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FR

ES

NVE-M300

GPS Navigation System

OWNER'S MANUAL

MODE D'EMPLOI

MANUAL DE OPERACIÓN

PRECAUTIONS AND NOTICES

IMPORTANT INFORMATION

PLEASE READ CAREFULLY BEFORE USING THIS PRODUCT

This product is intended to provide turn by turn instructions to get you to a desired destination. Please make certain that all persons using this navigation system carefully read these precautions and the following instructions fully.

- *This product is not a substitute for your personal judgment. Any route suggestions made by this navigation system may never supersede any local traffic regulations or your personal judgment and/or knowledge of safe driving practices. Do not follow route suggestions if the navigation system instructs you to perform an unsafe or illegal maneuver, places you in an unsafe situation, or routes you into an area which you consider unsafe.*
- *Glance at the screen only when necessary and safe to do so. If prolonged viewing of the screen is necessary, pull over in a safe and legal manner and location.*
- *Do not input destinations, change settings, or access any functions requiring a prolonged view of the monitor and/or remote control while you are driving. Pull over in a safe and legal manner and location before attempting to access the system.*
- *Do not use the navigation system to route you to emergency services. Not all locations of emergency services such as police and fire stations, hospitals and clinics are contained in the database. Please use your own judgment and ask for directions in these situations.*
- *The map database used in the navigation system is the most recent map data available at the time of production. Because of changes in streets and neighborhoods, there may be situations where the navigation system is not able to route you to your desired destination. In these cases, use your own judgment.*
- *The map database is designed to provide you with route suggestions and does not take into account the relative safety of a suggested route or of factors which may affect the time required to reach your destination. The system does not reflect road closures or construction, road characteristics (i.e. type of road surface, slope or grade, weight or height restrictions, etc.), traffic congestion, weather conditions, or any other factors which may affect the safety or timing of your driving experience. Use your own personal judgment if the navigation system is unable to provide you with an alternate route.*
- *There may be situations where the navigation system displays the vehicle's location erroneously. Use your own driving judgment in this situation, taking into account current driving conditions. Please be aware that in this situation the navigation system should correct the vehicle's position automatically. However, there may be times where you may have to correct the position yourself. If this is the case, pull over in a safe and legal manner and location before attempting operation.*
- *Make certain that the volume level of the navigation system is set to a level which still allows you to hear outside traffic and emergency vehicles.*

If there is anything in the manual about the operation of the navigation system which you are uncertain about, please contact your local Alpine authorized navigation dealer or Alpine at 1-888-NAV-HELP (1-888-628-4357) before using the navigation system.

FCC COMPLIANCE STATEMENT

NVE-M300 has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide more reasonable protection against harmful interference in a residential installation, and are more stringent than "outdoor" requirements.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one of the following measures:

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and the receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult an experienced radio/TV technician.*

USER AGREEMENT

In using this NVE-M300 GPS Portable Navigation System (hereinafter referred to as “System”), which includes Alpine Electronics, Inc. (“Alpine”) Specifications, Space Machine, Inc. (“Space Machine”) Software and NAVTEQ North America, LLC. (“NAVTEQ”) Database, you are bound by the terms and conditions set forth below. By breaking the seal on the System and using your copy of the System, you have demonstrated your agreement to the terms and conditions of this Agreement. You should, therefore, make sure that you read and understand the following provisions.

The System may not be copied, duplicated or otherwise modified, in whole or in part, without the express written permission of Alpine, Space Machine and NAVTEQ.
The System may not be transferred or sublicensed to any third party for profit, rent or loan or licensed for reuse in any manner.
The System may not be decompiled, reverse engineered or otherwise disassembled, in whole or in part.
The System may not be used in a network or by any other manner of simultaneous use in multiple systems.
The System is intended solely for personal use (or internal use where the end-user is a business) by the consumer.
The System is not to be used for commercial purposes.
Neither Alpine, Space Machine nor NAVTEQ guarantees to the customer that the System meet the specific objectives of the user.
Neither Alpine, Space Machine nor NAVTEQ shall be responsible for any damages caused by the use of the System to the actual user and to any third party.
The warranty on the System shall not extend to an exchange or refund due to misspelling, omission of letters, or any other cosmetic discrepancy in layout found in the System.
The right to use the System shall expire either when the user destroys this software, or when any of the terms for use is violated and Alpine, Space Machine and/or NAVTEQ exercise the option to revoke the license to use this software.
The terms and conditions hereof apply to all subsequent users and owners as well as to the original purchaser.

The NAVTEQ Database may include or reflect data of licensors, including Her Majesty The Queen in right of CANADA. Such data is licensed on an “AS IS” basis. The licensors, including Her Majesty The Queen, make no guarantees, representations or warranties respecting such data, either express or implied, arising by law or otherwise, accuracy or fitness for a particular purpose.
The licensors, including Her Majesty The Queen, shall not be liable in respect of any claim, demand or action, irrespective of the nature of the cause of the claim, demand or action alleging any loss, injury or damages, direct or indirect, which may result from the use or possession of the data or the NAVTEQ database.
The licensors, including Her Majesty The Queen, shall not be liable in any way for loss of revenues or contracts, or any other consequential loss of any kind resulting from any defect in the data or the NAVTEQ database.
End User shall indemnify and save harmless the licensors, including Her Majesty The Queen and the minister, and their officers, employees and agents from and against any claim, demand or action, irrespective of the nature of the cause of the claim, demand or action, alleging loss, costs, expenses, damages or injuries (including injuries resulting in death) arising out of the use or possession of the data or the NAVTEQ database.

WARNINGS

Points to Observe for Safe Usage

- *Read this manual carefully before using this system. It contains instructions on how to use this product in a safe and effective manner. Alpine cannot be responsible for problems resulting from failure to observe the instructions in this manual.*
- *This manual uses various pictorial displays to show you how to use this product safely and to alert you to potential dangers resulting from improper connections and operation. Following are the meanings of these pictorial displays. It is important to fully understand the meanings of these pictorial displays in order to use this manual and the system properly.*

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions.
Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE THIS PRODUCT AS SPECIFIED.

Use for other than its designed application may result in fire, electric shock or other injury.

KEEP SMALL OBJECTS SUCH AS SCREWS OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

⚠ PRECAUTIONS

Temperature

Be sure the temperature inside the vehicle is between +50°C (+122°F) and -10°C (+14°F) before turning your unit on.

Fuse Replacement

When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder. If the fuse(s) blows more than once, carefully check all electrical connections for shorted circuitry. Also have your vehicle's voltage regulator checked.

Servicing the Unit

If you have problems, do not attempt to repair the unit yourself. Return it to your ALPINE dealer or the nearest ALPINE Service Station for servicing.

Installation Location

Make sure the NVE-M300 will not be exposed to:

- Direct sun and heat
- Excessive dust
- High humidity
- Excessive vibrations

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Getting Started

Congratulations and thank you for purchasing the Alpine NVE-M300 GPS Navigation System. We hope you enjoy using this exciting product and trust that it will make your driving experience more comfortable, stress-free, and entertaining.

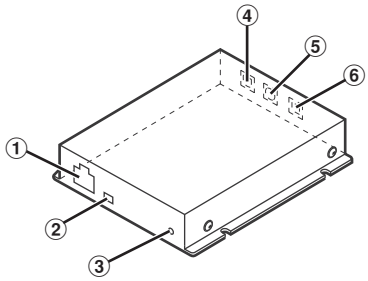
The NVE-M300 GPS Navigation System provides an easy-to-use user interface, clear, easy-to-understand spoken driving instructions, and award winning design all in a portable product. NVE-M300 is built upon Alpine's history of navigation success in North America. Please read this manual carefully. If you have any further questions about NVE-M300's operation, feel free to call Alpine at 1-888-NAV-HELP (628-4357) for technical assistance.

If the navigation system is connected to Alpine touch panel-compatible monitor or AV Head Unit (IVA-D105, IVA-W505, iXA-W404, etc.) touch operation can be performed by directly touching the monitor.

Accessories List

- **NVE-M300 Box unit ..... ×1**
- **Power Vehicle Hanes Cable ..... ×1**
- **Velcro fastener ..... ×2**
- **Flanged Self-tapping screw (M4×14) ..... ×4**
- **13pin RGB extension Cable ..... ×1**
- **USB mini Cable ..... ×1**
- **GPS antenna ..... ×1**
- **GPS Waterproof pad ..... ×1**
- **Cable clamp (for GPS antenna) ..... ×5**
- **Antenna mounting plate ..... ×1**
- **Owner's Manual 1set**

System Features



① **Power Connector**

② **USB Connector**

③ **Access Indicator**
The Access Indicator blinks while updating. The Access Indicator lights up when a USB mini cable is connected.

④ **RGB OUT Connector**

⑤ **EXT. IN Connector**
Currently not used.

⑥ **GPS ANT. Connector**

- *For how to install/connect, refer to the Installation Manual of the NVE-M300.*

Turning the System On

With this system, when the display monitor is set in the navigation display mode or external input display mode and the ignition key is turned to the ACC or ON positions, the opening screen will automatically be displayed.

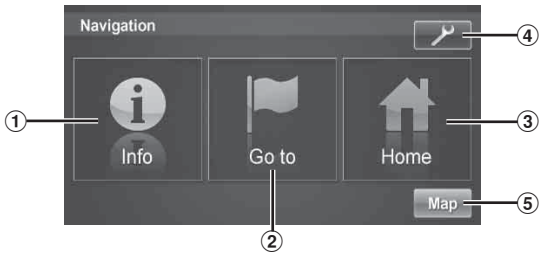
1 Every time you boot up the system, both the language selection menu and IMPORTANT! are displayed on the screen. Touch the desired language.

After the language has been selected, important information is displayed in each language.
Be sure to read the important information.

2 After you have read this important information, touch [I Accept].

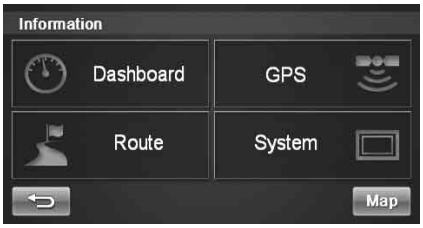
The map screen is displayed.

Main Menu



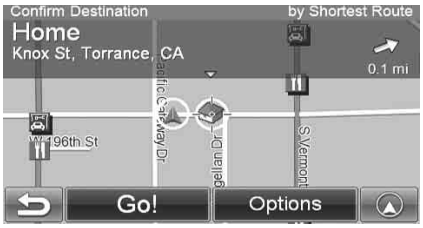
① **Info Button**
Press this to check information such as:
- GPS receiver status
- Speed and trip information

See pages 25-26.



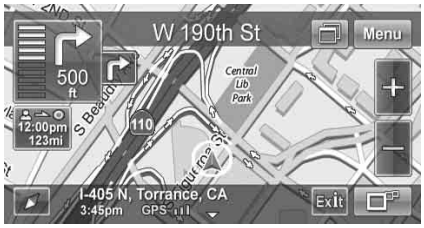
② **Go to Button**
Press this to start entering a destination. See pages 10-15.

③ **Home Button**
Press this to go to a saved home location. See page 20.



④ **Settings Button**
Press this to change system settings. See pages 21-24.

⑤ **Map Button**
Press this to go to the map. See page 8.



Map Functions

① Next Maneuver Arrow and Voice Prompt Button

Repeating the Announcement
Touch this icon to repeat the guide announcement.
(Same as Next Maneuver Arrow)

② Route Button

Touch this icon and it will take you to the route menu.

- When not in the guidance mode, only the current position can be seen. Zoom buttons, Map Orientation button and Main Menu are available.

③ Estimate Time Display

This icon displays Estimated Time Remaining, Estimated Time of Arrival or Direction to Destination.
See page 23 to change this setting.

- The time estimates are based on the average speed. The estimate time will vary depending on vehicle speed. The arrow always points toward the destination.

④ Map Orientation
Touch this icon to switch between North Up, Heading Up and 3D View.

North Up
In north up view, north is always at the top of the display. This makes it easy to determine your current heading with respect to the map.

Heading Up
In heading-up view, the current direction is always pointing to the top of the display. This makes it easy to see the direction of the next turn on the map.

3D View
The 3D View offers you a more realistic perspective by tilting the map and displaying it with a horizon line. Streets are displayed as you approach them instead of from a birds-eye view.

⑤ GPS Status Bar

GPS Signal Strength

⑥ Current Position

⑦ Change Route View to Arrow Only Mode

Switching Map Display
Touch this button to switch between Map and Arrow modes.

- You can only switch map display during guidance mode.

Arrow Mode
Displays three successive arrow maneuvers all the way to your destination while providing turn-by-turn guidance prompts.

Map Mode
Shows a full-screen map of the area while providing turn-by-turn guidance prompts.

⑧ Zoom Out Button

Touch this icon to zoom out.

⑨ Zoom In Button

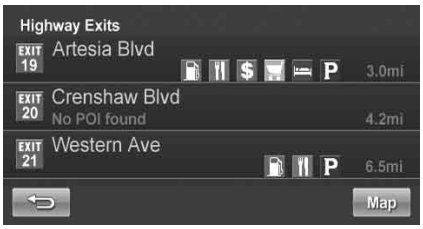
Touch this icon to zoom in.

⑩ Main Menu Button

⑪ Next Street Name

⑫ Touch panel-compatible monitor Access Button
Operation buttons on the connected Touch panel-compatible monitor or AV Head Unit are displayed.
For details, refer to the Owner's manual of the Touch panel-compatible monitor or AV Head Unit.

⑬ Highway Exit Button
When the vehicle is on a Highway, the screen is displayed. Highway exit information is displayed as a list in order of close proximity to current position.
You can also set a waypoint, etc., by touching the desired Highway Exit.



From the Map Display

Setting a Destination

1 Touch anywhere on map screen.

2 The vehicle arrow changes to a crosshair cursor.

Position bar

3 Move the cursor to the new desired street.

- *Use Map Zoom button to zoom out the map if the destination is far from the current location.*

4 Touch the selected position bar on the bottom of the screen.

5 Select Set as Destination.

6 Touch [Go!] on the Confirm Destination Screen.

- *To use destination options on the Confirm Destination Screen, see pages 16-18 for details. To cancel, touch Previous Screen icon* .

Finding Local Places

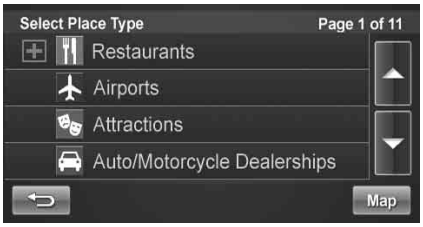
1 Touch anywhere on map screen.

The vehicle arrow changes to a crosshair cursor.

2 Touch the selected position bar on the bottom of the screen.

3 Select Find Nearby Places.

4 Select the desired category and the desired place.



5 Touch [Go!] on the Confirm Destination Screen.

- *To use destination options on the Confirm Destination Screen, see pages 16-18 for details. See Find Local Places on pages 12-13 for finding places though Places menu.*

Setting Waypoints

1 Touch anywhere on map screen.

2 The vehicle arrow changes to a crosshair cursor.

3 Move the cursor to the desired waypoint.

4 Touch the selected position bar on the bottom of the screen.

5 Select Set as Waypoint and the destination will automatically be added to the Waypoint List.

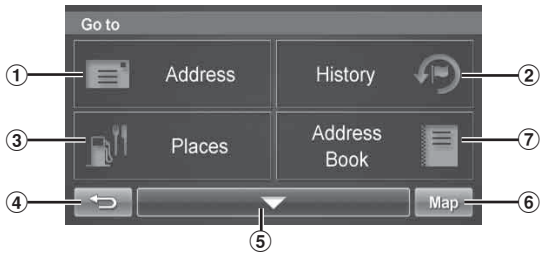
6 Touch [Go!].

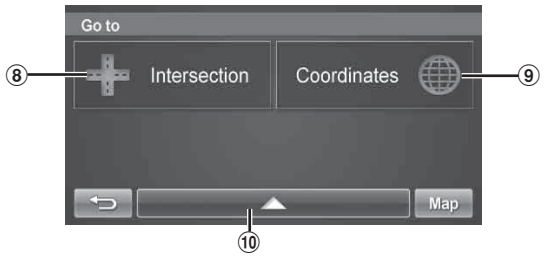
- *To add another waypoint, see page 17.*

Input a Destination

Go to Menu

Go to Main Menu → Go to





① Address Button
Search by typing an address. See page 11.

- Last 4 Streets/Last 4 Cities:
  The last four street names and city names searched are stored in memory.
  You can reselect a street name/city name from this list.

② History Button
Select from recent destinations. See page 13.

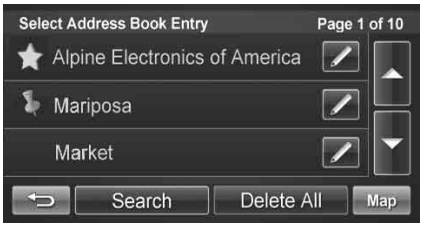
③ Places Button
Select places. See pages 12-13.

④ Returns to the previous screen.

⑤ Page List Down

⑥ Map Button
Press this to go to the map. See page 8.

⑦ Address Book Button
Select from saved destinations. See page 13.



⑧ Intersection Button
Set destination by intersection. See pages 14-15.

- Last 4 Streets/Last 4 Cities:
  The last four street names and city names searched are stored in memory.
  You can reselect a street name/city name from this list.

⑨ Coordinates Button
Set destination using geographic coordinates. See page 14.

⑩ Page List Up

Set a Destination by Address

There are several ways to set a destination. You can set a destination directly from the map (page 9) or select Go to from the main menu.

Go to Main Menu → Go to → Address

Finding a Destination by Entering Street Name First

1 **Select by Street.**

2 **Type the street name and touch [OK].**

If there are multiple matches, the system automatically displays a short list of street names.
Type only the name of the street. Prefix and suffix of the street are not necessary.
The list of applicable street names appears.

3 **Select the desired street name from the list.**

4 **Type the address number and touch [OK].**

5 **Type the desired city.**

If there are multiple matches, the system lists cities containing the street name and address number that you keyed in.

6 **The Confirm Destination Screen appears. Touch [Go!] to calculate the route.**

7 **See pages 16-18, to see more details about Options on the confirmation destination screen.**

Finding a Destination by City Name First

1 **Select by City.**

2 **Type the city name and touch [OK].**

If there are multiple matches, the system automatically displays a short list of city names. Select the desired city.

3 **Type the characters of the street name and touch [OK].**

4 **The list of applicable street names appears. Select the desired street.**

5 **Type the address number and touch [OK].**

6 **The Confirm Destination Screen appears. Touch [Go!] to calculate the route.**

Set a Destination by Place

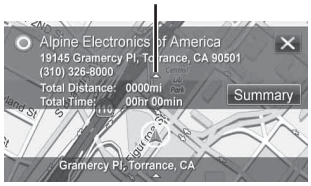
You can select from approximately 6 million place locations stored inside your NVE-M300 GPS Navigation System.

Go to Main Menu → Go to → Places

Finding a Place From Here or Near Your Destination

- *Last 4 names and Last 4 types takes you to a list from the last 4 places/types you have previously entered.*
- *If you find a place near your destination:*
  When you arrive at a destination, a destination name (POI search), address and telephone number are displayed in the display bar.
  If you want to display a trip summary, touching the arrow in the display bar, and [Summary] will display a detailed trip summary.

Display bar



By Name

1 Select by Name.

2 Type the desired place name. Touch [OK].

A list of place names appears.

3 Use the arrow to the right of the list to scroll up and down the list.

4 Select the desired place.

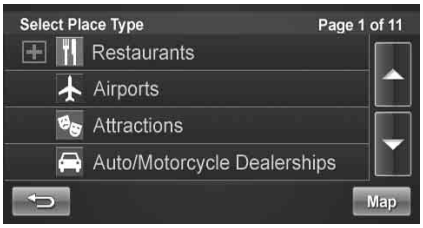
For emergency locations such as Police Stations, Hospitals, etc., please verify availability before proceeding to such locations.

5 The Confirm Destination Screen appears. Touch [Go!] to calculate a route.

By Type

1 Select by Type.

2 Select a desired type.



3 There are 37 Place categories to choose from including ATMs, Banks, Gas Stations, Grocery Stores, Hotels, Parking Lots, Restaurants and more.

4 Follow steps 3 through 5 of the instructions above.

Finding a Place From City Center

1 Select From City Center.

2 Select by City.

- *Last 4 Cities takes you straight to the list of cities you have previously entered.*

3 Type a city name and select a city.

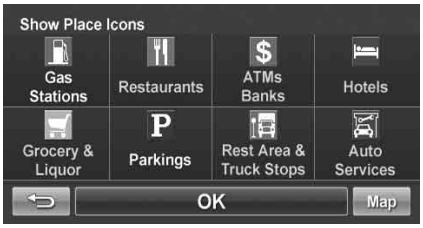
4 You can choose by Name or by Type.

5 Follow steps from “by Name” or “by Type” on page 12.

Finding a Place along Your Route

1 **Select Along Route.**

2 **Select the desired place type button. Touch [OK].**



- *Highlighted button means it is selected. You can select multiple place types. Touch the button again to turn the selection on or off.*

3 **A list of places appears**

Select the desired place.

4 **Touch [Go!].**

Set a Destination by History

Go to Main Menu → Go to → History

1 **The list of recent destinations appears. Select the destination.**

2 **The Confirm Destination Screen appears. Touch [Go!] to calculate the route.**

- *To use destination options on the Confirm Destination Screen, see pages 16-18 for details.*

Deleting All History

Go to Main Menu → History

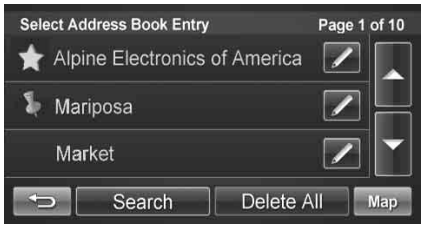
1 **Touch [Clear All].**

2 **Touch [Yes] to delete all previous destinations.**

Set a Destination from the Address Book

Go to Main Menu → Go to → Address Book

1 **Select the desired destination.**



2 **The Confirm Destination Screen appears. Touch [Go!] to calculate the route.**

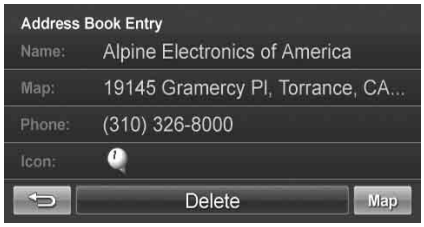
Editing Address Book

Go to Main Menu → Go to → Address Book

1 **Select the destination you would like to modify.**

2 **Touch to edit your entry.**

3 **Edit Name, Phone Number and Icon or delete the selected destination.**

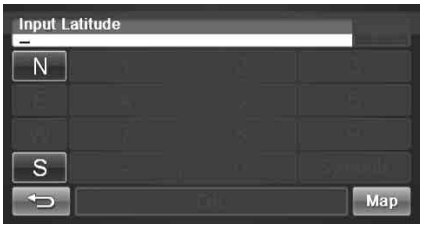


- *Select Deleat All to delete all addresses saved in the address book.*

Set a Destination by Coordinates

Go to Main Menu → Go to → Coordinates

1 Enter the Latitude of your destination. Touch [OK].



2 Enter the Longitude of your destination. Touch [OK].

3 The Confirm Destination Screen appears. Touch [Go!] to calculate the route.

- *To use destination options on the Confirm Destination Screen, see pages 16-18 for details.*

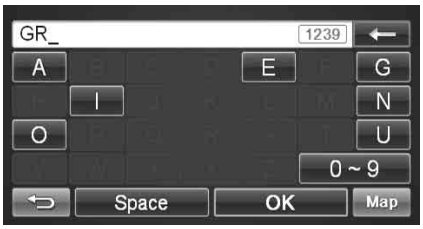
Set a Destination by Intersection

Go to Main Menu → Go to → Intersection

Finding a Intersection by Entering a Street Name First

1 Select by Street.

2 Type in the first street name. Touch [OK].



The list of applicable street names appears. Select the desired street and input the address number.

3 Input the second street name.

If there is only one street crossing with the first street, the name of the street automatically appears.

4 Confirm City name if there are more than 1 cities with the same intersection.

5 The Confirm Destination Screen appears. Touch [Go!] to calculate the route.

- *To use other functions on the Confirm Destination Screen, see pages 16-18 for details.*

Finding a Intersection by Entering a City Name First

If you know the city name of the intersection you are searching, select by City. The choice of the street is narrowed down automatically. This saves time in entering the street information.

1 **Select by City.**

2 **Type the city name, then select the city from the list.**

3 **Input the first street name.**

4 **Input the second street name.**

5 **The Confirm Destination Screen appears. Touch [Go!] to calculate the route.**

- *Last 4 Street and Last 4 Cities takes you to a list of the last 4 entries.*

Destination Options

The Destination Options Menu allows you to find places nearby, find alternative routes to get to your destination, set a destination as your home, save a destination in the address book, and create waypoints.

To get to the Destination Options Menu, enter your desired destination by using the method on pages 10-15 in order to get to the Confirm Destination Screen.

Select Options.

Finding Nearby Places

1 Touch [Find Nearby Places].

2 Select a desired place type.

3 Select a desired place name.

4 Touch [Go!] to calculate the route.

- *To find local places directly from the map, go to page 9.*

Finding Alternative Routes to the Destination

1 Touch [Change Method].

2 Select a method below.

Avoid Freeway
Avoid Toll Road
Use Time Restricted Road
Use Ferry

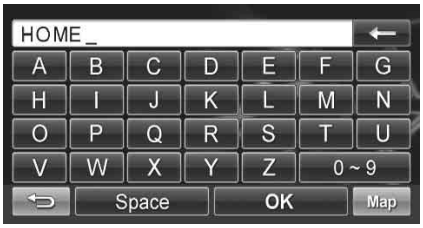
3 Select Quickest or Shortest.

4 Touch [OK].

Setting a Destination as Home

1 Touch [Set as Home].

2 Touch [OK] or type desired name and touch [OK].



3 Select desire icon. If there is no desired icon, touch [No Icon].

4 Touch [OK].

Saving a Destination into the Address Book

1 **Touch [Save to Address Book].**

2 **Type in desired name. Touch [OK].**

3 **Select an icon. If there is no desired icon, touch [No Icon].**

4 **Touch [OK].**

Setting Waypoints

You can set up to 3 waypoints between you current location and your destination. The final destination must be set before entering any waypoints.

Adding a Waypoint

1 **Touch [Set as Waypoint] and the destination is automatically added to the Waypoint List.**

2 **Touch [Go!] to calculate the route.**

Adding another Waypoint

1 **Before you touch [Go!] at the Waypoint List screen, touch [+ Add Waypoint].**

2 **Enter the waypoint with any method just as finding a destination. (pages 10-15)**

3 **Touch [Set as Waypoint] to confirm.**

4 **The system returns to the Waypoint List screen. Touch [Go!] to calculate the new route.**

Setting a Waypoint Directly from the Map

See page 9.

Optimizing Your Route

1 **Touch [Set as Waypoint]. The Waypoint List appears.**

2 **Touch [Options]. Waypoint options screen appears.**

3 **Touch [Optimize Route].**

4 **The system takes you back to the Waypoint List screen with optimal route. Touch [Go!] to calculate the route.**

Deleting a Waypoint

1 **Select the desired waypoint to delete from the list.**

2 **Touch [Delete].**

Deleting All Waypoints

1 **Touch [Options].**

2 **Touch [Delete All Waypoints]. Touch [Yes] to confirm.**

3 **If all waypoints are deleted, will return to the waypoint list. To get back to the Map screen, touch [Map] to get back to the map.**

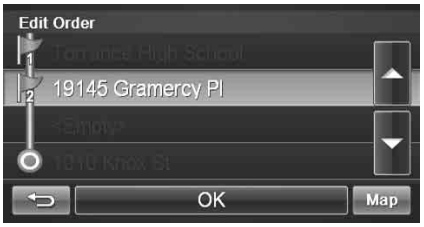
Editing Order of Waypoints

1 **Main Menu → Info → Route → Edit Waypoint**
or
from the Map → Route Button → Edit Waypoint

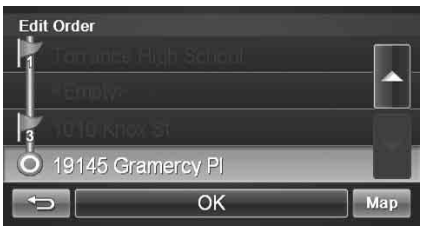
2 **At the Waypoint List Screen, select the desired waypoint to edit.**

3 **Touch [Edit Order].**

4 **Use the Up and Down buttons to move the waypoint.**



5 **Touch [OK] and the system returns to the Waypoint List screen.**



6 **Touch [Go!] to calculate the route.**

ROUTE

Viewing Turn List During Guidance

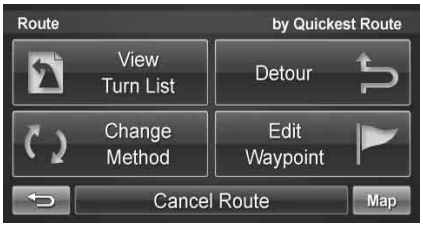
You can view a list of street names and upcoming turns and streets.

Main Menu → Info → Route

or

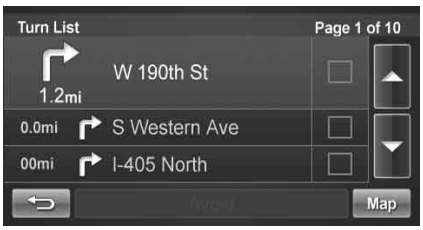
directly from the Map

1 Touch [View Turn List].



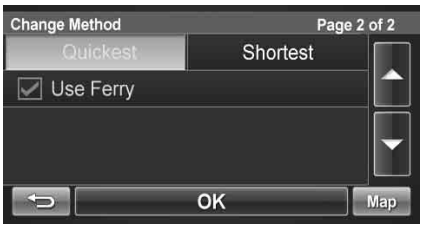
2 A list of upcoming streets and turns appears on the screen.

To preview a specific point, select a street name/maneuver on the list.



Finding an Alternate Route

1 On Route screen, touch [Change Method].



- *You can select and re-calculate an alternate route based on Quickest Route or Shortest Route and select Avoid Freeway, Toll Road, Time Restricted Road or Ferry.*

Finding a Detour

By Distance

1 On Route screen, touch [Detour].

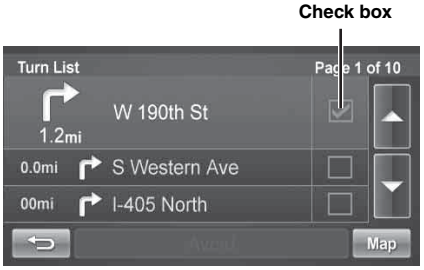
2 Choose detour from 1/2 mile, 1 mile, 2 miles or 5 miles.

The system automatically calculates and displays a detoured route.

Avoiding a Particular Street

1 Touch [View Turn List].

2 List of upcoming streets and turns appears on the screen. Select the street name, and touch its check box.



3 Touch [Avoid].

Editing Waypoints

To edit waypoints, see page 18.

Canceling Route

From Route screen, touch [Cancel Route].

- *After canceling the route, you cannot select Route Menu until the next destination has been set. To set next the destination, see Go to Menu on page 10.*

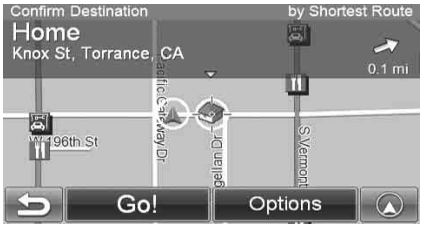
Home

You can go Home from anywhere once the Home Address is set. See page 16 to set a destination as Home.

Going Home

Go to Main Menu → Home

1 Touch [Go!] to calculate the route.

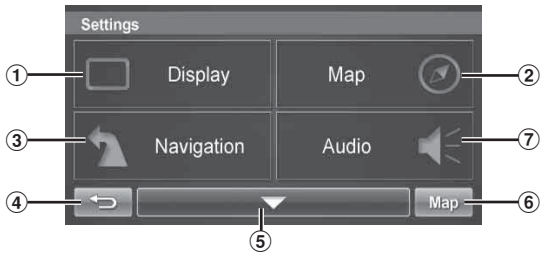


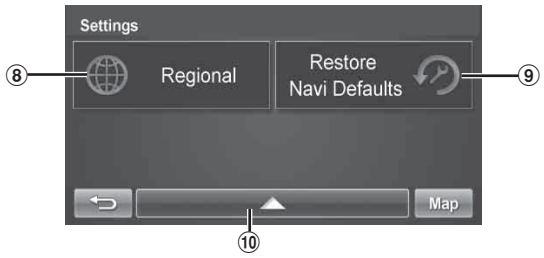
- *To find an alternate Route to go Home, see page 19.*

Settings

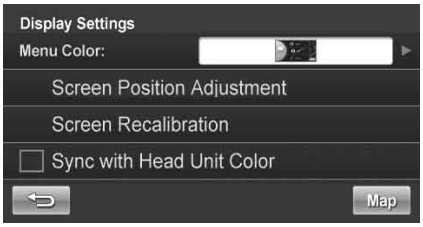
Settings Menu

Go to Main Menu →

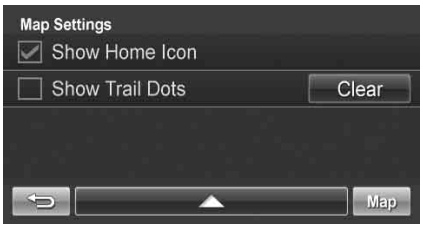




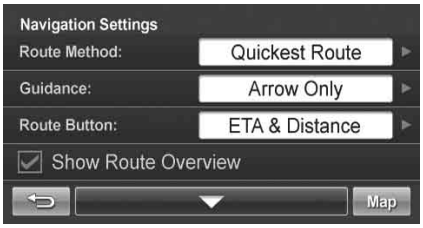
① **Display Button**
For display settings, see page 22.

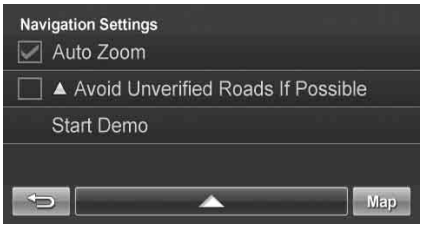


② **Map Button**
For map settings, see page 22.



③ **Navigation Button**
For navigation settings, see page 23.



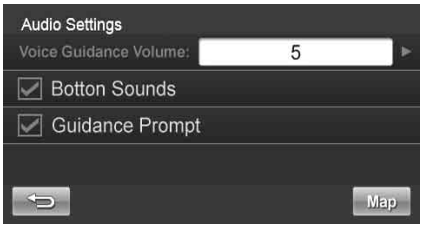


④ **Returns to the previous screen.**

⑤ **Page List Down**

⑥ **Map Button**
Press this to go to the map. See page 8.

⑦ **Audio Button**
For audio settings, see page 23.



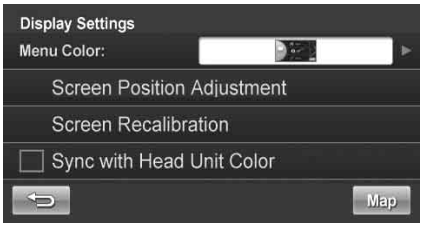
⑧ **Regional Button**
For Regional settings, see page 24.

⑨ **Restore Defaults Button**
This allows you to delete all stored information and default back to the original factory settings.

⑩ **Page List Up**

Customizing Display

Go to Main Menu → → Display



- *Touch [OK] to complete the setting.*

Menu Color

You can choose from 4 different colors (Aqua, Ruby, Emerald and Amber) for all menu screens.

Screen Position Adjustment

You can adjust the position of the navigation screen displayed in the monitor.

Touch [Adjust], adjust up, down, left and right in the adjustment screen, and then touch [Set].

Screen Recalibration

This allows you to recalibrate the touch screen for better accuracy.

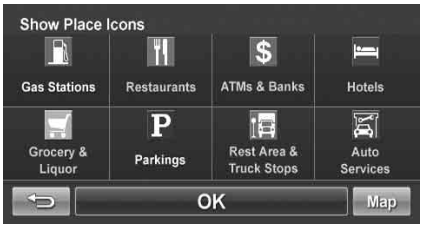
Sync with Head Unit Color (iXA-W404, etc.)

The menu color of the NVE-M300 is synchronized with the color setting on the connected iXA-W404, etc.

Customizing Map

You can customize map color, vehicle icon, and place icons on the map.

Go to Main Menu → → Map



- *Touch [OK] to complete the setting.*

Displaying and Editing Icons on the Map

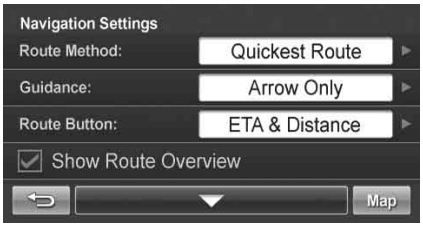
Place Icons, the Home Icon and Icons used in the Address Book can be turned on and off from the Display Setup Menu.

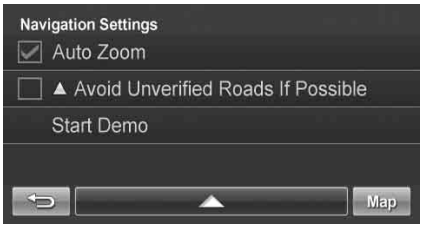
Showing Trail Dots

The Trail feature allows you to turn on and off trail dots that appear wherever the vehicle icon traverses. This is especially helpful for off-road enthusiasts.

Customizing Navigation Tool

Go to Main Menu → → Navigation





Route Method

You can change the routing method.

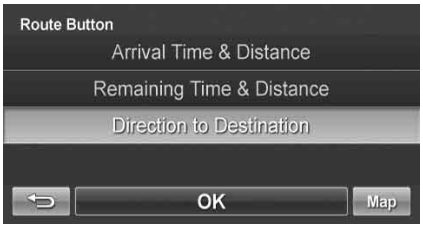
See page 19 for details.

Guidance Map

You can choose between full map and arrow only in guidance mode.

Route Button

You can choose between 3 different route buttons.



Arrival time & distance to destination.

Remaining time & distance to destination.

Direction of destination.

Show Route Overview

This button allows you to view the full route after the destination has been calculated and before the guidance begins.

Auto Zoom

When approaching a maneuver, the map automatically zooms in.

Avoid Unverified Roads if Possible

This button avoids using roads not verified by the map provider.

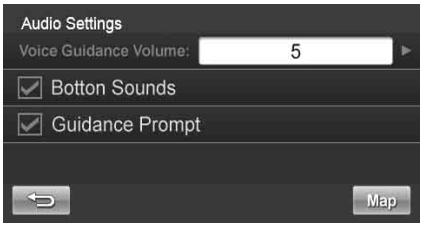
Start Demo

You can watch a navigation demonstration with the system's voice and screen guidance.

- *Set a destination before using this function.*

Setting Audio

Go to Main Menu → → Audio



Changing Voice Guidance Volume

This allows you to vary the volume of the voice guidance prompts.

Button Sounds

This allows you to turn button sounds ON or OFF.

Guidance Prompt

This allows you to turn ON or OFF the guidance prompts.

Regional Settings

Go to Main Menu → → Regional

Language

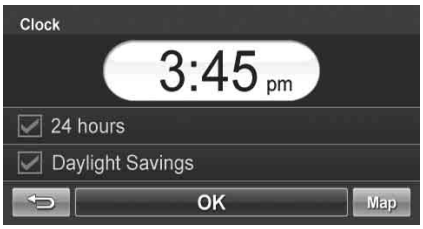
You can select a Language from English, French and Spanish.

Units

You can set the Units of Measure to read in kilometers or miles.

Clock

You can set the Clock to 12 or 24 hour style and set Daylight Savings to fit your region.



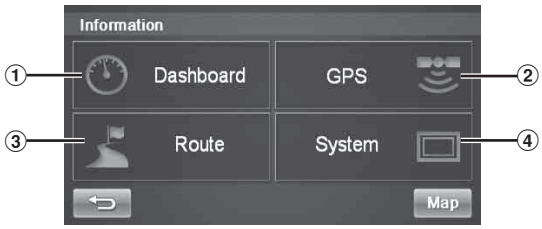
Time Zone

You can set the Time Zone to fit your region.

Information

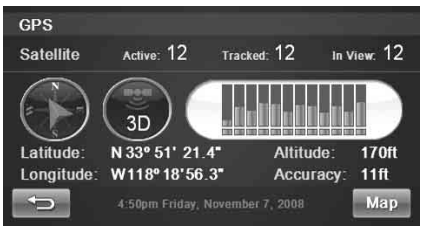
Information Menu

Go to Main Menu → Info



① **Dashboard Button**
For viewing dashboard, see page 25.

② **GPS Button**
For viewing GPS, see page 26.



③ **Route Button**
For changing the route, see page 19.

④ **System Button**
For viewing system information, see page 26.

Viewing Dashboard

Go to Main Menu → Info → Dashboard

The odometer displays the speed and time traveled.

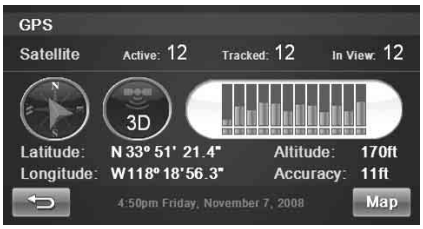
Driving Average	Average speed.
Overall Average	Average speed (includes idle time.).
Maximum Speed	Maximum speed reached.
Driving Time	Time vehicle has been moving.
Idle Time	Time vehicle has been stopped (not moving).
Total Time	Total elapsed time (driving time plus idle time).

Viewing GPS Status

This feature allows you to view GPS satellite signal information. You can view the dynamic location information received from satellite, such as, signal strength, compass (direction information), latitude/longitude, approximate altitude.

An explanation of the messages is shown below.

Go to Main Menu → Info → GPS



The following messages are displayed while the GPS receiver is tracking satellites:

Locating GPS Satellites

The NVE-M300 searches the sky looking for GPS satellites.

Acquiring GPS Signal

The NVE-M300 acquires positioning information transmitted from 1 to 3 tracked satellites while searching for more satellites (minimum 4 of needed).

Fixing GPS Position

The NVE-M300 requires continuous signals from 4 or more tracked satellites (for 30 seconds) in order to accurately fix your position.

Temporary Poor GPS Coverage

Thunderstorms, dense foliage or surrounding tall buildings may cause temporary loss of position fix (acceptable if under 30 seconds).

Poor GPS Signal, Lost Position Fix

You may have entered an area where consistently poor GPS signal (lasting 30 seconds or more) makes it impossible to maintain a position fix.

No Line of Sight, Lost GPS Tracking

You are in an area where line of sight to GPS satellites has been blocked.

Viewing System Information

You can check software application, database version, and other information on this screen.

Go to Main Menu → Info → System

- *Make a note of this information and refer to it whenever you communicate with customer support.*

Updating Software and Map Data

Access software and/or Map updates

Software and/or map updates can be accessed by connecting the NVE-M300's to a PC.

Download Update File and Tool to your PC from the Alpine web site. For details and the procedure for updating the software and map data, visit **http://www.alpine-usa.com**

Reference

In Case of Difficulty

If you encounter a problem, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise make sure the rest of your system is properly connected and completely charged. Contact your authorized Alpine dealer or Alpine directly at 1-888-NAV-HELP (1-888-628-4357).

The vehicle's position is erroneous.

Drive the vehicle in an area of good GPS reception to allow the unit to recalibrate itself. Move to a location where strong GPS reception is possible.

No operation

Moisture condensation	Allow enough time for the condensation to evaporate (about 1 hour).
Ambient Temperature	Make sure the temperature inside the vehicle is between -10°C and 50°C (14°F and 122°F).
Blown Fuse	Replace the fuse of the same size.

The unit does not function.

If you incorrectly install the Box unit, malfunction will occur. For installation instructions, refer to the Installation Manual.

The touch panel-compatible models (IVA-D105, IVA-W505, iXA-W404, etc.) sold after 2004 can be connected to the unit. However, some units may not work, or some functions may not work, when connecting to this unit. For details, contact your Alpine dealer.

Reset

If malfunction occurs, disconnect the unit from the Power Vehicle Harness cable.

Specifications

Power Requirements:	14.4V DC (10-16V allowable)
Box Unit Size (W×H×D):	85mm × 25mm × 110mm
Box Unit Weight:	265g (9.3 oz)
Operating Temp:	-10°C to 50°C (14°F to 122°F)
Installation Angle:	Roll:±10 degrees Pitch:±30 degrees Yaw:±10 degrees
CPU:	SiRF Titan
GPS:	12 channel (32 channel acquisition) receiver
Internal Storage:	Built-in flash memory with Pre-loaded Maps of US, Canada, Puerto Rico, and the Virgin Islands
USB Interface:	2.0

- *Due to continuous improvements, specification are subject to change without notice.*

ALPINE ELECTRONICS MARKETING, INC.
1-1-8 Nishi Gotanda,
Shinagawa-ku, Tokyo 141-0031, Japan
Phone 03-5496-8231

ALPINE ELECTRONICS OF AMERICA, INC.
19145 Gramercy Place, Torrance,
California 90501, U.S.A.
Phone 1-800-ALPINE-1 (1-800-257-4631)
1-888-NAV-HELP (1-888-628-4357)

ALPINE ELECTRONICS OF CANADA, INC.
777 Supertest Road, Toronto,
Ontario M3J 2M9, Canada
Phone 1-800-ALPINE-1 (1-800-257-4631)
1-888-NAV-HELP (1-888-628-4357)

ALPINE ELECTRONICS OF AUSTRALIA PTY. LTD.
161-165 Princes Highway,
Hallam Victoria 3803, Australia
Phone 03-8787-1200

ALPINE ELECTRONICS GmbH
Frankfurter Ring 117,
80807 München, Germany
Phone 089-32 42 640

ALPINE ELECTRONICS OF U.K. LTD.
Alpine House
Fletchamstead Highway,
Coventry CV4 9TW, U.K.
Phone 0870-33 33 763

ALPINE ELECTRONICS FRANCE S.A.R.L.
(RCS PONTOISE B 338 101 280)
98, Rue de la Belle Etoile, Z.I. Paris Nord II,
B.P. 50016, 95945 Roissy Charles de Gaulle Cedex,
France
Phone 01-48638989

ALPINE ITALIA S.p.A.
Viale C. Colombo 8, 20090 Trezzano
Sul Naviglio (MI), Italy
Phone 02-484781

ALPINE ELECTRONICS DE ESPAÑA, S.A.
Portal de Gamarra 36, Pabellón, 32
01013 Vitoria (Alava)-APDO 133, Spain
Phone 945-283588

ALPINE ELECTRONICS (BENELUX) GmbH
Leuvensesteenweg 510-B6,
1930 Zaventem, Belgium
Phone 02-725-13 15

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