Thank you for purchasing an INFINITI automobile. This user's manual is for the navigation system only. This manual contains operating instructions for the INFINITI Navigation system offered in the INFINITI Q45.

Please read this manual carefully to ensure safe operation of the navigation system.

- Please read your vehicle's owner's manual first.
- Do not remove this manual from the vehicle when selling this vehicle. The next user of this navigation system may need the manual.
- Because of possible specification changes, parts of this manual may not apply to your vehicle.
- All information, specifications and illustrations in this manual are those in effect at the time of printing. INFINITI reserves the right to change specifications or design at any time without notice.

CONTENTS

INTRODUCTION 1-1
HOW DOES THE INFINITI NAVIGATION SYSTEM WORK? 2-1
WHAT FEATURES ARE AVAILABLE ON THE INFINITI NAVIGATION SYSTEM? 3-1
HOW DO I OPERATE THE INFINITI NAVIGATION SYSTEM? 4-1
HOW DO I PROGRAM A DESTINATION? 5-1
HOW DO I USE THE POINT OF INTEREST (POI) FEATURE? 6-1
HOW DO I USE THE ADDRESS BOOK FEATURE? 7-1
HOW DO I USE THE AVOID AREA FEATURE? 8-1
HOW DO I USE THE AUTOMATIC REROUTING FEATURE? 9-1
HOW DO I USE THE VOICE GUIDANCE FEATURE? 10-1
HOW DO I ADJUST THE DISPLAY? 11-1
INFORMATION ON MAP DATA DISCS 12-1
TROUBLESHOOTING GUIDE 13-1
INDEX 14-1

1 INTRODUCTION

How to use this manual 1-2
For safe operation 1-2
Reference symbols..... 1-2
Safety note 1-2

INTRODUCTION

HOW TO USE THIS MANUAL

This manual uses special words and icons, organized by function. Please refer to the following items and familiarize yourself with them.

The display and control panel are combined for Q45 model navigation system.

FOR SAFE OPERATION

WARNING

This is used to indicate the presence of a hazard that could cause death or serious personal injury. To avoid or reduce the risk, the procedures must be followed precisely.

CAUTION

This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.

NOTE:

This indicates an item to help you understand the maximum performance of your vehicle. If ignored, it may lead to a breakdown or poor performance.

REFERENCE SYMBOLS

INFO:

This indicates information necessary for efficient use of your vehicle or accessories.

DEST **button**

This is a button on the control panel.

View **key**

This is a select key on the screen. By selecting this key you can proceed to the next function.

SAFETY NOTE

This system is primarily designed to help you reach your destination, and also performs other functions as outlined in this manual. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up-to-date. **The system is not a substitute for safe, proper, and legal driving.**

Before using the navigation system, please read the following safety information. Always use the system as outlined in this manual.

WARNING

- *When the driver operates the navigation system or uses the joystick (screen function), first park the vehicle in a safe place and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident. Destinations cannot be set while the vehicle is in motion.*
- *Do not rely on voice guidance alone. Always be sure that all driving maneuvers may be made legally and safely to avoid an accident.*
- *Do not disassemble or modify this system. If you do, it may result in accidents, fire, or electrical shock.*
- *Do not use this system if you notice any malfunction such as a frozen screen or lack of sound. Continued use of the system may result in accident, fire, or electrical shock.*
- *If you notice any foreign object in the system hardware or spilled liquid, or notice smoke or a smell coming from it, stop using the system immediately and contact your nearest INFINITI dealer. Ignoring such conditions may lead to accidents, fire, or electrical shock.*

NOTE:

Some states/provinces may have laws limiting the use of video screens while driving. Use this system only where legal.

2 HOW DOES THE INFINITI NAVIGATION SYSTEM WORK?

What is a navigation system? 2-2
About the navigation system 2-2
What is GPS (Global Positioning System)? 2-2
Accuracy of positioning 2-2
Positioning adjustment 2-3
Receiving signals from GPS satellites ... 2-3
Display of GPS information 2-3
Detailed map coverage areas (MCA) for the navigation system 2-4

HOW DOES THE INFINITI NAVIGATION SYSTEM WORK?

WHAT IS A NAVIGATION SYSTEM?

ABOUT THE NAVIGATION SYSTEM

This navigation system combines the data obtained from the vehicle (by gyro sensor) and from GPS (Global Positioning System) satellites to calculate the current location of the vehicle. This position is then displayed on the screen, allowing route guidance to a destination.

WHAT IS GPS (GLOBAL POSITIONING SYSTEM)?

GPS is a system developed and operated by the U.S. government, covering the entire globe. This navigation system receives three or more different radio signals from NAVSTAR (GPS satellites), orbiting the earth 13,049 miles (21,000 km) above ground. The data from different sets of signals will be trigonometrically calculated to obtain the position of the vehicle.

INFO:

The tracking center in the US controls signals transmitted from GPS satellites. This control sometimes results in reduced accuracy or no signal received at all.

ACCURACY OF POSITIONING

XINV0506

The color of the GPS Indicator on the upper left corner of the screen indicates positioning as follows:

- Green: When positioning is possible and accurate
- Yellow: When positioning is possible but not accurate
- Gray: When positioning is not possible

INFO:

For approximately 3 or 4 minutes after system startup, the GPS indicator remains gray, even if accurate positioning is possible.

POSITIONING ADJUSTMENT

When the system judges that the vehicle position information is not accurate based on vehicle speed and gyro sensor data calculations, the system will adjust the vehicle position information using GPS signals.

RECEIVING SIGNALS FROM GPS SATELLITES

Sometimes, satellite reception is weak. The following are places where signals tend to be weak:

- Inside tunnels and parking lots in buildings
- Areas with numerous tall buildings
- Under multi-layered highways
- In a dense forest

Vehicles in these areas may not receive GPS signals (Indicator color: gray).

INFO:

The antenna for GPS is located on the rear parcel shelf inside the vehicle. **Do not place any object, especially mobile phones or transceivers, on the rear parcel shelf**. Because the strength of the GPS signals is approximately one billionth of that of TV waves; phones and transceivers will decrease the strength or may totally disrupt the signals.

DISPLAY OF GPS INFORMATION

This system displays GPS information.

Please refer to “GPS information display” on page 11-13.

NOTE:

Directional guidance provided by the navigation system does not factor in the constraints of carpool lane driving.

HOW DOES THE INFINITI NAVIGATION SYSTEM WORK?

DETAILED MAP COVERAGE AREAS (MCA) FOR THE NAVIGATION SYSTEM

This system is primarily designed to help you reach your destination, and also performs other functions as outlined in this manual. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up-to-date. The system is not a substitute for safe, proper, and legal driving.

Map data includes major metropolitan areas in the United States.

Map data consists of map DVD-ROM. For information about map DVD-ROMs, contact an INFINITI dealer or call the Infiniti Navigation System help desk at 800-662-6200.

Map data includes 2 types of areas: “Detailed coverage areas” providing all detailed road data and other areas showing “main roads only”.

For information on which metropolitan areas are in detailed coverage areas, please refer to the Infiniti Navigation System Software Booklet (included). When you purchase an updated map DVD-ROM, a new software booklet will be provided.

3 WHAT FEATURES ARE AVAILABLE ON THE INFINITI NAVIGATION SYSTEM?

Route guidance 3-2
Point of interest (POI) directory 3-2
Address book 3-2
Avoid area 3-2
Automatic re-route 3-3
Detour 3-3
Birdview™ 3-3
Voice guidance 3-3
Short menus 3-4

WHAT FEATURES ARE AVAILABLE ON THE INFINITI NAVIGATION SYSTEM?

ROUTE GUIDANCE

The main feature of the Infiniti Navigation System is Visual and Audio Route Guidance. Utilizing a network of GPS (Global Positioning System) satellites, the Infiniti Navigation System tracks your location on the map and directs you where you want to go.

Once you program a destination, The Infiniti Navigation System will determine a route from your current location to your destination. The moving map display and turn-by-turn voice commands help the driver determine upcoming turns.

This feature can be especially helpful in finding unfamiliar locations or businesses. For more information on how to program a destination, please refer to section 5.

POINT OF INTEREST (POI) DIRECTORY

The Infiniti Navigation System offers an extensive Point of Interest directory for your convenience. This directory includes a wide variety of destinations ranging from gas stations, ATMs, and restaurants to casinos, ski resorts, shopping centers and businesses. By accessing the Point of Interest directory, you can search for addresses and phone numbers for a destination, and with a press of a button, the Infiniti Navigation System will calculate a route to the destination.

The Point of Interest directory offers many uses. For example, the directory can be sorted by the various types of restaurants near your current location. If you need an ATM or gas station, the Infiniti Navigation System can point you to the closest one or the closest one of your favorite brand.

For more information on how to use the Point of Interest directory, please refer to section 6.

ADDRESS BOOK

Using the Address Book feature, you will have the ability to store up to 50 locations into a personal directory. This is especially useful for frequently visited locations, such as your clients, relatives, or friends. The Address Book feature will provide you with easy access to these frequently visited locations when setting them as your destination.

For more information on how to use your address book, please refer to section 7.

AVOID AREA

By using the Avoid Area feature, you can identify areas or freeways that you would like the Infiniti Navigation System to avoid when plotting routes. For example, if you know of a freeway or area that is always congested with traffic, you can program the Infiniti Navigation System to plot routes that go around that particular freeway or area.

For more information on the Avoid Area feature, please refer to section 8.

WHAT FEATURES ARE AVAILABLE ON THE INFINITI NAVIGATION SYSTEM?

AUTOMATIC RE-ROUTE

If you miss a turn while using the Route Guidance feature, the Infiniti Navigation System will automatically re-calculate a new route to your destination.

For more information on the Automatic Re-Route feature, please refer to section 9.

DETOUR

If you hear about a traffic accident on the radio that is 4 miles (6 km) ahead of you and traffic is backing up fast, you can use the Detour function to calculate an alternative route that will help you avoid the gridlock caused by the traffic accident. The Infiniti Navigation System has the ability to find an alternative route using secondary roads that will return you to primary roads after a specified number of miles.

For more information on the Detour feature, please refer to section 9.

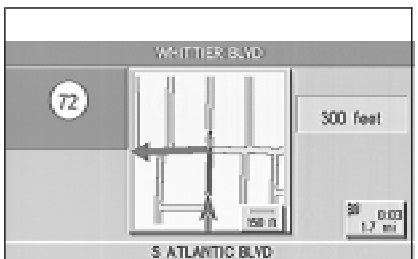
BIRDVIEW™

INV0507

The Infiniti Navigation System gives you a choice of two map viewing styles, a normal 2-dimensional PLANVIEW map and the 3-dimensional BIRDVIEW™ map. The 3-D BIRDVIEW™ map depicts a geographic area as seen from an elevated perspective, so you will get a better feel for the route ahead.

For more information on the BIRDVIEW™ feature, please refer to section 11.

VOICE GUIDANCE



INV0508

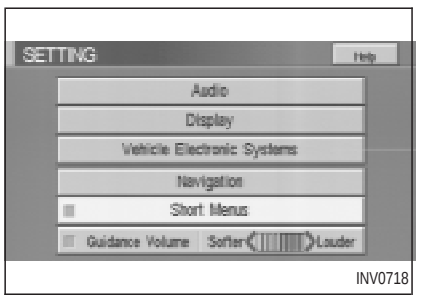
Route guidance is executed using voice and screen instruction. When the vehicle approaches an intersection where you need to turn, the voice guidance tells you the direction to take.

The system also has the following useful features:

- Enlarged display of intersections.
- Automatic re-routing when a vehicle is off the course (when map is displayed).

For more information on the Voice Guidance feature, please refer to section 10.

SHORT MENUS



To make the Infiniti Navigation System easier to use, there is a short menu function in which various operation items are reduced in number. When the indicator is illuminated, the short menus (Easy Mode) are displayed. When the indicator is turned off, the default navigation systems menus (Expert Mode) are displayed.

INFO:

- [Easy Mode] is the default setting on the initial screen at the delivery of your new vehicle.
- Term [Expert Mode] is used in this manual when the Short Menus key indicator is turned off. When the green indicator is highlighted, the system is set to [Easy Mode].
- When the SETTING, DEST or ROUTE button is pressed in the [Easy Mode] screen, the Help key is displayed.

  For more information on the Short Menu feature, please refer to section 4.

4 HOW DO I OPERATE THE INFINITI NAVIGATION SYSTEM?

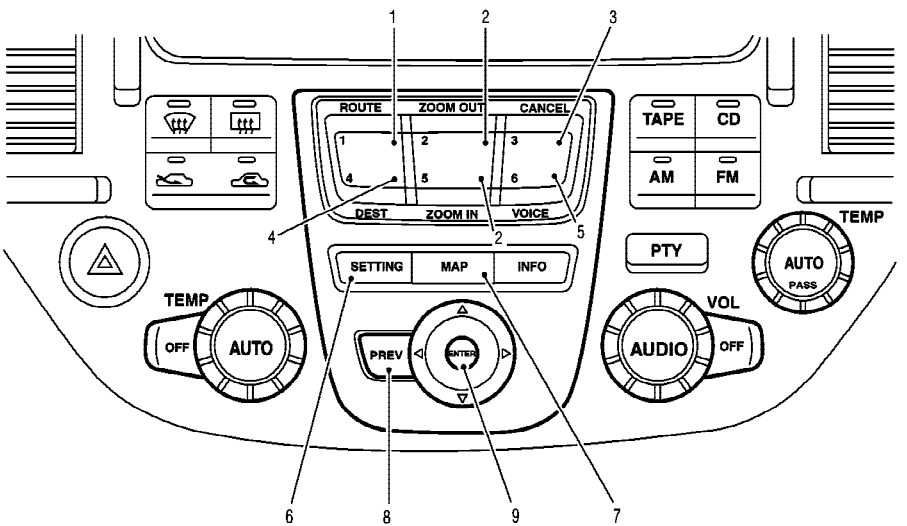
Control panel button functions 4-2
- Names of the components 4-3
- How to use the joystick and the enter button 4-3
- How to use the PREV button 4-4
- How to use the CANCEL button 4-4
- How to use the keys that appear on the display 4-5
- How to change the disc 4-12
- Setting up the start-up screen 4-13
- Confirmation of destination or waypoint 4-14
- Clearing the memory 4-16

Setting the average speed 4-17
About route guidance 4-18
- Notes on route guidance 4-19
- About the display error 4-20

Voice-activated control system (VACS) 4-21
- Using the system 4-21
- Voice command descriptions 4-22

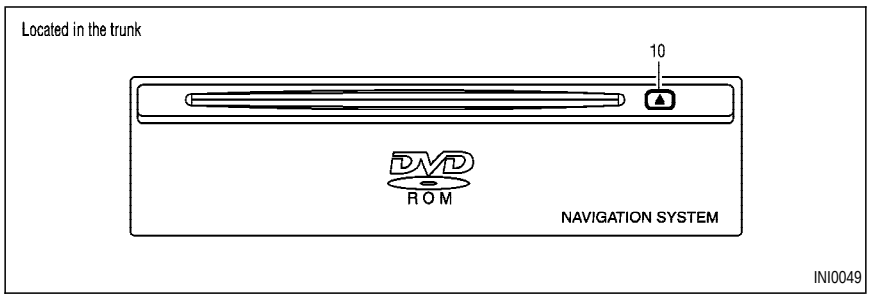
HOW DO I OPERATE THE INFINITI NAVIGATION SYSTEM?

CONTROL PANEL BUTTON FUNCTIONS



INI0048

NAMES OF THE COMPONENTS



1. ROUTE button; refer to page 4-10.
   Displays the setting menu screen at the time of route calculation.
2. ZOOM OUT / ZOOM IN button; refer to page 11-2.
   Alters the scale of the map display.
3. CANCEL button; refer to page 4-4.
   Cancels operations or the route guidance.
4. DEST button; refer to page 4-8.
   Displays the “Set a Destination” menu.
5. VOICE button; refer to page 10-4.
   Provides upcoming voice command from the current location.
6. SETTING button; refer to page 4-6.
   Performs various adjustments and settings to help you use the navigation system more effectively.
7. MAP button; refer to page 5-31.
   Toggles between the intersection and the map during route guidance. Returns to the map screen from the settings screen.
8. PREV button; refer to page 4-4.
   Returns to the previous screen during set-up.
   Finishes the set-up after it is completed.
9. JOYSTICK and ENTER button; refer to the next section.
   Scrolls the map, selects and sets each setting item.
10. ⏏ button
    Ejects the DVD.

HOW TO USE THE JOYSTICK AND THE ENTER BUTTON

The navigation system is operated basically by selecting keys on the screen with the joystick and pressing the ENTER button. Be sure to understand the operation of the joystick before using the navigation system.

Selecting the keys on the screen

Use the joystick to select keys on the screen.

The joystick can be tilted in eight directions. The selected key will be used highlighted in yellow.

INFO:

Use the joystick can be used to scroll the map.

Selecting the keys on the screen

Press the ENTER button.

The display shows the screen used to carry out the function of the selected key (highlighted in yellow).

HOW TO USE THE PREV *BUTTON*

This button has two functions.

To return to the previous screen:

When this button is pressed during setup, setup will be canceled, and the screen will return to the previous screen.

To finish the set-up:

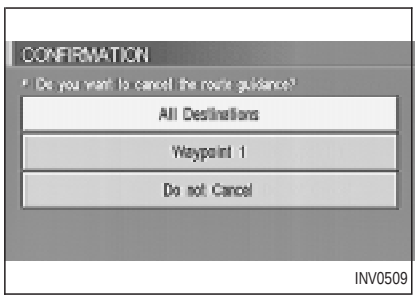
When this button is pressed after set-up is completed, the settings will be renewed as directed, and the screen will return to the map.

INFO:

When the PREV button must be pressed, (for example, after the set-up is finished) instructions are given in the operation procedure of each section in this manual. If the PREV button is pressed when not finishing the set-up, the setting will be canceled, and the screen will return to the previous screen.

HOW TO USE THE CANCEL *BUTTON*

This button has two functions; one is to temporarily turn off the route guidance and the other to delete the next waypoint.



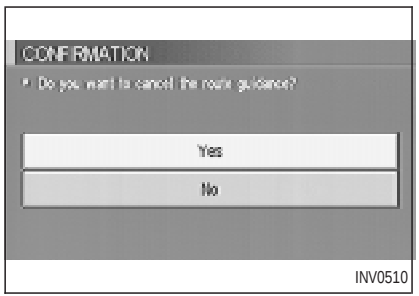
INV0509

When the CANCEL button is pressed, the [CONFIRMATION] screen is displayed with the following three keys.

- All Destinations
- Waypoint 1
- Do not Cancel

When the All Destinations *key is selected*

The route guidance is turned off temporarily.



INV0510

1. Select the [All Destinations] key.
2. When the [Yes] key is selected, the route guidance is turned off.

INFO:

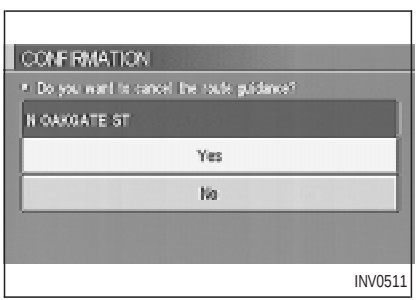
- When the [No] key is selected, the map will be displayed. When the [PREV] button is pressed, the previous screen will be displayed.
- To restart the route guidance, press the [VOICE] button.

When the [Waypoint 1] key is selected

INFO:

This key can be selected only when a waypoint is set.

Route guidance to the next waypoint is deleted.



INV0511

1. Select the [Waypoint 1] key.
2. When the [Yes] key is selected, the waypoint is deleted and route calculation will start.

INFO:

- When the [No] key is selected, the map will be displayed. When the [PREV] button is pressed, the previous screen will be displayed.

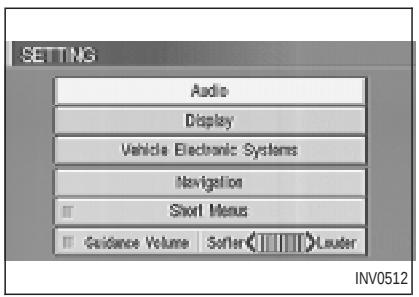
When the [Do not Cancel] key is selected

All Destination and Waypoints settings will be canceled and the display will return to the map screen.

HOW TO USE THE KEYS THAT APPEAR ON THE DISPLAY

When the buttons on the control panel are pressed, the display shows keys which are used for various settings. The keys that appear on the display when each button is pressed are explained in this section, while the detailed operations of keys are explained in each section.

Keys that appear when the SETTING button is pressed



This will display the navigational settings menu.

WARNING

For safety, some of the functions on the menu will be disabled while the vehicle is moving. To use the temporarily disabled functions, park the vehicle in a safe place, shift to P or N, and set the parking brake.

To use the navigation system more effectively, various adjustments and settings can be performed.

- Press the SETTING button.

Audio **key:**

No settings available for the navigation system.

Display **key:**

The key also adjusts the display Brightness/Contrast/Background.

Navigation **key:**

Changes various settings of the navigation system.

Short Menus **key:**

This key changes between [Expert Mode] and [Easy Mode].

Please refer to 3-4.

Guide Volume **key:**

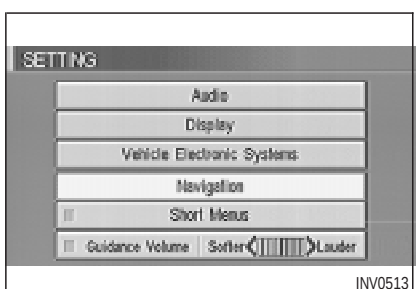
Adjusts or turns off volume of the voice guidance.

Please refer to “Adjusting the guide volume” on page 10-2.

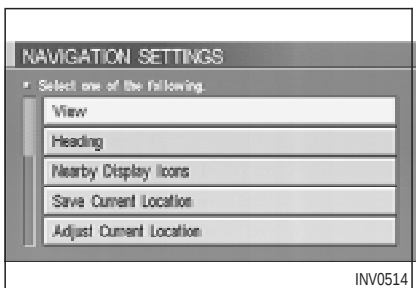
HELP **key:**

Only easy mode.

You can see the explanation of navigational functions.



- Select the Navigation key on the [NAVIGATION SETTINGS] screen.



View **key:**

This will let you choose between Birdview™ display and Planview display.

Please refer to "Switching between Birdview™ and Planview displays" on page 11-3.

Heading **key:**

You can set the map either to show the vehicle's current forward direction as up, or to show North as up.

Please refer to "Changing the display direction" on page 11-7.

Nearby Display Icons **key:**

Displays five types of points of interest around the current location.

Please refer to "Setting with the nearby key" on page 6-13.

Save Current Location **key:**

Stores the current vehicle location in the address book.

Please refer to "Storing current vehicle position" on page 7-3.

Adjust Current Location **key:**

Corrects the location and direction of the vehicle icon.

Please refer to "Updating the current vehicle location and the direction" on page 11-14.

Auto Re-route On/Off **key:**

A new route to the desired destination will be automatically be calculated again from the location when the vehicle is off the suggested route during route guidance.

Please refer to 9-2.

Avoid Area Setting **key:**

Defines areas to avoid when calculating a route.

Please refer to "Setting avoid areas" on page 8-2.

Clear Memory **key:**

Clears all the stored memory (Address Book, Avoid Area, Previous Dest.).

Please refer to "Clearing the memory" on page 4-16.

Edit Address Book **key:**

Changes the names and positions of the registered locations.

Please refer to “Setting up and editing the address book” on page 7-2.

GPS Information **key:**

GPS information will be displayed.

Please refer to “GPS information display” on page 11-13.

Quick Stop Customer Settings **key:**

Sets the user-defined [Quick Stop] POI (Point Of Interest).

Please refer to “Quick stop” on page 5-34.

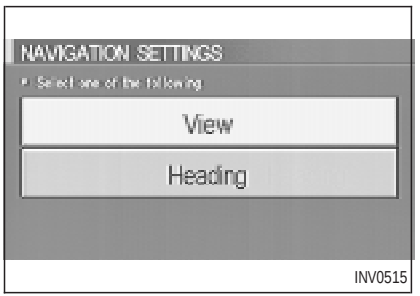
Set Average Speed for Estimated Journey Time **key:**

Please refer to “Setting the average speed” on page 4-17.

Tracking On/Off **key:**

You can choose whether to display the path from the start to the current position.

Please refer to “Displaying the track” on page 11-12.



INV0515

Easy Mode — when Short Menus key is selected

View **key:**

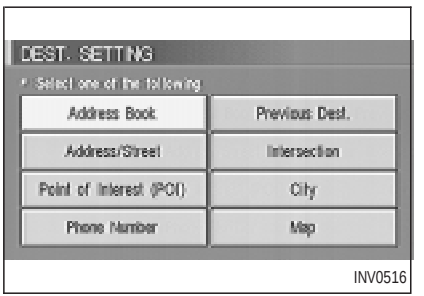
Same as in Expert Mode.

Heading **key:**

Same as in Expert Mode.

Keys that appear when the DEST button is pressed

Sets destinations (final destination and waypoints) to search for a route.



INV0516

This will activate various navigational functions.

WARNING

For safety, some of the functions on the menu will be disabled while the vehicle is moving. To use the temporarily disabled functions, park the vehicle in a safe place and shift to P or N, and set the parking brake.

- Address Book **key:**

Use this category item if you want to go to places stored in the address book.

Please refer to "Setting with Address Book key" on page 5-3.

- Previous Dest. **key:**

You can choose destinations from the last 10 destinations set.

For details, please refer to "Setting with Previous Dest. key" on page 5-5.

- Address/Street **key:**

Use this category item if you know the city name, street name and house number of the destination (waypoints).

Please refer to "Setting with Address/Street key" on page 5-6.

- Intersection **key:**

Sets a destination using the intersection of 2 streets.

Please refer to "Setting with Intersection key" on page 5-12.

- Point of Interest (POI) **key:**

Use this category item if you want to go to a restaurant, hotel, gas station or other facility.

Please refer to "Setting with Point of Interest (POI) key" on page 6-2.

- City **key:**

Sets the destination (waypoint) on the map screen of the area around the input city.

Please refer to "Setting with City key" on page 5-18.

- Phone Number **key:**

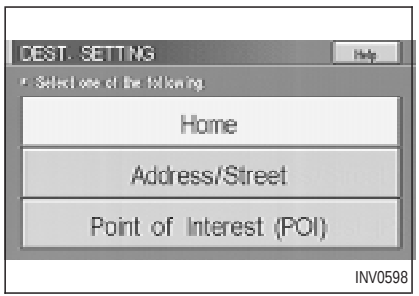
Use this category item when the destination phone number is known.

Please refer to "Setting with Phone Number key" on page 5-22.

- Map **key:**

Use this category item if you want to choose the place directly on the map display.

Please refer to "Setting with Map key" on page 5-24.



INV0598

Easy Mode

HELP **key:**

You can see the explanation of the navigational functions.

Home **key:**

When you set your home in the address book, a route home will be calculated by selecting this key.

If the home is not set beforehand, the setting mode will appear to input the home address.

Address/Street **key:**

Same as in Expert Mode.

Point of Interest (POI) **key:**

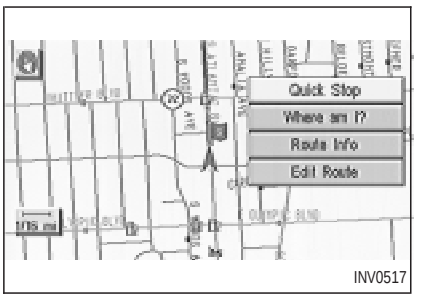
Same as in Expert Mode.

Keys that appear when the ROUTE button is pressed

When the ROUTE button is pressed while the current location is displayed on the screen, the display shows the following keys.

INFO:

When no operations are executed after a few seconds, the keys will disappear automatically.



INV0517

Quick Stop **key:**

Selects the destination (waypoints) from a list of 5 commonly used POI (Points of Interest).

Please refer to “Quick stop” on page 5-34.

Where am I? **key:**

Displays the street where the vehicle is currently located, the previous street, and the upcoming street.

Please refer to “Where am I” on page 5-37.

Route Info **key:**

Displays the route to the destination. There are three types of display methods.

Complete Route **key:**

Displays the entire routes from the current location to the destination.

Please refer to “Displaying the complete route to the destination” on page 11-9.

Turn List **key:**

Displays a list of the guidance points for the entire routes to the destination on a simple map.

Please refer to “Displaying turn list” on page 11-10.

Route Simulation **key:**

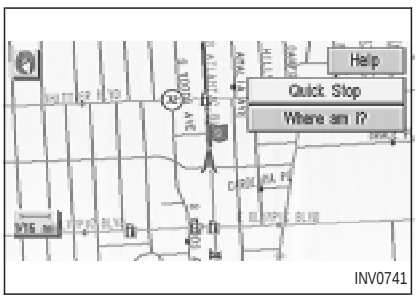
Performs a simulation drive on the map screen by moving a vehicle icon on all the routes from the current location to the destination.

Please refer to “Requesting the simulation drive to the destination” on page 11-11.

Edit Route **key:**

Resets the set destination (waypoint).

Please refer to “Making the system guide the route with detailed options” on page 5-26.



INV0741

Easy Mode

HELP **key:**

You can see the explanation of the navigation functions.

Quick Stop **key:**

Same as in Expert Mode.

Where am I? **key:**

Same as in Expert Mode.

Keys that appear when the map is scrolled with the joystick

You can scroll the map display and get information about the area near your vehicle and the destination using the joystick.

INFO:

- This function can be used when the original map disc is inserted.
- You can operate this with the map display on.
- This function cannot be used when the system is calculating the route or drawing the screen.

Store Place **key:**

You can store the location with the cross pointer.

Please refer to “Storing current vehicle position” on page 7-3.

Destination # **key:**

You can set the position as a destination, using the cross pointer. The maximum number of destinations is six, and the last one stored will be the final destination. (# will appear on the map to denote the selected locations from 1 to 6.) Please refer to “Making the system guide the route with detailed options” on page 5-26.

HOW TO CHANGE THE DISC

INFO:

The navigation system is installed behind the cover located on the upper left in the trunk.

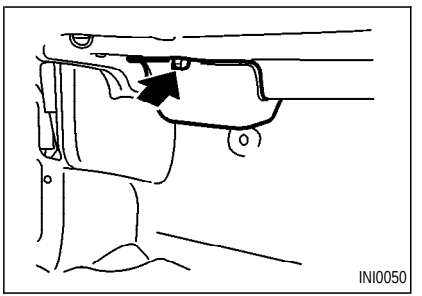
This system is provided with the map DVD-ROM.

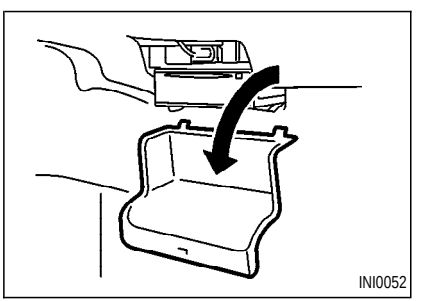
NOTE:

Please take great care in handling the disc.

How to eject/insert the disc

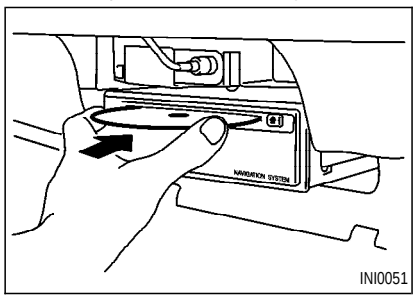
1. Press the lock on the cover for the navigation system in the trunk.



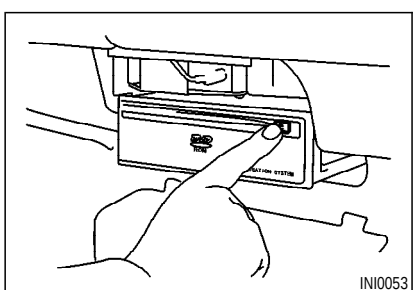


2. Pull the cover toward you to open.
3. To insert a disc:

It will be drawn in automatically. You do not have to push it in all the way.



INI0051


INI0053

To eject the disc:
Press the ⏏ button.

4. Close the cover.

CAUTION

- ***The included map DVD-ROM is designed specifically for your navigation system. Do not use it in another system as it could cause a malfunction.***
- ***Do not allow the system to get wet. Excessive moisture such as spilled liquids may cause the system to malfunction.***

SETTING UP THE START-UP SCREEN

INV0518

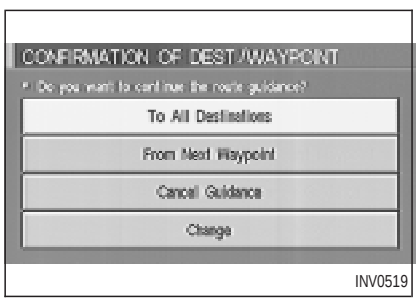
When you turn the ignition key to ACC, the above warning is displayed on the screen: Read the warning and select the I Agree key.

INFO:

If you do not press the ENTER button, the system will not proceed to the next step display.

CONFIRMATION OF DESTINATION OR WAYPOINT

When the engine is turned off during route calculation and then turned on, the [CONFIRMATION OF DEST./WAYPOINT] screen will be displayed after the [SYSTEM START-UP] screen.



INV0519

In the [CONFIRMATION OF DEST./WAYPOINT] screen, the following four keys are displayed.

- To All Destinations
- From Next Waypoint
- Cancel Guidance
- Change (only in Expert Mode)

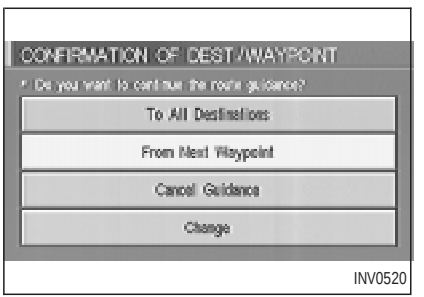
INFO:

When the PREV or MAP button is pressed in this screen, the [Turn by turn] screen will be displayed.

When the To All Destinations key is selected

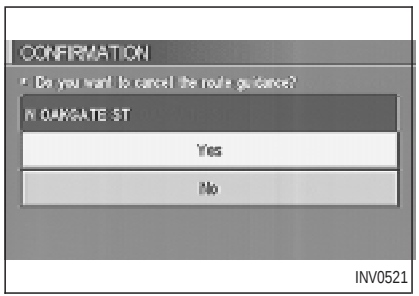
Route guidance will start to all destinations/waypoints from the current location.

When the From Next Waypoint key is selected



INV0520

1. Select the From Next Waypoint key.



INV0521

2. When the Yes key is selected, route guidance to the current waypoint is deleted and route calculation to the next destination will start.

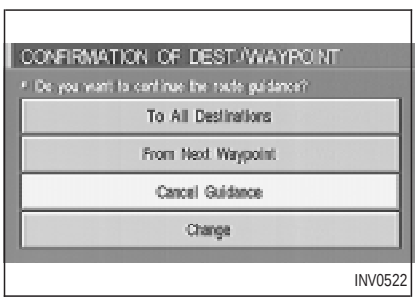
INFO:

- If you do not want to delete the route guidance, select the No key and the screen will return to the map.
- This key can be selected only when a waypoint is set.
- When the PREV button is pressed, the previous screen will be displayed.

Select the key when you want to start route guidance to the next waypoint/destination.

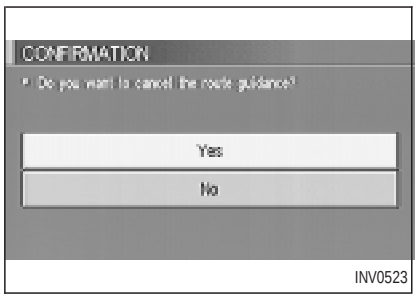
When the Cancel Guidance key is selected

The route guidance is canceled.



INV0522

1. Select the Cancel Guidance key.



INV0523

2. When the Yes key is selected, route guidance is canceled.

INFO:

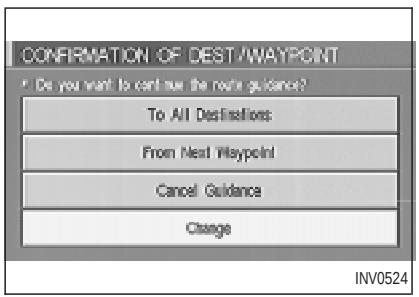
- If you do not want to delete the route guidance, select the No key and the screen will return to the map.
- Press the VOICE button to activate the route guidance again.
- When the PREV button is pressed, the previous screen will be displayed.

When the Change *key is selected*

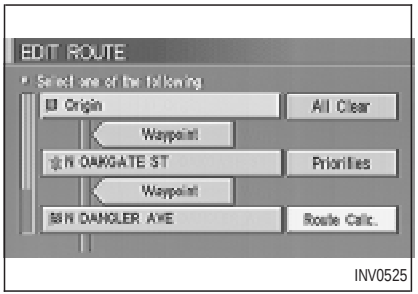
It is possible to edit the route guidance to the destination.

INFO:

This key is displayed only in [Expert Mode].



1. Select the Change key.



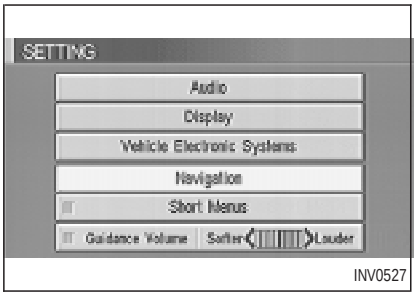
2. The [EDIT ROUTE] screen will be displayed.

Please refer to “Setting the waypoints” on page 5-27.

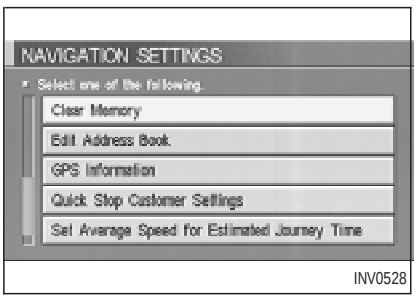
CLEARING THE MEMORY

All the stored data (Address Book, Avoid Area, Previous Dest) can be cleared.

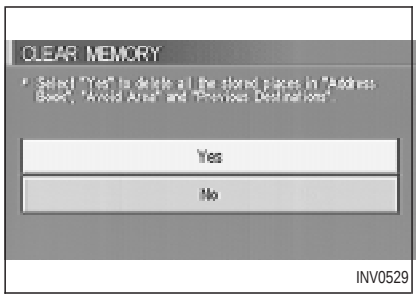
1. Press the SETTING button.



2. Select the Navigation key on the [NAVIGATION SETTINGS] screen.

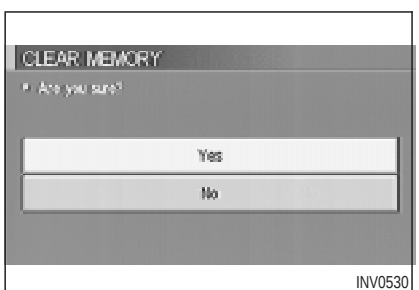


3. Select the Clear Memory key.



INV0529

4. Select the Yes key.



INV0530

5. When the Yes key is selected, the stored data will be cleared, and the [NAVIGATION SETTINGS] screen will appear.

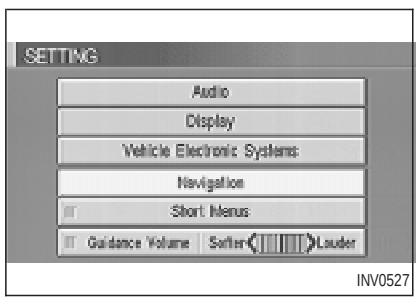
SETTING THE AVERAGE SPEED

This navigation system can calculate and display the expected arrival time to the destination. To do this, set average vehicle speeds when driving on freeways, main roads and ordinary roads.

The following settings are available.

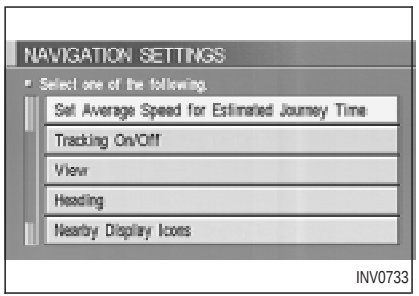
- Freeway
  Default: 55 MPH (90 km/h)
  Max: 70 MPH (115 km/h)
  Min: 40 MPH (65 km/h)
- Main Roads
  Default: 25 MPH (40 km/h)
  Max: 40 MPH (65 km/h)
  Min: 10 MPH (15 km/h)
- Others
  Default: 15 MPH (25 km/h)
  Max: 35 MPH (55 km/h)
  Min: 5 MPH (10 km/h)

1. Press the SETTING button.

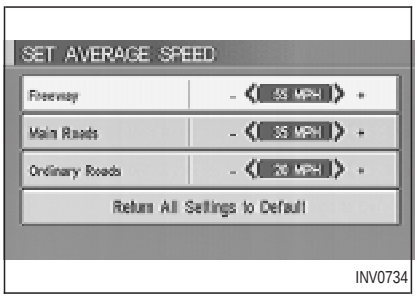


INV0527

2. Select the Navigation key on the [SETTING] screen.



3. Select the Set Average Speed for Estimated Journey Time key on the [NAVIGATION SETTINGS] screen.



4. Move the joystick upward or downward to select an item you want to change.
5. Move the joystick left or right and set an average vehicle speed.

INFO:

- It is possible to set the item illuminated in yellow.
- When the Return All Settings to Default key is selected, all settings return to default.

ABOUT ROUTE GUIDANCE

- The Infiniti Navigation System may not calculate routes of about 1,100 miles (1,770 km). If your trip is longer than 1,100 miles (1,770 km), please divide your trip by selecting one or two intermediate destinations. Set your destination as the first intermediate destination. Once your pass the intermediate destination, you may set your final destination. Once you pass the intermediate destination, you may set your final destination as your destination if it is within 1,100 miles (1,770 km). Depending on the complexity of the route, the navigation system may not calculate routes of 1,100 miles (1,770 km) or more. Otherwise, set your destination using your second intermediate destination.
- Directional guidance provided by the navigation system does not factor in the constraints of carpool lane driving.

NOTES ON ROUTE GUIDANCE

- The route selected by the system may not be the shortest, nor are other circumstances such as traffic jams considered.
- Because of the inevitable difference in road conditions and circumstances between the time you use this system and the time the information was produced from the DVD, there may be discrepancies in roads and regulations. In such cases, follow the actual information available.
- During route calculation, the map will not scroll, however the vehicle icon will move with the actual vehicle's movement.
- During route calculation, buttons such as MAP, DEST, ZOOM OUT and ZOOM IN and the joystick will be disabled.
- In some cases, after the calculation is complete, it may take some time to get the calculated route on the display.
- Waypoints that have been passed will not be covered by the re-routing calculation.
- If you scroll the map while the suggested route is being drawn, it may take more time to finish drawing.
- If waypoints are set, the system is calculating multiple routes between waypoints simultaneously, and the following may result.

— If one section (or more) of the routes between the waypoints is not found, none of the route will be displayed.

— The route may not connect completely at some waypoints.

— The route may require a U-turn close to some waypoints.

- Route calculation may not be completed in the following cases.

NOTE:

The navigation system does not take driving in "CAR POOL LANES" into consideration for the guidance.

— If there is no main road within 3.1 miles (5 km) from the vehicle, a message saying so will appear on the screen. Try requesting route calculation when the vehicle is closer to the main road.

— If there is no main road within 3.1 miles (5 km) from the destination or waypoint, a message saying so will appear on the screen. Try setting the location closer to the main road.

— If the vehicle is too close to the destination or if there are no branches of the roads to the destination. A message saying so will appear on the screen.

— If it is deemed impossible to reach the destination or waypoints because of traffic regulations, etc.

— If the only route to reach the destination or waypoints is extremely complicated.

— If the destination, current vehicle position or waypoint is within the *avoid area*.

— If the setting of *avoid areas* covers the routes to the destination, route calculation may not be possible.

• The following may occur when the route is being displayed.

— Even if you are requesting calculation from the main road, the origin of the route may not exactly match the current vehicle position.

— Even if you are requesting calculation to the destination on the main road, the end of the route may not exactly match the destination.

— Even if you are requesting calculation from the main road, the system may show a route from another main road. This may be because the icon to show the current vehicle position (vehicle icon) is not set accurately. In that case, park the car in a safe place and reset the vehicle icon, or continue driving to see if the vehicle icon appears on the main road before requesting route calculation again.

— There are cases in which the system shows a detoured route to reach the destination or waypoints, if you set them from memory or facility information. In order to correct this, you will have to be careful about the traffic direction, especially when the lanes with different travel directions are shown separately. Such places are interchanges and service areas.

— This system makes no distinction between limited traffic control and total control (blockage). It may show a detoured route even if the road is usable.

— Even if the freeway preference is set to OFF, the route may be set on them. To avoid this, set a waypoint on another road type and request calculation.

— Even if the preference is set as OFF for a ferry line, the route may be set on it. To avoid this, set a waypoint on a road and request calculation.

— Ferry lines, except those which accept only pedestrians, bicycles and motorcycles, are stored in this system. When using them, take into consideration the travel time required and operational condition to decide whether to use them or not.

ABOUT THE DISPLAY ERROR

The following cases may affect the display accuracy of the vehicle's position or travel direction. The accuracy will return to normal if the driving conditions return to normal.

— When there is a similar road nearby.

— When the vehicle is traveling on a long stretch of straight road or series of curves with a large radius.

— When the vehicle is traveling in an area with a checkerboard road system.

— When the vehicle is making consecutive S curves.

— When the vehicle is at a large Y-shaped junction.

— When the vehicle is on a loop bridge.

— When the vehicle is on a snow-covered or unpaved road.

— When the vehicle has made several consecutive turns or traveled zigzag.

— When the vehicle is rotated on a parking lot turntable while the ignition switch is OFF.

— Immediately after the vehicle is driven out of a parking garage or underground parking lot.

— When the vehicle has different sizes of tires or tire chains.

— When the vehicle is moved immediately after the engine is started.

VOICE-ACTIVATED CONTROL SYSTEM (VACS) (if so equipped)

The VACS (Voice-Activated Control System) provides a safe and convenient way of controlling vehicle systems such as the phone, audio, climate control and navigation system. The system is controlled by the PTT (Push to talk) button. Voice commands are picked up by a microphone. When giving a command, voice feedback will be heard through the speaker, and messages will be shown on the display. Voice feedback can be turned off if necessary. Personal directories of nametags for phone dialing and radio station presets can be created, and spoken command help is provided.

For details, please refer to the vehicle Owner's Manual.

USING THE SYSTEM

Initialization

When the ignition switch is turned to the ON position, the initialization of the system is carried out, which takes a few seconds. When complete, the system is ready to accept voice commands. If the button is pressed before initialization is complete, the message center display will show "VOICE NOT READY".

Operating tips

To get the best results from the system, observe the following:

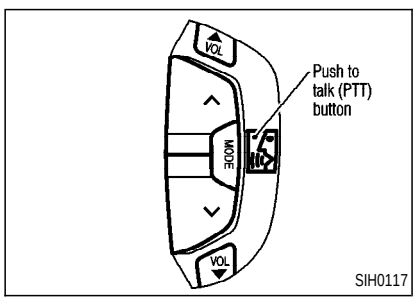
- Close the window before operating the voice-activated control system (VACS). The voice-activated control system may not be able to recognize voice commands due to surrounding noises (travel noise and vibration). Be sure to operate the system when the vehicle interior is quiet. While the PTT button is pushed with the automatic climate control system fan speed on level 4 or 5,

the fan speed is lowered down to level 3.

- After pressing the PTT button, always wait for the beep before speaking.
- Speak in a natural voice without pausing between words.

Giving voice commands

1. Turn the ignition switch to the ON position.
2. Push an instant PTT (Push to talk) button on the steering wheel.



3. The beep will sound.

If the system is processing a command or the phone is being used, an error beep will sound and a message such as "COMMAND CANCELED", or "ASSIST IN USE", will be displayed.

4. If the VACS is activated, "LISTENING" will be displayed on the screen.
5. Say a command*.

*: Refer to the command list later in this section.

- **If you do not speak a command within 5 seconds, the beep will sound and "NO SPEECH DETECTED" will be displayed on the screen.**
- **To cancel the command, press the PTT button during feedback. The "COMMAND CANCELED" will be displayed on the screen and finish.**

6. If a command is activated, aural and visual feedback will be provided.
7. To skip the aural-feedback for a command, press the PTT button during feedback.

VOICE COMMAND DESCRIPTIONS

In the command descriptions, optional words are shown in square brackets [ ].

General commands

- [VOICE] FEEDBACK ON/OFF
  Turns voice feedback successively on and off.
- VOICE DELETE MEMORY A/B
  Deletes the trained voice stored in memory A or B.
- VOICE [PLAY] DIRECTORY
  Lists the personal nametags stored with each memory location.
- VOICE DELETE DIRECTORY
  Deletes the personal nametag stored with each memory location.

Dialog commands

- YES/NO
  Confirms a command after the prompt "Please say YES or NO".
- CANCEL
  Cancels a command after the prompt "Please say YES, NO or CANCEL".
- CORRECT/CORRECTION
  To clean the last group of numbers entered when using the phone enter command.
- DIAL
  To accept the dial, say DIAL after entering the phone number.
- STORE
  To store the phone number, say STORE after entering the phone number.

Help commands

- HELP
  Gives spoken information about the voice activation system.
- HELP DIRECTORY
  Gives spoken information about the directory voice commands.
- HELP RADIO
  Gives spoken information about the radio voice commands.
- HELP RADIO MEMORY
  Gives spoken information about the radio memory commands.
- HELP TAPE/CASSETTE
  Gives spoken information about the cassette tape voice commands.

  Example:

  - HELP TAPE
  - HELP CASSETTE
- HELP CD [CHANGER/DJ]
  Gives spoken information about the CD player voice commands.
- HELP AUDIO
  Gives spoken information about the audio voice commands.
- HELP PHONE/TELEPHONE
  Gives spoken information about the phone voice commands.
- HELP PHONE/TELEPHONE MEMORY
  Gives spoken information about the telephone memory commands.
- HELP CLIMATE [CONTROL]
  Gives spoken information about the climate control voice commands.
- HELP DISPLAY
  Gives spoken information about the display commands.
- HELP VOICE MEMORY
  Gives spoken information about the voice memory commands.
- HELP NAVIGATION
  Gives spoken information about the navigation commands.

Navigation commands

- NAVIGATION [ON]
  Turns map on.
- NAVIGATION OFF
  Turns map off.
- ZOOM IN
  Alters the scale of map display.
- ZOOM OUT
  Alters the scale of map display.
- BIRD VIEW
  Switches to BIRDVIEW display.
- PLAN VIEW
  Switches to PLANVIEW display.
- HERE FUNCTION
  Displays the street on which the vehicle is currently located, the previous street and the upcoming street.
- HOME
  Sets HOME as the destination.
- SAVE CURRENT LOCATION
  Stores current vehicles position in the navigation computer memory.
- [SHOW] NORTH UP
  Changes the display direction.
- [SHOW] HEADING UP
  Changes the display direction.
- INTERSECTION MAP
  Shows the intersection map.
- REPEAT [VOICE GUIDANCE]
  Repeats the voice guidance.
- ROUTE GUIDANCE CANCEL
  Turns route guidance off.
- ROUTE GUIDANCE ON
  Turns route guidance on.
- VOICE MUTE
  Turns the guidance volume off.
- VOICE ON
  Turns the guidance volume on.
- SOFTER
  Decreases the voice guidance volume by 1 step.
- LOUDER
  Increases the voice guidance volume by 1 step.
- PREVIOUS
  Returns to the previous screen.
- DIMMER ON
  Turns DIMMER on.
- DIMMER OFF
  Turns DIMMER off.

5 HOW DO I PROGRAM A DESTINATION?

Various ways to set the destination (or waypoint) 5-2
- Expert mode categories 5-2
- Easy mode categories 5-2
- Setting with [Address Book] key 5-3
- Setting with [Previous Dest.] key 5-5
- Setting with [Address/Street] key 5-6
- Setting with [Intersection] key 5-12
- Setting with [Point of Interest (POI)] key 5-18
- Setting with [City] key 5-18
- Setting with [Phone Number] key 5-22
- Setting with [Map] key 5-24
- Setting with [Home] key 5-25

Having the system guide you to the destinations 5-26
- Making the system guide the route with detailed options 5-26

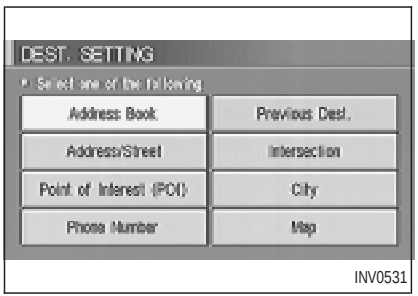
Adjusting and deleting the pre-set destination (waypoints) 5-31
Quick stop 5-34
Where am I? 5-37

HOW DO I PROGRAM A DESTINATION?

VARIOUS WAYS TO SET THE DESTINATION (OR WAYPOINT)

WARNING

To operate the navigation system or to use the screen functions, first park the vehicle in a safe place and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident.

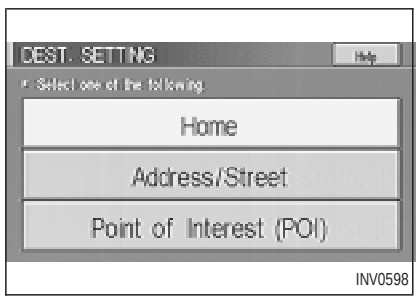


INV0531

EXPERT MODE CATEGORIES

To set the destination and waypoints, you can choose from the eight categories described below. Use these options to choose the best way to find the route to the destinations and waypoints.

- Address Book
- Previous Dest
- Address/Street
- Intersection
- Point of Interest (POI)
- City
- Phone Number
- Map



INV0598

EASY MODE CATEGORIES

When the Expert Mode is canceled, the following three categories will be displayed as Easy Mode.

- Home
- Address/Street

- Point of Interest (POI)

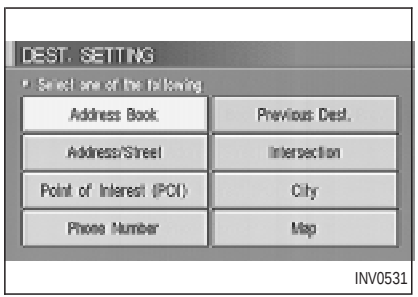
INFO:

- Use the [Address Book] key and the [Point of Interest (POI)] key in the same way as in Expert Mode.
  Please refer to "Setting with Address Book key" and "Setting with Point of Interest (POI) key" on pages 5-3 and 6-2.
- If the [Short Menus] key is not highlighted in green in the [SETTING] screen, the screen is in Easy Mode. In this case, the keys displayed are different from the screen in Expert Mode.
- If you set a destination or waypoints, they will be displayed with icons.
- If you want to go to places close to the stored locations or facilities, use categories such as facility, nearby facility or memory for easier setting.
- When using either the Point of Interest (POI) or nearby Points of Interest categories, the names called up can be set as the destination if you do not scroll the screen. If you want to choose a different place on the screen from the one called up, you will have to scroll the screen.

SETTING WITH [Address Book] KEY

The Address Book will allow you to store locations in the memory. This is especially useful for locations that you visit frequently.

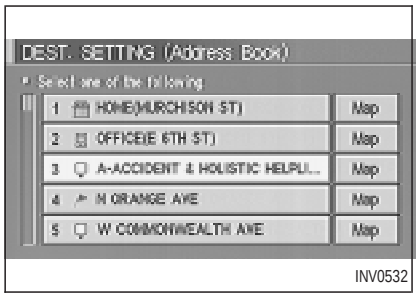
Please refer to "Setting up and editing the address book" on page 7-2.



1. Press the [DEST] button.
2. Select the [Address Book] key on the [DEST. SETTING] screen.

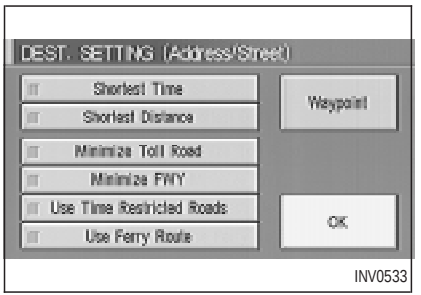
The [DEST. SETTING (Address Book)] screen will be displayed.

HOW DO I PROGRAM A DESTINATION?



INV0532

3. Select the item key of your destination (waypoints) on the [DEST. SETTING (Address Book)] screen.

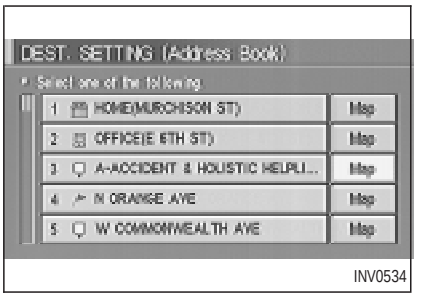


INV0533

To set the destination (waypoints), refer to "Making the system guide the route with detailed options" on page 5-26.

INFO:

Use the joystick to scroll the display.



INV0534

NOTE:

To slightly alter the destination.

Select the Map key to display the map screen of the area around the specified destination (waypoints).

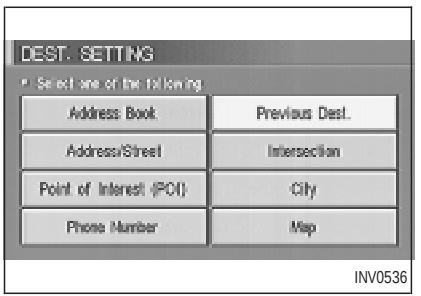
INV0535

4. If necessary, operate the joystick to adjust the location of the destination (waypoint). Press the ENTER button. Select the Destination key to confirm. The [DEST. SETTING] screen will be displayed. To set the destination (waypoint), refer to “Making the system guide the route with detailed options” on page 5-26.

SETTING WITH Previous Dest. *KEY*

This system memorizes the last 10 destinations previously chosen.

To set new destinations or waypoints from the previous destinations.



INV0536

1. Press the DEST button.
2. Select the Previous Dest. key on the [DEST. SETTING] screen.

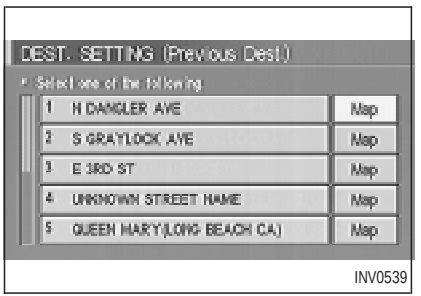
A total of 10 destinations and locations previously set will be displayed.

INV0537

3. Select the item key of your destination (waypoints) on the [DEST. SETTING (Previous Dest.)] screen.

INV0533

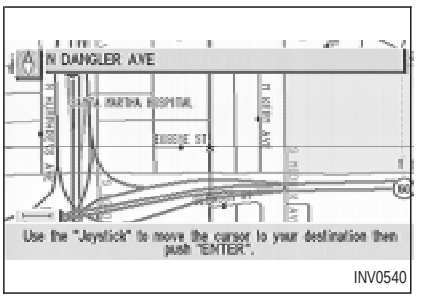
4. To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page 5-26.



INV0539

NOTE:

To slightly alter the destination, select the [Map] key to display the map screen of the area around the specified destination (waypoints).



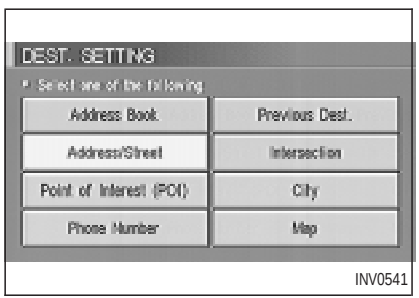
INV0540

5. If necessary, operate the joystick to adjust the location of the destination (waypoints). Press the ENTER button. Select the [Destination] key to confirm. The [DEST. SETTING] screen will be displayed. To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page 5-26.

SETTING WITH [Address/Street] KEY

Sets the destination (waypoints) from the street names and addresses that you enter.

There are two search methods; direct search by the street names, and search by the street names after the state and/or the city are defined.

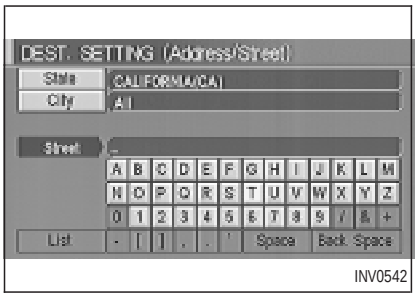


INV0541

1. First press the DEST button.
2. Select the Address/Street key.

NOTE:

If a house number is entered and it is not a "direct hit" for house numbers already stored in the database, then only a map to the general vicinity will be displayed.



INV0542

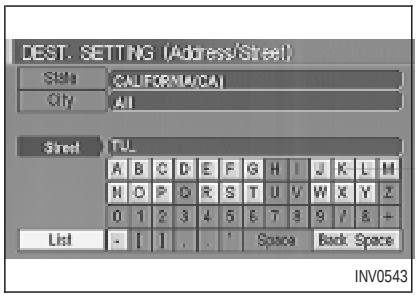
Setting with the List key

The List key is used when you know the names of the destination and waypoints.

1. A keyboard will be displayed on the [DEST. SETTING (Address/Street)] screen. Enter the street name you want to set.

INFO:

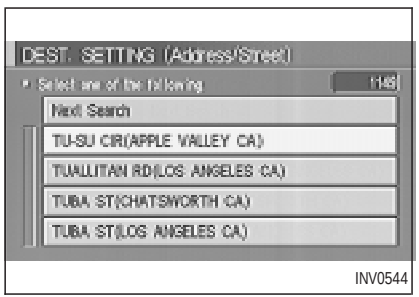
It is not possible to enter names if they are not stored in the DVD-ROM.



INV0543

2. Enter the street name of your destination. For example, enter T, then U.
3. Enter U, then select the List key. The list screen of street names which begin with TU will appear.

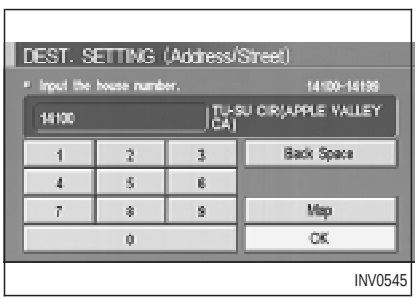
HOW DO I PROGRAM A DESTINATION?



INV0544

- If less than 5 suggested streets remain, they will be displayed automatically.
- The city names and street names will be displayed.
- Use the joystick to scroll the display.
- When the [Next Search] key is selected, it is possible to narrow down cities. To use this function, refer to "Setting with the [City] key" on page 5-11.
- When the [PREV] button is pressed, the screen to input street names will be displayed.

4. Select one street of your destination.



INV0545

5. Enter the house number.

Select the [OK] key.

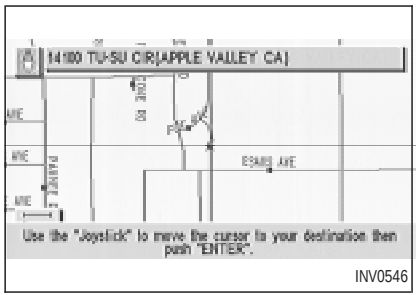
INFO:

It may be not possible to specify a location after selecting the [OK] key. In that case, a list of locations which correspond to the entered house number will be displayed.

NOTE:

To slightly alter the destination, select the [Map] key to display the map of the area around the house number.

- An approximate location corresponding to the entered house number is displayed. If necessary, correct the location using the joystick.
- The location displayed by the calculation using the house number may differ from the actual location. In that case, correct the location using the joystick.



INV0546

- Press the ENTER button.
- Select the [Destination] key.

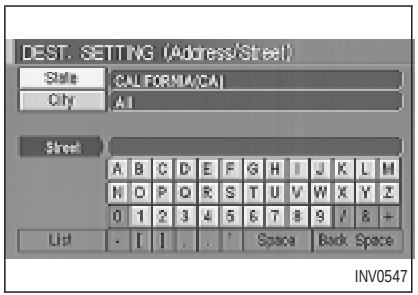
INFO:

For streets with no house numbers stored in the data, the map of a typical location will be displayed.

INV0533

The [DEST. SETTING (Address/Street)] screen will appear.

Please refer to “Making the system guide the route with detailed options” on page 5-26.



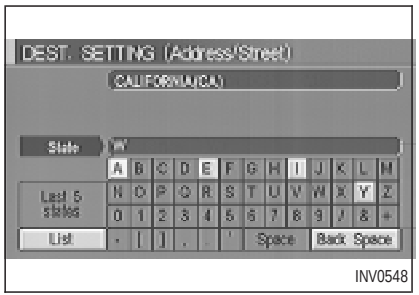
INV0547

Setting with the [State] key

The [State] key is used when you select a state to set the destination.

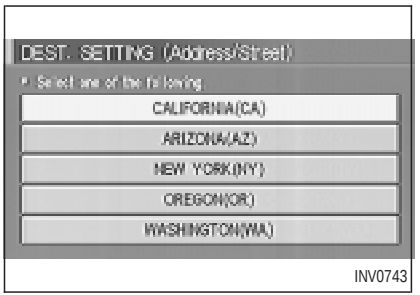
1. Select the [State] key.

HOW DO I PROGRAM A DESTINATION?



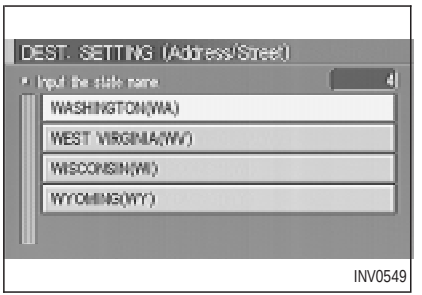
INV0548

2. The display shows the screen to select states.
   Input a state name.



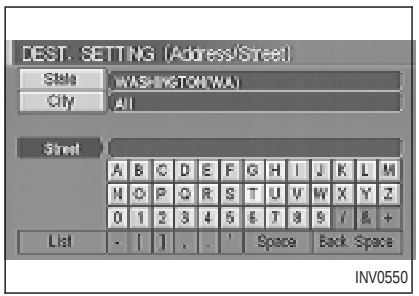
INV0743

When the Last 5 States key is selected in step 2, the history of the previous five settings will be listed.



INV0549

3. The display shows the state list.
   Select a state name.

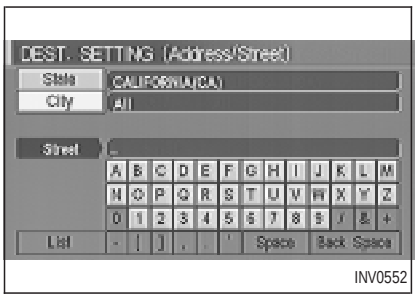


INV0550

4. The screen returns to the [DEST. SETTING (Address/Street)] screen.
   When the state is set, the display shows the selected state side State key.

   Input the street name.

   Please refer to "Setting with the List key" on the previous section.



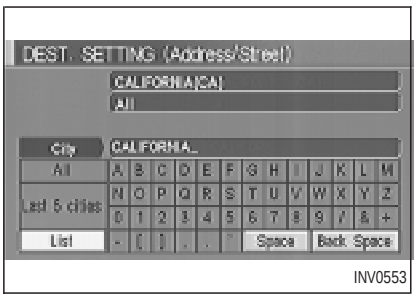
INV0552

Setting with the City key

The City key is used when you select a city to set the destination.

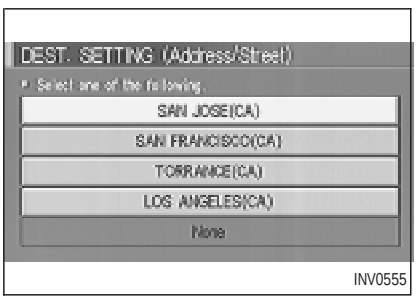
1. Select the Address/Street key on the [DEST. SETTING (Address/Street)] screen. Select the City key.

- The display shows the screen to retrieve cities.



INV0553

2. Input a city name.



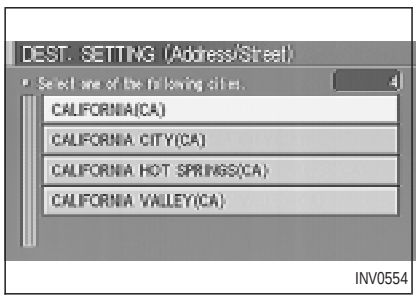
INV0555

When the Last 5 Cities key is selected in

step 2, the history of the previous five settings will be listed.

INFO:

It is not possible to select cities if they are not in the state you set.



INV0554

3. The display shows the city list.

   Select a city of your choice.

INV0556

4. The screen returns to the [DEST. SETTING (Address/Street)] screen.

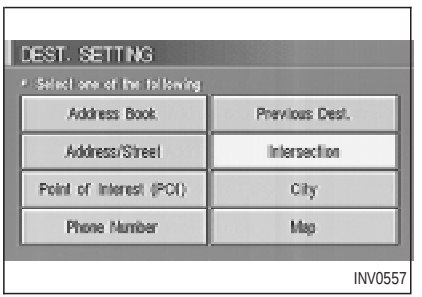
   When the city is set, the display shows the selected city side the [City] key.

   Input the street name of your choice.

Proceed to “Setting with the [List] key” on page 5-7.

SETTING WITH [Intersection] KEY

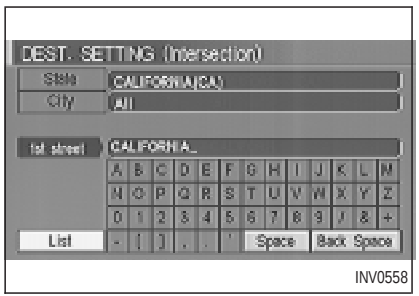
This will allow you to set an intersection as a destination (waypoints).



INV0557

1. Press the [DEST] button.
2. Select the [Intersection] key.

   A keyboard will be displayed.

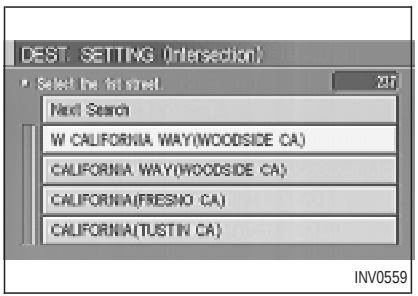


INV0558

Setting with the List *key*

The List key is used when you know the names of the destinations and waypoints.

1. Enter the first street name where the destination (waypoints) is located using the keyboard, then select the List key.

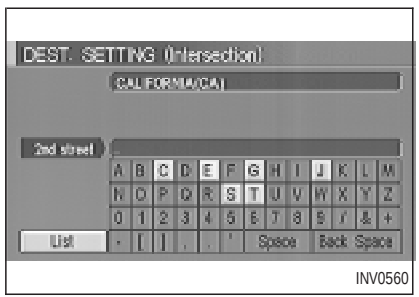


INV0559

2. Select the first street name using the same procedures.

INFO:

- When the Next Search key is selected, it is possible to narrow down states and cities. To use this function, refer to "Setting with the City key" on page 5-16.
- For a road where lanes with different traffic directions are shown separately, the list shows first street name, second street name, ...
- When entering a street name, enter a minor street name as the first street and the calculation will be easier and quicker.

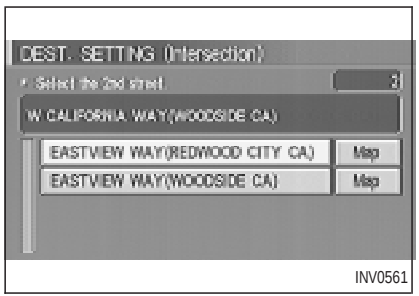


INV0560

3. Enter the 2nd (intersecting) street name, then select the List key.

INFO:

If there are less than 5 streets which intersect the first street, they will be displayed automatically.



INV0561

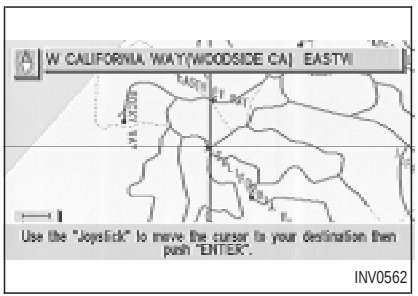
4. Select the name of the second street.

The [DEST. SETTING (Intersection)] screen will appear.

5. To set the destination, refer to “Making the system guide the route with detailed options” on page 5-26.

NOTE:

To slightly alter the destination, select the Map key to display the map on which the intersection is located.

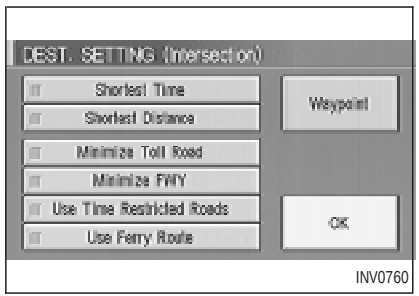


INV0562

6. Press the ENTER button. Select the Destination key.

INFO:

If necessary, adjust the position using the joystick.



INV0760

The [DEST. SETTING (Intersection)] screen will appear.

To set the destination, refer to “Making the system guide the route with detailed options” on page 5-26.

NOTE:

When the corresponding data does not exist under the following conditions, the street name list may not be displayed:

- **A street name is being input after the City key has been selected.**

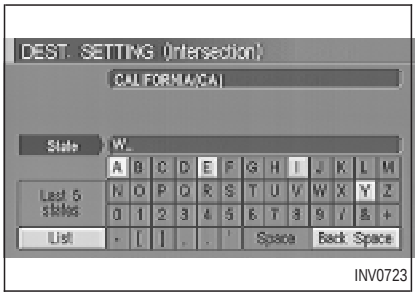
- **List is being displayed by selection of the [List] key.**

INV0722

Setting with the [State] key

The [State] key is used when you select a state to set the destination.

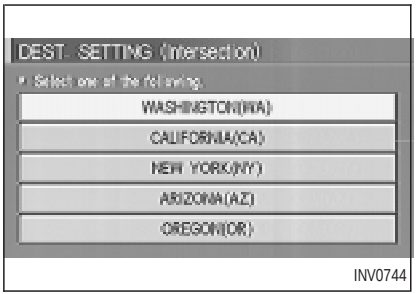
1. Select the [State] key.



INV0723

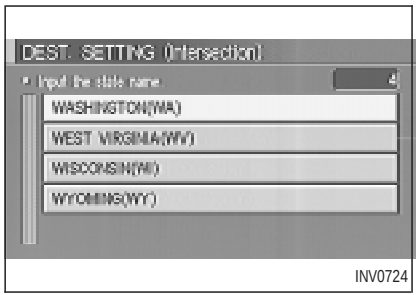
2. The display shows the screen to select states.

   Input a state name.



INV0744

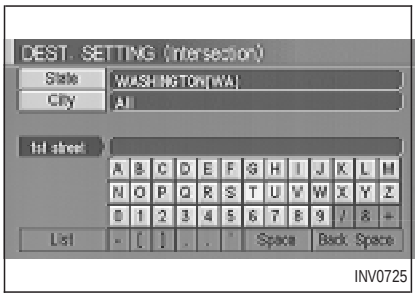
When the [Last 5 States] key is selected in step 2, the history of the previous five settings will be listed.



INV0724

3. The display shows the state list.

   Select a state name.



INV0725

4. The screen returns to the [DEST. SETTING (Intersection)] screen.

   When the state is set, the display shows the selected state side [State] key.

   Input the street name.

   Please refer to "Setting with the [List] key" in the previous section.

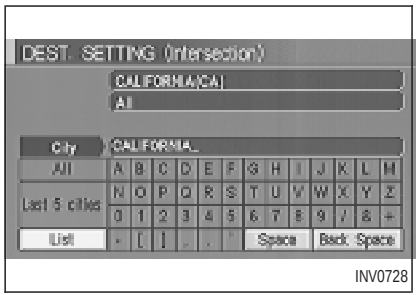
INV0727

Setting with the [City] key

The [City] key is used to retrieve an intersection from the specified city to set the destination.

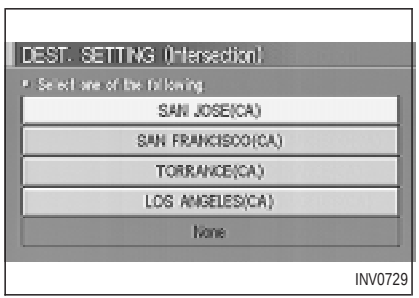
1. Select the [City] key.

- The display shows the screen to retrieve cities.



INV0728

2. Input a city name.

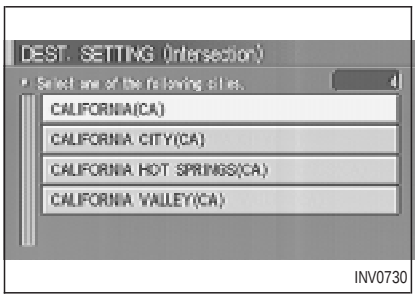


INV0729

When the Last 5 Cities key is selected in step 2, the history of the previous five settings will be listed.

INFO:

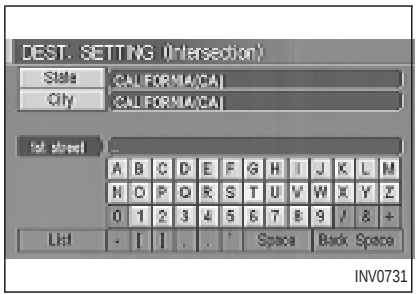
It is not possible to select cities if they are not in the state you set.



INV0730

3. The display shows the city list.

   Select a city of your choice.



INV0731

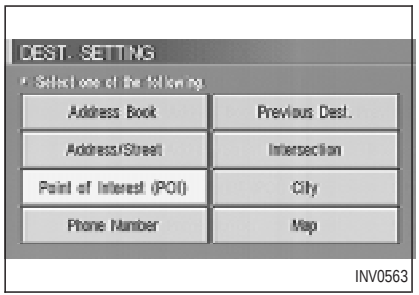
4. The screen returns to the [DEST. SETTING (Intersection)] screen.

   When the city is set, the display shows the selected city side the City key.

   Input the street name of your choice.

Proceed to “Setting with the List key” on page 5-13.

HOW DO I PROGRAM A DESTINATION?



INV0563

SETTING WITH Point of Interest (POI) *KEY*

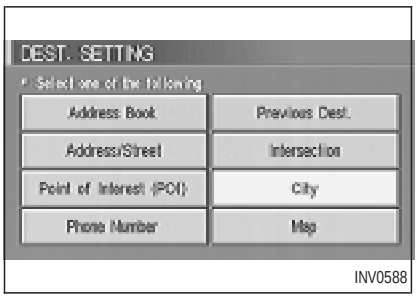
The Infiniti Navigation System includes a database of Point of Interest (POI) locations such as restaurants, hotels, and gas stations. (refer to section 6.)

By using this feature, you can set a Point of Interest location as a destination. For details on how to use the POI feature, please refer to section 6.

SETTING WITH City *KEY*

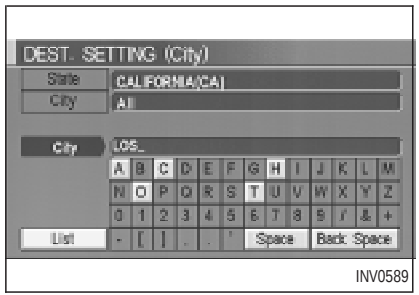
Sets the destination (waypoints) on the map screen of the area in and around the input city.

1. Press the DEST button.



INV0588

2. Select the City key on the [DEST. SETTING] screen.



INV0589

Setting with the List *key*

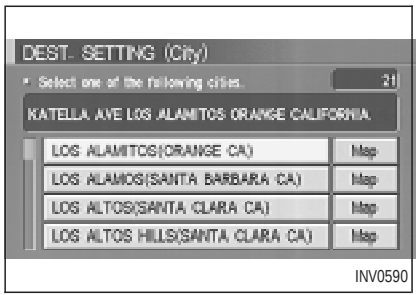
The List key is used when you know the names of the destination and waypoints.

1. Enter the characters of the city name which you wish to set as a destination (waypoints) using the keyboard on the [DEST. SETTING (City)] screen, then select the List key.

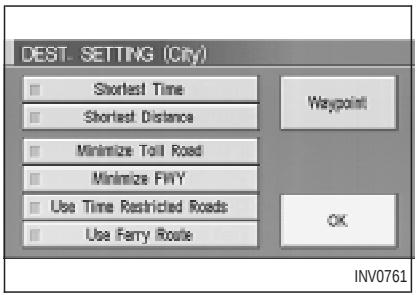
INFO:

- When the List key is selected, the data of the currently-listed cities will be displayed.

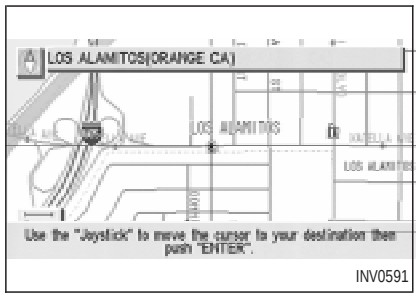
- If less than 5 suggested cities remain, they will be displayed automatically.



2. Select the city name of your destination (waypoints) on the [DEST. SETTING (City)] screen.



3. To set the destination (waypoints), refer to "Making the system guide the route with detailed options" on page 5-26.



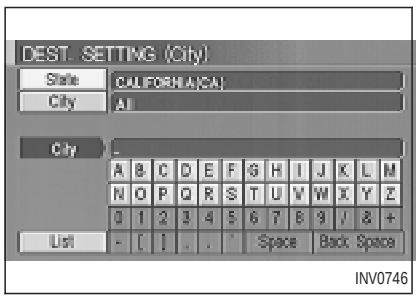
NOTE:

If you select the [Map] key in step 2, the map screen of the area around the specified destination (waypoints) will be displayed.

If necessary, operate the joystick to adjust the location of the destination (waypoints). Press the ENTER button. Select the [Destination] key to confirm.
The [DEST. SETTING (City)] screen will be displayed.
To set the destination (waypoints), refer to

"Making the system guide the route with detailed options" on page 5-26.

- **List is being displayed by selection of the [List] key.**

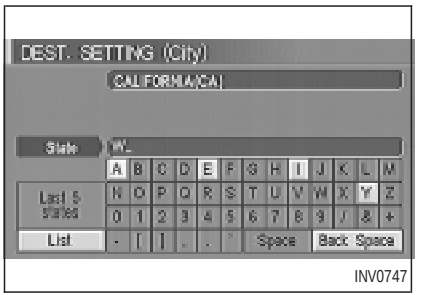


INV0746

Setting eith the [State] key

The [State] key is used when you select a state to set the destination.

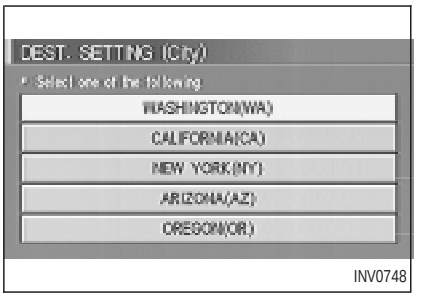
1. Select the [State] key.



INV0747

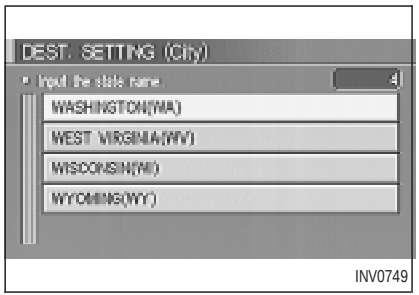
2. The display shows the screen to select states.

   Input a state name.



INV0748

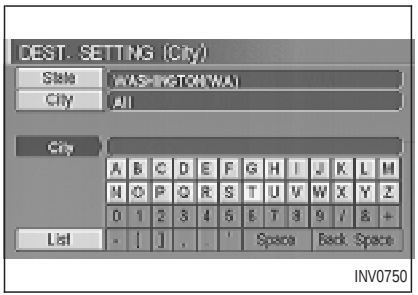
When the [Last 5 States] key is selected in step 2, the history of the previous five settings will be listed.



INV0749

3. The display shows the state list.

   Select a state name.



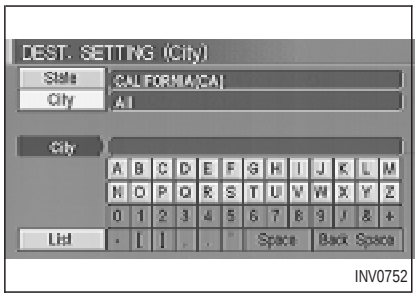
INV0750

4. The screen returns to the [DEST. SETTING (City)] screen.

   When the state is set, the display shows the selected state side State key.

   Input the street name.

   Please refer to "Setting with the List key" on the previous section.



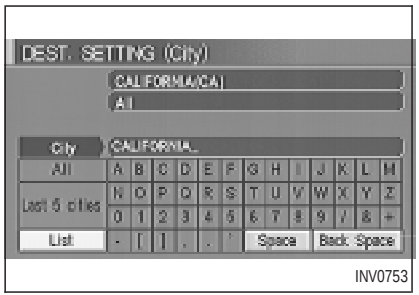
INV0752

Setting with the City key

The City key is used to retrieve an intersection from the specified city to set the destination.

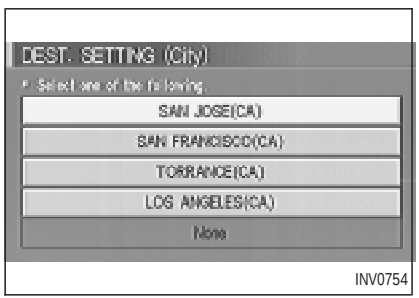
1. Select the City key.

- The display shows the screen to retrieve cities.



INV0753

2. Input a city name.

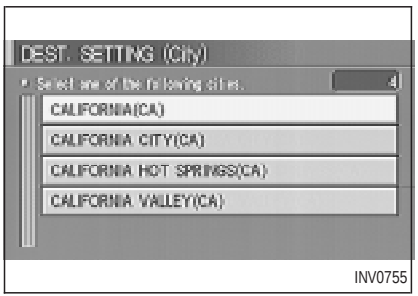


INV0754

When the Last 5 Cities key is selected in step 2, the history of the previous five settings will be listed.

INFO:

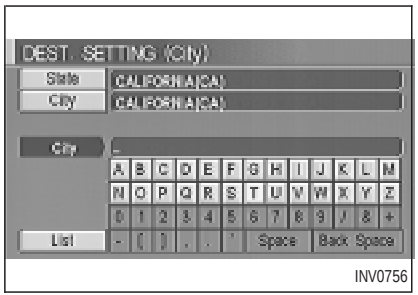
It is not possible to select cities if they are not in the state you set.



INV0755

3. The display shows the city list.

   Select a city of your choice.



INV0756

4. The screen returns to the [DEST. SETTING (City)] screen.

   When the city is set, the display shows the selected city side the City key.

   Input the street name of your choice.

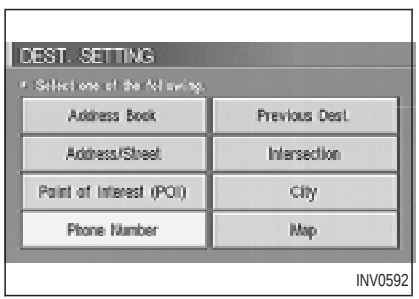
Proceed to “Setting with the List key” on page 5-18.

SETTING WITH Phone Number KEY

Sets the destination (waypoints) on the map

screen of the area and around the input phone number.

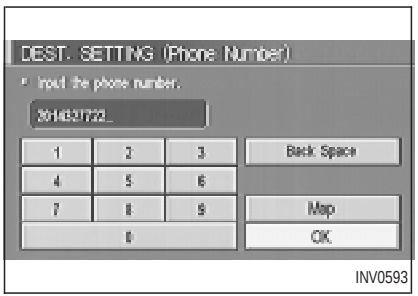
1. Press the DEST button.



INV0592

2. Select the Phone Number key on the [DEST. SETTING] screen.

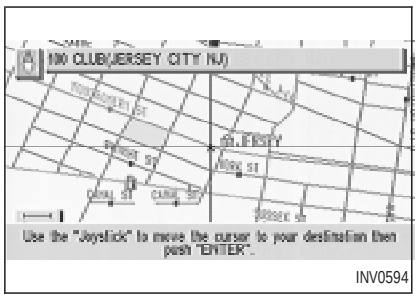
The phone number listed in the Navigation System may be for a company's main office or call center. This may be in a different location than the branch office which may be your actual destination.



INV0593

3. Enter the phone number, destination (waypoints) using the keyboard on the [DEST. SETTING (Phone Number)] screen.
4. If you select the OK key, the [DEST. SETTING] screen will be displayed.

To set the destination (waypoints), refer to "Making the system guide the route with detailed options" on page 5-26.



INV0594

NOTE:

If you select the Map key in step 4, the map screen of the area around the specified destination (waypoints) will be displayed.

If necessary, operate the joystick to adjust the location of the destination (waypoints).

Press the ENTER button.

Select the Destination key to confirm.

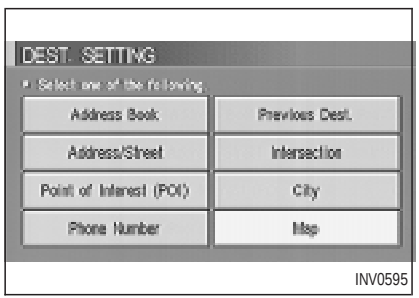
To set the destination (waypoints), refer to

HOW DO I PROGRAM A DESTINATION?

"Making the system guide the route with detailed options" on page 5-26.

SETTING WITH Map *KEY*

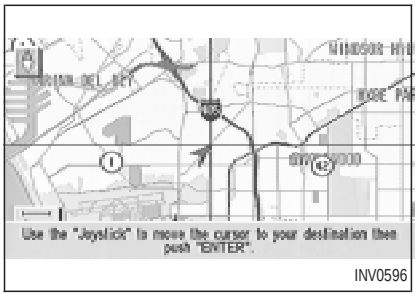
This will enable you to zoom into the map for detail and set the desired location. This works best when you know the location geographically, or want to check the geographical surroundings on the map before setting the destinations.



INV0595

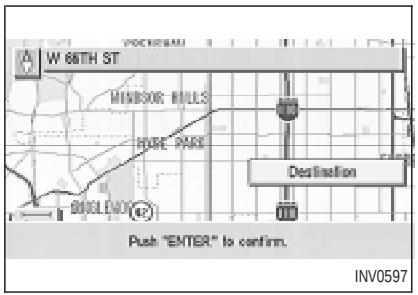
1. Press the DEST button.
2. Select the Map key.

The map of the entire area will be displayed.



INV0596

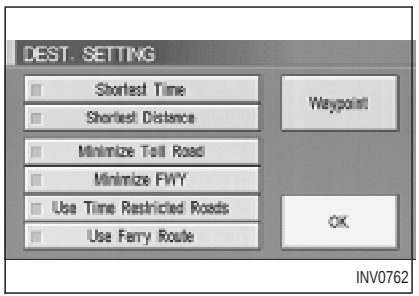
3. Operate the joystick to choose the destination (waypoints).



INV0597

4. Adjust the location using the joystick, and press the ENTER button.
5. Select the Destination key.

   The [DEST. SETTING] screen will appear.



INV0762

6. Please refer to “Making the system guide the route with detailed options” on page 5-26.

INFO:

When the OK key is selected in the [DEST. SETTING] screen, route calculation starts. If you want to add destinations, select the Waypoint key.

SETTING WITH Home *KEY*

Sets the home as a destination.

INFO:

In the Expert Mode, this key will not be displayed. Turn on the highlighted green Short Menus key in the [SETTING] screen.

INV0598

1. Press the DEST button.
2. Select the Home key.

INV0599

3. The [DEST. SETTING] screen will be displayed.
   Set the OK key.

To set the destination (waypoints), refer to “Making the system guide the route with detailed options” on page.

INFO:

If the home is not registered in the Address Book, the [ADDRESS/STREET] screen will be displayed.

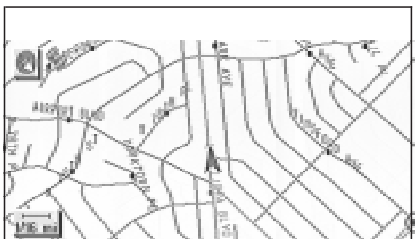
HOW DO I PROGRAM A DESTINATION?

Please refer to “Setting with Address/Street key” on page 5-6.

HAVING THE SYSTEM GUIDE YOU TO THE DESTINATIONS

WARNING

To operate the navigation system or to use the screen functions, first park the vehicle in a safe place and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident.



INV0605

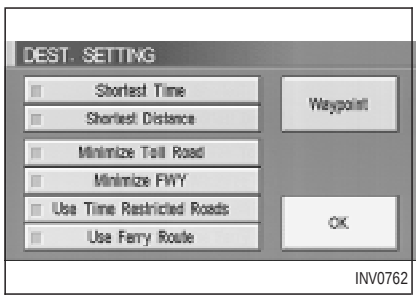
MAKING THE SYSTEM GUIDE THE ROUTE WITH DETAILED OPTIONS

By choosing the destination from the menu, you can choose detailed options such as waypoints and calculation conditions and have the system guide you from the current position to the destination.

Setting the destination

First, you will have to set the destination.

1. Select a destination using one of the methods described earlier in this chapter:
   - Address Book
   - Previous Destination
   - Address/Street
   - Intersection
   - Point of Interest (POI)
   - City
   - Phone Number
   - Map
   - Home
2. Set the route priorities and select the Route Calc. key to calculate the route.

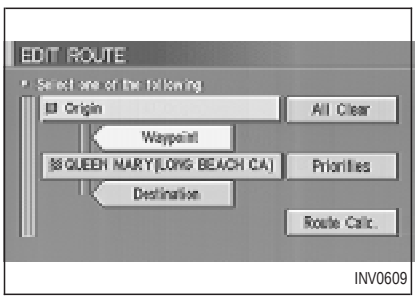


INV0762

INFO:

- If you select the OK key at this point, route calculation will start without any waypoints.
- Press the PREV button to display the [EDIT ROUTE] screen.

Setting the waypoints



INV0609

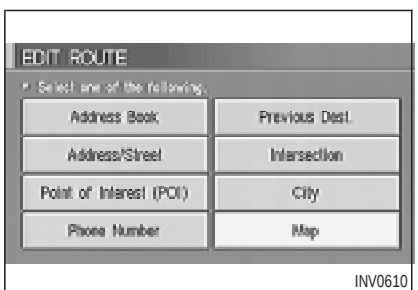
After you set a destination, you can set waypoints.

INFO:

- When the ROUTE button is pressed on the map and the Edit Route key is selected, the [EDIT ROUTE] screen will be displayed.
- The maximum number of destinations and waypoints that can be set is six (6).

Please refer to “Expert mode categories” on page 5-2.

1. Select the Waypoint key or Destination key on the [EDIT ROUTE] screen.

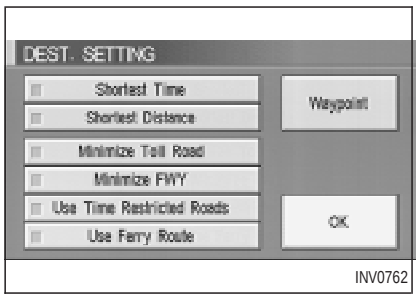


INV0610

The [EDIT ROUTE] screen will be displayed.

2. Select a waypoint destination using one of the destination selection procedures outlined earlier in the chapter.

HOW DO I PROGRAM A DESTINATION?



Select the conditions with high priorities.

If you want to get to your destination in the shortest time, select the Shortest Time key.

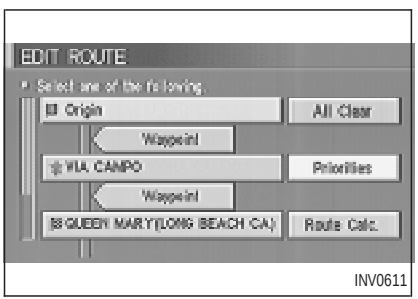
Select the key on the screen to turn the indicator light ON or OFF.

INFO:

- When you select the OK key at this point, route calculation will start without any additional waypoints.
- Press the PREV button to display the [EDIT ROUTE] screen.
- It is also possible to set a waypoint by selecting the Waypoint key in the [DEST. SETTING] screen.

Setting the priorities for route calculation

After the setting of destinations and waypoints is completed, set the calculation conditions such as route type with high priorities.

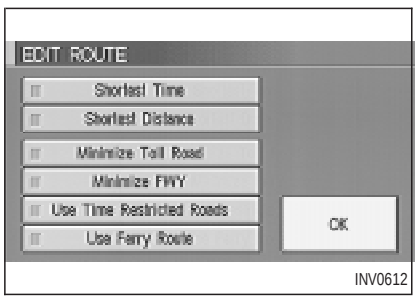


1. Select the Priorities key.

The screen for setting calculation conditions will appear. The conditions with the indicator light ON will have high priority.

INFO:

When the ROUTE button is pressed on the map and the Edit Route key is selected, the [EDIT ROUTE] screen will be displayed.



2. Select the conditions with high priorities. Select the key on the screen to turn the indicator light ON or OFF.

Shortest Time **key:**

The route to the destination is calculated so that you can reach the destination in the shortest time. In some cases, a freeway or toll road with detours may be recommended.

NOTE:

It may not be the shortest time in all cases.

Shortest Distance **key:**

The route to the destination is calculated so that it is the shortest distance.

NOTE:

It may not be the shortest distance in all cases.

Minimize Toll Road **key:**

The route to the destination is calculated with minimum use of toll roads.

Minimize FWY **key:**

The route to the destination is calculated with minimum use of freeways.

Use Time Restricted Roads **key:**

The route using time restricted roads is calculated.

INFO:

The system considers time restricted roads as whole-day restricted. When the key is set to OFF, time restricted roads will not be included in route calculation.

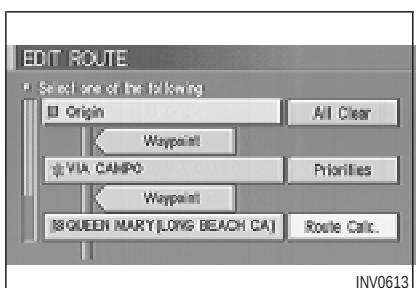
WARNING

When the route is calculated with this key ON, be sure to obey traffic regulations.

Use Ferry Route **key:**

Select this key if you prefer routes with ferry lines.

Route calculation and guidance



INV0613

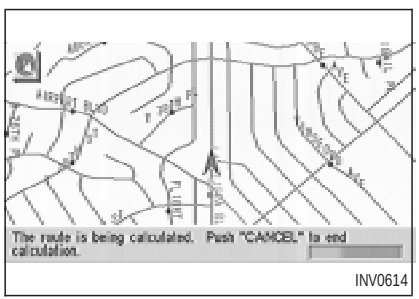
After setting all the items required, you may proceed to route calculation for guidance. After the route calculation is completed, the guidance will start automatically.

INFO:

When the ROUTE button is pressed on the

map and the Edit Route key is selected, the [EDIT ROUTE] screen will be displayed.

Select the Route calc. key.



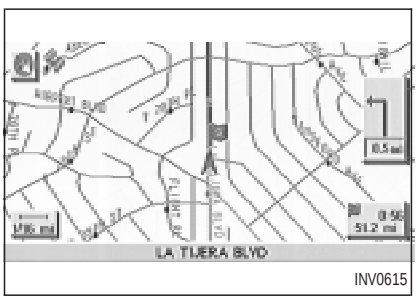
INV0614

Route calculation screen will be displayed.

The suggested route will be displayed with a thick blue line. If you enter this route, the voice guide will start.

INFO:

- If you want to cancel the route calculation, press the CANCEL button.
- If you set a place which is not suitable as a destination, the suggested route will not be displayed. In such a case, the OK key will be displayed on the screen. Select the OK key. Reset a correct destination.

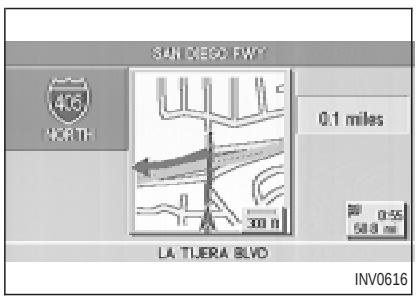


INV0615

- If route calculation is not possible with all the set preferences, the system may look up a route that does not exactly correspond to the preferences.
- When deleting the settings of destination or waypoints, press the ROUTE button.

Enlarged intersection display

When the vehicle approaches a guide point such as an intersection, the enlarged map of the point will be displayed.



INV0616

INFO:

- When no operation is executed with the enlarged map displayed, the map stays displayed.
- If route numbers are included in the map data, route numbers will be displayed on the left side of the screen.

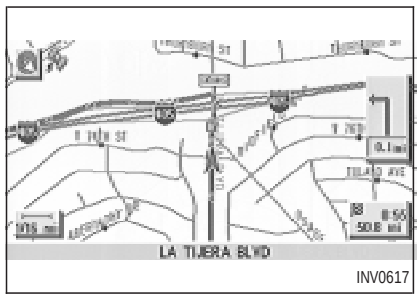
- If street names are displayed in two lines, route numbers will not be displayed.

NOTE:

- **When the guide point is close to the guidance start point, the enlarged map may not be displayed.**
- **The guide point name may not be displayed.**
- **The position of the vehicle icon on the enlarged map may differ from the position on the current display.**

1. Press the MAP or PREV button.

The map screen will appear.



INV0617

INFO:

To display the enlarged map, press the MAP button or PREV button.

2. When the vehicle arrives at the neighborhood of the destination, the route guidance will end automatically.

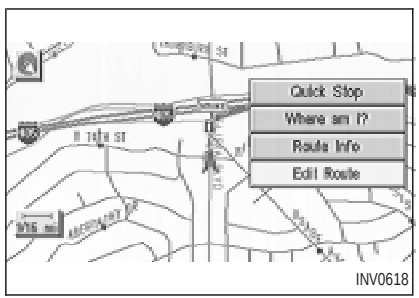
INFO:

- To alternate between the map and the enlarged screen, press the MAP button or PREV button.
- In the map screen, the distance to the next guide point and the turning direction will be displayed on the right side of the screen.

ADJUSTING AND DELETING THE PRE-SET DESTINATION (WAYPOINTS)

Using the joystick, you can **adjust the destination** (waypoints).

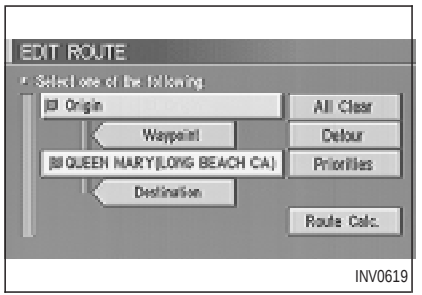
1. Press the ROUTE button.



INV0618

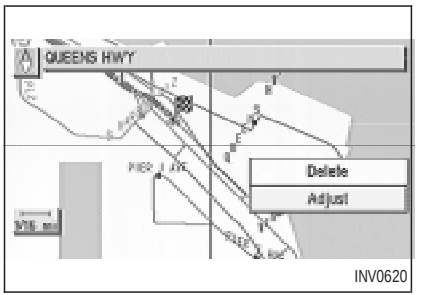
2. Select the Edit Route key.

HOW DO I PROGRAM A DESTINATION?



INV0619

3. Choose the destination (waypoints) you want to adjust on the [EDIT ROUTE] screen.

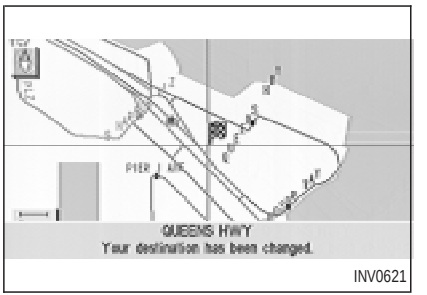


INV0620

4. The map screen will be displayed for adjusting. Use the joystick to adjust the location.

INFO:

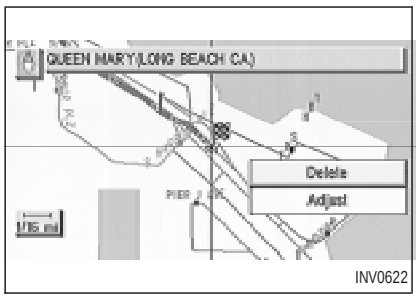
When you move the joystick, the Adjust key will be displayed.



INV0621

5. Select the Adjust key.

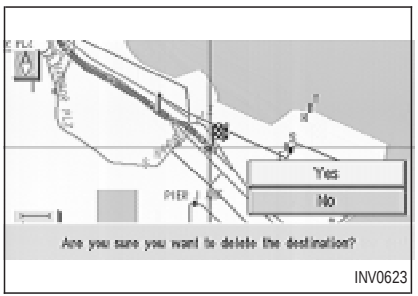
The new destination (waypoints) will be set.



INV0622

To delete a destination

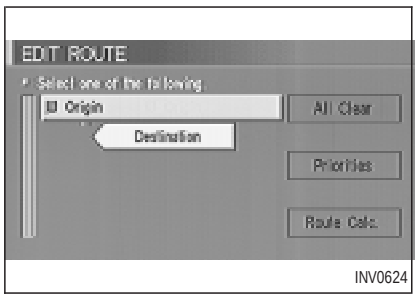
1. To delete the destination (waypoint), choose the destination (waypoint) in step 3 and select the Delete key.



INV0623

2. Select the Yes key.

The pre-set destination (waypoints) will be deleted.



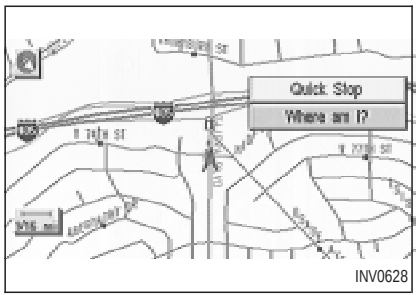
INV0624

3. Press the Map button to return to the map screen.

INFO:

- To set a new destination (waypoints), refer to “Expert mode categories” or “Easy mode categories” on page 5-2.
- If you reset the new destination (waypoints), the older destination (waypoints) will be deleted. If you have requested a route calculation, the previous suggested route will be deleted from memory.

- To delete all the suggested routes, select the [All Clear] key.



INV0628

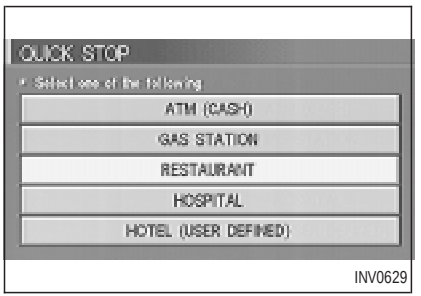
QUICK STOP

The system will display pre-defined POI's (Points of Interest) in the current vicinity of the vehicle and the distances to them. These POI's can be gas stations, hotels, restaurants, ATM's or customer-programmed facilities. This function will operate while the vehicle is moving.

1. Press the [ROUTE] button.

The display shows several keys on the right of the screen.

Select the [Quick Stop] key.



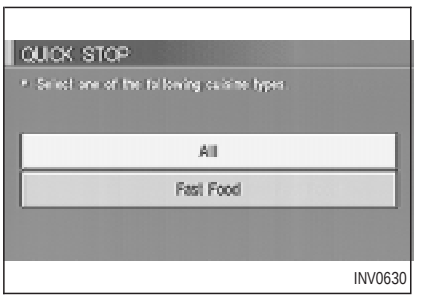
INV0629

2. The display shows the [QUICK STOP] screen.

   Select the category of your choice.

INFO:

Five categories are displayed on the screen. The last one can be customized. When you use a POI category frequently, it is convenient to use the quick stop function. Please refer to "Quick stop customer setting" on page 5-35.



INV0630

3. The cuisine selection screen is displayed only when the [RESTAURANT] key is selected. Select the [All] key or [Fast Food] key.

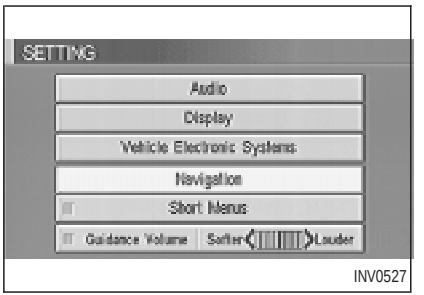
4. The display shows the direction and distance from the current vehicle position to the selected facility.

   Select the facility name you want to set as a destination (waypoints).

5. Set route priorities, then select the OK key. Route calculation to the destination will be started.

INFO:

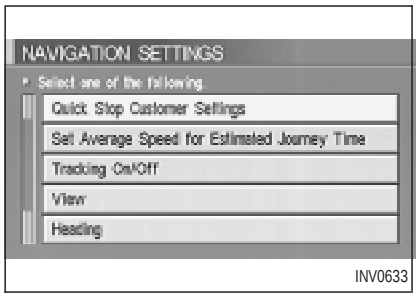
If quick stop is set after the destination was set, the system starts the route calculation to the location as the waypoint. Five waypoints can be registered at the same time.



Quick Stop Customer Setting

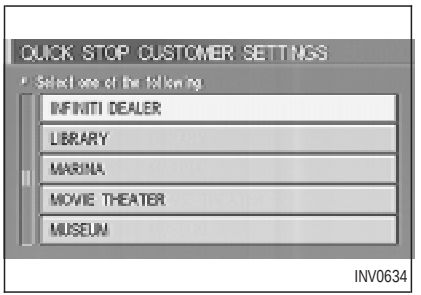
1. Press the SETTING button.
2. Select the Navigation key on the [SETTING] screen.

HOW DO I PROGRAM A DESTINATION?



INV0633

3. Select the Quick Stop Customer Settings key on the [NAVIGATION SETTINGS] screen.

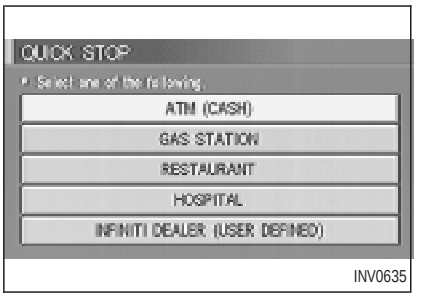


INV0634

4. Select a facility you frequently visit. For example, select the INFINITI DEALER key.

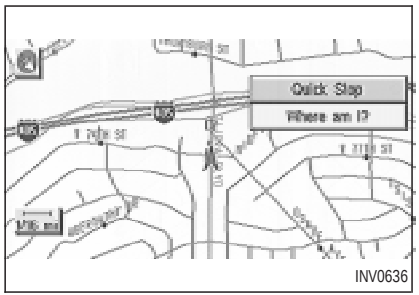
   When it is set, the screen returns to the previous screen.

   Press the MAP button to return to the map.



INV0635

5. Press the ROUTE button. Then, select the Quick Stop key, and press the ENTER button. The display shows the selected facility in the last row.



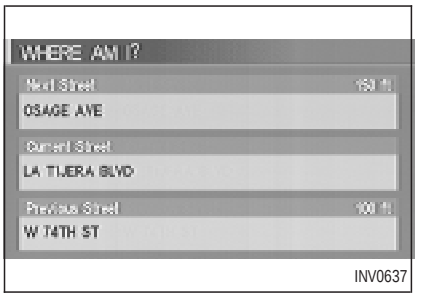
INV0636

WHERE AM I?

This key is used to find the name of the street on which the vehicle is currently located.

1. Press the ROUTE button.

Several keys appear on the right of the screen. Select the Where am I? key.



INV0637

2. The display shows the [WHERE AM I?] screen, which includes the next, current, and previous streets. Each one shows the streets which the vehicle is approaching, currently traveling on, and those streets the vehicle was previously traveling on.
   Press the MAP or PREV button to return to the map.

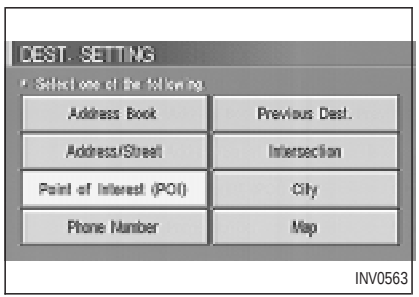
6 HOW DO I USE THE POINT OF INTEREST (POI) FEATURE?

Setting with [Point of Interest (POI)] key... 6-2
Setting with the [List] key..... 6-2
Setting with the [Category] key..... 6-4
Setting with the [State] key..... 6-7
Setting with the [City] key..... 6-9
Setting with the [Nearby] key..... 6-11
POI categories..... 6-12
Setting the nearby display icons..... 6-13

HOW DO I USE THE POINT OF INTEREST (POI) FEATURE?

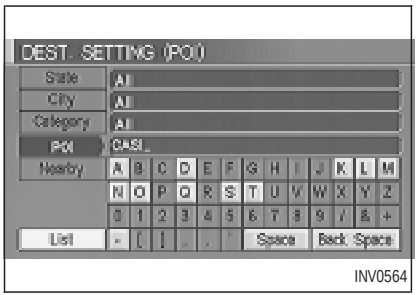
SETTING WITH Point of Interest (POI) KEY

The keys in Point of Interest (POI) are List, Category, Nearby, State and City, explained below.



INV0563

1. First press the DEST button.
2. Select the Point of Interest (POI) key on the [DEST. SETTING (POI)] screen.



INV0564

SETTING WITH THE List KEY

The List key is used when you know the exact names of the destinations and waypoints.

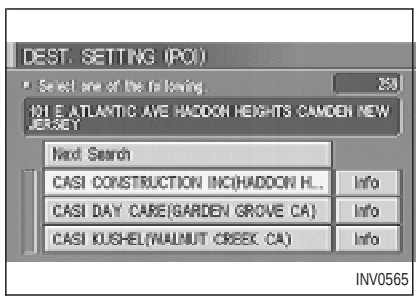
1. Input the facility name for your destination.

NOTE:

For speedier search, input the state, city and category before searching for your desired destination.

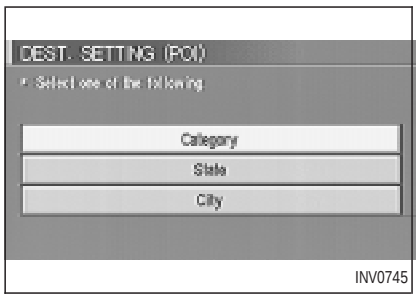
INFO:

When names of facilities or cities are input, if the system detects that the number of corresponding facilities or cities is five or less, the display shows the list screen automatically.



INV0565

2. The display shows the screen to select a facility or Info. key.



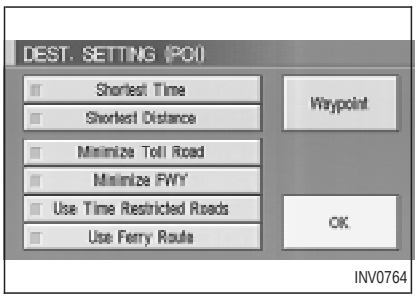
INV0745

When the [Next Search] key is selected, it is possible to narrow down categories, states and cities.

To use this function, refer to "Setting with the [Category] key", "Setting with the [State] key" and "Setting with the [City] key" on page 6-4, 6-7, 6-9.

INFO:

It is not possible to select the key which is set to narrow down.

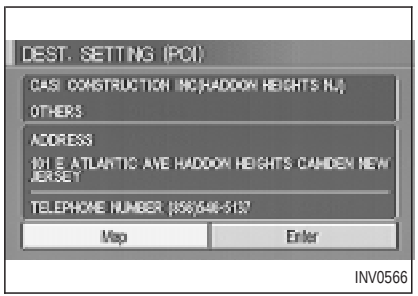


INV0764

3. When a facility name is selected, the display shows the [DEST. SETTING] screen to set the destination.

   To set priorities, select the [OK] key. Then, the route calculation will be started.
   When you alter the destination or set waypoints, select the [Waypoint] key.

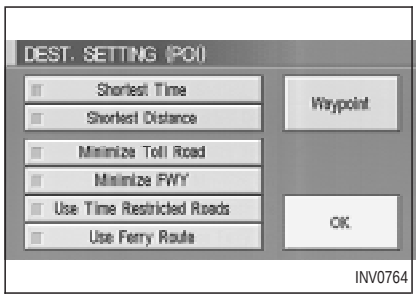
   Please refer to "Making the system guide the route with detailed options" on page 5-26.



INV0566

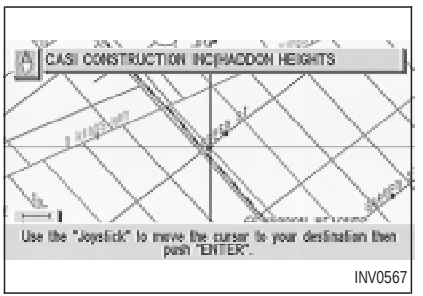
- When the [Info.] key next to the facility name of your choice is selected in step 2, the display shows the detailed [Address] and [Telephone number] of the selected facility, and the [Map] and [Enter] key.

HOW DO I USE THE POINT OF INTEREST (POI) FEATURE?



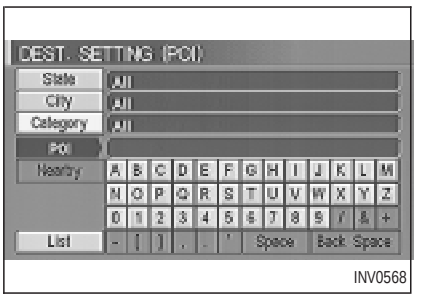
INV0764

4. When setting the facility as the destination, select the OK key. The display shows the [DEST. SETTING (POI)] screen to set the destination.
   Set priorities and select the Route Calc. key. Then, the route calculation will be started.
   When you alter the destination or set waypoints, select the Waypoint key.
   Please refer to “Making the system guide the route with detailed options” on page 5-26.



INV0567

- When the Map key is selected in step 4, the display shows the map. When the ENTER switch is pressed, the display shows the Destination key.

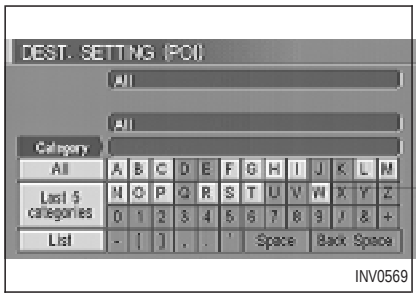


INV0568

SETTING WITH THE Category *KEY*

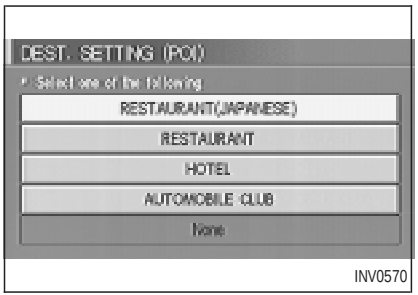
The Category key is used when you select a facility category to set the destination.

1. Select the Category key.



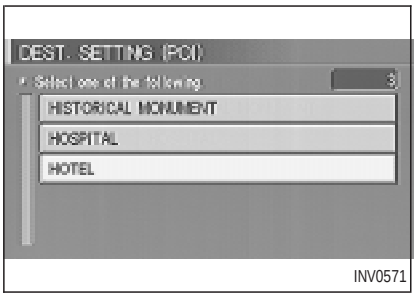
INV0569

2. The display shows the screen to select categories.
   Input a category name.



INV0570

- When the Last 5 Categories key is selected in step 2, the history of the previous five settings will be listed.



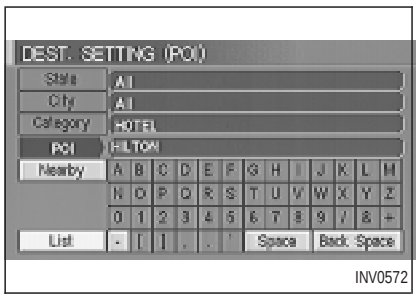
INV0571

3. The display shows the category list.
   Select a category name.

INFO:

When a RESTAURANT key is selected, the screen to input the cuisine type will be displayed.

HOW DO I USE THE POINT OF INTEREST (POI) FEATURE?

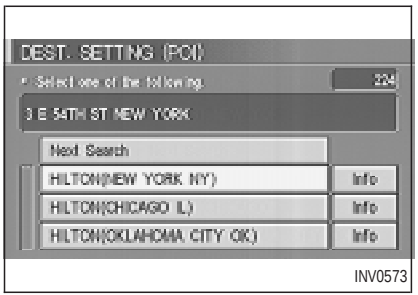


INV0572

4. The screen returns to the [DEST. SETTING (POI)] screen.
   When the category is set, the display shows the selected category beside the Category key.
   Input the facility name.

INFO:

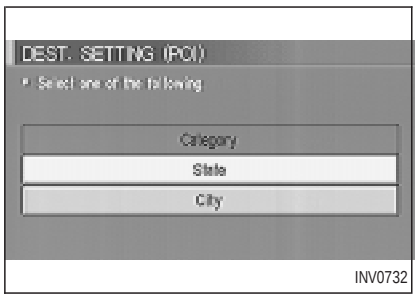
- If you do not know the facility name you want to go to, select the List key so that the facility names in the category will be listed in alphabetical order.
- It may take some time to show the list, depending on categories.



INV0573

5. When a facility name is input, the system retrieves the facility name according to the selected category and the input letters. Then, the display shows the screen to select a facility and Info. key.

   Please refer to "Setting with the List key" on the previous section.



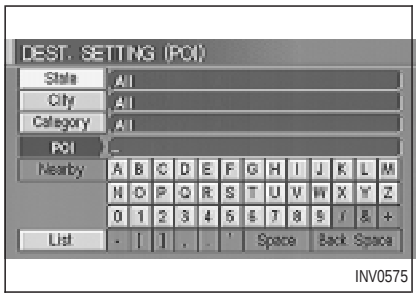
INV0732

When the Next Search key is selected, it is possible to narrow down states and cities.

To use this function, refer to "Setting with the State key" and "Setting with the City key" on page 6-7, 6-9.

INFO:

It is not possible to select the key which is set to narrow down.

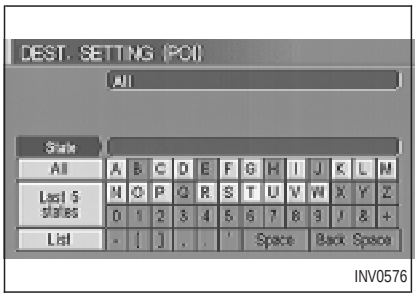


INV0575

SETTING WITH THE State *KEY*

The State key is used when you select a state to set the destination.

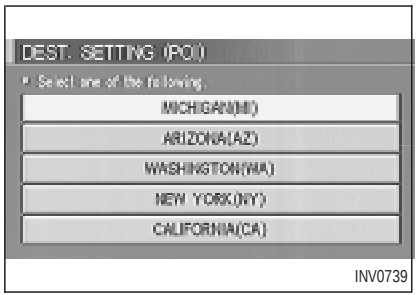
1. Select the State key.



INV0576

2. The display shows the screen to select states.

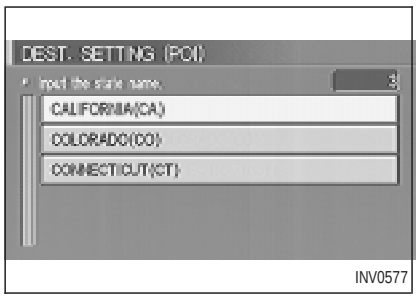
   Input a state name.



INV0739

When the Last 5 States key is selected in step 2, the history of the previous five settings will be listed.

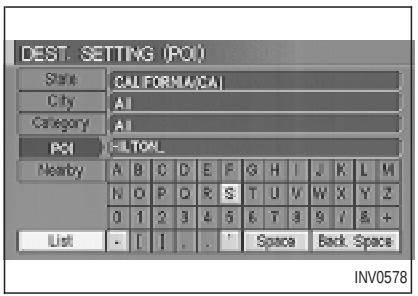
HOW DO I USE THE POINT OF INTEREST (POI) FEATURE?



INV0577

3. The display shows the state list.

   Select a state name.



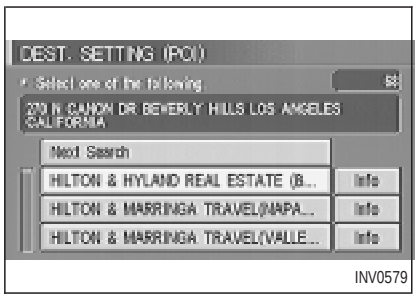
INV0578

4. The screen returns to the [DEST. SETTING (POI)] screen.

   When the state is set, the display shows the selected state on the side of the State key. Input the state name.

INFO:

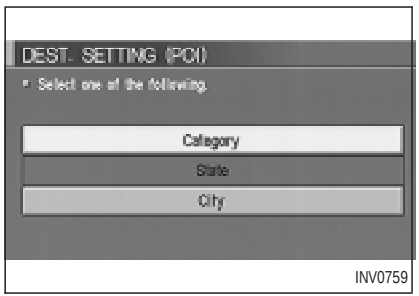
If you do not know the state name you want to go to, select the List key so that the state names will be listed in alphabetical order.



INV0579

5. When a state name is input, the system retrieves the state name according to the input letters.

   Please refer to “Setting with the List key” in the previous section.



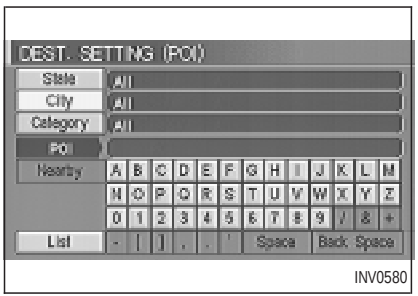
INV0759

When the Next Search key is selected, it is possible to narrow down categories and cities.

To use this function, refer to "Setting with the Category key" and "Setting with the City key" on page 6-4, 6-9.

INFO:

It is not possible to select a key which has been removed from the search.



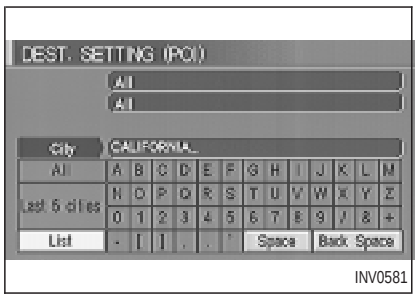
INV0580

SETTING WITH THE City KEY

The City key is used to retrieve a facility from the specified city to set the destination.

1. Select the City key.

- The display shows the screen to retrieve cities.



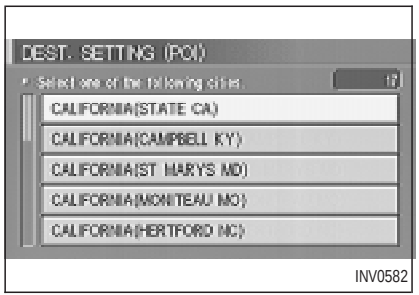
INV0581

2. Input a city name.

INV0583

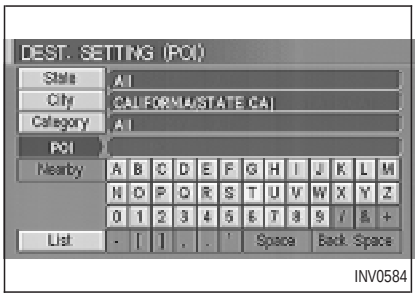
When the Last 5 Cities key is selected in

step 2, the history of the previous five settings will be listed.



INV0582

3. The display shows the city list.
   Select a city of your choice.

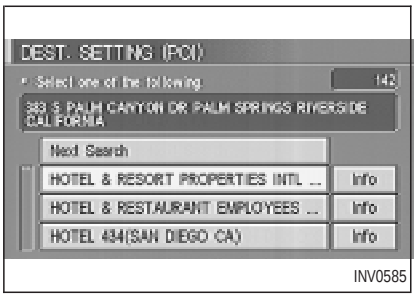


INV0584

4. The screen returns to the [DEST. SETTING (POI)] screen.
   When the city is set, the display shows the selected city beside the City key.
   Input the facility name of your choice.

INFO:

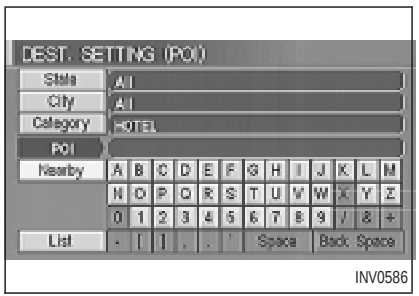
- If you do not know the facility name, select the Category key to retrieve a facility. When the facility is set from the Category key, the display shows the selected facility under the Category key.
- It may take some time to show the list, depending on categories.



INV0585

5. When the facility name is input, the system retrieves the facility name according to the selected city and the input letters. Then, the display shows the screen to select a facility and Info. key.

   Please refer to "Setting with the List key" in the previous section.



INV0586

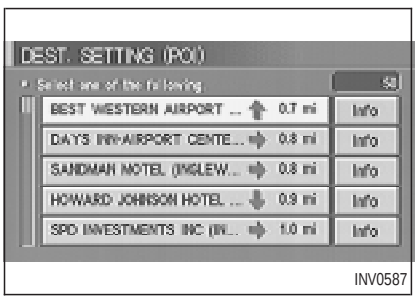
SETTING WITH THE Nearby *KEY*

The Nearby key is used to retrieve a facility within 30 miles (50 km) from the current vehicle location.

1. Select the Point of Interest (POI) key on the [DEST. SETTING (POI)] screen.
2. Set category according to page 6-4.
3. Select the Nearby key.

INFO:

- Facilities of selected category will be listed in order by nearest distance.
- The Nearby key is available only when a category is set. Set a category first.



INV0587

- When there are any nearby facilities based on the selected category, the display shows the list of facility names, directions and distance from the current vehicle location, and Info keys.

  Please refer to "Setting with the List key" in the previous section.

HOW DO I USE THE POINT OF INTEREST (POI) FEATURE?

POI CATEGORIES

AIRPORT
AMUSEMENT PARK
ATM
AUTO SERVICE & MAINTENANCE
AUTOMOBILE CLUB
BANK
BORDER CROSSING
BOWLING CENTER
BUS STATION
BUSINESS FACILITY
CASINO
CITY CENTER
CITY HALL
COLLEGE AND UNIVERSITY
COMMUNITY CENTER
COMMUTER RAIL STATION
CONVENTION/EXHIBITION CENTER
COURT HOUSE
FERRY TERMINAL
GAS STATION
GOLF COURSE
GROCERY STORE
HISTORICAL MONUMENT
HOSPITAL
HOTEL
ICE SKATING RINK
INFINITI DEALER
LIBRARY
MARINA
MOVIE THEATER
MUSEUM
NIGHTLIFE
NISSAN DEALER
OTHERS
PARK & RIDE
PARK/RECREATION AREA
PARKING GARAGE
PARKING LOT
PERFORMING ARTS
POLICE STATION
RENTAL CAR AGENCY
REST AREA
RESTAURANT
SCHOOL
SHOPPING
SKI RESORT
SPORTS CENTER
SPORTS COMPLEX
TOURIST ATTRACTION
TOURIST INFORMATION
TRAIN STATION
WINERY

SETTING THE NEARBY DISPLAY ICONS

Five types of facilities can be displayed on the map using respective icons, including:

— ATMs

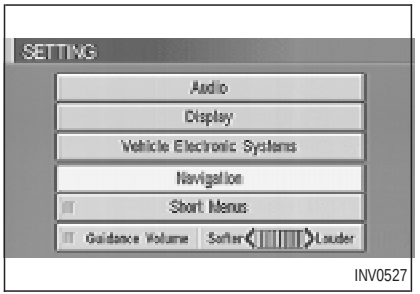
— Gas stations

— Hotels

— Restaurants

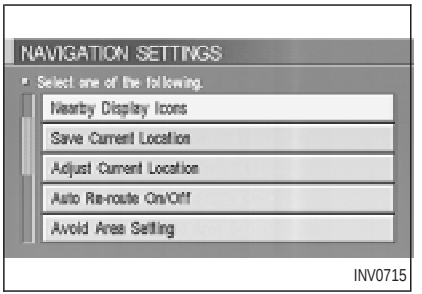
— Rest areas

1. Press the SETTING button on the control panel.



INV0527

2. Select the Navigation key on the [SETTING] screen.

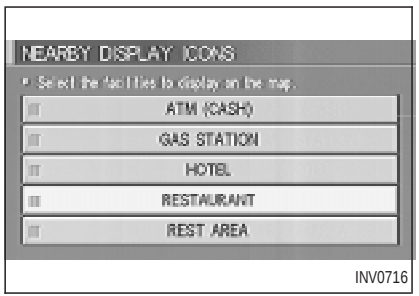


INV0715

3. Select the Nearby Display Icons key on the [NAVIGATION SETTINGS] screen.

The [NEARBY DISPLAY ICONS] screen will be displayed.

HOW DO I USE THE POINT OF INTEREST (POI) FEATURE?



INV0716

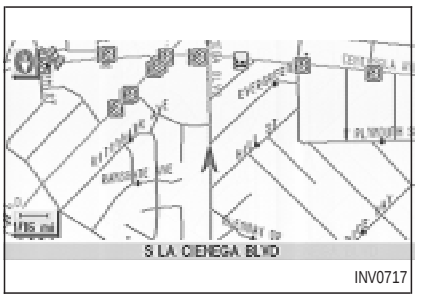
4. Select the facility you wish to display, and press the ENTER button.

INFO:

Every time the ENTER button is pressed, the indicator lights of the items are turned ON and OFF alternately.

ON: To display nearby icons.

OFF: To stop displaying nearby icons.



INV0717

- The icons of the selected facilities will be displayed.

INFO:

When the MAP button is pressed, the current location will be displayed.

When the PREV button is pressed, the previous screen will reappear.

7 HOW DO I USE THE ADDRESS BOOK FEATURE?

Setting up and editing the address book 7-2
Setting up the address book 7-2
Using various categories to store locations 7-2
Storing current vehicle position 7-3
Storing locations of your choice..... 7-4
Confirming the stored locations 7-5
Editing the address book..... 7-6
Changing stored names 7-6
Changing the icons 7-7
Adjusting the stored address book entries..... 7-11
Deleting stored locations 7-12

HOW DO I USE THE ADDRESS BOOK FEATURE?

SETTING UP AND EDITING THE ADDRESS BOOK

You can store locations in the address book for quicker access, or name the location and set a special icon on the map.

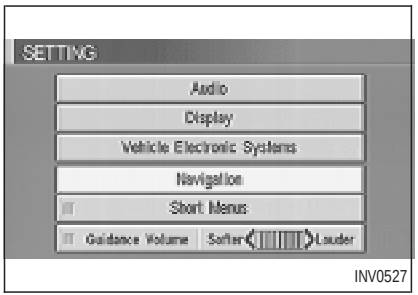
SETTING UP THE ADDRESS BOOK

You can store your favorite places or the places you frequently visit. By storing them, you can call them quickly on the display, enabling easier setting of these destinations.

USING VARIOUS CATEGORIES TO STORE LOCATIONS

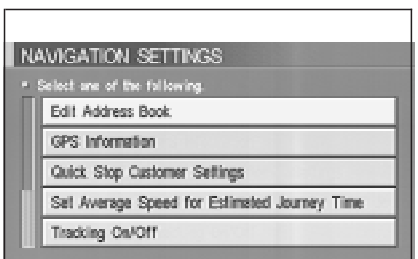
You can choose various categories in the menu to store the locations. The categories are: Address/Street, Points of Interest (POI), Phone Number, Map, Intersection, City and Previous Dest.

1. Press the SETTING button.



INV0527

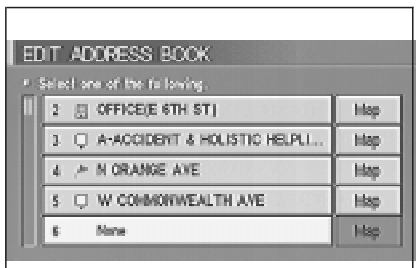
2. Select the Navigation key.



INV0638

The [NAVIGATION SETTINGS] screen will be displayed.

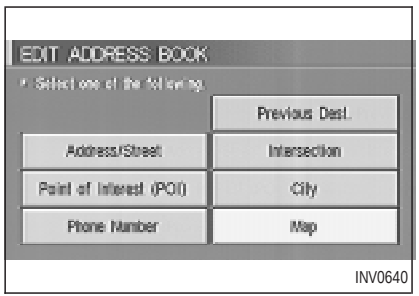
3. Select the Edit Address Book key.



INV0639

The [EDIT ADDRESS BOOK] screen will be displayed.

4. Choose the number to be stored from the unused number list.



5. Store location.

Set a location to be stored in the same way as when setting a destination (waypoints).

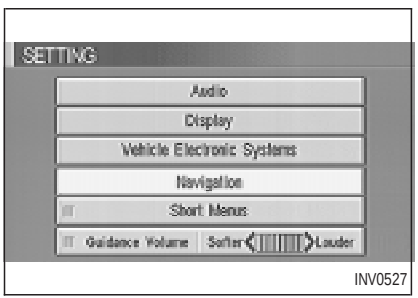
Please refer to “Export Mode Categories” on page 5-2.

INFO:

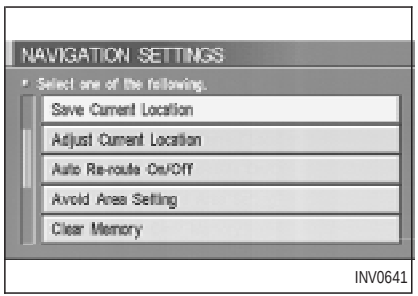
- Press the [MAP] button to go back to get the current vehicle display.
- The maximum number of the stored locations is 50, including your home and office.
- If you want to store places close to POI, it is quicker to use the [Points of Interest (POI)] key.

STORING CURRENT VEHICLE POSITION

1. Press the [SETTING] button.



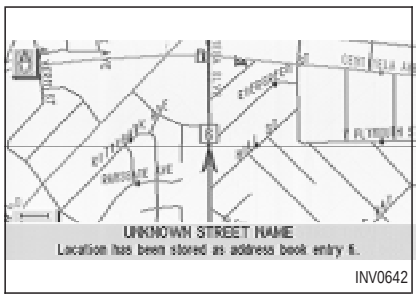
2. Select the [Navigation] key.



3. The [NAVIGATION SETTINGS] screen will be displayed.
4. Select the [Save Current Location] key.

The number to be stored will be displayed at the vehicle icon on the screen, and the current location of the vehicle will be stored.

HOW DO I USE THE ADDRESS BOOK FEATURE?

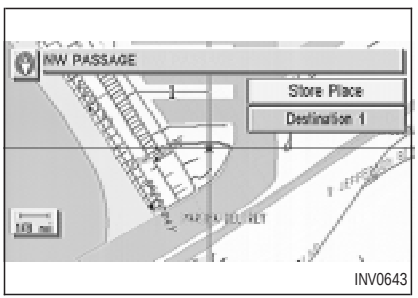


INV0642

INFO:

- If the number of the stored locations exceeds 50, a message will appear “Memory is full. Delete old one to store new one”.
- If you store more than one location at the same place, the location stored in the database with the largest identification number will be displayed.
- If you store the location by the location store function, the stored name may differ, depending on the scale used in the display.
- The unused and smallest identification number will be assigned to the newly set location.

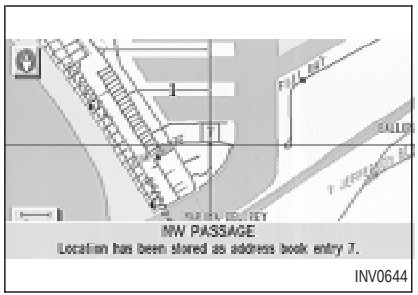
STORING LOCATIONS OF YOUR CHOICE



INV0643

You can use the joystick to store desired locations.

1. Scroll the map to the desired location with the joystick, then press the ENTER button. The display shows several keys on the right of the screen.
2. Select the Store Place key.



INV0644

The registered number will be displayed at that location on the map.

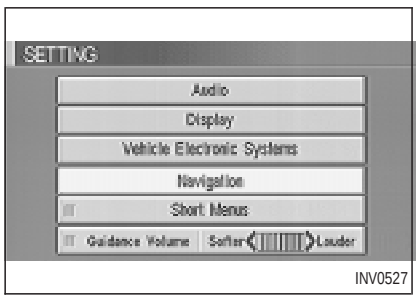
INFO:

Press the MAP or PREV button to go back to get the current vehicle display.

CONFIRMING THE STORED LOCATIONS

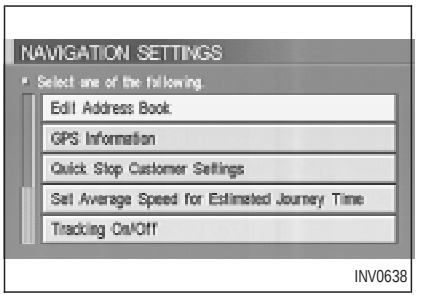
To confirm that the locations have been stored:

1. Press the SETTING button.



INV0527

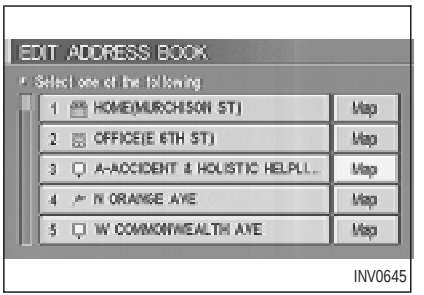
2. Select the Navigation key.



INV0638

The [NAVIGATION SETTINGS] screen will be displayed.

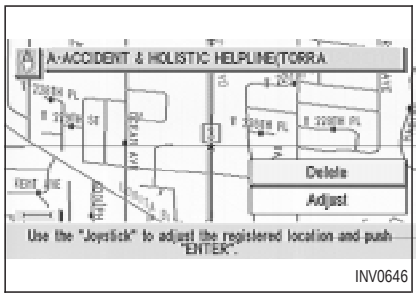
3. Select the Edit Address Book key.



INV0645

4. Choose the Map key next to the location that you want to confirm.

HOW DO I USE THE ADDRESS BOOK FEATURE?



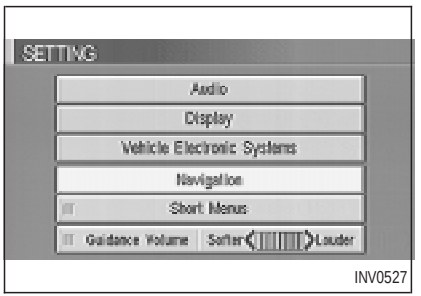
INV0646

The stored location will be displayed on the map.

INFO:

- If you want to confirm several stored locations, press the PREV button.
- To go back to the map display, press the MAP button.

EDITING THE ADDRESS BOOK

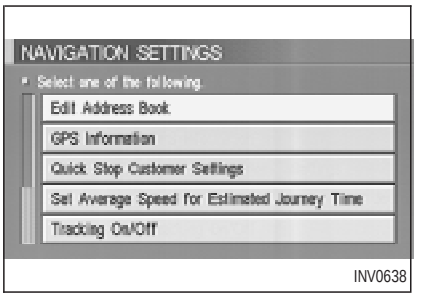


INV0527

You can alter the names or the icons of the stored locations.

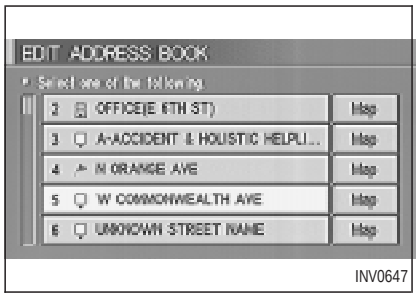
CHANGING STORED NAMES

1. Press the SETTING button.



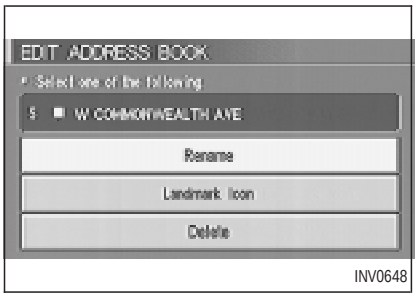
INV0638

2. Select the Navigation key.
3. Select the Edit Address Book key.



INV0647

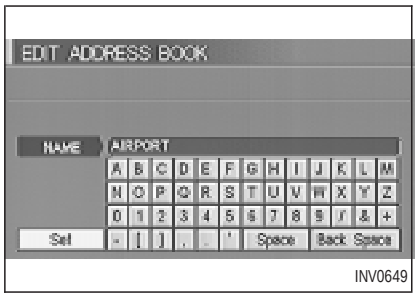
4. Choose the stored location you want to change the name of.



INV0648

5. Select the Rename key.

The change name screen will be displayed.



INV0649

6. Select the Set key after entering the new name.

INFO:

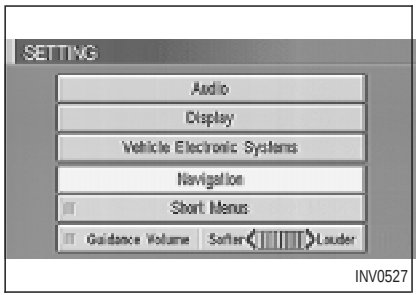
To go back to the map display, press the MAP button.

CHANGING THE ICONS

1. You can display the icon at a stored location.

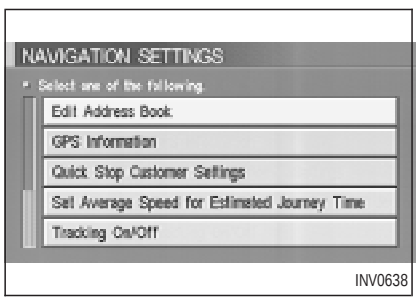
Press the SETTING button.

HOW DO I USE THE ADDRESS BOOK FEATURE?



INV0527

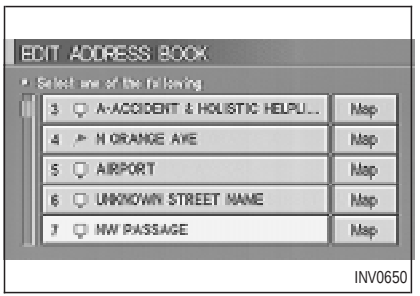
2. Select the Navigation key.



INV0638

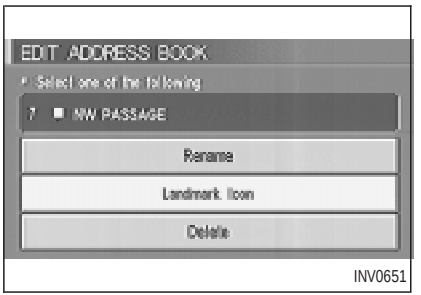
The [NAVIGATION SETTINGS] screen will be displayed.

3. Select the Edit Address Book key.



INV0650

4. Choose a stored location where you want to set the icon.



INV0651

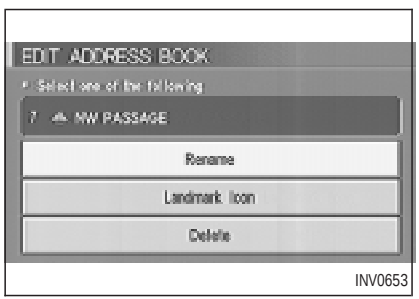
5. Select the Landmark Icon key.

INV0652

6. Choose an icon.

The left picture displayed on the [icon] is a planview icon and the right picture displayed on the [icon] is a Birdview™ icon.

The icon of the stored location will be set.



INFO:

- To go back to the screen displaying the current vehicle position, press the MAP button.
- If you press the PREV button, the screen will go back to the screen displayed in step 5.
- If you alter the icon of the stored location, the icon on the map will also change.

HOW DO I USE THE ADDRESS BOOK FEATURE?

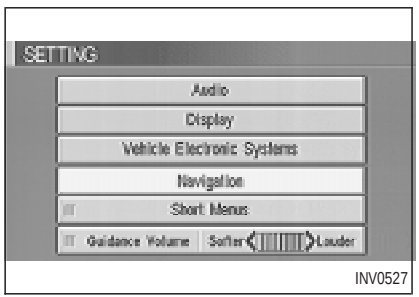
Legend of icons which can be set for the stored locations

INV0251

ADJUSTING THE STORED ADDRESS BOOK ENTRIES

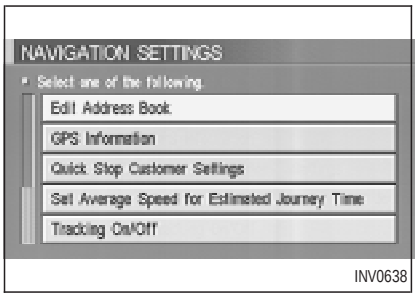
You can easily adjust the point of the stored location by the joystick.

1. Press the SETTING button.



INV0527

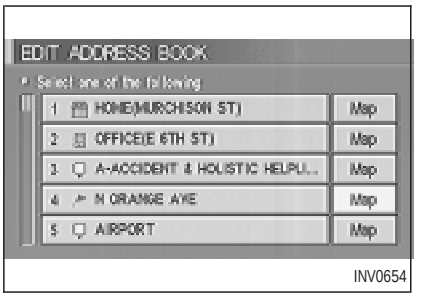
2. Select the Navigation key.



INV0638

The [NAVIGATION SETTINGS] screen will be displayed.

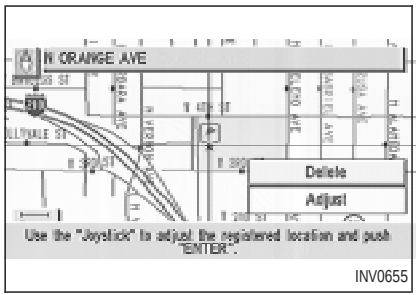
3. Select the Edit Address Book key.



INV0654

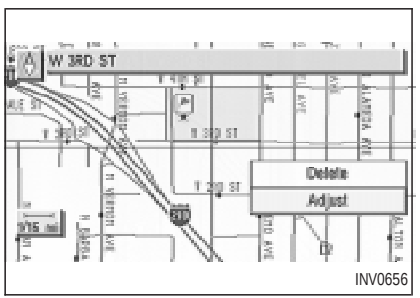
4. Choose the Map key next to the stored location you want to adjust.

HOW DO I USE THE ADDRESS BOOK FEATURE?



INV0655

5. Use the joystick to set the new location.



INV0656

6. Select the Adjust key.

The location is updated after the update message is shown. The screen goes back to the screen displayed in step 4.

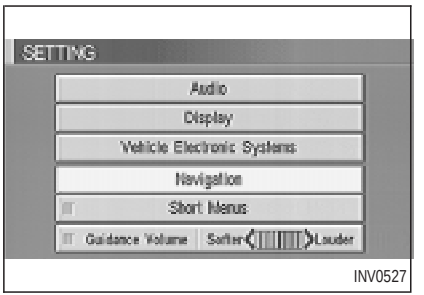
INFO:

To go back to the screen displaying the current vehicle position, press the MAP button.

DELETING STORED LOCATIONS

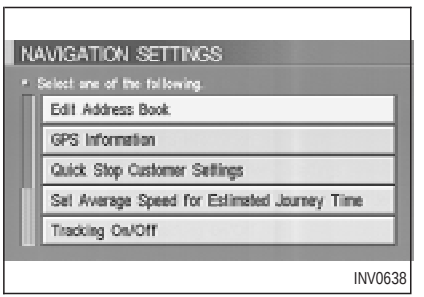
You can delete the stored locations you no longer need from memory.

1. Press the SETTING button.



INV0527

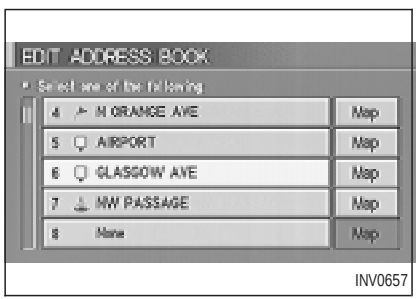
2. Select the Navigation key.



INV0638

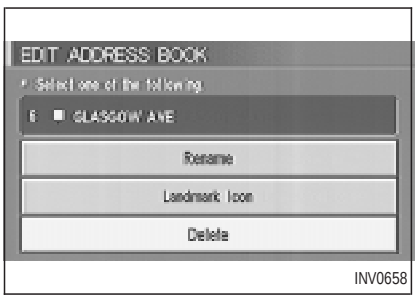
3. The [NAVIGATION SETTINGS] screen will be displayed.

   Select the Edit Address Book key.



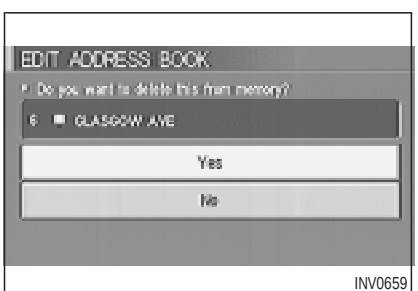
INV0657

4. Select the location you want to delete.



INV0658

5. Select the Delete key.



INV0659

6. The system will ask for a confirmation. If correct, select the Yes key. The location will be deleted. After the deletion message is shown the screen goes back to the screen displayed in step 4.

INFO:

To go back to the screen displaying the current vehicle position, press the MAP button.

8 HOW DO I USE THE AVOID AREA FEATURE?

Setting avoid areas 8-2
Setting with the selected location key 8-5
Renaming the avoid areas 8-5
Deleting the avoid areas 8-6
Setting with the Map key 8-7

HOW DO I USE THE AVOID AREA FEATURE?

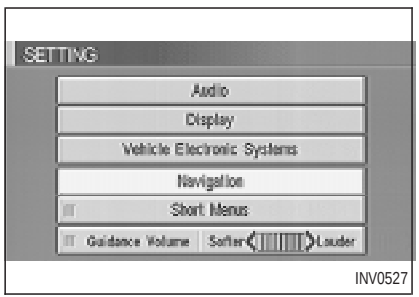
SETTING AVOID AREAS

Setting avoid areas will give you a route away from areas you wish to avoid.

INFO:

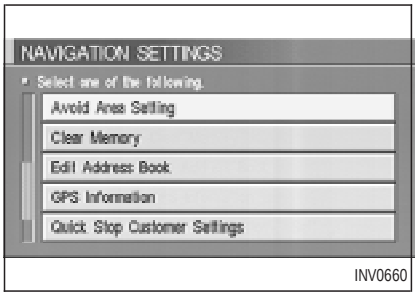
If the vehicle icon is in the avoid area, route calculation cannot be completed.

1. Press the SETTING button.



INV0527

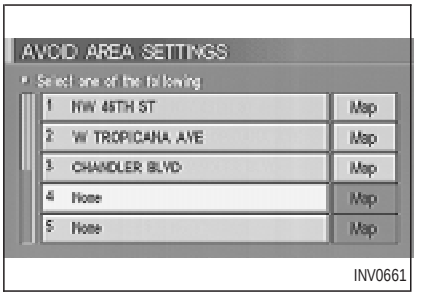
2. Select the Navigation key.



INV0660

3. The display shows the [NAVIGATION SETTINGS] screen.

Select the Avoid Area Setting key.



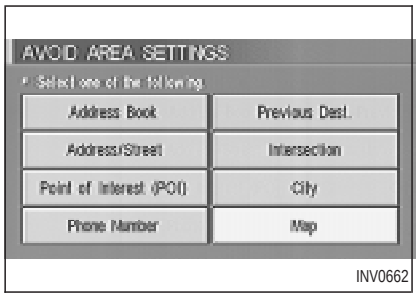
INV0661

4. The display shows the [AVOID AREA SETTINGS] screen.

Select a key which is not set as an avoid area.

INFO:

It is possible to set up to 10 areas.



INV0662

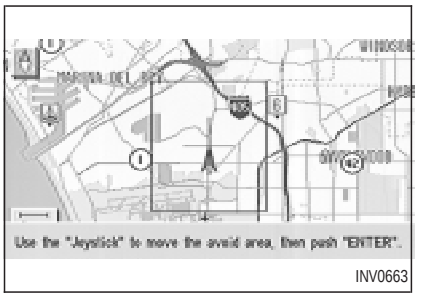
5. The display shows categories which can be used to set an avoid area.

For example, use the Map key to set an avoid area.

Select the Map key.

INFO:

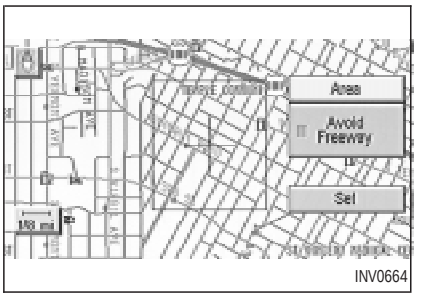
For setting with other categories, please refer to “Expert mode categories” on page 5-2.



INV0663

6. The display shows the map which centers the area to be set as an avoid area.

Use the ZOOM IN or ZOOM OUT button to adjust the map reduction scale.



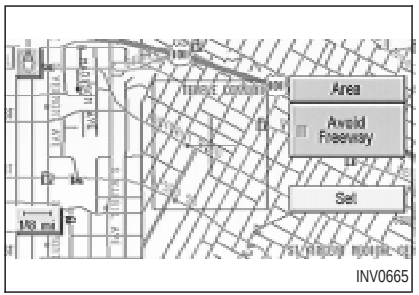
INV0664

7. Use the joystick to adjust the location.

INFO:

Area size: Max. 5 x 5 miles (8 x 8 km)

HOW DO I USE THE AVOID AREA FEATURE?



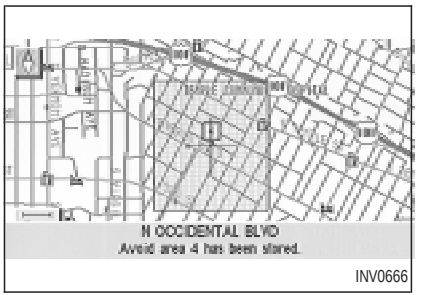
INV0665

8. The display shows the keys on the right of the screen.

Select the Set key.

INFO:

- If you want to avoid the freeway in that area, select the Avoid Freeway key to turn on the green indicator on the key. (Indicator ON: avoid, OFF: do not avoid)
- When altering the size of the avoid area, select the Area key. The area size is increased or decreased by three scales.



INV0666

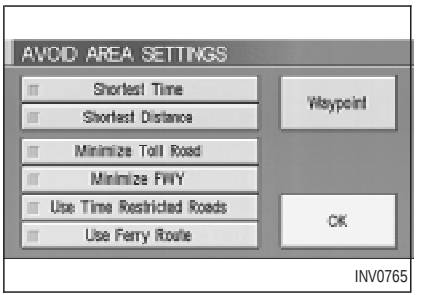
- The avoid area is set, and the grid will be displayed on the screen.

INFO:

The grid color will be displayed in green or blue.

(Avoid Freeway ON: green, OFF: blue)

If the route guidance is set, the display shows the [AVOID AREA SETTINGS] screen.



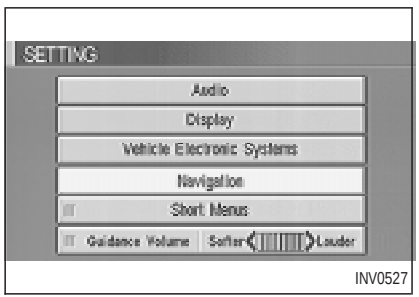
INV0765

- Please refer to “Making the system guide the route with detailed options” on page 5-26.

If the route guidance is not set, the display shows the current vehicle location.

SETTING WITH THE SELECTED LOCATION KEY

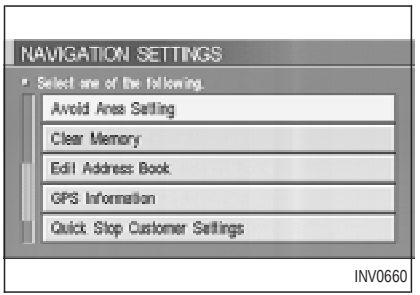
When the stored avoid area is selected, the avoid area can be renamed or deleted.



INV0527

RENAMING THE AVOID AREAS

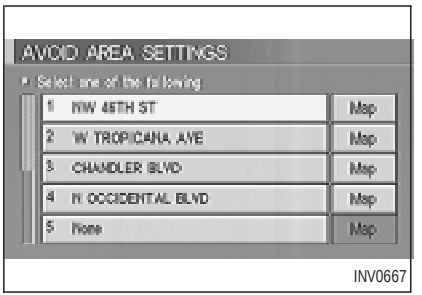
1. Press the SETTING button.
2. Select the Navigation key.



INV0660

3. The display shows the [NAVIGATION SETTINGS] screen.

Select the Avoid Area Setting key.

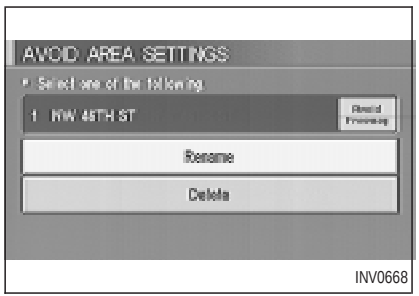


INV0667

4. The display shows the [AVOID AREA SETTINGS] screen.

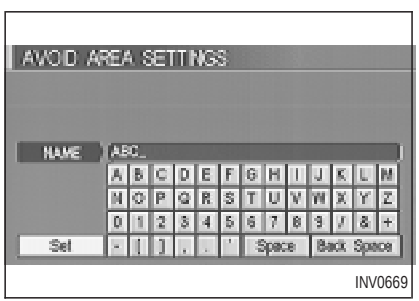
Select a key which is set as an avoid area.

HOW DO I USE THE AVOID AREA FEATURE?



INV0668

5. Select the Rename key.



INV0669

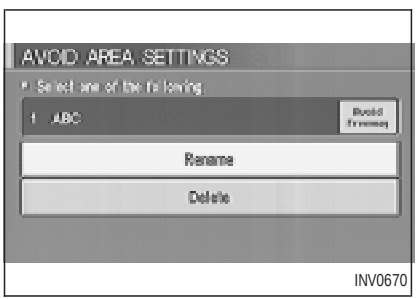
6. The display shows the keyboard.

Enter the area name using the keyboard.

When the Set key is selected, the avoid area is renamed, and the screen returns to the previous screen.

INFO:

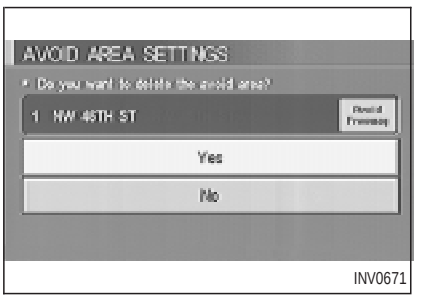
When the Back Space key is selected, the cursor moves back to the previous letter. When the Space key is selected, the cursor proceeds to make one space.



INV0670

DELETING THE AVOID AREAS

1. Select the Delete key on the screen in step 5 under “Renaming the avoid areas”.



INV0671

2. Select the Yes key.

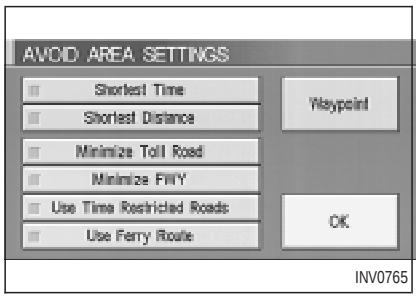
The avoid area is deleted.

If the route guidance is set, the display shows the [AVOID AREA SETTINGS] screen.

INFO:

When the No key is selected, the avoid area

will not be deleted, and the screen returns to the previous screen.



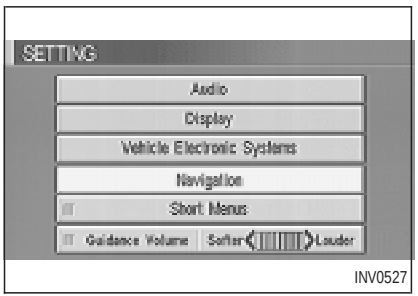
3. Please refer to “Making the system guide the route with detailed options” on page 5-26.

If the route guidance is not set, the display shows the current vehicle location.

SETTING WITH THE Map *KEY*

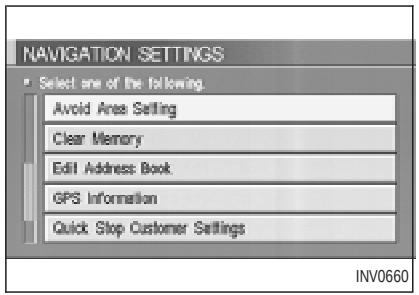
When the stored avoid area is selected, the avoid area can be adjusted or deleted.

Press the SETTING button.



Adjusting the stored avoid areas

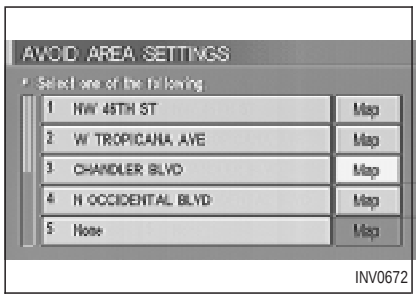
1. Select the Navigation key.



2. The display shows the [NAVIGATION SETTINGS] screen.

Select the Avoid Area Setting key.

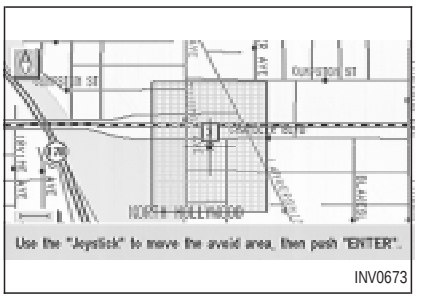
HOW DO I USE THE AVOID AREA FEATURE?



INV0672

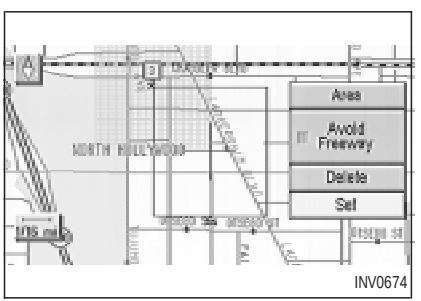
3. The display shows the [AVOID AREA SETTINGS] screen.

Select the Map key of stored avoid areas.



INV0673

4. Use the joystick to adjust the location.



INV0674

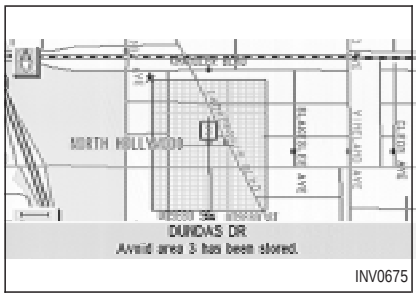
5. Press the ENTER button.

The display shows the keys on the right of the screen.

Select the Set key.

INFO:

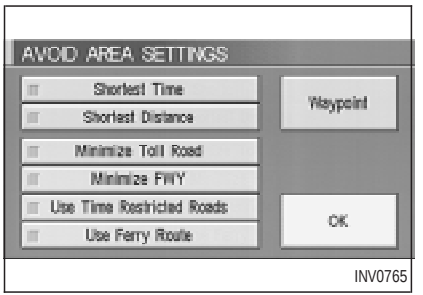
- If you want to avoid the freeway in that area, select the Avoid Freeway key to turn on the green indicator on the key. (Indicator ON: avoid, OFF: do not avoid)
- When altering the size of avoid area, select the Area key. The area size is increased or decreased by three scales.



INV0675

6. The avoid area is set, and the grid is displayed on the screen.

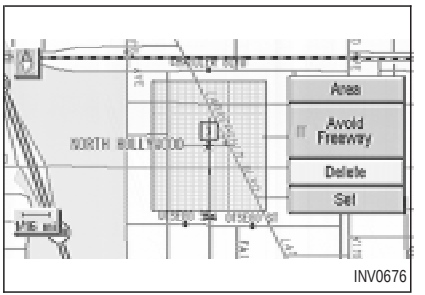
If the route guidance is set, the display shows the [AVOID AREA SETTINGS] screen.



INV0765

7. Please refer to “Making the system guide the route with detailed options” on page 5-26.

If the route guidance is not set, the display shows the current vehicle location.

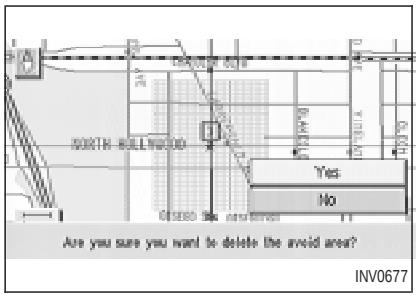


INV0676

Deleting the stored avoid areas

1. Select the Delete key on the screen shown in step 6 under “Adjusting the stored avoid areas”.

HOW DO I USE THE AVOID AREA FEATURE?



INV0677

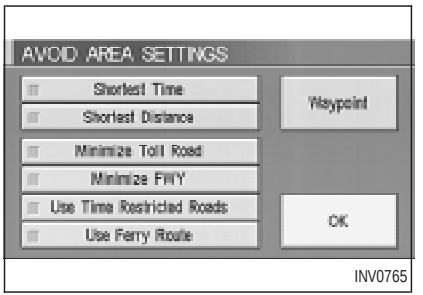
2. Select the Yes key.

The avoid area is deleted.

If the route guidance is set, the display shows the [AVOID AREA SETTINGS] screen.

INFO:

When the No key is selected, the avoid area will not be deleted, and the screen returns to the previous one.



INV0765

3. Please refer to “Making the system guide the route with detailed options” on page 5-26.

If the route guidance is not set, the display shows the current vehicle location.

9 HOW DO I USE THE AUTOMATIC REROUTING FEATURE?

Rerouting when the vehicle is off the suggested route 9-2
Automatic rerouting 9-2
Detouring from the route temporarily 9-3

HOW DO I USE THE AUTOMATIC REROUTING FEATURE?

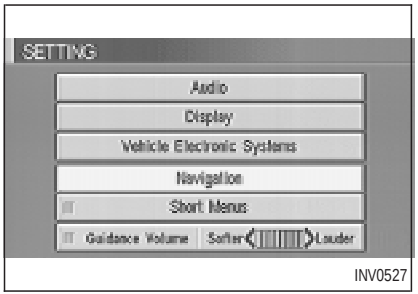
REROUTING WHEN THE VEHICLE IS OFF THE SUGGESTED ROUTE

When you have strayed from the suggested route during the route guidance, you can request a re-route from the current location using the automatic re-routing function.

AUTOMATIC REROUTING

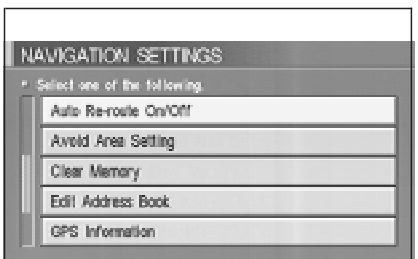
This setting will re-route automatically even if the driver turns off the suggested road. The auto re-route will bring the vehicle to the destination. You will have to set the system for automatic re-routing.

1. Press the SETTING button.



INV0527

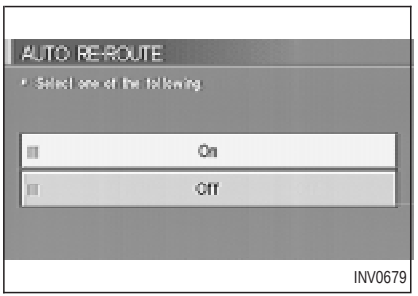
2. Select the Navigation key.



INV0678

3. The display shows the [NAVIGATION SETTINGS] screen.

Select the Auto Re-route On/Off key.



INV0679

4. When turning on/off the auto reroute, select the On or Off key.
   When the ENTER button is pressed, the selected key will be illuminated.
5. Press the MAP button.

The map screen will re-appear, and the system will start route calculation automatically.

INFO:

- When optional routes are not found, the original route will be displayed.
- When the vehicle runs off the suggested route with the automatic re-routing function activated, route re-calculation will be attempted so that the vehicle returns to the original route. However, if the vehicle stays off the route, the system will calculate a new route.

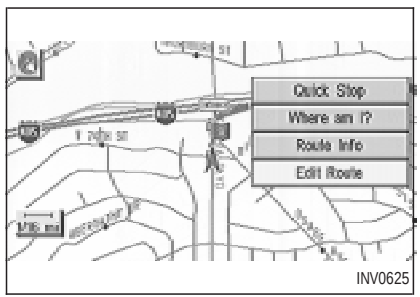
DETOURING FROM THE ROUTE TEMPORARILY

If you encounter a traffic jam, you can ask the system to calculate a detour with the pre-set distance.

NOTE:

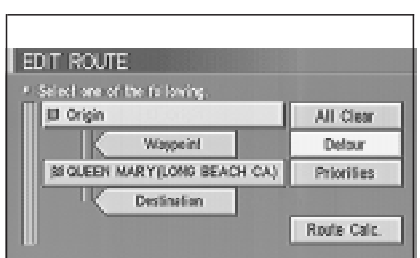
The detour feature is only available when a destination has been set.

1. Press the [ROUTE] button.



INV0625

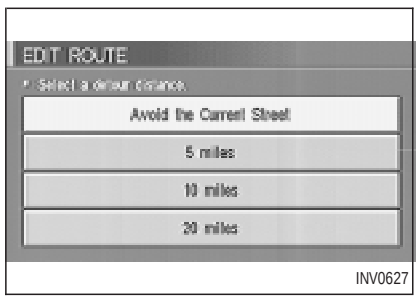
2. Select the [Edit Route] key.



INV0626

3. Select the [Detour] key.

The [DETOUR] screen will be displayed.



INV0627

4. Set distance for detour calculation.

The system will look for a detour according to the distance set from the current location.

INFO:

- When the [Avoid the Current Street] key is selected, a detour route to approximately 20 miles (30 km) will be calculated if the distance to the next guide point intersection exceeds 20 miles (30 km).

HOW DO I USE THE AUTOMATIC REROUTING FEATURE?

- If an alternative route cannot be found, the previous route before calculation will be displayed.
- If the vehicle is traveling at high speed, the suggested detour may start from the point the vehicle has already passed.

10 HOW DO I USE THE VOICE GUIDANCE FEATURE?

About voice guidance 10-2
- Basics of voice guidance..... 10-2
- Adjusting the guide volume 10-2
- Directions given and the distance to the road points 10-3
- Notification of an intersection on an ordinary road..... 10-3
- Notification of consecutive intersections on an ordinary road..... 10-3
- Notification of an entrance to a freeway..... 10-3
- Notification of a freeway junction..... 10-3
- Notification of an exit from a freeway..... 10-3

Requesting current voice information 10-3
Notes on the voice guidance..... 10-4

HOW DO I USE THE VOICE GUIDANCE FEATURE?

ABOUT VOICE GUIDANCE

WARNING

To operate the navigation system or to use the screen functions, first park the vehicle in a safe place and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident.

BASICS OF VOICE GUIDANCE

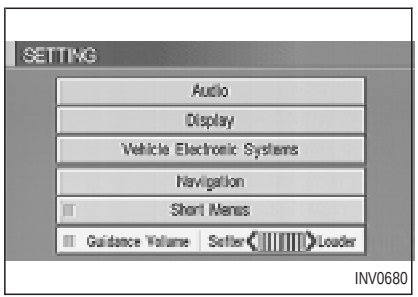
The voice guidance will verbally tell you which direction to turn when the vehicle approaches the intersection in which you have to make a turn to reach the destination.

NOTE:

Directional guidance provided by the navigation system does not factor in the constraints of carpool lane driving.

- **There may be some cases in which the voice guidance and the actual road conditions do not correspond. This may occur because of discrepancies between the actual road and the information on the DVD or due to the vehicle's speed.**
- **In case the content of the voice guidance does not match the actual road conditions, follow the information obtained from traffic signs or notices on the road.**

ADJUSTING THE GUIDE VOLUME



1. Press the SETTING button on the control panel.
2. When turning on/off the voice guidance, push the ENTER button. When the Guide Volume key is illuminated with a green indicator, it is activated. When turning up/down the voice guidance, touch the Louder or Softer key. The voice will become louder/softer.

DIRECTIONS GIVEN AND THE DISTANCE TO THE ROAD POINTS

Depending on the road types, the direction will differ.

INFO:

Depending on the vehicle speed, the distance may vary.

NOTIFICATION OF AN INTERSECTION ON AN ORDINARY ROAD

"In a half mile, right (left) turn."

"In a quarter mile, right (left) turn."

"Right (left) turn ahead."

NOTIFICATION OF CONSECUTIVE INTERSECTIONS ON AN ORDINARY ROAD

"In a half mile, right (left) turn."

"In a quarter mile, right (left) turn, then left (right) turn."

"Right (left) turn ahead, then left (right) turn."

NOTIFICATION OF AN ENTRANCE TO A FREEWAY

"In a half mile, freeway entrance on your right onto (road number and direction)."

"In a quater mile freeway entrance on your right onto (road number and direction)."

"Freeway entrance on your right onto (road number and direction)."

NOTIFICATION OF A FREEWAY JUNCTION

"In about two miles, keep to the right (left) onto (road number and direction)."

"In about one mile, keep to the right (left) onto (road number and direction), then in quater keep to the left (right)."

"Keep to the right (left) onto (road number and direction), then in quater of a mile keep to the left (right) onto (road number and direction)."

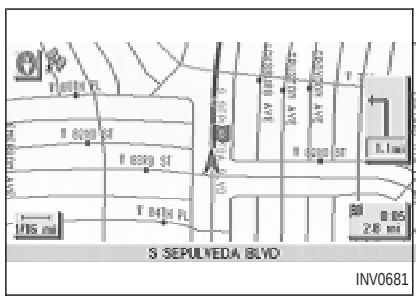
"Keep to the left (right) onto (road number and direction)."

NOTIFICATION OF AN EXIT FROM A FREEWAY

"In a half miles, exit on your right."

"Take the second exit on your right."

REQUESTING CURRENT VOICE INFORMATION



INV0681

HOW DO I USE THE VOICE GUIDANCE FEATURE?

This is available during route guidance, from the time after the route calculation is completed until the vehicle arrives at the destination.

1. Press the VOICE button.

The current condition will be announced.

INFO:

- If you press the VOICE button when you are off the suggested route and when the automatic re-route function is off, the voice will announce: "Proceed to the highlighted route."
- If you press the VOICE button when you are going in the wrong direction, the voice will announce: "Please make a legal U-turn if possible."

NOTES ON THE VOICE GUIDANCE

- The voice guidance in this system should be regarded as a supplementary function. When driving your vehicle, check the route on the map display and follow the actual road and all traffic regulations.
- The voice guidance is activated only for junctions with certain conditions. In some cases you may need to turn, even if there is no voice guidance.
- The content of the voice guidance may vary, depending on the direction of the turn and the type of junction with other roads.
- The route guidance will be activated at various times depending on the situation.
- When the vehicle is off the suggested route, route guidance is not available. The system will not inform you of this; please refer to the map display and request rerouting.
- At freeway junctions, the road numbers and directions may not accurately correspond with the voice guidance.
- At freeway exits, the street names may not accurately correspond with the voice guidance.
- The displayed street names may sometimes differ from the actual names or "UNKNOWN STREET NAME" may be displayed.

Please refer to "Automatic rerouting" on page 9-2.

- When the green indicator on the Guide Volume key is not illuminated, the voice guidance is not available.
- The voice guidance will start when the vehicle enters the suggested route. Before entering the route, refer to the map display for the direction.
- When the vehicle approaches a waypoint, the voice will say, "You have arrived at waypoint 1 (2, 3, 4,...)." The guidance will switch to the next route section. While the voice guidance is not available, please refer to the map display for the direction.

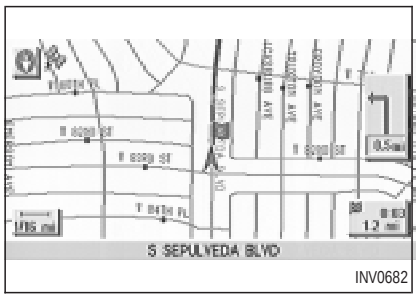
- When the vehicle approaches a destination, the voice will say, “You have arrived at your destination. Ending route guidance.” For the remainder of the way, please find your direction on the map display.
- In some cases, the voice guidance ends before arrival at the destination. In such cases, drive the vehicle by referring to the destination icon displayed on the map screen.
- When the system can judge on which side the destination (waypoint) is located, the voice guidance will say “on the right” after announcing the arrival at the destination.
- Voice guidance may not operate as specified or may not operate at all due to the angle of roads at intersection entrances and exits.

11 HOW DO I ADJUST THE DISPLAY?

Screen information — Planview display 11-2
Screen information — Birdview™ display 11-2
  Switching between Birdview™ and Planview displays 11-3
Zooming in and out of the map 11-6
Changing the display direction (in Planview display) 11-7
Scrolling the map 11-8
Displaying the complete route to the destination 11-9
Displaying turn list 11-10
Requesting the simulation drive to the destination 11-11
  Displaying the track 11-12
GPS information display 11-13
  Updating the current vehicle location and the direction 11-14
How to handle the display 11-16
  Characteristics of liquid crystal display 11-16
  Maintenance of the display 11-16

HOW DO I ADJUST THE DISPLAY?

SCREEN INFORMATION — PLANVIEW DISPLAY



INV0682

Direction key:

This indicates and sets the direction of the map on the display.

Please refer to “Changing the display direction” on page 11-7.

1/16mi **Map scale:**

This display indicates the scale on the current map.

Vehicle icon:

This icon indicates your vehicle and the direction of travel.

GPS indicator:

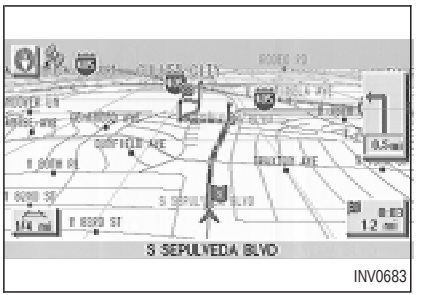
This will tell you the strength of the GPS signal received.

Please refer to “Accuracy of positioning” on page 2-2.

0:03 1.2mi **:**

This will indicate the approximate distance of route and traveling time to the destination. This indicator will appear when you set the destination with the route guidance ON.

SCREEN INFORMATION — Birdview™ DISPLAY



INV0683

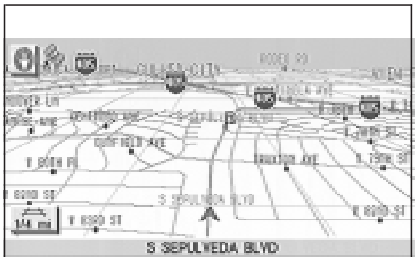
1/4mi **Map scale:**

This display indicates the scale on the current map.

By using the ZOOM IN / ZOOM OUT buttons, you can change the scale of the map.

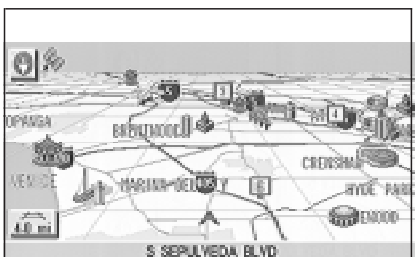
Height and distance on Birdview™ display is shown in the table on page 11-3.

Height of view	Distance between grids	Depth of distance
512,000 feet	160 miles	approx. 2,240 miles
128,000 feet	40 miles	approx. 560 miles
64,000 feet	20 miles	approx. 280 miles
32,000 feet	10 miles	approx. 140 miles
16,000 feet	4.0 miles	approx. 70 miles
8,000 feet	2.0 miles	approx. 35 miles
4,000 feet	1.0 mile	approx. 17-1/2 miles
2,000 feet	1/2 mile	approx. 8-3/4 miles
1,000 feet	1/4 mile	approx. 4-3/8 miles



INV0685

<Example> Height of view: 1,000 feet



INV0684

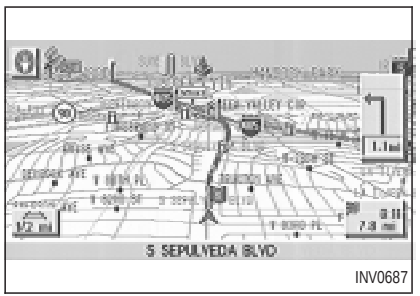
<Example> Height of view: 16,000 feet

SWITCHING BETWEEN Birdview™ and PLANVIEW DISPLAYS

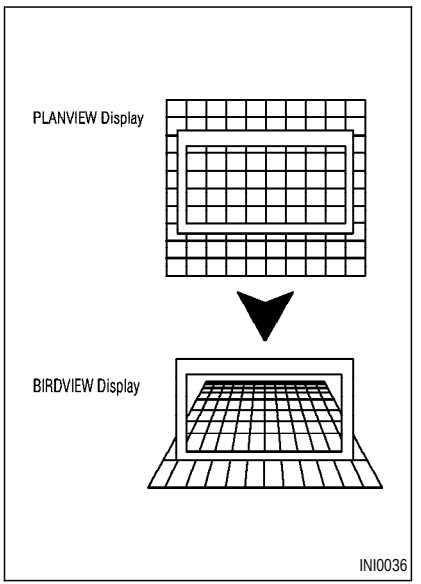
Birdview™ screen displays the view from above, looking down toward the direction the vehicle is traveling. This combines the detailed display close to the vehicle and the long distance view in one screen.

INV0686

HOW DO I ADJUST THE DISPLAY?



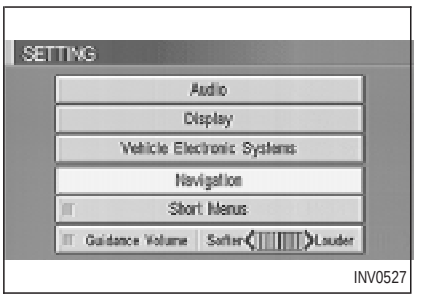
INV0687



INI0036

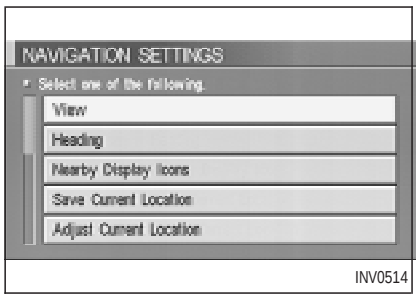
To change between the Birdview™ and Planview, proceed as follows:

1. Press the SETTING button.



INV0527

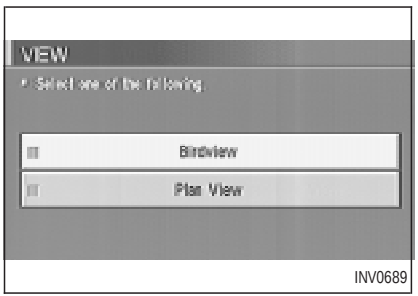
2. Select the Navigation key.



INV0514

3. The display shows the [NAVIGATION SETTINGS] screen.

   Select the View key.



INV0689

4. Select the Birdview or Planview key.

INFO:

Some locations or buildings may be labeled differently in Planview display and Birdview™ display.

About Birdview™ display

The destination (waypoints) cannot be set in Birdview™ display using the map method.

Set them in Planview display.

- It always appears with the current forward direction up.
- When the system is re-drawing the display in Birdview™ display, the distance the vehicle travels becomes longer, and/or the degree the vehicle turns becomes larger than in the Planview display in order to complete re-drawing.
- The names of the roads and locations may differ, depending on where the name appear on the screen.
- In order to avoid having too much detail on the map, all road names are not always shown on the screen. When the display redraws the map, a road name which is shown on the previous screen may not appear on the new screen.

HOW DO I ADJUST THE DISPLAY?

ZOOMING IN AND OUT OF THE MAP

Use the ZOOM IN / ZOOM OUT buttons to change the scale of the display and height view.

Nine map scales are available from the most detailed (1 : 10,000) to the widest view (1 : 20.48 million).

Each time the ZOOM IN button is pressed, the map scale will change one level to display a more detailed map.

Each time the ZOOM OUT button is pressed, the map scale will change one level to display a map that shows a wider area.

The chosen map scale will be displayed on the left side of the screen.

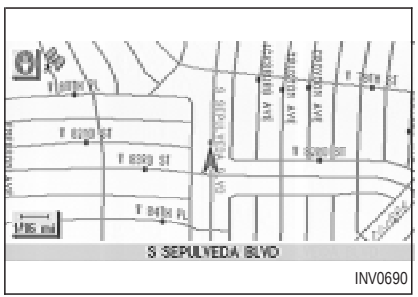
INFO:

By pressing the button repeatedly, you can skip the levels to reach the map of desired scale.

Scale level on the Planview display

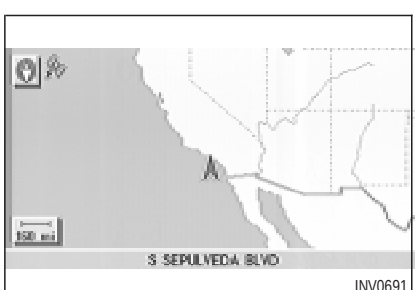
Map scale	Actual distance
1 : 20.48 million	160 miles
1 : 5.12 million	40 miles
1 : 1.28 million	10 miles
1 : 320,000	2.5 miles
1 : 160,000	1 mile
1 : 80,000	1/2 mile
1 : 40,000	1/4 mile
1 : 20,000	1/8 mile
1 : 10,000	1/16 mile

Scales on the Birdview™ are listed on page 11-3.



INV0690

<Example> Most detailed level (1: 10,000)

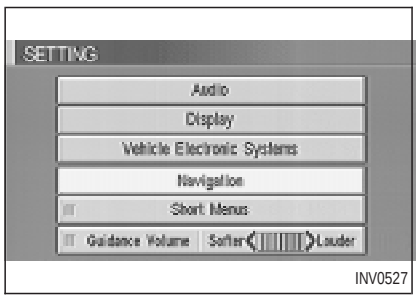


INV0691

<Example> The widest level (1: 20.48 million)

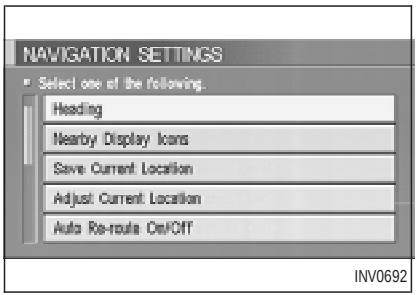
CHANGING THE DISPLAY DIRECTION (IN PLANVIEW DISPLAY)

1. Press the SETTING button.



INV0527

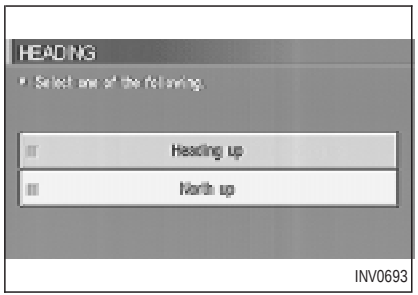
2. Select the Navigation key on the [SETTING] screen.



INV0692

3. Select the Heading key on the [NAVIGATION SETTINGS] screen.

The [HEADING] screen will be displayed.



INV0693

4. Select the Heading Up key or the North Up key.

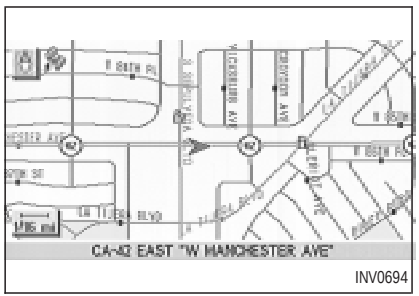
The map is displayed as follows:

Heading Up : The map shows the current forward direction up.

North Up : The map shows North up.

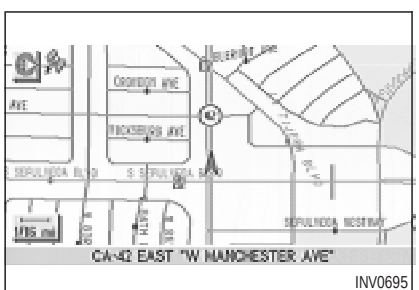
HOW DO I ADJUST THE DISPLAY?

<Display with North up>



INV0694

<Display with the forward direction up>



INV0695

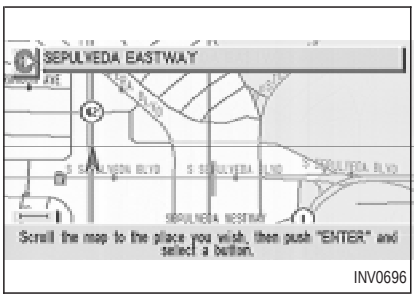
INFO:

- When the key is selected, the green indicator light will light up.
- When the MAP button is pressed after the display setting, the [CURRENT LOCATION] screen will appear.

  When the PREV button is pressed, the previous screen will reappear.

SCROLLING THE MAP

You can manually scroll the map to check the location of your choice.



INV0696

1. Operating the joystick.

The map scrolls in the same direction as the joystick movement.

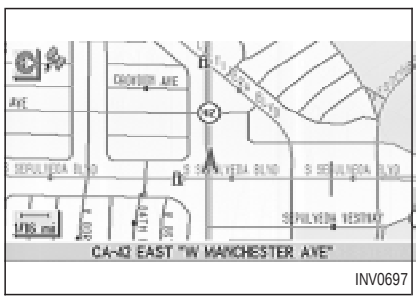
INFO:

While the vehicle is traveling, a single operation will move within the displayed area of the screen.

2. Press the MAP button to go back and show the current vehicle position.

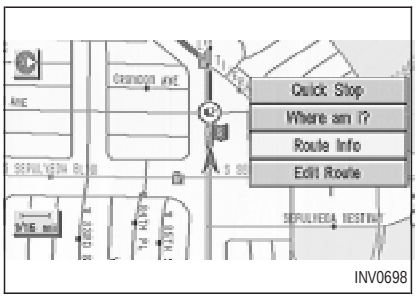
INFO:

You can also select the PREV button to go back.



INV0697

DISPLAYING THE COMPLETE ROUTE TO THE DESTINATION

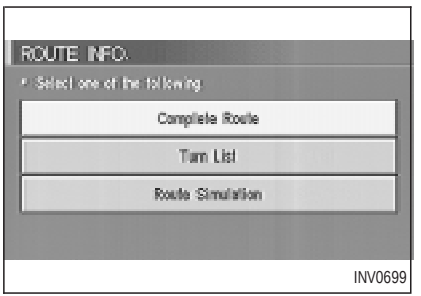


INV0698

You can request to display the complete suggested route to the destination.

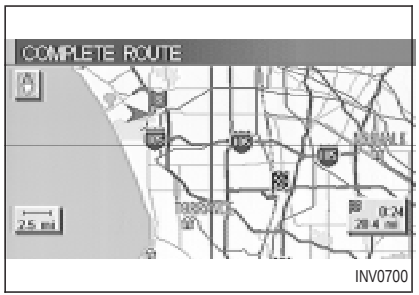
1. Press the ROUTE button.

Keys will be displayed on the screen.



INV0699

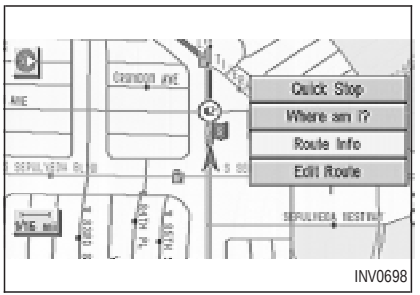
2. Select the Route Info key.
3. Select the Complete Route key.



INV0700

The complete suggested route to the destination will be displayed.

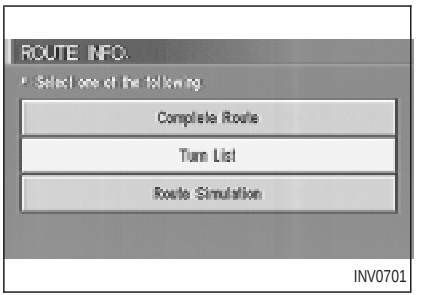
DISPLAYING TURN LIST



INV0698

You can display the list of guide points to the destination during route calculation.

1. Press the ROUTE button.
2. Select the Route Info key.



INV0701

3. Select the Turn List key.

INV0702

A list of destinations, waypoints and guide

points will be displayed. Guidance will be made at each guide point which direction to turn.

The distance between the guide points and the travel time will also be displayed.

It may take time to prepare the turn list. In such cases, the Turn List key will be highlighted and you can not select it until calculation is completed.

INFO:

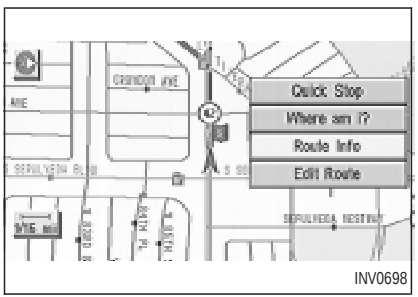
- In the turn list, turning points more than 60 miles (100 km) away from the current vehicle location will not be displayed.
- When calculated routes include a freeway, information about freeway entrances and exits will also be displayed.

REQUESTING THE SIMULATION DRIVE TO THE DESTINATION

You can simulate driving the entire suggested route to the destination on the screen.

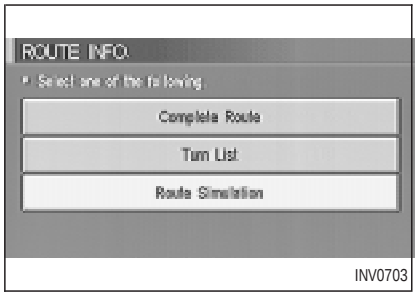
1. Press the ROUTE button.

Keys will be displayed on the screen.



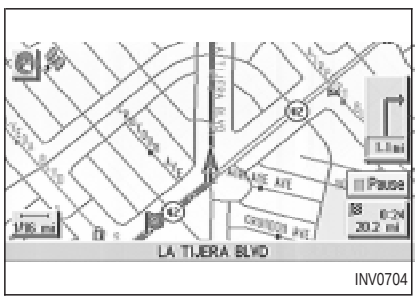
INV0698

2. Select the Route Info key.



INV0703

3. Select the Route Simulation key.



INV0704

The screen will display a simulated drive with

voice guidance on the suggested route to the destination.

4. When the CANCEL or DEST button is pressed, or the vehicle starts to run, the route simulation will be canceled.

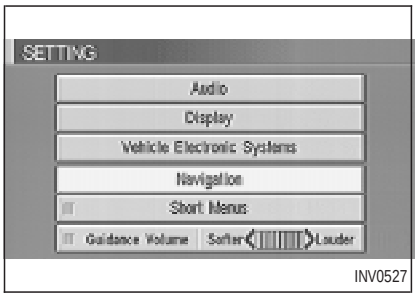
INFO:

If you select the Pause key, simulation is interrupted. If you select the key again, the simulation will restart.

DISPLAYING THE TRACK

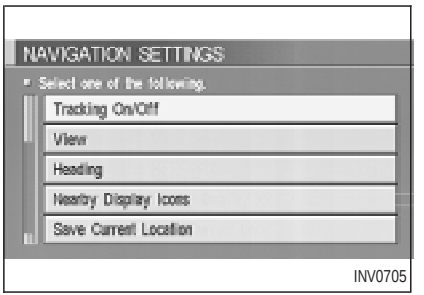
You can have the system track the road you have taken, and display it with indication marks or locus indicators {○}.

1. Press the SETTING button.



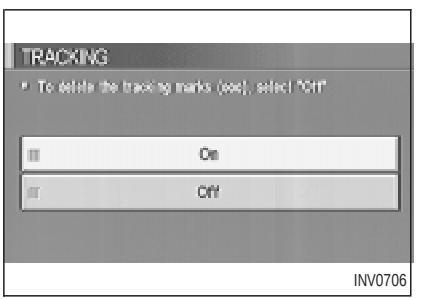
INV0527

2. Select the Navigation key on the [SETTING] screen.



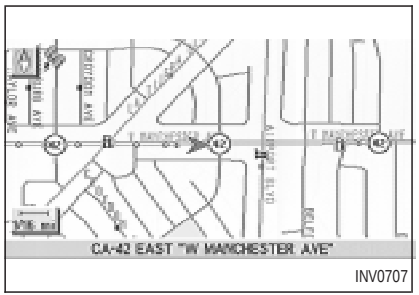
INV0705

3. Select the Tracking On/Off key.



INV0706

4. Select the On key.



INV0707

5. Press the MAP button.

The location of the vehicle will be displayed.

INFO:

- You can select the On key to display the locus indicator (○), and the Off key to get rid of it.
- The locus indicator (○) may be spaced differently, according to the scale of the map.
- If you reset the current vehicle location, the locus indicator (○) will be cleared.

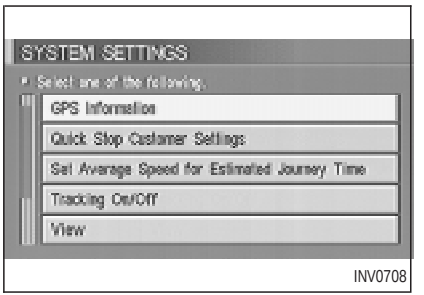
GPS INFORMATION DISPLAY

The following GPS information will be displayed on the screen: latitude, longitude, altitude, signal reception, and satellite locations.

1. Press the SETTING button.

INV0527

2. Select the Navigation key on the [SETTING] screen.

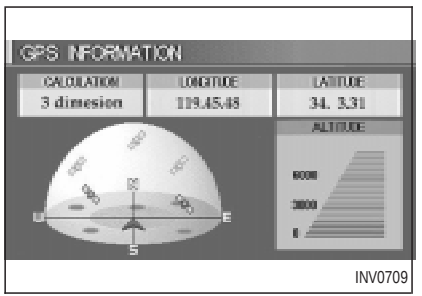


INV0708

3. Select the GPS Information key.

GPS information will be displayed.

HOW DO I ADJUST THE DISPLAY?



INV0709

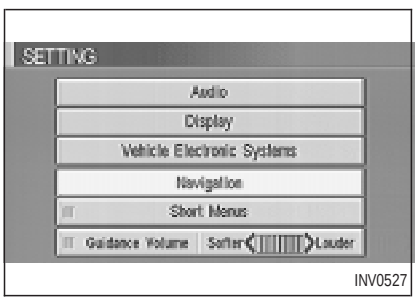
INFO:

- The satellite with a strong enough signal will be indicated in green.
- The display will read, [3-dimensional positioning], [2-dimensional positioning], or [positioning impossible], depending on the signal strength. (Altitude will not be displayed in 2-dimensional positioning.)
- When the MAP button is pressed, the [CURRENT LOCATION] screen will appear. When the PREV button is pressed, the [NAVIGATION SETTINGS] screen will appear.

UPDATING THE CURRENT VEHICLE LOCATION AND THE DIRECTION

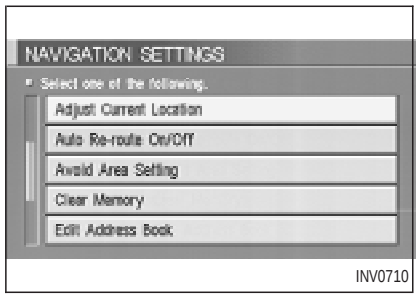
If the vehicle icon does not indicate the correct location or the direction does not match the actual road, you can adjust them on the map screen.

1. Press the SETTING button.



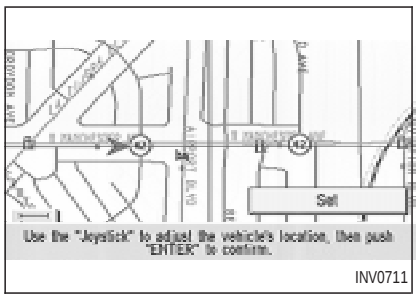
INV0527

2. Select the Navigation key on the [SETTING] screen.



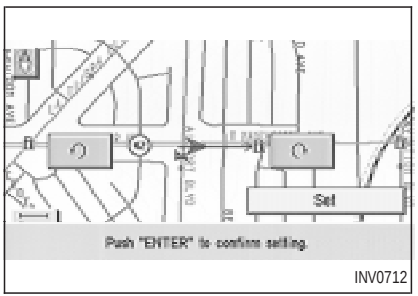
INV0710

3. Select the Adjust Current Location key on the [NAVIGATION SETTINGS] screen.



INV0711

4. Align the correct location to the cross point on the map using the joystick, and select the Set key. The current location will be corrected, and the direction adjustment screen will appear.

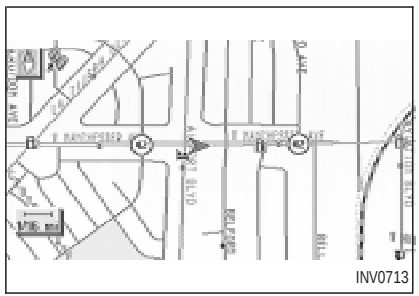


INV0712

5. Adjust the direction using the ↶ and ↷ key.

The arrow on the display shows the direction of the vehicle icon.

6. Select the Set key.


INV0713

INFO:

- It is not possible to update the vehicle location when the vehicle is moving.
- Depending on the driving conditions, the vehicle icon may not exactly correspond to the actual location of the vehicle. To verify position, refer to map books or check actual landmarks.
- If you notice that the system is displaying a different road from the one the vehicle is actually traveling, and the vehicle icon does

not go back to the right road after traveling approximately 6-1/4 miles (10 km), update the vehicle location.

HOW TO HANDLE THE DISPLAY

The display uses liquid crystal and should be handled with care.

⚠ WARNING

Never disassemble the display. It has some areas with extreme high voltage. Touching it may result in serious personal injury.

CHARACTERISTICS OF LIQUID CRYSTAL DISPLAY

- If the temperature inside the vehicle is especially low, the display will stay relatively dim or the movement of the images may be slow. These conditions are normal; when the temperature rises, the display will function normally.
- You may notice darker or brighter dots in the display; this is inherent in monitor displays and is not a malfunction.
- You may also notice a remnant of the previous display image on the screen. This afterimage is inherent in displays and is not abnormal.

INFO:

The screen may be distorted by strong magnetic fields.

MAINTENANCE OF THE DISPLAY

⚠ CAUTION

- ***To clean the display, never use a rough cloth, alcohol, benzine, thinner, any kind of solvent, or paper towel with chemical cleaning agent. They will scratch or deteriorate the panel.***
- ***Do not splash any liquid such as water or car fragrance on the display. Contact with liquid will cause the system to malfunction.***

If you need to clean the display screen, use a dry soft cloth. If additional cleaning is necessary, use a small amount of neutral detergent with a soft cloth. Never soak the exterior with water or detergent.

12 INFORMATION ON MAP DATA DISCS

How to order map data DVD-ROM updates 12-2
How to handle the DVD-ROM 12-2
About the navigation map DVD-ROM 12-3
Icons 12-3
Abbreviations definition list 12-7

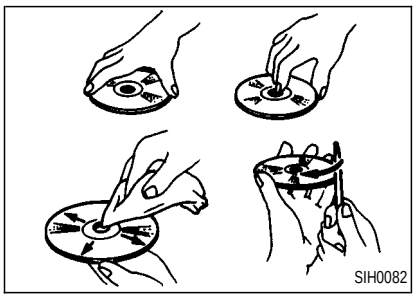
INFORMATION ON MAP DATA DISCS

HOW TO ORDER MAP DATA DVD-ROM UPDATES

To order updated mapping DVD-ROMs or additional DVD-ROMs, please contact the INFINITI NAVIGATION SYSTEM HELP DESK at:

- ADDRESS: P .O. Box 2082, Burlingame, CA 94011
- E-MAIL: customersupport@zenrin.com
- WEB SITE: www.zenrin.com
- PHONE: (800) 662-6200
- HOURS: 6:00 AM to 4:00 PM (Pacific Time)

HOW TO HANDLE THE DVD-ROM



CAUTION

- ***Handle a DVD-ROM by its edges. Never touch the surface of the disc.***
- ***To clean a disc, wipe the surface from the center to the outer edge using a clean, soft cloth. Do not wipe the disc using a circular motion.***

  Do not use a conventional record cleaner, benzine, thinner or alcohol intended for industrial use.
- ***A new disc may be rough on its inner and outer edges. Remove the rough edges using the side of a pen or pencil as illustrated.***
- ***Never attempt to use a DVD-ROM that has been cracked, deformed, or repaired using adhesive. Doing so may cause damage to the equipment.***

- Handle the DVD-ROM carefully to avoid contamination or flaws. Otherwise, signals may not be read properly.

- Do not write, draw or attach anything on any side of the DVD-ROM.
- Do not store the DVD-ROM in locations with direct sunlight or in high temperatures or humidity.
- Always place the discs in the storage case when they are not being used.
- Do not put on any sticker or write anything on either surface of the DVD-ROM.

ABOUT THE NAVIGATION MAP DVD-ROM

1. This navigation map DVD-ROM has been prepared by ZENRIN CO., LTD. under license from Navigation Technologies Corporation. ZENRIN CO., LTD. has added, processed and digitized data based on the digital road map data of Navigation Technologies Corporation. Due to the production timing of the map data, some new roads may not be included in this map data or some of the names or roads may be different from those at the time you use this DVD-ROM.
2. Traffic control and regulation data used in this DVD-ROM may be different from those at the time you use this DVD-ROM due to the data production timing. When driving your vehicle, follow the actual traffic control signs and notices on the roads.
3. Reproducing or copying this map software is strictly prohibited by law.

Published by Nissan North America, Inc.

© 2000 Navigation Technologies. All rights reserved. “Certain business data provided by infoUSA.com, Inc. Copyright 2000, All rights reserved”.

ICONS

Icon legend follows:

INFORMATION ON MAP DATA DISCS

Legend of the icons used on the map

INV0757

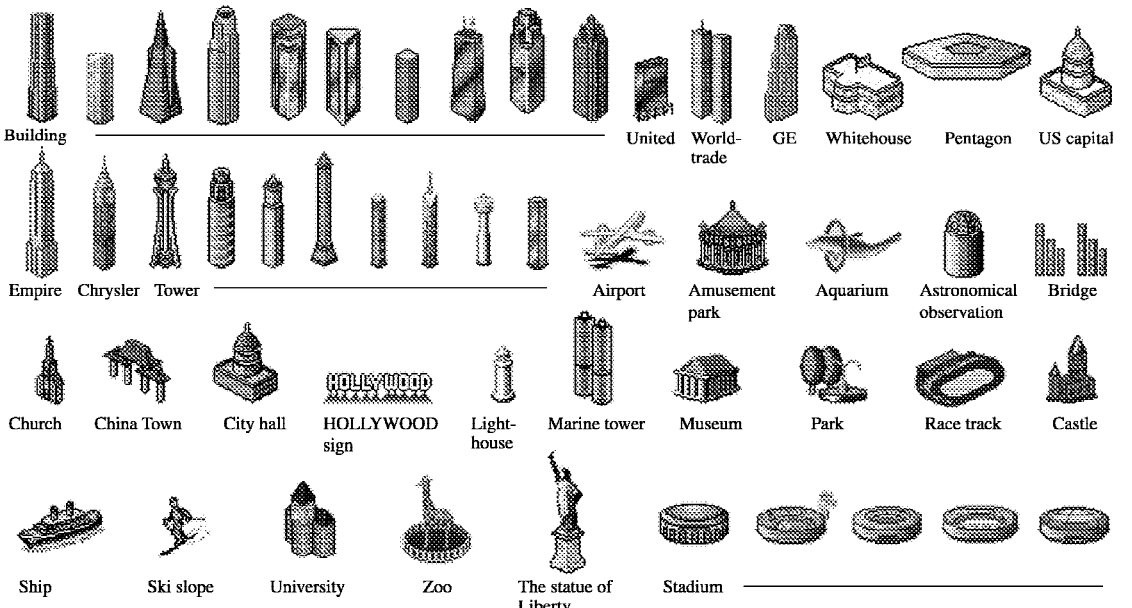
Library
Park/ Recreation Area
Police Station
Restaurant
Tourist Information
Marina
Park & Ride
Post Office
School
Train Station
Military
Parking Garage/ House
Public Sports Airport
Shopping
Winery
Museum
Parking Lot
Recreation
Ski Area
Named Place
Performing Arts
Rental Car Agency
Sports Complex
NISSAN Dealer
Petrol/ Gasoline Station
Rest Area
Tourist Attraction

INV0758

INFORMATION ON MAP DATA DISCS

Legend of the 3-D icons

Note: Only some limited landmarks are displayed with 3-D icons on the BirdView™ display. In some areas, no 3-D icons may be displayed depending on the location.



INV0498

ABBREVIATIONS DEFINITION LIST

Abbreviation	Meaning
ACCS	ACCESS
ACRS	ACRES
ALY	ALLEY
APPR	APPROACH
AVE	AVENUE
BCH	BEACH
BND	BEND
BLF	BLUFF
BLVD	BOULEVARD
BRG	BRIDGE
BRK	BROOK
BYP	BYPASS
BYWY	BYWAY
CYN	CANYON
CSWY	CAUSEWAY
CTR	CENTER
CHSE	CHASE
CIR	CIRCLE
CLFS	CLIFFS
CLB	CLUB
COR	CORNER
CT	COURT
CV	COVE
CRK	CREEK
CRES	CRESCENT
XING	CROSSING
CURV	CURVE
DL	DALE
DR	DRIVE
EST	ESTATES
EXP	EXPRESS
EXPY	EXPRESSWAY
EXT	EXTENSION
FRY	FERRY
FLD	FIELD
FLDS	FIELDS
FLTS	FLATS
FRD	FORD
FWY	FREEWAY
GDNS	GARDENS
GTWY	GATEWAY
GLN	GLEN
GRV	GROVE
HVN	HAVEN
HTS	HEIGHTS
HWY	HIGHWAY
HL	HILL
HLS	HILLS
HOLW	HOLLOW
JCT	JUNCTION
KY	KEY
KNL	KNOLL
KNLS	KNOLLS
LNDG	LANDING
LN	LANE
LCK	LOCK
MNR	MANOR
MDWS	MEADOWS
ML	MILL
MT	MOUNT
MTN	MOUNTAIN
OPAS	OVERPASS
PKWY	PARKWAY
PSGE	PASSAGE
PNES	PINES
PL	PLACE
PLZ	PLAZA
PT	POINT
PROM	PROMENADE
RNCH	RANCH
RDG	RIDGE

INFORMATION ON MAP DATA DISCS

Abbreviation	Meaning
RD	ROAD
SHRS	SHORES
SPGS	SPRINGS
SQ	SQUARE
ST	STREET
SUBD	SUBDIVISION
SMT	SUMMIT
TER	TERRACE
TRCE	TRACE
TRAK	TRACK
TRL	TRAIL
TUNL	TUNNEL
TPKE	TURNPIKE
VLY	VALLEY
VIA	VIADUCT
VW	VIEW
VLG	VILLAGE
VIS	VISTA

13 TROUBLESHOOTING GUIDE

Customer assistance 13-2
Basic operations 13-3
Vehicle icon 13-4
Map DVD-ROM 13-6
Destination, waypoints or menu contents cannot be chosen or set 13-6
Voice guidance 13-8
Route calculation 13-9

TROUBLESHOOTING GUIDE

CUSTOMER ASSISTANCE

For assistance or inquiries about the Infiniti Navigation System, please contact:

The Infiniti Navigation Helpdesk at 800-662-6200 or visit the Infiniti website at www.infiniti.com.

BASIC OPERATIONS

Symptom	Possible cause	Remedy
No image comes on.	The brightness adjustment is at the lowest setting.	Adjust it brighter.
No map comes on the screen.	No map DVD-ROM is inserted, or it is inserted upside down.	Insert the DVD-ROM correctly.
	The map display mode is switched off.	Press the MAP button.
No voice guide is available. or The volume is not high enough.	The volume is not set correctly or turned off.	Adjust the volume correctly.
The screen is too dim. The movement is slow.	The temperature in the vehicle is low.	Wait for the temperature to rise.
There are darker or brighter dots in the display.	It is inherent to displays. This condition is characteristics of liquid crystal displays.	This condition is not abnormal.

- Stored location in the address book and other memory functions may be lost if the car's battery is disconnected or becomes discharged for a long time.
  If this should occur, service the car's battery as necessary and re-enter the address book information.

TROUBLESHOOTING GUIDE

VEHICLE ICON

Symptom	Possible cause	Remedy
The location names differ, between Planview and Birdview®.	This is because the displayed information is reduced so that the screen does not become too crowded. There is also a chance that names of the roads or locations will be repeatedly displayed. The name appearing on the screen may be different because of the processing procedure.	It should not be regarded as abnormal.
The vehicle icon is not shown correctly.	The vehicle might have moved with the ignition off, for example on a ferry boat or car transporter.	Drive the vehicle with GPS on for some distance.
The screen does not switch to night screen even after turning the headlights on.	The last setting is the daytime screen, when you turned on the lights the last time.	Turn the headlights on again, go to [DISPLAY SETTING] screen and set it to the night screen.
The map does not scroll even when the vehicle is traveling.	The display is not switched to the map screen.	Press the MAP button.
The vehicle icon does not show up.	The display is not switched to the map screen.	Press the MAP button.
GPS indicator on the screen remains gray.	GPS signals are not received because the vehicle is indoors or in the shade of buildings.	Move the vehicle to outdoors with a clear view of the sky.
	GPS signals are not received because some objects are placed on the instrumental panel.	Remove the objects from the instrumental panel.
	GPS satellites are in poor locations.	Please wait for the satellites to move to better locations.

VEHICLE ICON

Symptom	Possible cause	Remedy
The location of vehicle icon does not match the actual position.	Driving on slippery road surface	If the position marker does not move to the correct position even after the vehicle has been driven approximately 6 miles (10 km), adjust the current location. If necessary, adjust the moving speed of the vehicle.
	Driving on slanted area	
	Rough or violent driving	If the position marker does not move to the correct position even after the vehicle has been driven approximately 6 miles (10 km), adjust the current location.
	GPS indicator remains gray.	Please check the GPS indicator on the screen to see if it remains gray. If it remains gray, drive the vehicle to a place where the GPS can be received.
	Because the vehicle has tire chains on, or the system was transferred to a different vehicle, errors (gain or loss) result in calculating the speed from the speed pulse.	The location of the vehicle icon will move by driving the vehicle for 30 minutes (in case it is running at 18-3/4 miles/hour (30 km/h)). If you still notice errors, adjust moving speed.
	The map data has an error or is incomplete (if the location error always happens in the same area).	Please wait for the update of the Map DVD-ROM.

TROUBLESHOOTING GUIDE

MAP DVD-ROM

Symptom	Possible cause	Remedy
The message “Error” appears after operation.	Map DVD-ROM is soiled or partially damaged.	Check the DVD-ROM and wipe it clean with a soft cloth, following cautions and instructions on page 12-2.
		If you see any damage, replace the DVD-ROM.

DESTINATION, WAYPOINTS OR MENU CONTENTS CANNOT BE CHOSEN OR SET

Symptom	Possible cause	Remedy
Turn list is not displayed.	Route search does not occur.	Set designation areas and perform route search.
	Car marker does not appear on recommended route.	Drive on the recommended route.
	Route guide is OFF.	Turn the route guide ON.
In rerouting, the waypoints are not included in the calculation.	The system has judged that the vehicle has already passed the point to be chosen or set.	If you want to go to that point again, edit the route again.

DESTINATION, WAYPOINTS OR MENU CONTENTS CANNOT BE CHOSEN OR SET

Symptom	Possible cause	Remedy
Route information is not displayed.	Route calculation has not yet been requested.	Set the destination and request route calculation.
	The vehicle icon is not on the suggested route.	Please drive the vehicle along the suggested route.
	Route guidance is off.	Turn the route guidance on.
Route is not calculated automatically.	The vehicle is not running on a route from which calculation can occur.	Enter a route from which calculation can occur from. Alternatively, you can calculate the route manually. In this case, the entire route will be calculated again.
It is impossible to request a detour.	Your vehicle is not running on the suggested route.	Restart route calculation or enter the suggested route.
The detour found is the same as the previous suggestion.	The system took many conditions into consideration, but the same result was obtained.	This condition is not abnormal.
It is impossible to set the waypoints.	The number of waypoints exceeds 5.	It is impossible to set more than 5 waypoints. Please decrease the number of the waypoints.
Some items in the menu cannot be selected.	The vehicle is moving.	Park the vehicle in a safe place and select the desired items to the suggested route.

TROUBLESHOOTING GUIDE

VOICE GUIDANCE

Symptom	Possible cause	Remedy
The voice guidance is not available.	Voice guidance is only available at certain intersections marked with . In some cases, the guidance is not available even when the vehicle should make a turn.	This condition is not abnormal.
	The vehicle is off the suggested route.	Go back to the suggested route or request route calculation again.
	Voice guidance is set OFF.	Turn the voice guidance ON.
	Route guidance is set OFF.	Turn the route guidance ON.
The guidance content does not correspond to the actual condition.	The content of the voice guidance may vary, depending on the types of junctions to make turns on.	Follow the actual rules and regulations you are driving on.

ROUTE CALCULATION

Symptom	Possible cause	Remedy
Although the system is set with the moving direction as the preference, it does not find the route by matching the preference.	There is no route found in that direction.	This condition is not abnormal.
Route is not indicated.	There is no road that can be found by this system close to the destination.	Reset the destination closer to the road displayed in orange. Especially with roads which have separate lanes for opposite directions, be careful in setting the destination or waypoints on it, because results may differ depending on the lane you choose.
	The starting point to the destination is too close.	Set more distant destinations.
	The present location is about 1,100 miles (1,770 km) away from the destination.	Set the destination to within 1,100 miles (1,770 km) or shorter.
The route is not displayed continuously at waypoints, for example, that are not calculated route from the vehicle's current position.	Suggested routes may be displayed discontinuously near waypoints as route calculation is done at each waypoint.	This condition is not abnormal.
The suggested route the vehicle has traveled is erased.	Suggested routes are stored in memory by the blocks; if the vehicle travels past waypoint block 1, the previous data will be erased.	This condition is not abnormal.

TROUBLESHOOTING GUIDE

ROUTE CALCULATION

Symptom	Possible cause	Remedy
A route with many detoures is suggested.	If there are restrictions (such as one-way traffic) on roads close to the starting point or destination, the system may suggest a detoured route.	Try slightly moving the starting point or destination.
The landmark description does not correspond to the actual one.	This may be caused by insufficient or incorrect data on the DVD-ROM.	Exchange the Map DVD-ROM. The new DVD-ROM will be updated.
The suggested route does not exactly connect to the starting point, waypoints, or destination.	There is no data for route calculation closer to these points.	Set these points on the main road displayed in thick orange. Please note that in some cases even main roads lack the data for route calculation.

14 Index

A

Address book (Editing) 7-6
Address book (Setting) 7-2
Address/Street 5-6
Automatic rerouting 9-2
Avoid areas (Editing) 8-5
Avoid areas (Setting) 8-2

B

Birdview™ display 11-2

C

Clear memory 4-16
Complete route 11-9

D

Destination (Adjusting) 5-31
Destination (Deleting) 5-31
Destination (Setting) 5-2
Detour 9-3
Display (Direction) 11-7
Display (Error) 4-20
Display (Maintenance) 11-16

E

Enlarged intersection display 5-30

G

GPS (Global Positioning System) 2-2
GPS information 11-13

H

Heading 11-7

I

Icon (Changing) 7-7
Icon (Legend) 7-10, 12-4, 12-6
Information on screen (Planview/Birdview™) 11-2
Intersection 5-12

J

Joystick 4-3

L

Liquid crystal display (LCD) 11-16

M

Map DVD-ROM 12-2, 13-6
Map coverage areas 2-4

N

Nearby display icons 6-13

P

Point of Interest (POI) 6-2
Preferences for route calculation 5-29

INDEX

Previous Dest. 5-5

Q

Quick stop 5-34
Quick stop customer settings 5-35

R

Reference symbols 1-2
Route calculation and guidance 5-29
Route guidance 4-18

S

Safe operation 1-2
Safety note 1-2
Scrolling the map 11-8
Setup start-up screen 4-13
Simulation drive 11-11
Storing current vehicle position 7-3

T

Tracking 11-12
Troubleshooting 13-1
Turn list 11-10

U

Updating the current vehicle location and the direction 11-14

V

Voice-activated control system (VACS) 4-21
Voice guidance 10-2
Voice guidance (Notes) 10-4

W

Waypoint (Adjusting) 5-31
Waypoint (Deleting) 5-31
Waypoint (Setting) 5-27
Where am I? 5-37

Z

Zoom in (IN) 11-6
Zoom out (OUT) 11-6

KEY

Address Book key 5-3
Address/Street key 5-6
Adjust Current Location key 11-14
All Clear key 5-34
Area key 8-4, 8-8
Auto Reroute On/Off key 9-2
Avoid Area Setting key 8-2
Avoid the Current Street key 9-3
Avoid Freeway key 8-4, 8-8
Category key 6-4
City key (DEST SETTING) 5-18
Clear Memory key 4-17
Complete route key 11-9
Destination key 5-24
◁ Destination key 5-27
Detour key 9-4
Edit Address Book key 7-4
Edit Route key 9-2
ENTER key 4-12
GPS information key 11-12
Guide Volume key 10-2
Heading key 11-6
Heading Up key 11-6
Intersection key 5-8
Landmark Icon key 7-7
Louder key 10-2
Map key 5-24
Minimize FWY key 5-29
Minimize Toll Road key 5-29
Nearby key 6-11
Nearby Display Icons key 6-13
North Up key 11-7
Pause key 11-12
Point of Interest (POI) key 6-2
Previous Dest. key 5-5
Priorities key 5-28
Quick Stop key 5-34
Quick Stop Customer Settings key 5-36
Rename key 7-7, 8-6
Return All Settings to Default key 4-18
Route Calc. key 5-30
Route Info key 4-11
Route Simulation key 11-11
Save Current Location key 7-3
Set Average Speed for Estimated Journey Time key 4-18
Shortest Distance key 5-29

Shortest Time key 5-29
Softer key 10-2
Store Place key 7-4
Tracking On/Off key 11-12
Turn List key 11-10
Use Ferry Route key 5-29
Use Time Restricted Roads key 5-29
View key 11-5
Voice key 10-4
Waypoint key 5-28
Waypoint key 5-27
Where am I? key 5-37
/ key 11-15

BUTTON

MAP 5-31
DEST 4-8
ZOOM OUT 11-6
ZOOM IN 11-6
Joystick 4-3
ROUTE 4-3
CANCEL 4-3
VOICE 4-3
SETTING 4-3
PREV 4-3
ENTER 4-3
PTT 4-22