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 I35.

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.

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1 INTRODUCTION

How to use this manual 1-2
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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.

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 malfunction 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 sys-**

tem 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 operating the navigation system or using 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.***
- ***In case 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 retailer. 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 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.

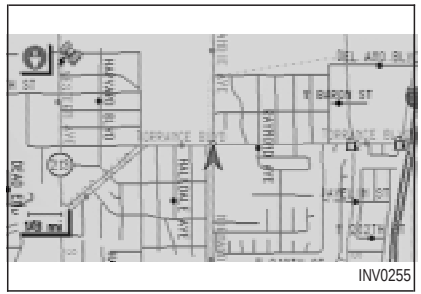
WHAT IS GPS (GLOBAL POSITIONING SYSTEM)?

GPS is a system developed and operated by the U.S. government, covering the entire planet. 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, and this control sometimes results in reduced accuracy or no signal received at all.

ACCURACY OF POSITIONING



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 in the instrument panel inside the vehicle. **Do not place any object, especially mobile phones or transceivers, on the instrument panel**. 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 take carpool lane driving into consideration, especially when carpool lanes are separated from other road lanes.

DETAILED MAP COVERAGE AREAS (MCA) FOR THE NAVIGATION SYSTEM

This system is 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 lovers select metropolitan areas in the United States.

Map data consists of map CD-ROM MCA1 to MCA9. For information about map CD-ROMs, contact an INFINITI retailer.

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

IMPORTANT NOTE:

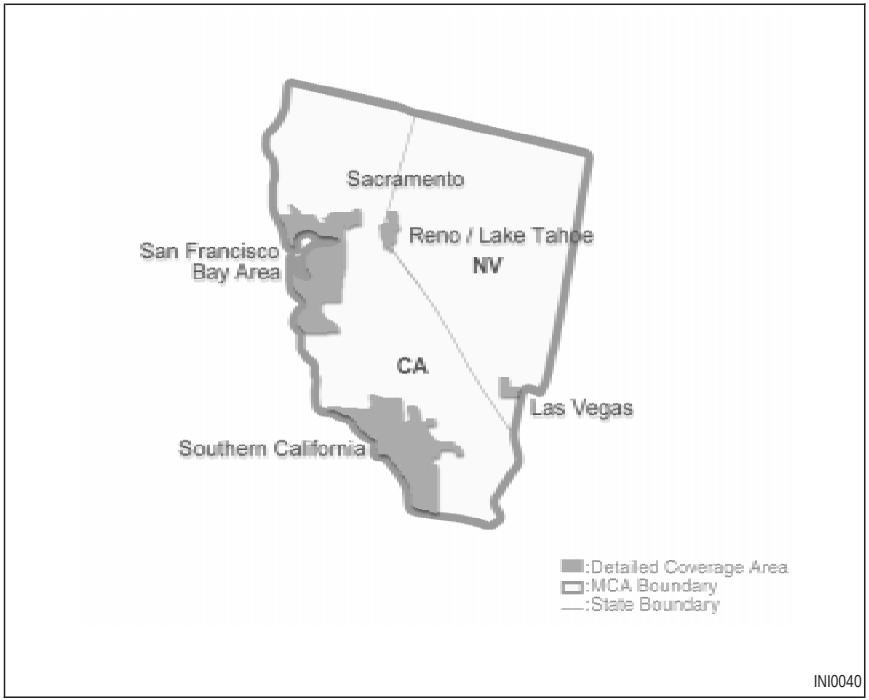
Detailed map data is not available in many areas and is generally limited to select major metropolitan areas.

The route calculation may not be made on the border of the map coverage area and the other areas.

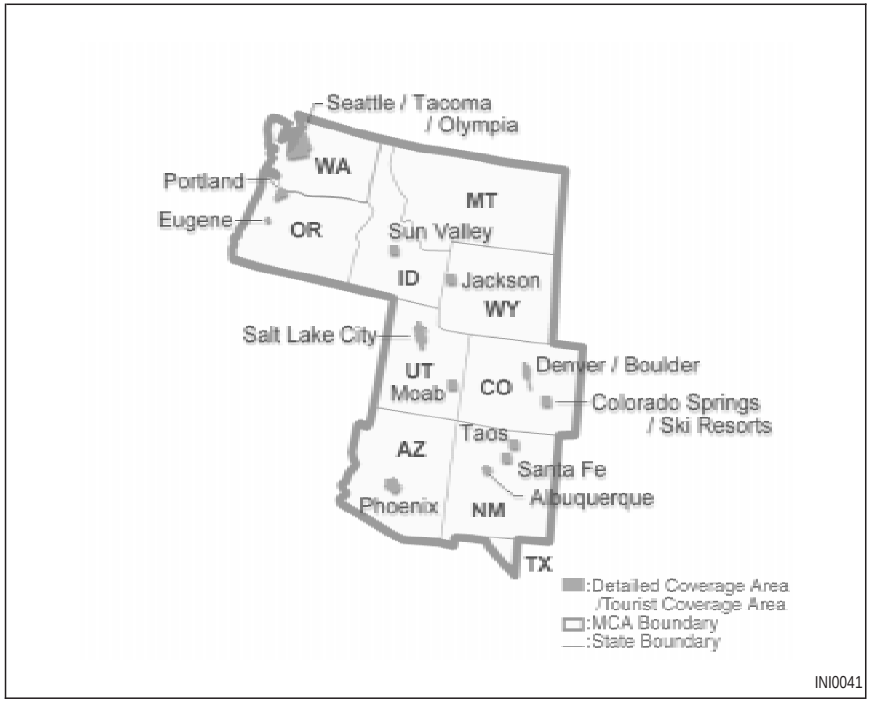
When driving from one map coverage area (MCA) into another: No map information is displayed on the screen when the vehicle is driven past the mapping border into the new area. Only the vehicle position is displayed on the screen. The screen will become gray indicating that you are outside the MCA covered by the mapping CD. Replace the current map CD with the new map CD that contains the information for the new area in which you are driving. Map information will then be displayed on the screen for the new area.

NOTE:

Waypoints and destinations cannot be set for positions outside of a map coverage area. Once the new map CD is installed, you will need to re-program the waypoints and final destination.

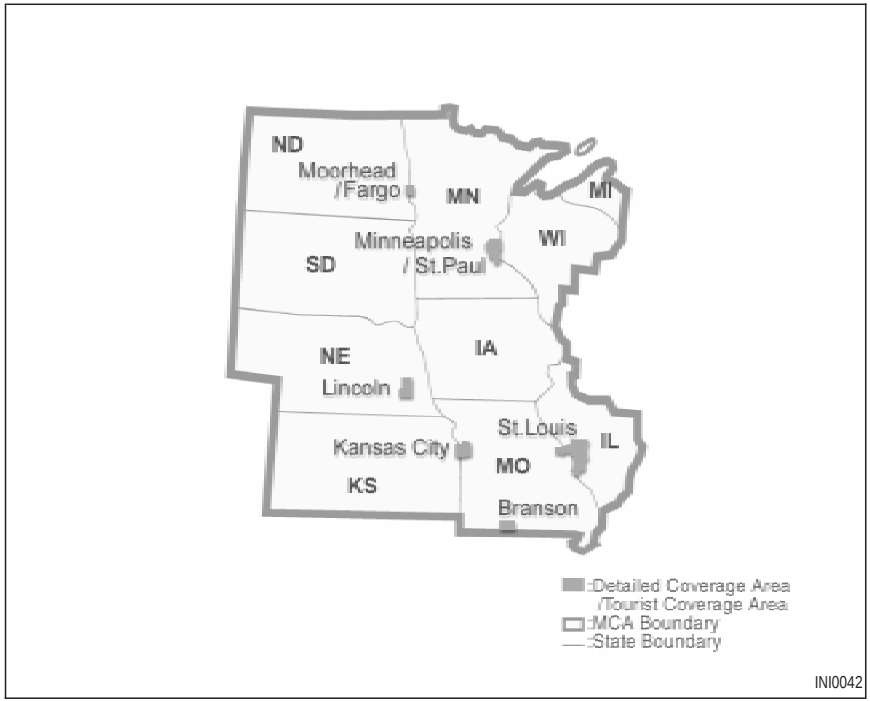


Map Coverage Area (MCA) 1

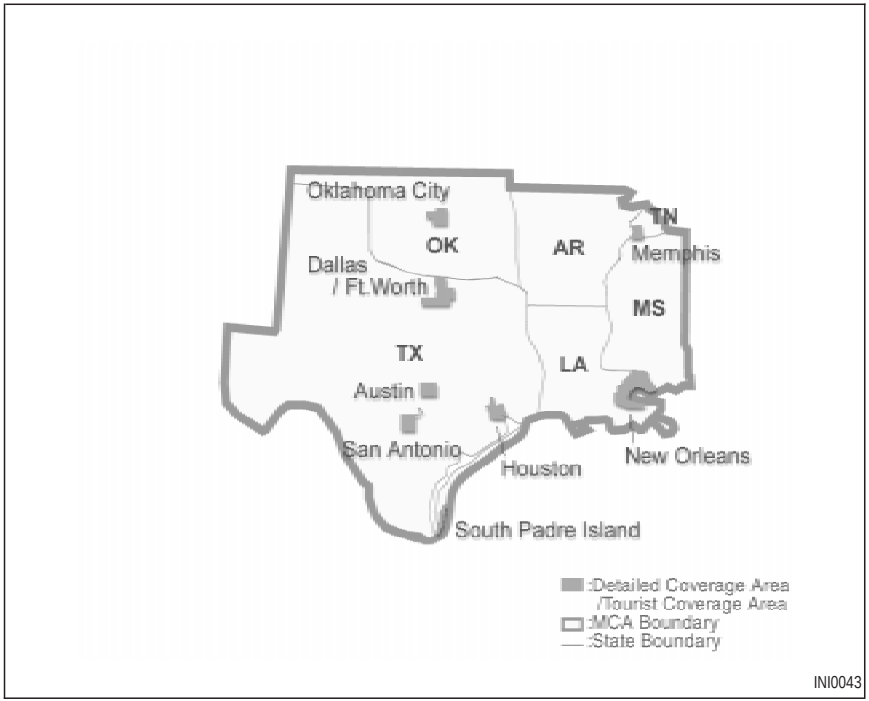


Map Coverage Area (MCA) 2

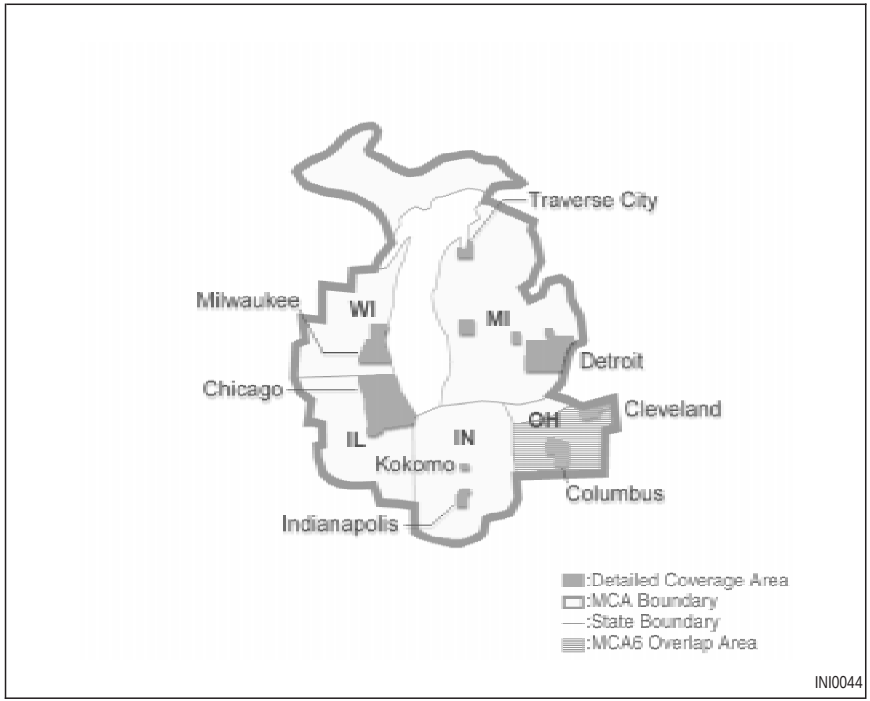
Map Coverage Area (MCA) 3

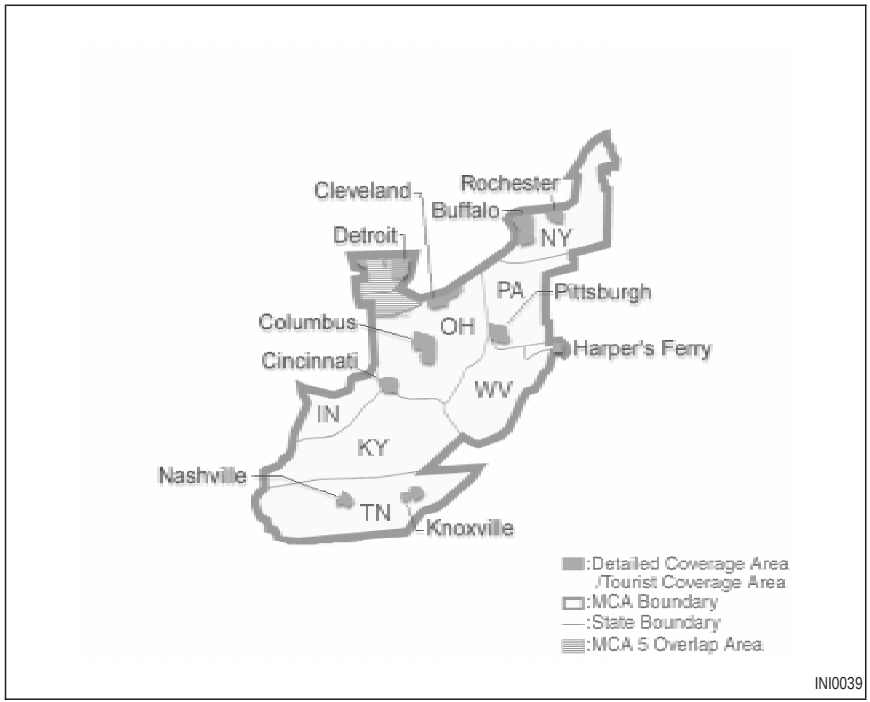


Map Coverage Area (MCA) 4



Map Coverage Area (MCA) 5

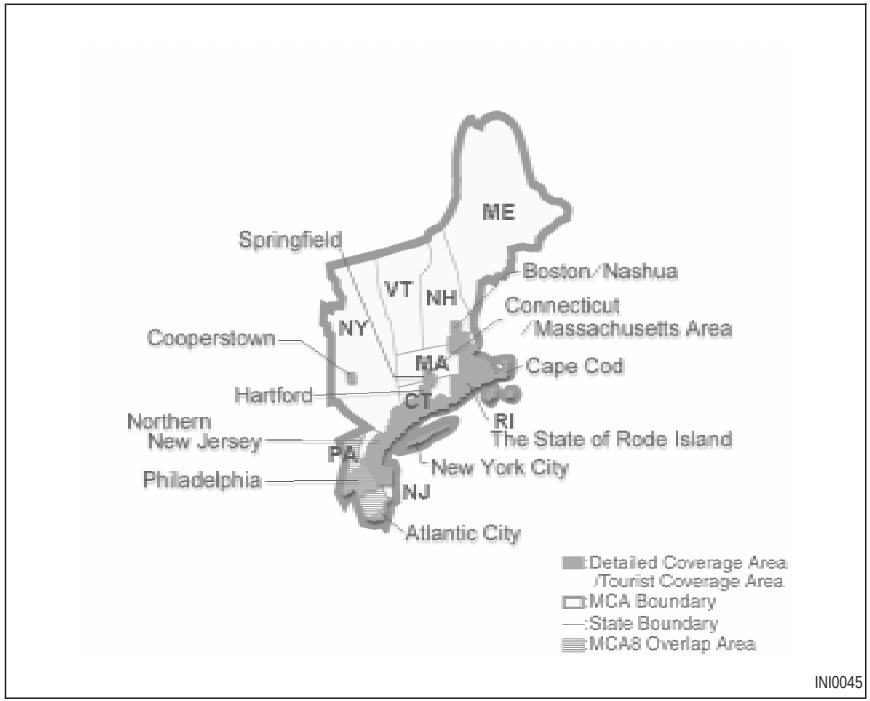




Map Coverage Area (MCA) 6

INFO:

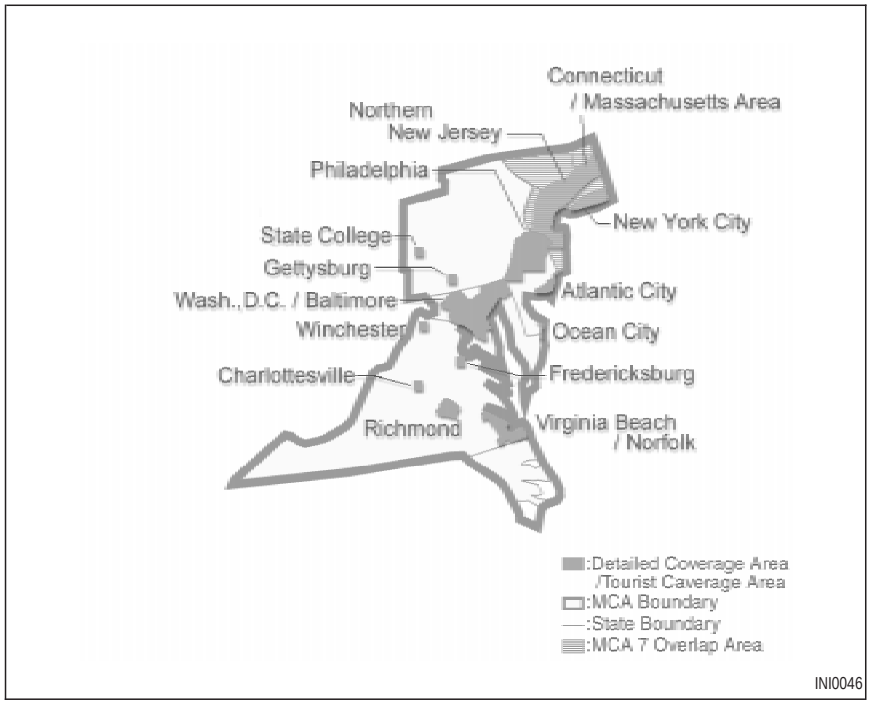
Map data also contains part of the information about the vicinity of Detroit.



Map Coverage Area (MCA) 7

INFO:

Map data also contains part of the information about the vicinity of Philadelphia.

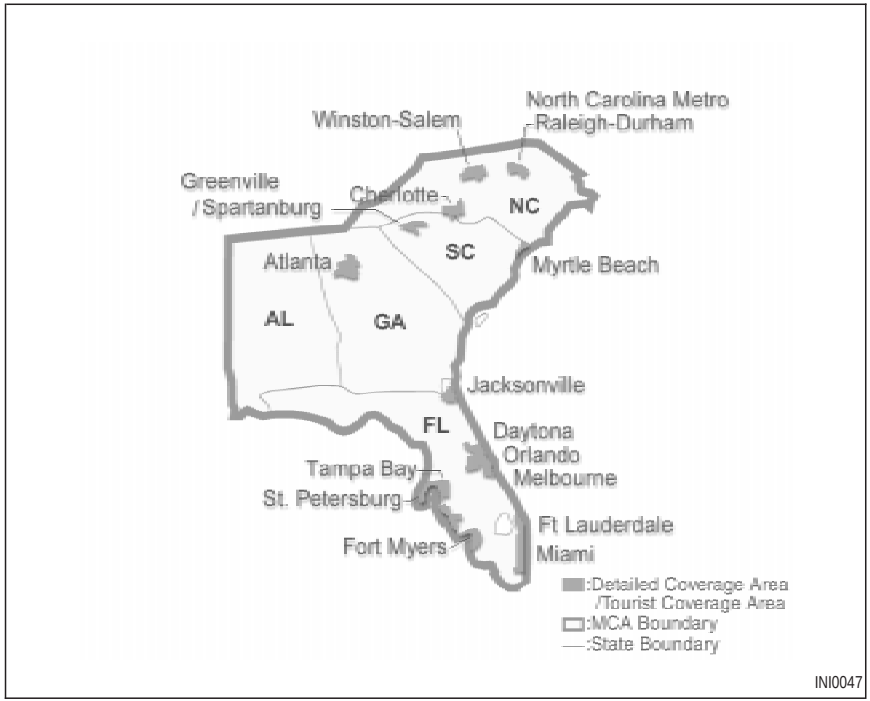


Map Coverage Area (MCA) 8

INFO:

Map data also contains part of the information about the vicinity of New York City.

Map Coverage Area (MCA) 9



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 3-4
Music CD playback function 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 in select detailed map coverage areas. 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 covered by a detailed map, 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 helps the driver determine upcoming turns.

This feature can be especially helpful in finding unfamiliar locations or businesses. The system may be unable to set a destination and/or calculate distance when a destination is outside a detailed map coverage area. Additionally, audio route guidance may not be available if the destination is outside a detailed map coverage area. 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 in detailed map coverage areas. 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 in detailed map coverage areas. 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 plot-

ting 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.

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.

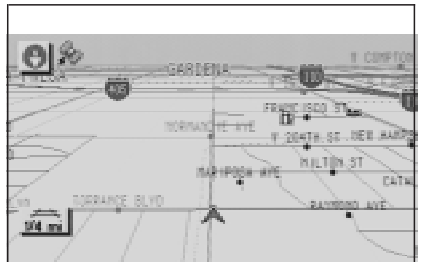
For more information on the Automatic Re-Route feature, please refer to section 9.

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™

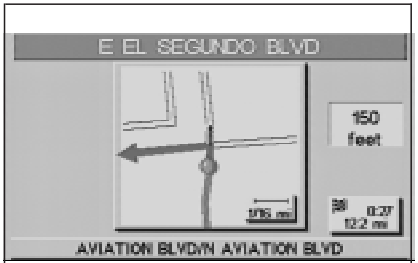


INV0256

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



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.

- Englarged 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.

MUSIC CD PLAYBACK FUNCTION

To playback a music CD, first remove the Mapping CD and store it in a safe place then insert the music CD into the disc insertion slot of the navigation system control panel.

INFO:

- The navigation function will not operate while a music CD is being played.
- When the map CD is reinserted, vehicle location may be temporarily incorrect.

For more information on how to use the Audio System, please refer to section 13.

4 HOW DO I OPERATE THE INFINITI NAVIGATION SYSTEM?

Control panel button functions 4-2
Names of the components (display and control panel are separated.)..... 4-2
How to use the joystick and push enter switch..... 4-3
How to use the PREVIOUS button ... 4-4
How to use the keys that appear on the display..... 4-4
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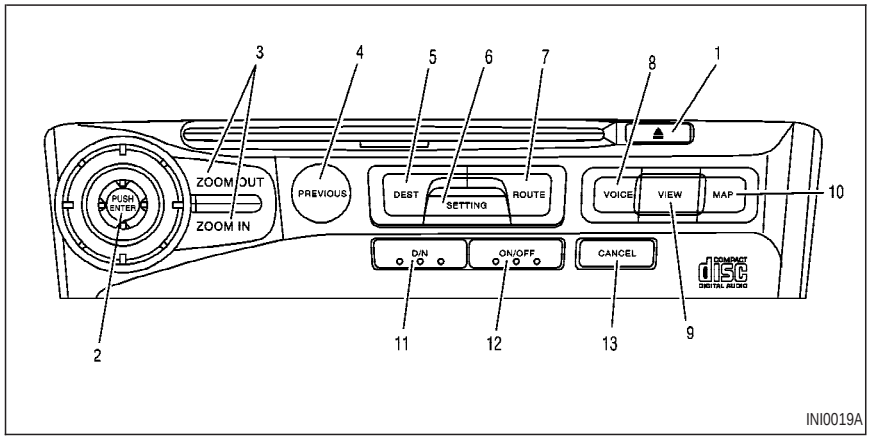
CONTROL PANEL BUTTON FUNCTIONS



NAMES OF THE COMPONENTS (Display and control panel are separated.)

1. ⏏ button

Ejects the mapping software CD-ROM, or music CDs.

2. Joystick and [PUSH ENTER] switch; refer to page 4-3.

Used to change the map display position and to select functions.

3. ZOOM OUT / ZOOM IN button; refer to page 11-5.

Alters the scale of the map display.

4. PREVIOUS button; refer to page 4-4.

Returns to the previous screen.

5. DEST button; refer to page 4-10.

Sets a destination using various methods.

6. SETTING button; refer to page 4-7.

Displays the [SETTINGS] screen of the navigation system.

7. ROUTE button; refer to page 4-8.

Displays the setting menu for route calculation.

8. VOICE button; refer to page 10-2.

Provides updated voice command at the current location.

9. VIEW button; refer to page 11-4.

Changes the map screen between Birdview® and Planview.

10. MAP button; refer to page 5-23.

Toggles between the intersection and the map during route guidance. Returns the setting screen to the map screen.

11. D/N button (Day/Night)

Changes display color brightness of the screen.

12. ON/OFF button

Opens or closes the liquid crystal display and turns the system OFF and ON.

13. CANCEL button; refer to page 9-5.

Cancels the operation and route guidance.

HOW TO USE THE JOYSTICK AND PUSH ENTER SWITCH

The system's basic operation is to select the keys displayed on the screen.

The joystick and the PUSH ENTER switch are used to make selections on the I35 system. No touch screen functions are available with this version.

Selecting and executing a key on the screen

Select a key using the joystick on the screen (the selected key is enclosed by a thick yellow line), and set the selection using the PUSH ENTER switch.

INFO:

The joystick is also used to shift the map.

HOW TO USE THE [PREVIOUS] BUTTON

The [PREVIOUS] button is used for the following operations:

- Return to the previous screen (cancel)
  When this button is pressed before completion of setup, the setup contents will be cancelled, and the previous screen will appear.
- End of setup
  When this button is pressed after completion of setup, the setup contents will be updated, and the map screen will appear.

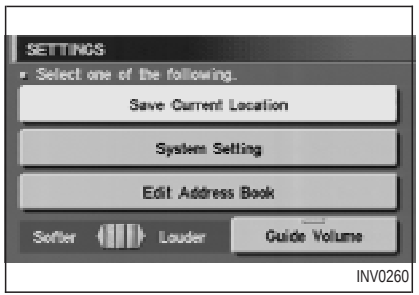
INFO:

This manual specifies the timing (end of setup, etc.) when the [PREVIOUS] button must be pressed in the operation procedures. If the button is pressed at other times, the setup contents will be cancelled, and the previous screen will appear.

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



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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.

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

- Select the [SETTING] button.

[Save Current Location] key:

Stores the current vehicle location in the address book.

Please refer to “Storing current vehicle position” on page 7-2.

System Setting **key:**

Performs various settings of the navigation system.

Edit Address Book **key:**

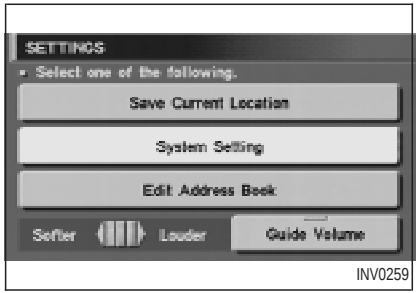
Changes the names and positions of the registered locations.

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

Guide Volume **key:**

Adjusts or turns off volume of the voice guidance.

Please refer to “Adjusting the voice guidance” on page 10-2.



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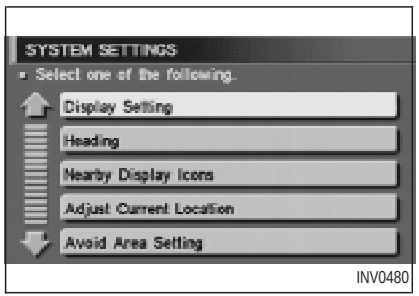
- Select the System Setting key on the [SETTINGS] screen.



INV0480

Display Setting **key:**

Changes the display brightness of the screen.

Please refer to “Altering the display color” on page 11-15.

Adjusts the screen brightness.

Please refer to “Adjusting the display brightness” on page 11-17.

Heading **key:**

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

Please refer to “Changing the display direction” on page 11-6.

Nearby Display Icons **key:**

Displays five types of establishment around the current location.

Please refer to “Setting the nearby display icons” on page 6-10.

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.

Avoid Area Setting **key:**

Defines areas to avoid when calculating a route.

Please refer to “Avoid area” on page 8-2.

Beep on/off **key:**

Turns ON/OFF beep sound which occurs automatically.

Please refer to “Setting automatic beep sound” on page 11-18.

Clear Memory **key:**

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

Please refer to “Clearing the memory” on page 4-13.

Display Auto Open **key:**

This key is used to open/close the display automatically when the power source is turned on/off.

Please refer to “Display auto open setting” on page 4-11.

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 5-26.

Route Priorities **key:**

Sets the conditions for route search.

Please refer to “Making the system guide the route with detailed options” on page 5-17.

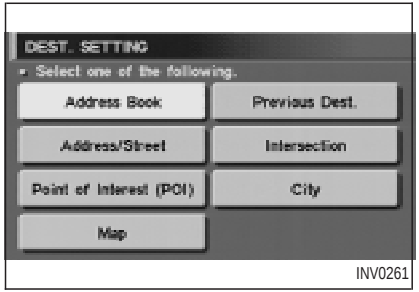
Tracking **key:**

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

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

Keys that appear when the DEST button is pressed

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



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 Adress 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 5-4.

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 5-8.

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

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

Please refer to "Setting with Points of Interest (POI) key" on page 5-11.

City **key:**

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

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 5-14.

Please refer to “Setting with City key” on page 5-11.

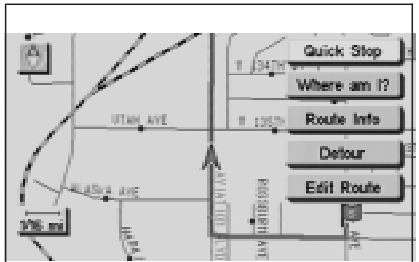
Keys that appear when the ROUTE button is pressed

Sets the function which is convenient for the route guidance to the destination.

When the ROUTE button is pressed with the map indicating the current location displayed, the following keys will appear on the screen.

INFO:

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



Quick Stop **key:**

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

Please refer to “Quick stop” on page 5-26.

Where am I **key:**

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

Please refer to “Where am I” on page 5-29.

Route Info **key:**

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

Complete Route **key:**

Displays all the 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 in all the 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.

Detour **key:**

When the route is congested with traffic, a detour can be calculated using various distances.

Please refer to “Detouring from the route temporarily” on page 9-4.

Edit Route **key:**

Resets the set destination (waypoint).

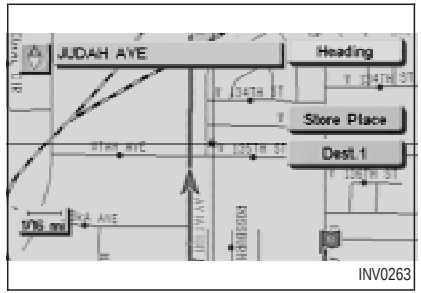
Please refer to “Making the system guide the route with detailed options” on page 5-17.

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.



Heading **key:**

Select this key to alternate the map display between the North up and the current forward direction up.

Please refer to “Changing the display direction” on page 11-6.

Store Place **key:**

You can store a location with the cross pointer.

Please refer to “Storing current vehicle position” on page 7-2.

Dest. **key:**

You can store the position to the 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 stored locations from 1 to 6.) Please refer to “Making the system guide the route with detailed options” on page 5-17.

OPENING/CLOSING THE LIQUID CRYSTAL DISPLAY

When you use this system, make sure the engine is running.

NOTE:

If you use the system with the engine not running (ignition ON or ACC) for a long time, it will use up all the battery power, making it impossible to start the engine.

How to open the Liquid Crystal display

CAUTION

Do not place any objects on the display of the instrument panel. If you drop any objects onto the instrument panel, spill liquid on it, it may result in an abnormality of the system.

1. Press the ON/OFF button.

The instrument panel opens, then the liquid crystal display appears.

How to close the Liquid Crystal display

CAUTION

When opening/closing the liquid crystal display, keep hands away from the instrument panel. It may catch your finger, resulting in personal injury or system malfunction.

1. Press the ON/OFF button.

The liquid crystal display is stored in the instrument panel.

INFO:

When the engine is turned off (the ignition switch is turned to off), the power supply to the system is automatically turned off, and the liquid crystal display is stored in the instrument panel.

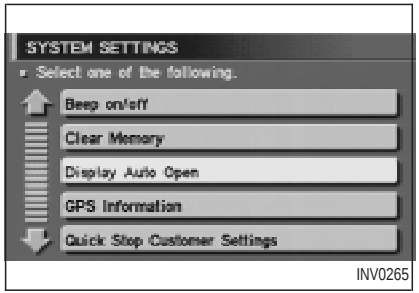
DISPLAY AUTO OPEN SETTING

This function opens the display automatically or manually when the ignition key is turned to ON.

1. Press the SETTING button.

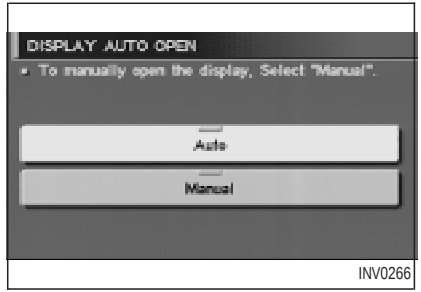
INV0259

2. Select the System Setting key on the [SETTINGS] screen.



INV0265

3. Select the Display Auto Open key.



INV0266

4. Select either the Auto or Manual key.

INFO:

When the Manual key is selected, turn the ignition key to ON, then press the ON/OFF button to open the display.

When the Auto key is selected, if you press the ON/OFF button to close the display and then turn off the ignition switch, the display will not open automatically when you turn on the ignition next time. Press the ON/OFF button to start the system.

HOW TO CHANGE THE DISC

The ignition key must be in the ACC position to insert or remove CDs.

How to eject the disc

Press the ⏏ button on the main body.

The disc will be ejected automatically.

INFO:

When no disc is inserted, [No CD] will appear on the screen.

How to insert the disc

Insert the map CD-ROM into the disc insertion slot.

When the disc is inserted to a certain point, it will be drawn in automatically. You do not have to push it in all the way.

INFO:

General music CDs can also be played in the Navigation System CD slot. However, Navigation System will not operate during this time.

SETTING UP THE START-UP SCREEN

When you turn the ignition key to ACC, the following warning is displayed on the screen: Read the warning and press the joystick.

INFO:

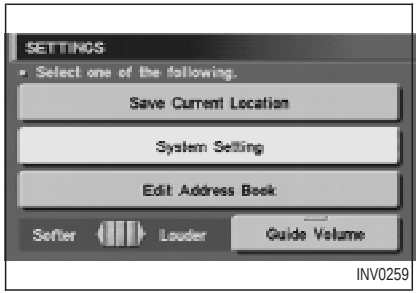
- If you do not press the PUSH ENTER switch, this system will not proceed to the next step display.
- If you do not use the navigation system, press the ON/OFF button for the display.

- 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. When continuing the previous route guidance, select the OK key. To edit or delete, select the Change key.

CLEARING THE MEMORY

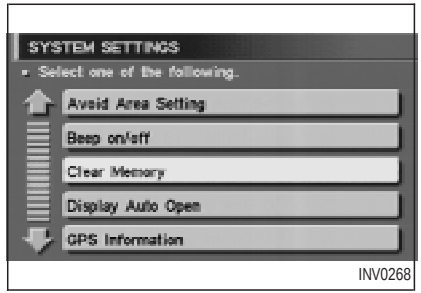
All the stored data (Address Book, Avoid Area, Previous Dest) can be cleared.

1. Press the SETTING button.



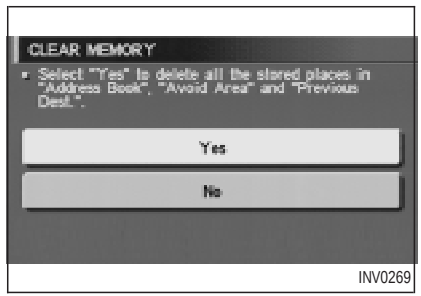
INV0259

2. Select the System Setting key on the [SETTINGS] screen.



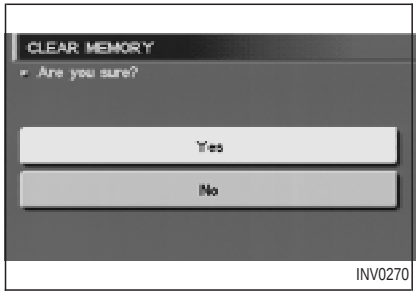
INV0268

3. Select the Clear Memory key.



INV0269

4. Select the Yes key.



INV0270

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

ABOUT ROUTE GUIDANCE

NOTE:

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

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 CD, 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 plural 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, especially when carpool lanes are separated from the other road lanes.

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

— 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 drive on to see if the vehicle icon appears on the main road before requesting route calculation again.

— There are cases that 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 current vehicle 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.

5 HOW DO I PROGRAM A DESTINATION?

Various ways to set the destination (or waypoint) 5-2
- Seven categories 5-2
- Setting with [Address Book] key 5-3
- Setting with [Previous Dest.] key 5-4
- Setting with [Address/Street] key 5-6
- Setting with [Intersection] key 5-8
- Setting with [Point of Interest (POI)] key 5-11
- Setting with [City] key 5-11
- Setting with [Map] key 5-14

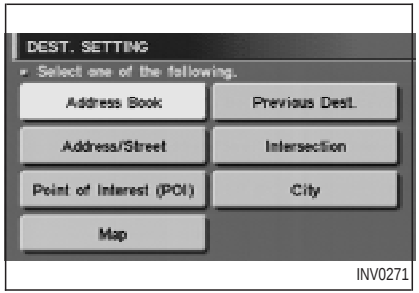
Having the system guide you to the destinations 5-15
- Making the system guide the route with easy operation 5-15
- Making the system guide the route with detailed options 5-17

Adjusting and deleting the pre-set destination (waypoints) 5-23
Quick stop 5-26
Where am I? 5-29

VARIOUS WAYS TO SET THE DESTINATION (OR WAY-POINT)

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.



SEVEN CATEGORIES

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

- Address Book
- Previous Destination
- Address/Street
- Intersection
- Point of Interest (POI)
- City
- Map

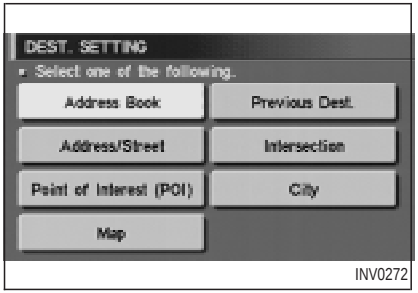
INFO:

- If you set destinations 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.

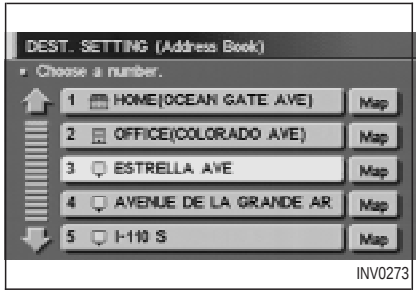
Please refer to “Setting up and editing the address book” on page 7-2.



INV0272

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.



INV0273

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

INV0274

4. To set the destination (waypoint), select route priorities and select OK. Refer to “Making the system guide the route with detailed options” on page 5-17.

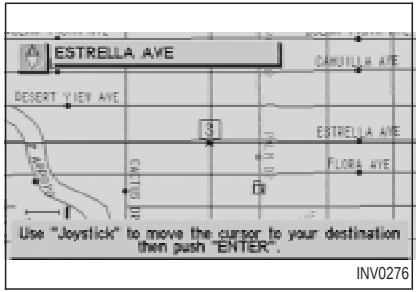
INFO:

Use the joystick or the ▲ or ▼ key to scroll the display.

INV0275

NOTE:

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



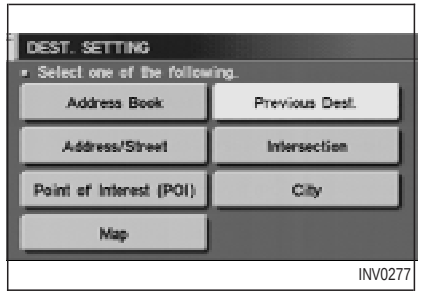
INV0276

- If necessary, operate the joystick to adjust the location of the destination (waypoint). Press the PUSH ENTER switch. 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 5-17.

SETTING WITH [Previous Dest.] KEY

This system memorizes the last 10 destinations previously chosen.

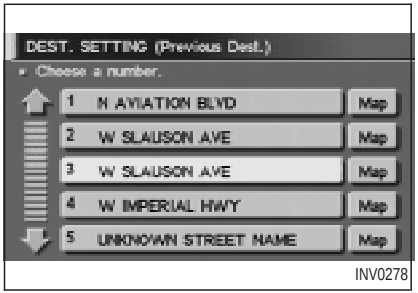
To set new destinations or waypoints from the previous destinations.



INV0277

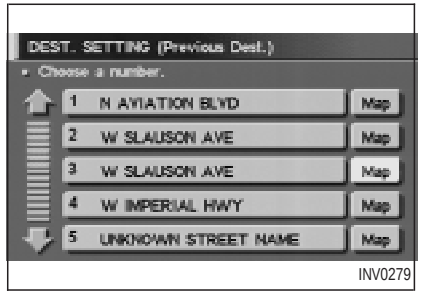
1. Press the [DEST] button.
2. Select the [Previous Dest.] key on the [DEST. SETTING] screen.

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



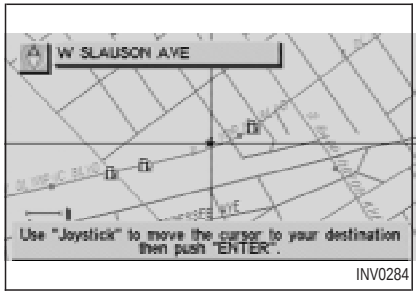
3. Select the item key of your destination (waypoint) on the [DEST. SETTING (Previous Dest.)] screen to display the [DEST. SETTING] screen.

4. To set the destination (waypoint), select route priorities and select OK. Refer to "Making the system guide the route with detailed options" on page 5-17.



NOTE:

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



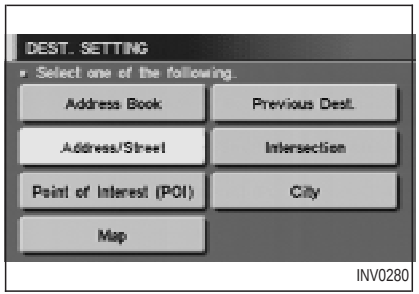
INV0284

6. If necessary, operate the joystick to adjust the location of the destination (waypoint). Press the PUSH ENTER switch. 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 5-17.

SETTING WITH Address/Street *KEY*

Sets the destination (waypoint) 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 a city is defined.



INV0280

1. Press the DEST button.
2. Select the Address/Street key.

NOTE:

The location displayed using the house number is the vicinity of the locations corresponding to the house numbers stored in the data. It may differ from the actual location.

INV0281

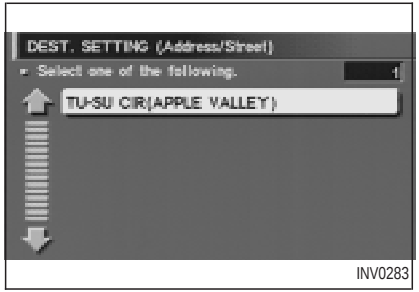
3. A keyboard will be displayed on the [DEST. SETTING (Address/Street)] screen. Enter the street name you want to set.

INFO:

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

INV0282

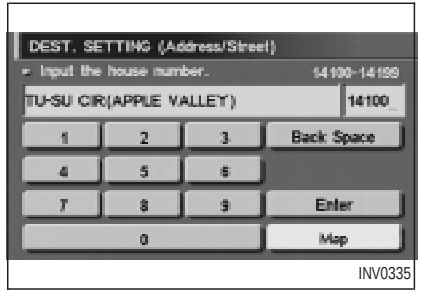
4. Enter the street name of your destination. For example, enter T, then U.
5. Enter U, then select the List key. The list screen of street names which have TU at the top will appear.



INV0283

- 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.
- Press the PREVIOUS button on the screen to display the input screen for street names.

6. Select one street of your destination.



INV0335

7. Enter the house number.

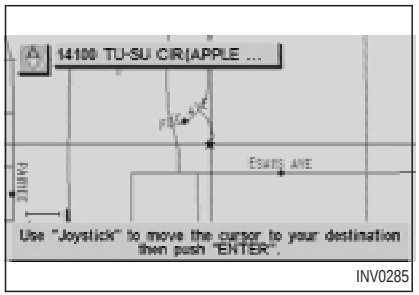
Select the Enter key to display the [DEST. SETTING] screen.

8. To set destination, select route priorities and select OK. Refer to “Making the system guide the route with detailed options” on page 5-17.

NOTE:

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.

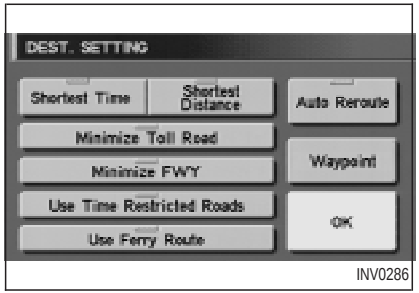


INV0285

- Press the PUSH ENTER switch.
- Select the [Dest.] key.

INFO:

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



INV0286

- The [DEST. SETTING] screen will appear.

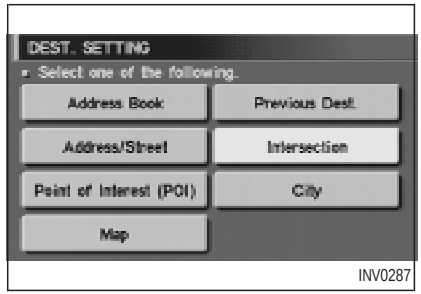
Please refer to “Making the system guide the route with detailed options” on page 5-17.

INFO:

When the city name is known, the street name can be defined quickly using the [City] key.

SETTING WITH [Intersection] *KEY*

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



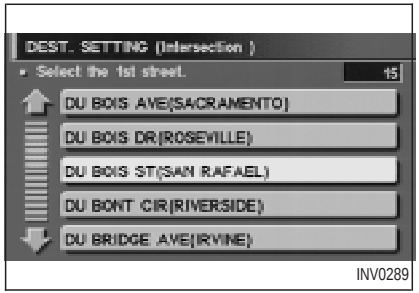
INV0287

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

   A keyboard will be displayed.

INV0288

3. Enter the first street name where the destination (waypoint) is located using the keyboard, then select list.



INV0289

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

INFO:

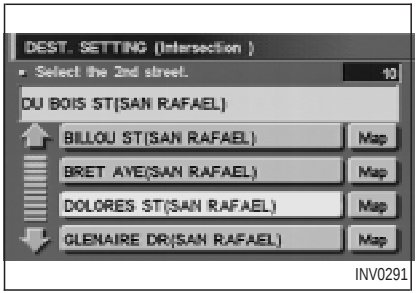
- For a road where lanes with different traffic directions are shown separately, the list shows first street name, second street name, ...
- When entering a street name, enter a minor street name as the first street and the calculation will be easier and quicker.

INV0290

5. Enter the 2nd (intersecting) street name, then select list.

INFO:

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



INV0291

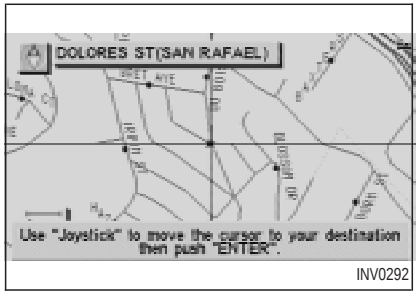
6. Select the name of the second street.

The [DEST. SETTING] screen will appear.

7. To set the destination, select route priorities then select [OK]. Refer to “Making the system guide the route with detailed options” on page 5-17.

INFO:

To adjust the location of the destination, select the [Map] key to display the map on which the intersection is indicated.



INV0292

- Press the PUSH ENTER switch.

INFO:

If necessary, adjust the position using the joystick.

- Select the [Dest.] key.

INV0293

The [DEST. SETTING] screen will appear.

To set the destinate, refer to “Making the system guide the route with detailed options” on page 5-17.

INFO:

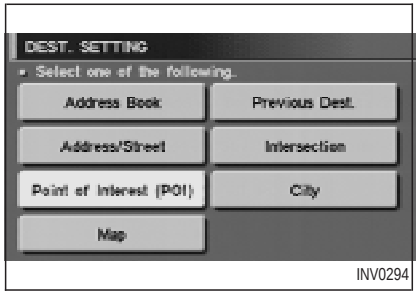
When the city name is known, the street (intersection) name can be defined quickly using the [City] key.

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.**



SETTING WITH [Point of Interest (POI)] *KEY*

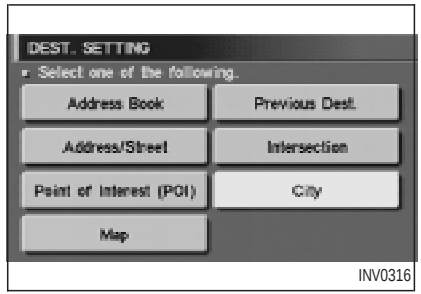
The Infiniti Navigation System includes a database of Point of Interest (POI) locations such as restaurants, hotels, and supermarkets. (ref. page 6-9.)

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 (waypoint) on the map screen of the area in and around the input city.

1. Press the [DEST] button.



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

INV0317

3. Enter the characters of the city name which you wish to set as destinations (waypoints) using the keyboard on the [DEST. SETTING (city)] screen, then select list.

INFO:

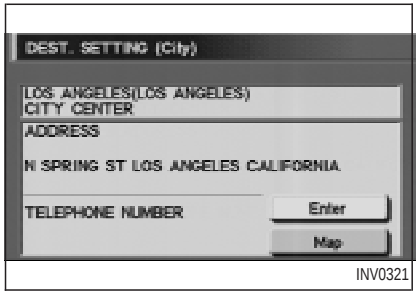
- When the List key is selected, the data of the currently-listed cities will be displayed.
- If less than 5 suggested cities remain, they will be displayed automatically.

INV0320

4. Select the city name of your destination (waypoint) on the [DEST. SETTING (city)] screen will appear the [DEST. SETTING] screen.

INV0274

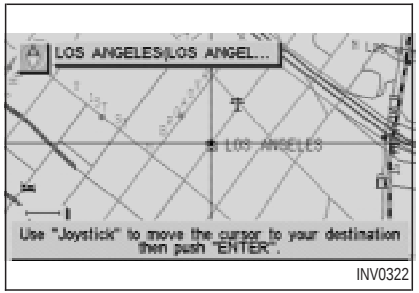
5. To set the destination (waypoint), select route priorities then select OK. Refer to “Making the system guide the route with detailed options” on page 5-17.



INV0321

INFO:

If you select the Info key in step 4, the address and telephone number of the facility will be displayed. If you select Enter key, 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 5-17.



INV0322

NOTE:

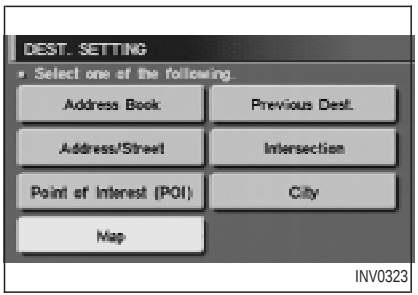
If you select the Map key in step 6, the map screen of the area around the specified destination (waypoint) will be displayed.

If necessary, operate the joystick to adjust the location of the destination (waypoint).
Press the PUSH ENTER switch.
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 5-17.

HOW DO I PROGRAM A DESTINATION?

SETTING WITH Map *KEY*

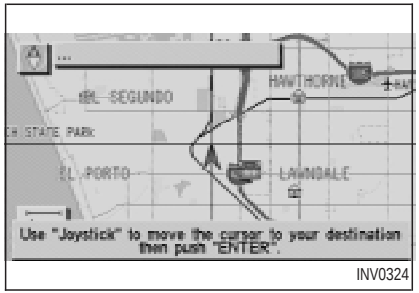
This will enable you to zoom into the map for detail and set the desired location. This works best when you know the location geographically, or want to check the geographical surroundings on the map before setting the destinations.



INV0323

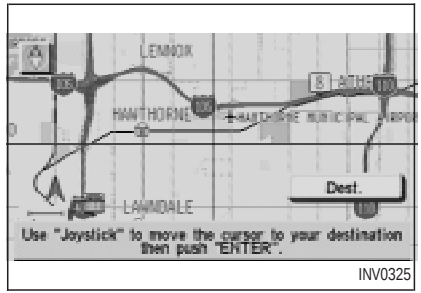
1. Press the DEST button.
2. Select the Map key.

The map of the entire area will be displayed.



INV0324

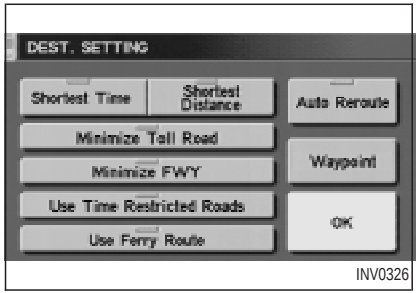
3. Operate the joystick to choose the destination (waponit).



INV0325

4. Adjust the location using the joystick, and press the PUSH ENTER switch.
5. Select the Dest. key.

The [DEST. SETTING] screen will appear.



6. Please refer to “Making the system guide the route with detailed options” on page 5-17.

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.

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.

The following two methods of system setting are available for route guidance from the current location to the destination.

- For simple route guidance, destinations can be selected directly from the map.
- Details can be selected from the menu.

MAKING THE SYSTEM GUIDE THE ROUTE WITH EASY OPERATION

Direct destination setting on the map makes it possible to find routes to destinations easily.

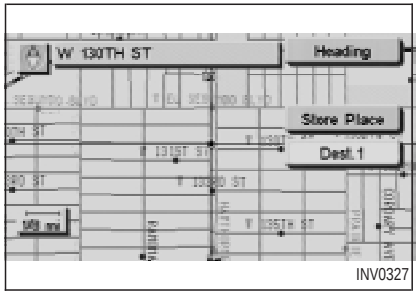
This section explains the method for setting route guidance to a destination by one waypoint setting.

1. Shift the map using the joystick to select the destination.
   Align the waypoint to the cross point on the screen, and press the PUSH ENTER switch.

INFO:

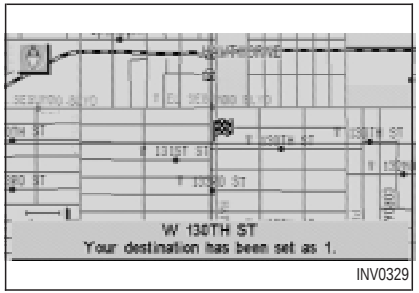
The destination (waypoint) settings with the joystick cannot be performed in Birdview® display.

HOW DO I PROGRAM A DESTINATION?



2. Select the Dest. 1 key.

The street name of the destination will be displayed and will be set as destination 1. The goal mark will be displayed on the map.

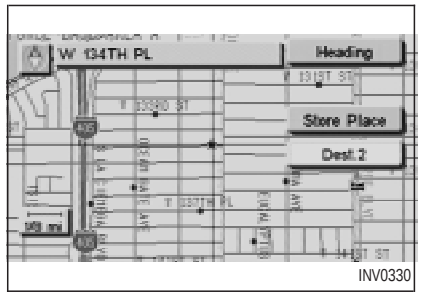


The [DEST. SETTING] screen will appear.

INFO:

- When the OK key is selected, the system will start route calculation.
- When the PREVIOUS button is pressed the [EDIT ROUTE] screen will appear.

3. Press the MAP button.
4. Shift the map using the joystick to select the destination.
   Align the destination to the cross point on the screen, and press the PUSH ENTER switch.



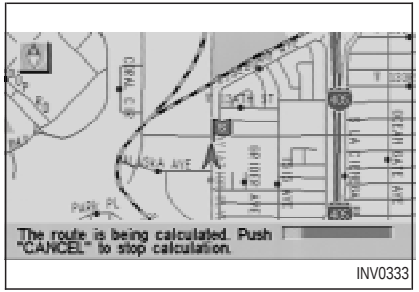
5. Select the Dest. 2 key.

The street name of the destination will be displayed, and will be set as destination 2. The goal mark of destination 1 will change to the waypoint mark, and the goal mark will be displayed at destination 2.

INV0332

6. Select the OK key.

The [Route Calculation] screen will appear.



INV0333

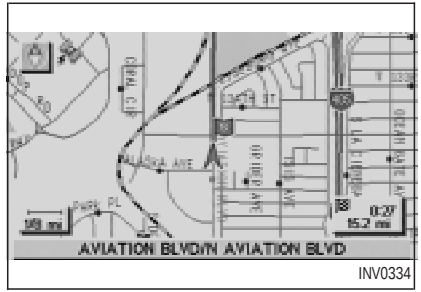
INFO:

To cancel the route calculation on the screen, select the Stop key.

The map screen will reappear.

- The suggested route is indicated with a thick blue line.

When the vehicle travels on the route, the navigation system will start voice guidance.



INV0334

When the vehicle arrives in the neighborhood of the destination, the route guidance will end automatically with voice guidance.

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. For now, choose a location from the map display.

INFO:

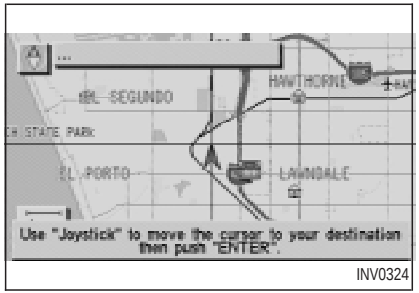
There are other methods to set the destination.

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

- Press the DEST button.

The [DEST. SETTING] screen will be displayed.

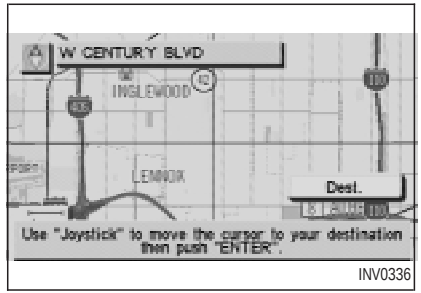
The map centering the current vehicle position will be displayed.



INV0324

3. Choose the destination by scrolling the map with the joystick.

Use the cross pointer to set the destination.



INV0336

4. After setting the destination, press the PUSH ENTER switch to display the Dest. key on the screen.
5. Select the Dest. key.

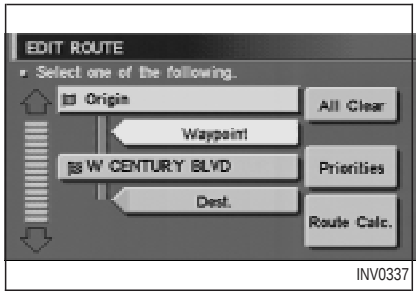
The destination will be set.

6. Set Route Priorities and select OK to calculate the route.

INFO:

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

Setting Waypoints



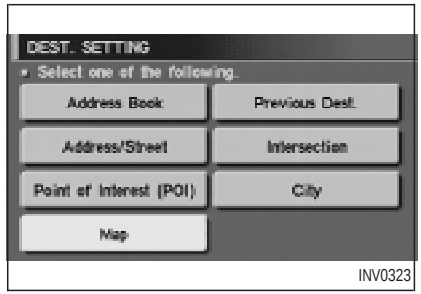
After you set a destination, you can set waypoints. For now, choose a location from the map display.

INFO:

- It is possible to display the [EDIT ROUTE] screen by pressing the [ROUTE] button in the map screen and by selecting the [Edit Route] key.
- The maximum number of destinations and waypoints that can be set is six (6).

Please refer to "Seven categories" on page 5-2.

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



The [DEST SETTING] screen will be displayed.

2. Select a Waypoint/Destination using one of the Destination selection procedures outlined earlier in this chapter.
3. Select the [Dest.] key.

A waypoint will be added and the Dest. setting screen will be displayed.

4. Set route priorities then select OK to calculate the route.

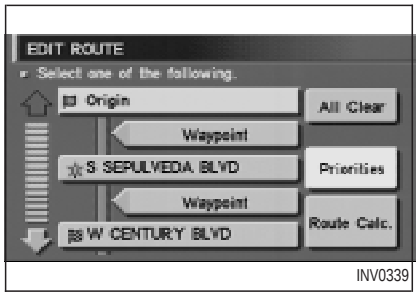
INV0274

INFO:

- When you select the OK key at this point, route calculation will start without any additional waypoints.
- Select the PREVIOUS button to display the [EDIT ROUTE] 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.



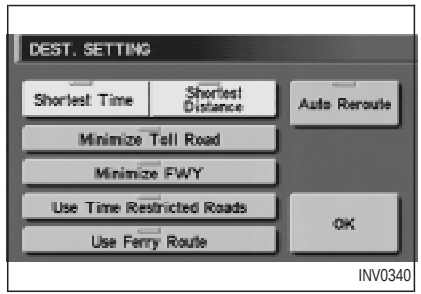
INV0339

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:

It is possible to display the [EDIT ROUTE] screen by pressing the [ROUTE] button in the map screen and by selecting the [Edit Route] key.



INV0340

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

Shortest Time key:

The route to the destination is calculated so that you can reach the destination in the short-

est 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.

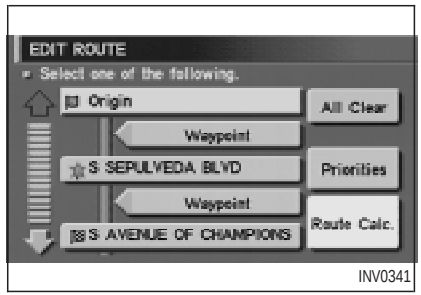
Use Ferry Route **key:**

Select this key if you prefer routes with ferry lines.

Auto Reroute **key:**

Select this key beforehand to set the auto reroute function. The route to return to the suggested route is automatically calculated again from the location when the vehicle is off the suggested route during route guidance.

Route calculation and guidance

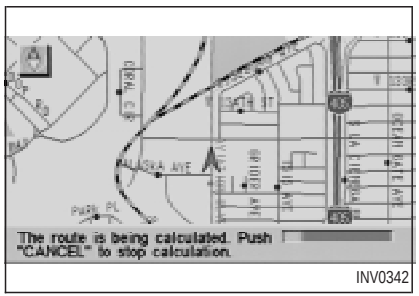


After setting all the items required, you may proceed to route calculation for guidance. After the route calculation is completed, the guidance will start automatically.

INFO:

It is possible to display the [EDIT ROUTE] screen by pressing the ROUTE button in the map screen and by selecting the Edit Route key.

Select the Route calc. key.

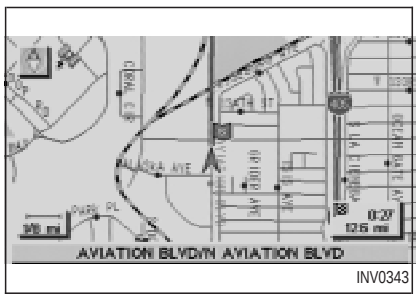


Route calculation screen will be displayed.

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

INFO:

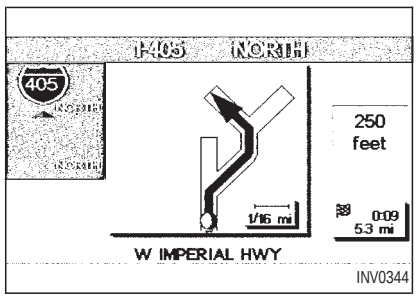
- If you want to cancel the route calculation, press the Cancel button (select the Stop key).
- If you set a place which is not suitable as a destination, the suggested route will not be displayed. In such a case, the OK key will be displayed on the screen. Select the OK key and press the MAP button.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



- In case the 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.
- To cancel the setting of destinations or waypoints, press the ROUTE button then, select the Edit Route key.

Enlarged intersection display

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



INFO:

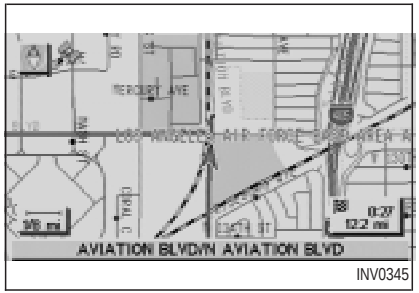
- When no operation is executed with the enlarged map displayed, the map stays displayed.
- If route numbers are included in the map data, route numbers will be displayed on the left side of the screen.

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 (red circle) on the enlarged map may differ from the position on the current display.**

1. Press the MAP button.

The map screen will appear.



INV0345

INFO:

To display the enlarged map, press the MAP button.

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

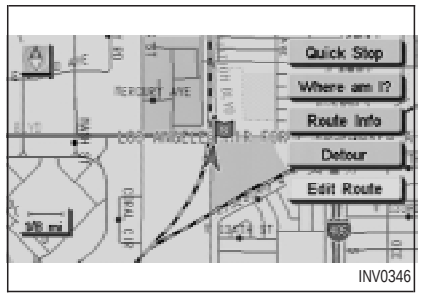
INFO:

- To alternate between the map and the enlarged screen, press the PREVIOUS button.

ADJUSTING AND DELETING THE PRE-SET DESTINATION (WAYPOINTS)

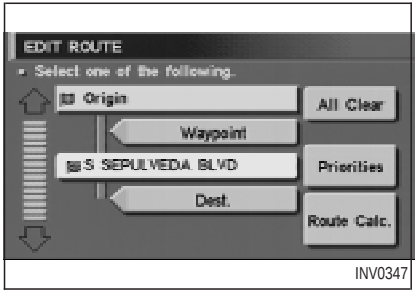
Using the joystick, you can adjust the destination (waypoints).

1. Press the ROUTE button.



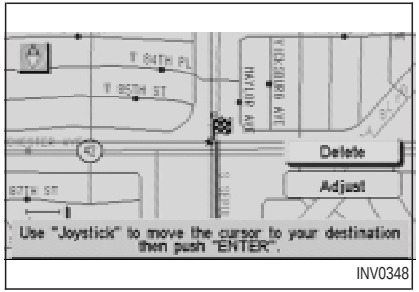
INV0346

2. Select the Edit Route key.



INV0347

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

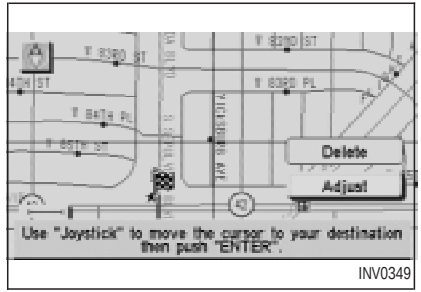


INV0348

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

INFO:

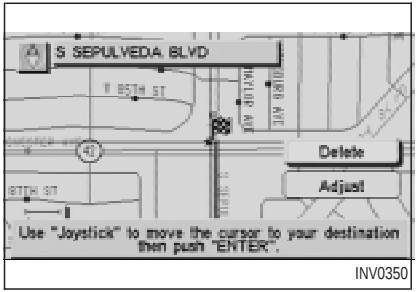
When you move the joystick, the Adjust key will be displayed.



INV0349

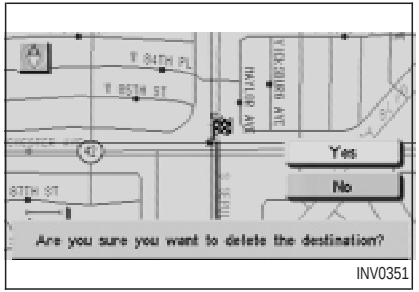
5. Select the Adjust key.

The new destination (waypoints) will be set.



INV0350

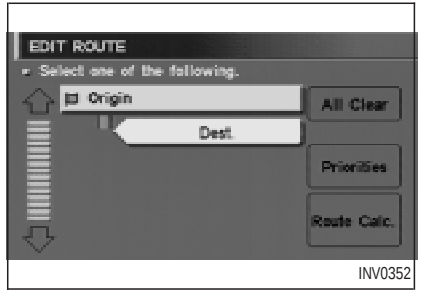
6. To delete the destination (waypoint), choose the destination (waypoint) in step 3 and select the Delete key.



INV0351

7. Select the Yes key.

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



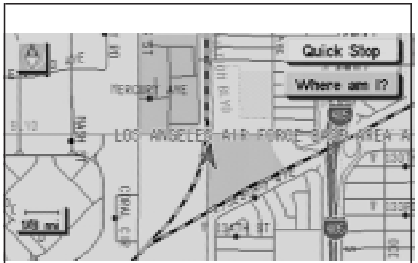
INV0352

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

INFO:

- To set a new destination (waypoints), refer to “Seven 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.

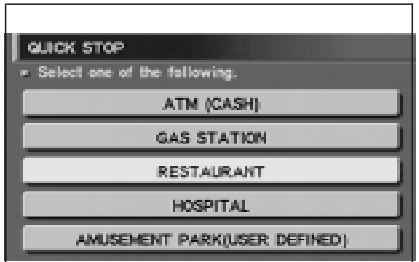


INV0353

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.

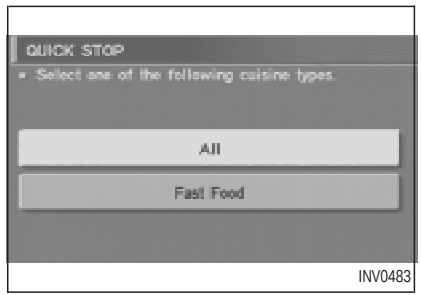


INV0354

2. The display shows the [QUICK STOP] screen.
   Select the category of your choice.

INFO:

Five categories are displayed on the screen. The lowest one can be customized. When you set a facility you frequently visit as a destination (waypoint), it is convenient to use the quick stop function. Please refer to "Quick stop customer setting" on page 5-27.



INV0483

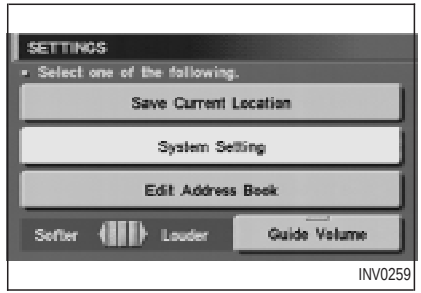
3. The cuisine selection screen is displayed only when the [RESTAURANT] key is selected. Select the [All] key or [Fast Food] key.

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 (waypoint).

5. The display shows the [ROUTE PRIORITIES] screen.
   Set route priorities, then press the OK key. The 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.

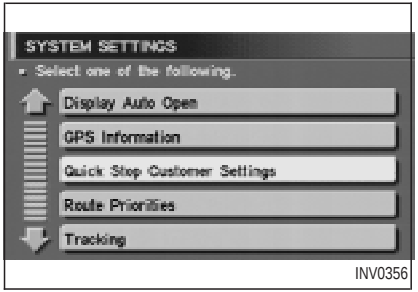


Quick Stop Customer Setting

1. For example, set “RESTAURANT”.

Press the SETTING button.

2. Select the System Setting key on the [SETTINGS] screen.

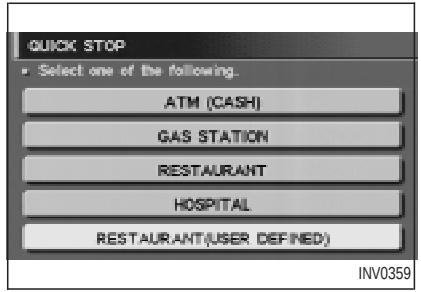


INV0356

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

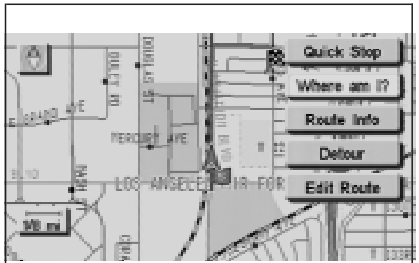
INV0357

4. Select a facility you frequently visit. For example, select the RESTAURANT key. When it is set, the screen returns to the previous screen.
   Press the MAP button to return to the map.

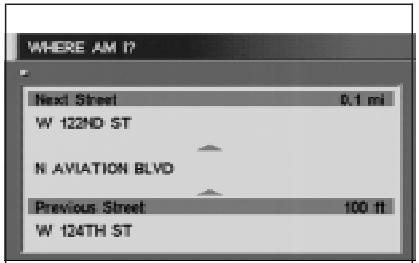


INV0359

5. When the map is displayed, press the ROUTE button. Then, select the Quick Stop key, and press the PUSH ENTER switch. The display shows the selected facility in the last row.



INV0360



INV0361

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.
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 running on, and those past. Press the MAP or PREVIOUS button to return to the map.

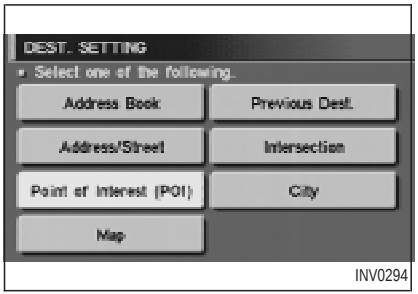
6 HOW DO I USE THE POINT OF INTEREST (POI) FEATURE?

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 [City] key..... 6-6
Setting with the [Nearby] key 6-7
POI categories 6-9

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, and City, explained below.



INV0294

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

INV0295

SETTING WITH THE [List] KEY

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

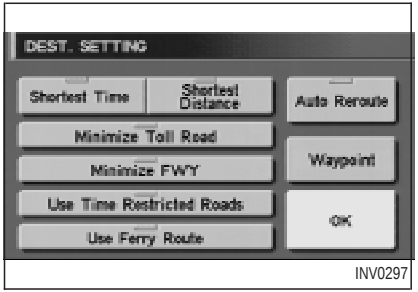
1. Input the facility name for your destination.

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.

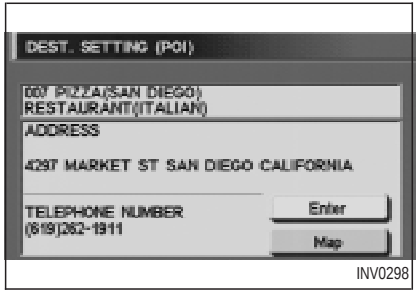
INV0296

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



INV0297

3. When a facility name is selected, the display shows the [DEST. SETTING] screen to set the destination.
   Set priorities, select the OK key. The route calculation then 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 5-17.



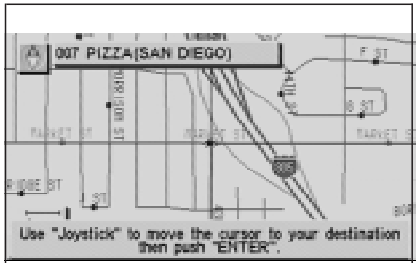
INV0298

INFO:

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

INV0299

- When setting the facility as the destination, select the Enter key. The display shows the [DEST. SETTING] screen to set the destination.
  Set priorities and 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 5-17.



INV0300

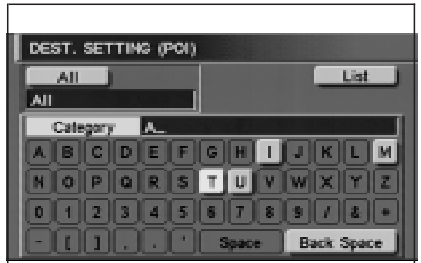
- When the [Map] key is selected in step 4, the display shows the map. When the PUSH ENTER switch is pressed, the display shows the [Dest.] key.

INV0301

SETTING WITH THE [Category] KEY

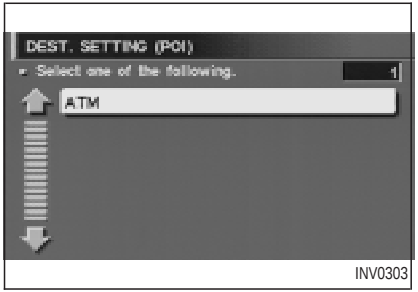
The [Category] key is used when you select a facility category to set the destination.

1. Select the [Point of Interest (POI)] key on the [DEST. SETTING (POI)] screen.
   Select the [Category] key.



INV0302

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



INV0303

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

INFO:

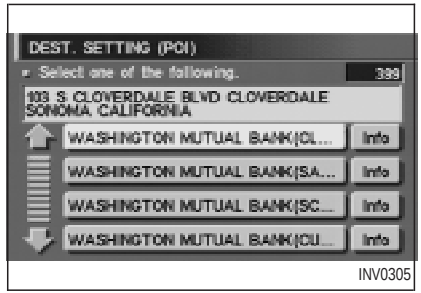
When a [RESTAURANT] key is selected, the screen to input the cuisine type will be displayed.

INV0304

4. The screen returns to the [DEST. SETTING (POI)] screen.
   When the category is set, the display shows the selected category under 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.



INV0305

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.

INV0306

SETTING WITH THE City *KEY*

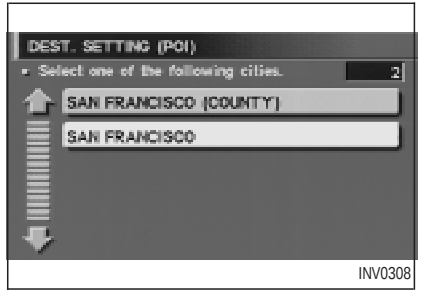
The City key is used to retrieve a facility from the specified city to set the destination.

1. Select the Point of Interest (POI) key on the [DEST. SETTING (POI)] screen. Select the City key.

INV0307

- The display shows the screen to retrieve cities.

3. Input a city name.



INV0308

- The display shows the city list.

4. Select a city of your choice.

INV0309

4. The screen returns to the [DEST. SETTING (POI)] screen.
   When the city is set, the display shows the selected city under 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.

INV0310

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.

INV0311

SETTING WITH THE [Nearby] *KEY*

The [Nearby] key is used to retrieve a facility within 25 miles (40 km) from the current vehicle location.

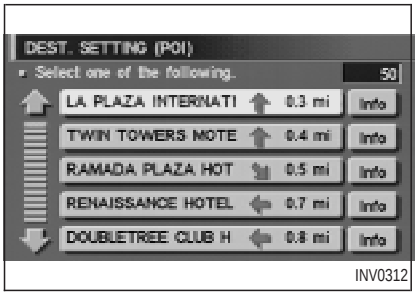
1. Select the [Point of Interest (POI)] key on the [DEST. SETTING (POI)] screen.
2. Set category according to page 6-4.
3. Select the [Nearby] key.

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.



- 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.

POI CATEGORIES

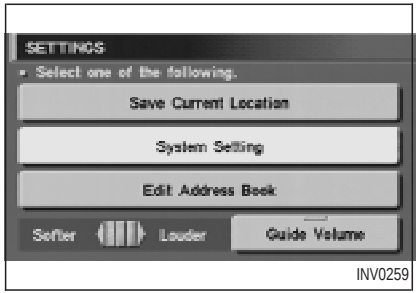
AIRPORT
AMUSEMENT PARK
ATM
AUTO SERVICE & MAINTENANCE
AUTOMOBILE CLUB
BANK
BORDER CROSSING
BOWLING CENTER
BUS STATION
BUSINESS FACILITY
CASINO
CITY CENTER
CITY HALL
COLLEGE AND UNIVERSITY
COMMUNITY CENTER
COMMUTER RAIL STATION
CONVENTION/EXHIBITION CENTER
COURT HOUSE
FERRY TERMINAL
GAS STATION
GOLF COURSE
GROCERY STORE
HISTORICAL MONUMENT
HOSPITAL
HOTEL
ICE SKATING RINK
INFINITI DEALERSHIP
LIBRARY
MARINA
MOVIE THEATER
MUNICIPAL AIRPORT
MUSEUM
NIGHTLIFE
NISSAN DEALERSHIP
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

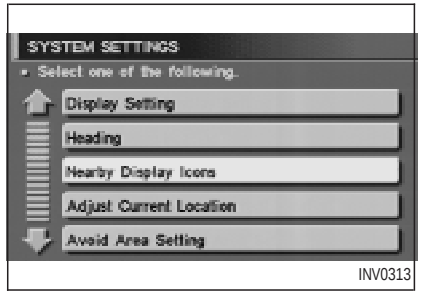
Five types of facilities can be displayed on the map using respective icons including:

– ATM
– Gas Station
– Hotel
– Restaurant
– Rest Area

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

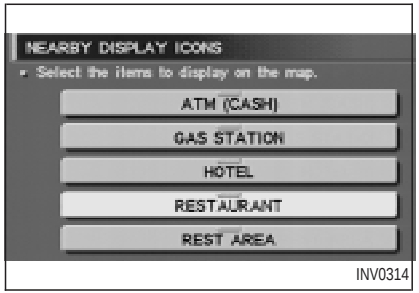


3. Select the System Setting key on the [SETTINGS] screen.



4. Select the Nearby Display Icons key on the [SYSTEM SETTINGS] screen.

The [NEARBY DISPLAY ICONS] screen will be displayed.



INV0314

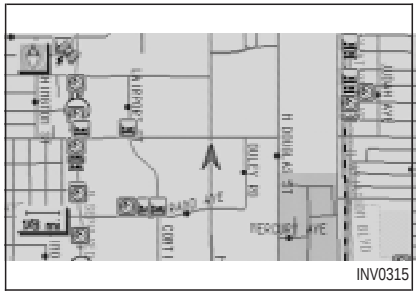
5. Select the facility you wish to display, and press the PUSH ENTER switch.

INFO:

Every time the PUSH ENTER switch 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.


INV0315

- The icons of the selected facilities will be displayed.

INFO:

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

When the PREVIOUS button is pressed, the previous screen will re-appear.

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
Confirming the stored locations 7-4
Editing the address book 7-5
Adjusting the stored address book entries 7-10
Deleting stored locations 7-11

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

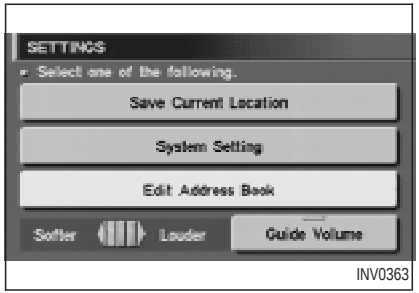
You can store your favorite places or the places you frequently visit. By storing them, you can call them quickly on the display, enabling easier setting of these destinations.

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), Map, Intersection, City and Previous dest.

1. Press the SETTING button.

Select the Setting key on the screen.

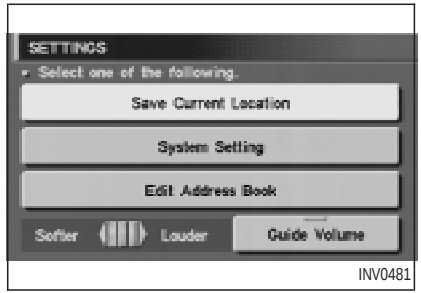


INV0363

2. Select the Edit Address Book key.

Storing current vehicle position

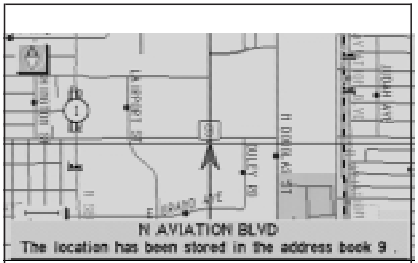
1. Press the SETTING button.



INV0481

2. Select the Save Current Location key.

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

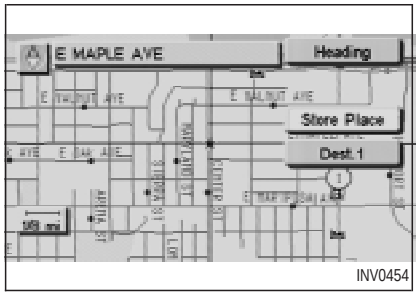


INV0362

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 with the largest stored 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 smallest and unused number will be assigned to the newly set location.

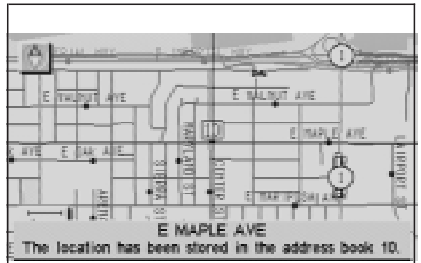
Storing locations of your choice



INV0454

You can use the joystick to store desired locations.

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

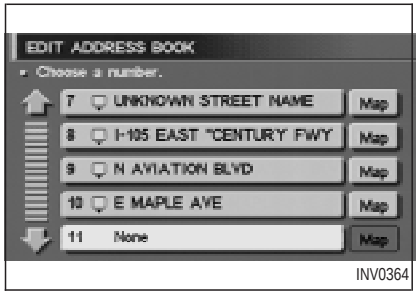


INV0455

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

INFO:

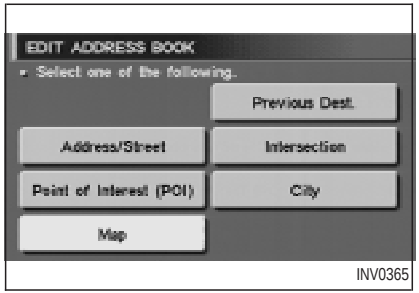
Press the [MAP] button or [PREVIOUS] button to go back to get the current vehicle display.



INV0364

The [EDIT ADDRESS BOOK] screen will be displayed.

3. Choose the storing number from the unused number list.



INV0365

4. Store location.

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

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

INFO:

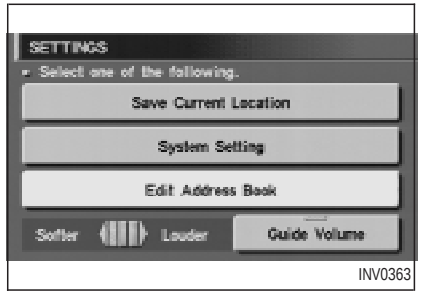
- Press the [MAP] button to go back to get the current vehicle display.
- The maximum number of the stored locations is 50, including your home and office.
- If you want to store places close to POI, it is quicker to use the [Points of Interest (POI)] key.

CONFIRMING THE STORED LOCATIONS

To confirm that locations have been stored:

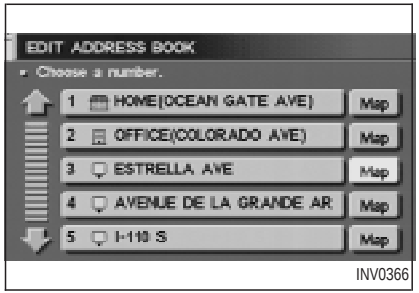
1. Press the [SETTING] button.

Select the [Setting] key on the screen.

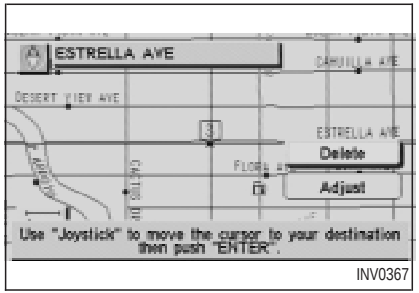


INV0363

2. Select the [Edit Address Book] key.



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

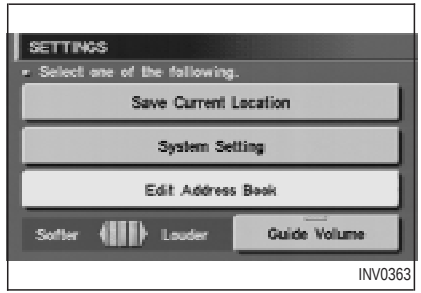


The stored location will be displayed on the map.

INFO:

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

EDITING THE ADDRESS BOOK



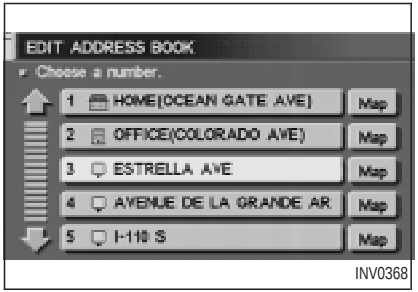
You can alter the names or the icons of the stored locations.

Changing stored locations

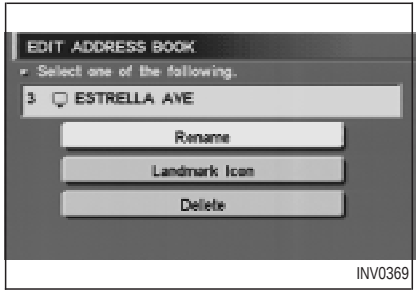
1. You can alter the names of the stored locations.

   Press the SETTING button.

2. Select the Edit Address Book key.

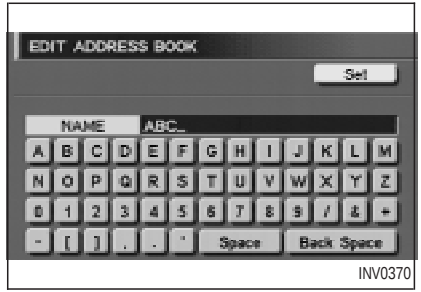


3. Choose the stored location you want to change the name of.



4. Select the Rename key.

The change name screen will be displayed.



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

INFO:

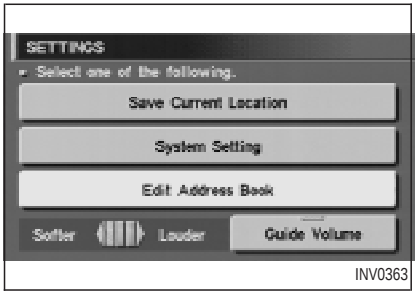
To go back to the map display, press the MAP button.

Changing the icons

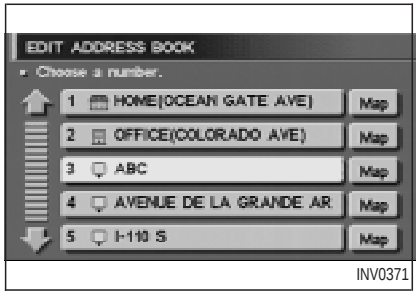
1. You can display the icon at a stored location.

   Press the SETTING button.

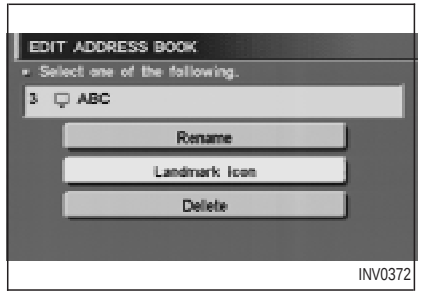
The [SETTINGS] screen will be displayed.



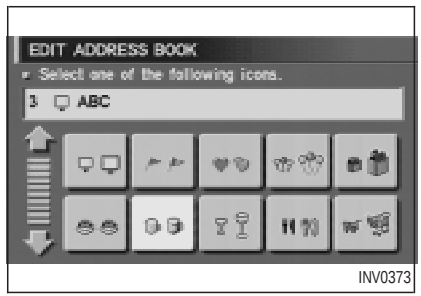
2. Select the Edit Address Book key.



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



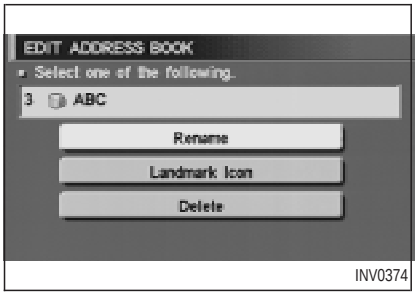
4. Select the Landmark Icon key.



5. Choose an icon.

The left one on the key is a planview icon and the right one on the key 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 PREVIOUS button, the screen will go back to the one in procedure 5.
- If you alter the icon of the stored location, the icon on the map will also change.

Legend of icons which can be set for the stored locations

INV1755

ADJUSTING THE STORED ADDRESS BOOK ENTRIES

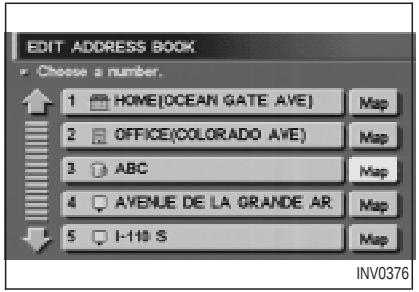
You can easily adjust the point of the stored location by using the joystick.

1. Press the SETTING button.

The [SETTINGS] screen will be displayed.

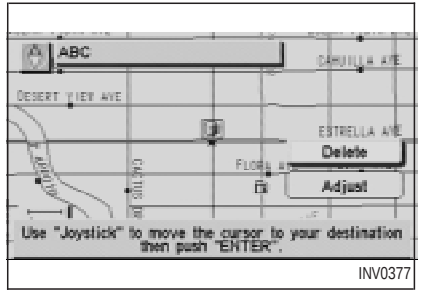
INV0363

2. Select the Edit Address Book key.



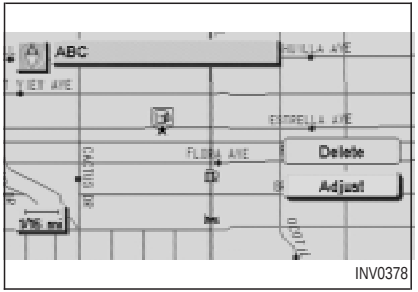
INV0376

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



INV0377

4. Use the joystick to set the new location.



5. Press the PUSH ENTER switch (Select the Adjust key).

The location is updated, and the screen goes back to the one in step 5 after the update message is shown.

INFO:

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

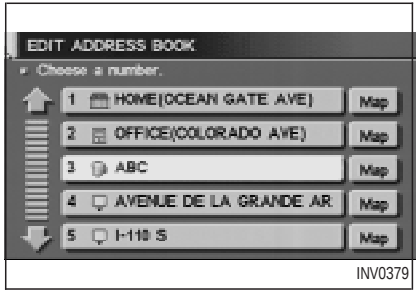
DELETING STORED LOCATIONS

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

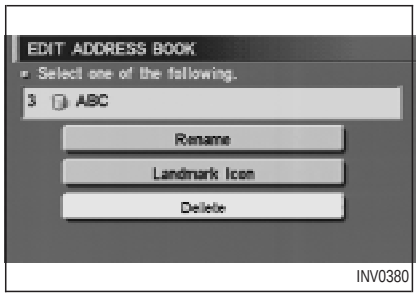
1. Press the SETTING button.

The [SETTINGS] screen will be displayed.

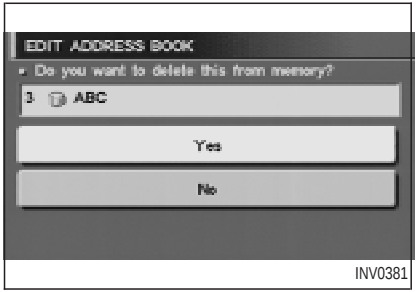
2. Select the Edit Address Book key.



3. Select the location you want to delete.



4. Select the Delete key.



5. The system will ask for a confirmation. If correct, select the Yes key. The location will be deleted, and the screen goes back to the one in step 3 after the deletion message is shown.

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?

Avoid area..... 8-2
Setting avoid areas 8-2
Altering and deleting the avoid areas 8-5

HOW DO I USE THE AVOID AREA FEATURE?

AVOID AREA

SETTING AVOID AREAS

Setting avoid areas will give you a route around certain areas.

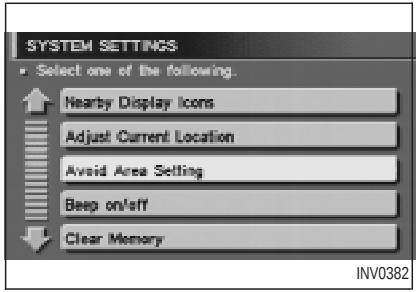
INFO:

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

1. Press the SETTING button.

INV0259

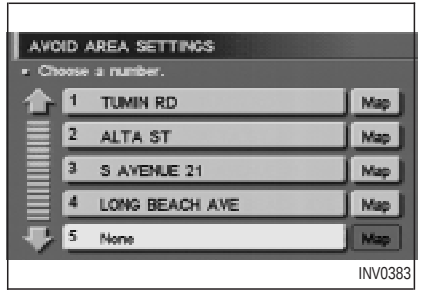
2. Select the System Setting key.



INV0382

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

Select the Avoid Area Setting key.



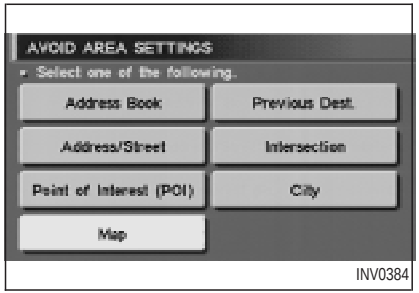
INV0383

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

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

INFO:

It is possible to set up to 10 areas.



INV0384

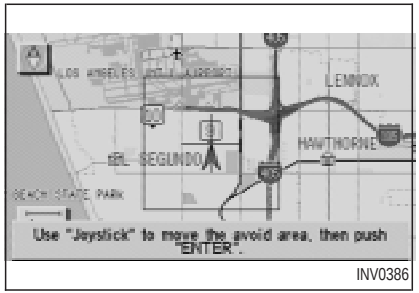
5. The display shows categories which can be used to set an avoid area.

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

Select the Map key.

INFO:

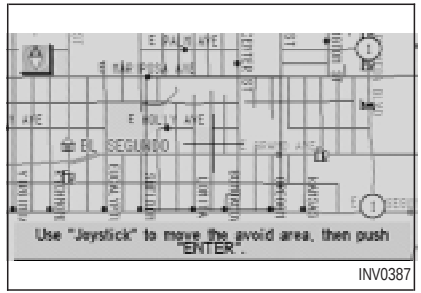
For setting with other categories, please refer to “Seven categories” on page 5-2.



INV0386

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.



INV0387

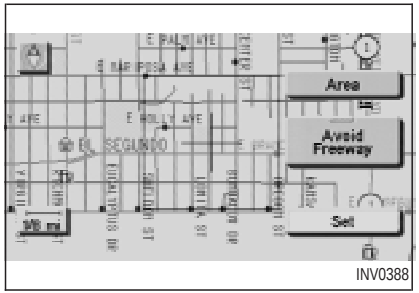
7. Use the joystick to adjust the location.

Then press the PUSH ENTER switch.

INFO:

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

HOW DO I USE THE AVOID AREA FEATURE?



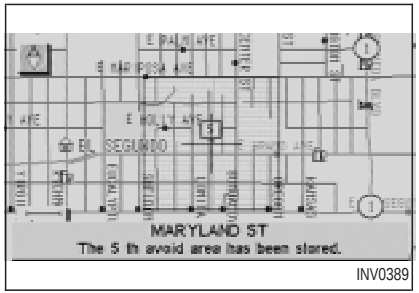
INV0388

Select the Set key.

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

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, then press the PUSH ENTER switch. The area size is altered by three scales.



INV0389

- 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 [DEST. SETTING] screen.

INV0390

- Please refer to “Making the system guide the route with detailed options” on page 5-17.

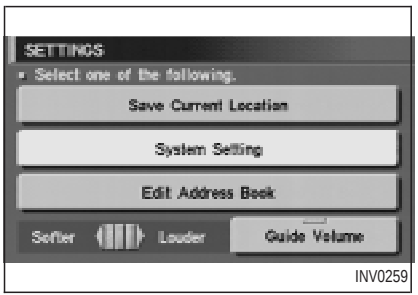
If the route guidance is not set, the display shows the current vehicle location.

ALTERING AND DELETING THE AVOID AREAS

Setting with the selected location key

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

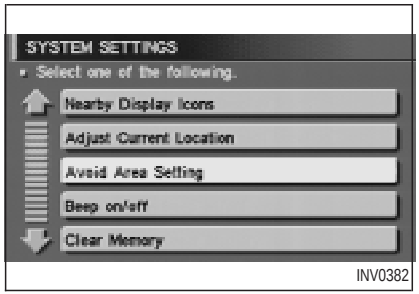
1. Press the [SETTING] button.
2. Select the System [Setting] key.



INV0259

Renaming the avoid areas

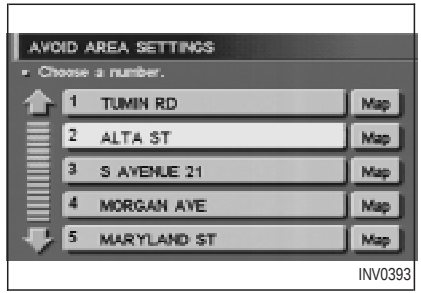
3. Select the [System Setting] key.



INV0382

4. The display shows the [SYSTEM SETTINGS] screen.

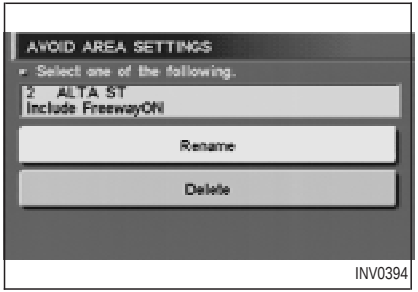
Select the [Avoid Area Setting] key.



INV0393

5. The display shows the [AVOID AREA SETTING] screen.

Select a key which is set as an avoid area.



INV0394

6. Select the Rename key.

INV0395

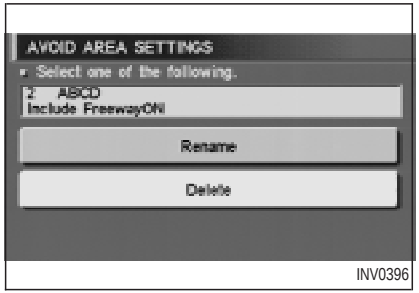
7. The display shows the keyboard.

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:

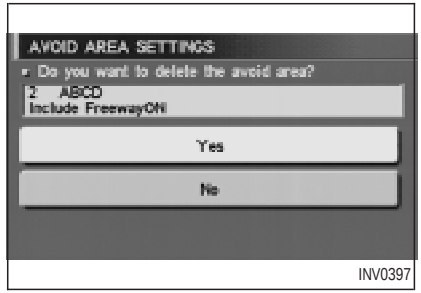
When the Back Space key is selected, the cursor moves back to the previous letter. When the Space key is selected, the cursor proceeds to make one space.



INV0396

Deleting the avoid areas

1. Select the Delete key on the screen in step 6 under “Re-naming the avoid areas”.



INV0397

2. Select the Yes key.

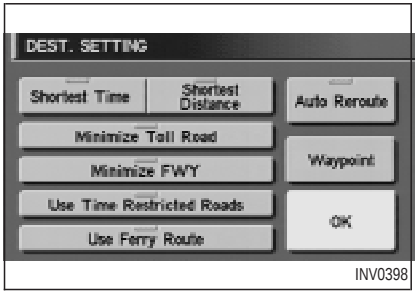
The avoid area is deleted.

If the route guidance is set, the display shows the [DEST. SETTING] screen.

INFO:

When the No key is selected, the avoid area

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



Please refer to “Making the system guide the route with detailed options” on page 5-17.

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

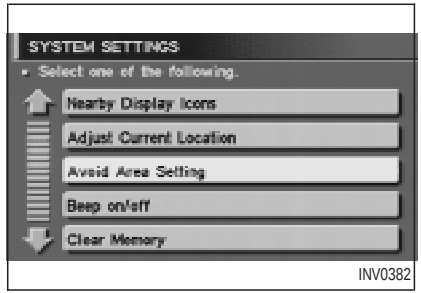
Setting with Map *key*

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

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

Adjusting the stored avoid areas

3. Select the System Setting key.



4. The display shows the [SYSTEM SETTINGS] screen.

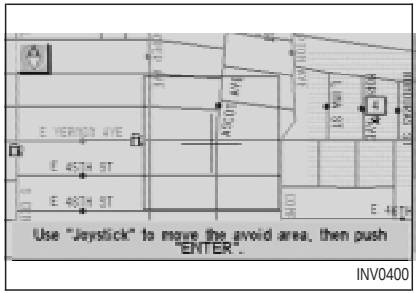
Select the Avoid Area Setting key.

HOW DO I USE THE AVOID AREA FEATURE?

INV0399

5. The display shows the [AVOID AREA SETTING] screen.

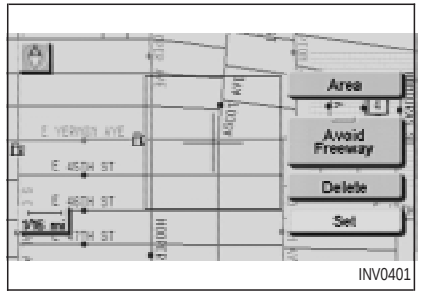
Select the Map key of stored avoid areas.



INV0400

6. Use the joystick to adjust the location.

Then press the PUSH ENTER switch.



INV0401

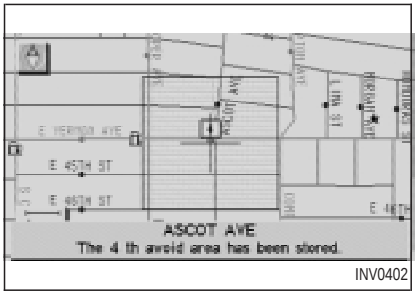
7. The display shows the keys on the right of the screen.

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, then press the PUSH

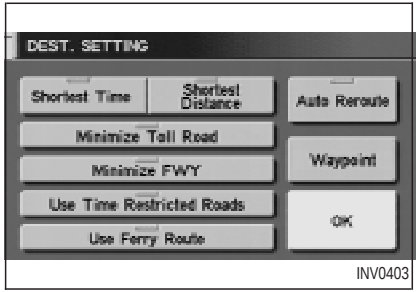
ENTER switch. The area size is altered by three scales.



INV0402

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

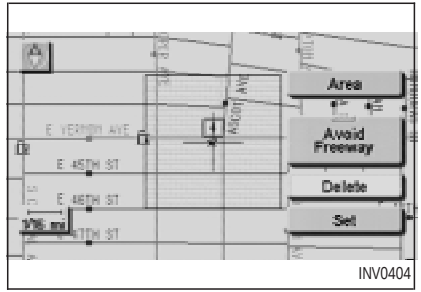
If the route guidance is set, the display shows the [DEST. SETTING] screen.



INV0403

9. Please refer to “Making the system guide the route with detailed options” on page 5-17.

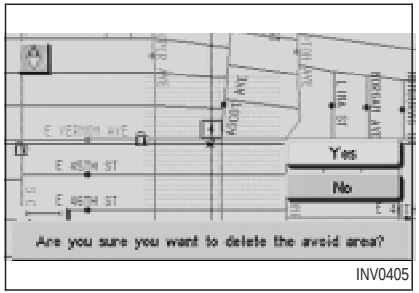
If the route guidance is not set, the display shows the current vehicle location.



INV0404

Deleting the stored avoid areas

1. Select the Delete key on the screen in step 7 under “Adjusting the stored avoid areas”.



INV0405

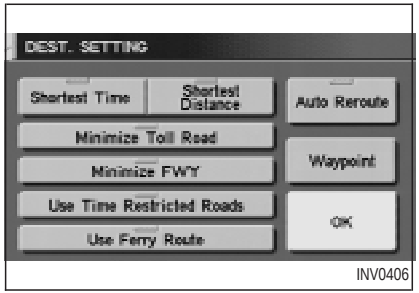
2. Select the Yes key.

The avoid area is deleted.

If the route guidance is set, the display shows the [DEST. SETTING] screen.

INFO:

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



INV0406

3. Please refer to “Making the system guide the route with detailed options” on page 5-17.

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

9 HOW DO I USE THE AUTOMATIC RE-ROUTING FEATURE?

Re-routing when the vehicle is off the suggested route 9-2
Automatic re-routing 9-2
Manual re-routing 9-3
Detouring from the route temporarily 9-4
Turning off route guidance temporarily 9-5

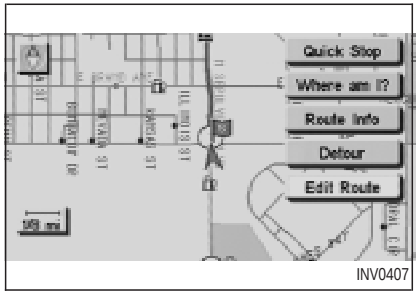
RE-ROUTING WHEN THE VEHICLE IS OFF THE SUGGESTED ROUTE

When you have strayed from the suggested route during the route guide, you can request a re-route from the current location. You can request either automatic or manual re-routing.

AUTOMATIC RE-ROUTING

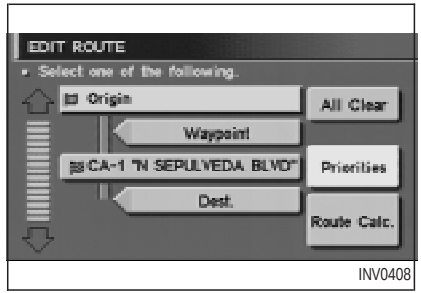
This setting will re-route automatically if the driver turns off the suggested road. The auto re-route will bring the vehicle to the destination. You will have to set the system for automatic re-routing.

1. Press the [ROUTE] button.



INV0407

2. Select the [Edit Route] key.
   The [EDIT ROUTE] screen will appear.



INV0408

3. Select the [Priorities] key.

INV0482

When the indicator light in the [Auto Reroute]

is off, press the Auto Reroute key. The indicator light will be ON.

4. Press the MAP button.

The map screen will reappear, and the system will start route calculation automatically.

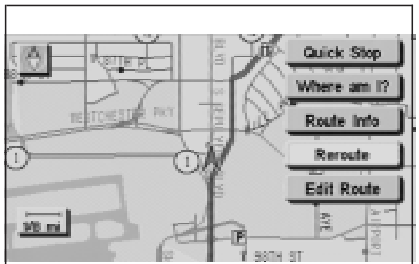
INFO:

- 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 set off (the indicator lights in the items are OFF), press the ROUTE button to display the Reroute key.
  When the Reroute key is selected, the system will start route calculation from the current location.
- When the vehicle runs off the suggested route with the automatic re-routing function set on, route calculation will be tried a few times so that the vehicle goes back to the original route. However, if the vehicle stays off the route, the system will calculate a new route.

MANUAL RE-ROUTING

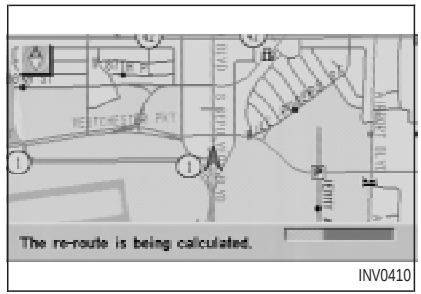
When the automatic re-routing function is canceled, the route calculation can be started by manual operation.

This function is very effective when you turn off the suggested route intentionally, and have the system calculate a new route.

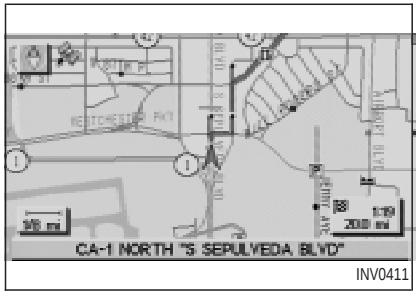


INV0409

1. Press the ROUTE button.
   Then select the Reroute key.
   The system calculates the route from the current vehicle location to the destination.



INV0410



INV0411

INFO:

- The [Reroute] key is alternated with the [Detour] key only when the automatic re-routing function is turned off, and the vehicle is off the suggested route during the route guidance. The [Detour] key is ordinarily displayed on the screen.
- When the destination (waypoint) is altered, a new route should be calculated first. Otherwise, the re-routing function will not be available.

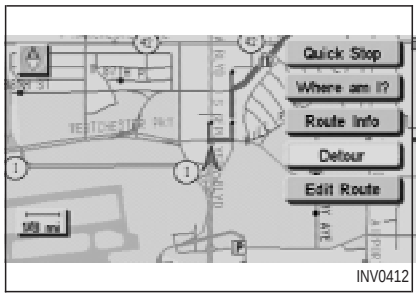
DETOURING FROM THE ROUTE TEMPORARILY

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

NOTE:

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

1. Press the [ROUTE] button to display the [Detour] key.



INV0412

2. Select the [Detour] key.

The [DETOUR] screen will be displayed.

INFO:

The [Detour] key is displayed only when going on the suggested road. The [Detour] key is replaced by the [Reroute] key only when the auto re-route is set off, and when the vehicle is off the suggested route.

The route info, detour, edit route, and ROUTE CALC keys are not displayed when the destination is not set, route guidance is turned off, or the vehicle reaches the destination.

INV0413

3. Set distance for detour calculation.

The system will start to find a detour according to the distance set from the current location.

INFO:

- If the alternative route cannot be found in finding a detour, 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.

TURNING OFF ROUTE GUIDANCE TEMPORARILY

You can turn off the route guide temporarily when you do not need it.

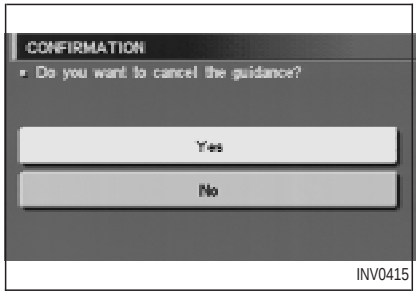
1. Press the [CANCEL] button.

The [CONFIRMATION] screen will be displayed.

Keys will be displayed on the screen.

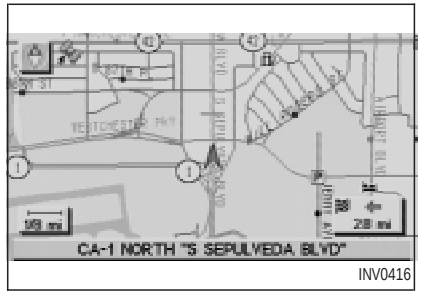
2. Select the [Cancel] key.

The [CONFIRMATION] screen will be displayed.



INV0415

3. Select the [Yes] key.



INV0416

The map screen will appear, and the suggested route will disappear.

INFO:

- Even when the route guidance is cancelled, the routes which have been found are stored.
- To restart route guidance, press the [VOICE] button.

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

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

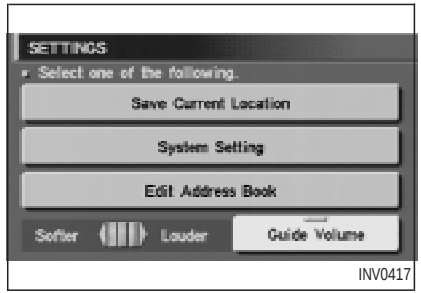
The Voice Guidance will verbally tell you which direction to turn when the vehicle approaches the intersection in which you have to make a turn to reach the destination.

NOTE:

The navigation system does not take driving in "CAR POOL LANES" into consideration for the guidance, especially when carpool lanes are separated from the other road lanes.

- **There may be some cases in which the voice guidance and the actual road conditions do not correspond. This may be because of the discrepancy between the actual road and the information on the CD or because of 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.
2. Select the Setting key.
3. When turning on/off the voice guidance, select the Guide Volume key, and press the PUSH ENTER switch. When the Guide Volume key is illuminated by the green indicator, it is activated. When turning up/down the voice guidance, select the Guide Volume key, and tilt the joystick

to the right/left. 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 turn."

"In a quarter mile, right turn."

"Right turn ahead."

NOTIFICATION OF CONSECUTIVE INTERSECTIONS ON AN ORDINARY ROAD

"In a half mile, right turn."

"In a quarter mile, right turn, then right turn."

"Right turn, then right turn."

NOTIFICATION OF AN ENTRANCE TO A FREEWAY

"In about one mile, freeway entrance on your right (left) 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 onto (road number and direction)."

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

"Keep to the right onto (road number and direction), then keep to the right onto (road number and direction)."

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

NOTIFICATION OF AN EXIT FROM A FREEWAY

"In about two miles, exit on your right."

"In about one mile, exit on your right, then turn right."

"Exit on your right, then turn right."

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... 11-5
Changing the display direction (in Planview display)... 11-6
Scrolling the map... 11-8
Displaying the complete route to the destination... 11-9
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  Updating the current vehicle location and the direction... 11-14
Changing the display color... 11-15
Adjusting the display brightness... 11-17
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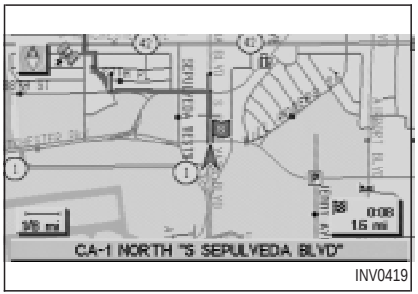
Characteristics of liquid crystal display... 11-19
Maintenance of the display... 11-19

SCREEN INFORMATION — PLANVIEW DISPLAY



INV0419

Direction key:

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

Please refer to “Changing the display direction” on page 11-6.

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.

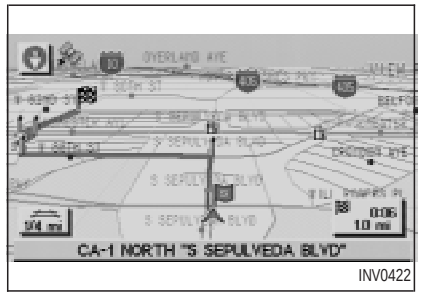
:

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.

:

When the route guidance is OFF or when route calculation is not started after you set the destination, it will show the direction and approximate straight distance to the destination.

SCREEN INFORMATION — BIRDVIEW™ DISPLAY



INV0422

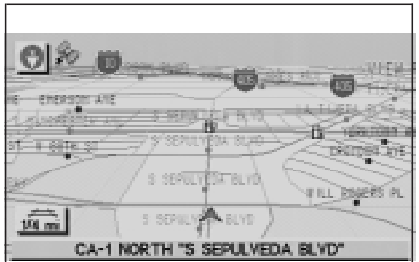
Map scale:

This display indicates the scale on the current map.

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

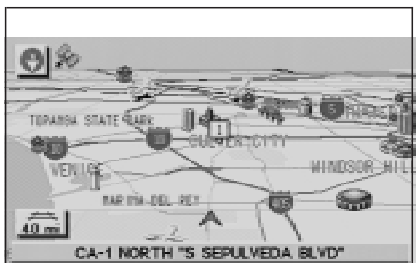
Height and distance on Birdview™ display

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



INV0423

<Example> Height of view: 1,000 feet

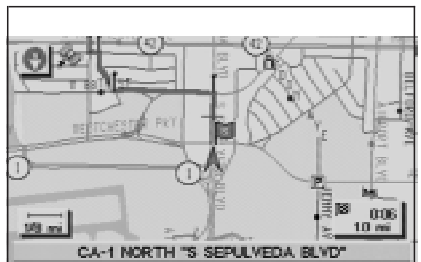


INV0424

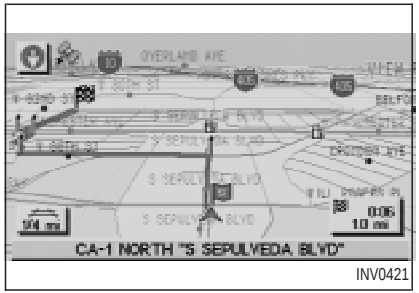
<Example> Height of view: 16,000 feet

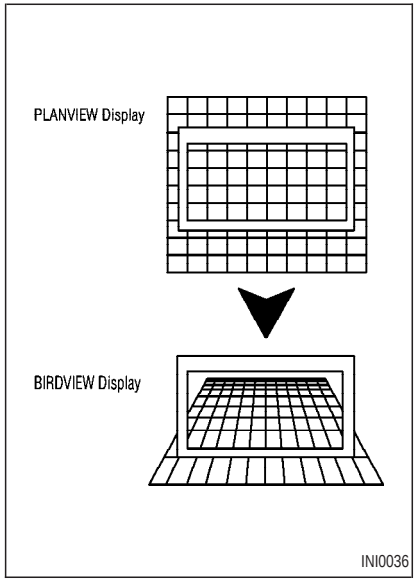
SWITCHING BETWEEN BIRDVIEW™ AND PLANVIEW DISPLAYS

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.



INV0420





Every time the VIEW button is pressed, the displays will alternate between the Birdview™ and the Planview.

INFO:

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

About Birdview™ display

The destination (waypoint) cannot be set in Birdview™ display.

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 complication of the map, all road names are not always shown on the screen. When the display re-draws the map, a road name which is shown on the previous screen may not appear on the new screen.

ZOOMING IN AND OUT OF THE MAP

Use the ZOOM OUT / ZOOM IN button 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 (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.

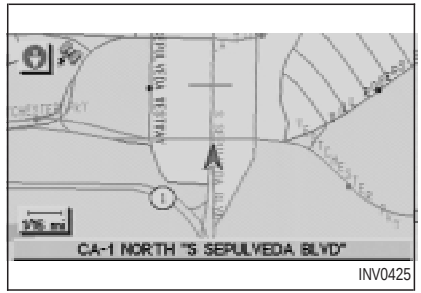
INFO:

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® is listed on page 11-3.



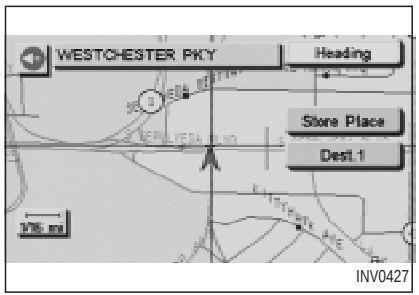
<Example> Most detailed level (1: 10,000)

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

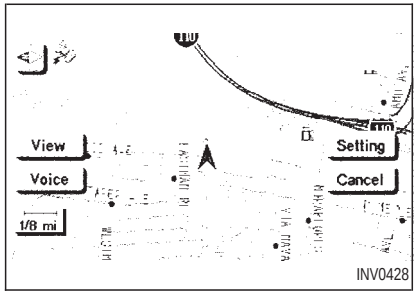
CHANGING THE DISPLAY DIRECTION (IN PLANVIEW DISPLAY)

How to use the keys on the screen

Move the joystick on the map screen, and press the PUSH ENTER switch to display the Heading key.



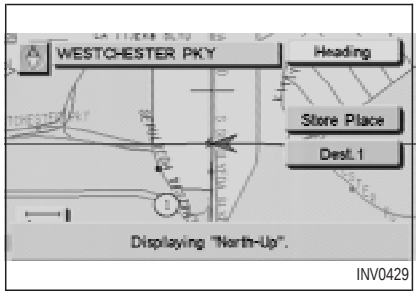
INV0427



INV0428

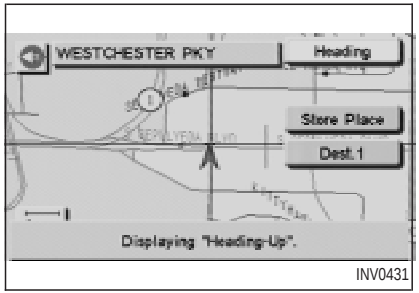
Select the Heading key (key) to alternate the map displays between the North up and the current forward direction up.

<Display with North up>



INV0429

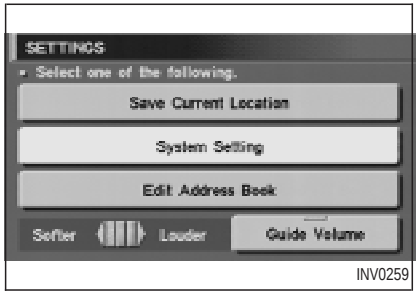
<Display with the forward direction up>



INV0431

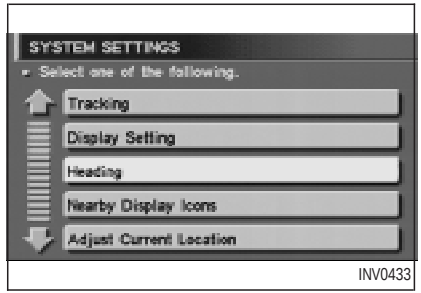
In case of SETTING **button**

1. Press the SETTING button.



INV0259

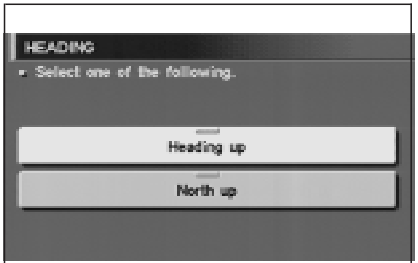
2. Select the System Setting key on the [SETTINGS] screen.



INV0433

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

The [HEADING] screen will be displayed.



INV0434

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.

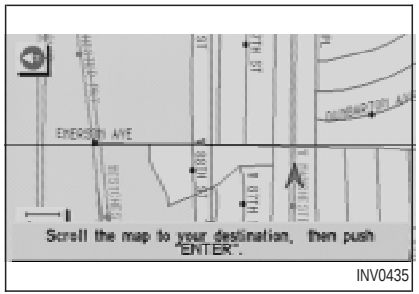
North Up : The map shows North up.

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 PREVIOUS button is pressed, the previous screen will re-appear.

SCROLLING THE MAP

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



INV0435

1. Operating the joystick.

The map scrolls to the same direction as the joystick.

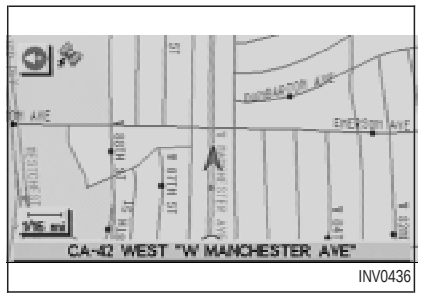
INFO:

While the vehicle is traveling, a single operation will move a fixed amount of the screen.

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

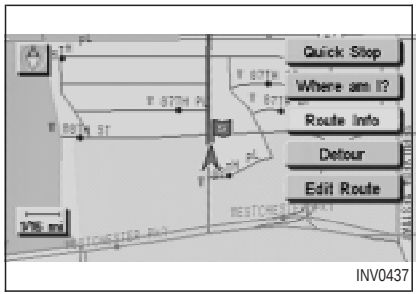
INFO:

You can also select the PREVIOUS button to go back.



INV0436

DISPLAYING THE COMPLETE ROUTE TO THE DESTINATION

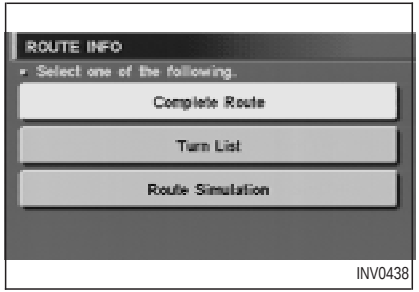


INV0437

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

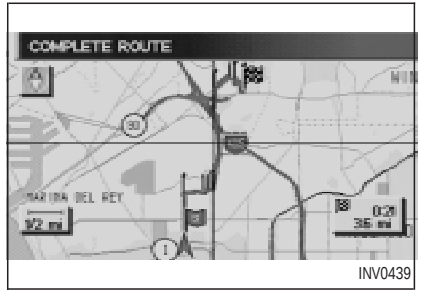
1. Select the ROUTE button.

Keys will be displayed on the screen.



INV0438

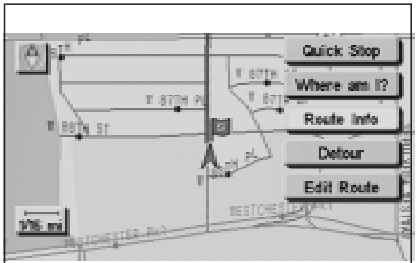
2. Select the Route Info key.
3. Select the Complete Route key.



INV0439

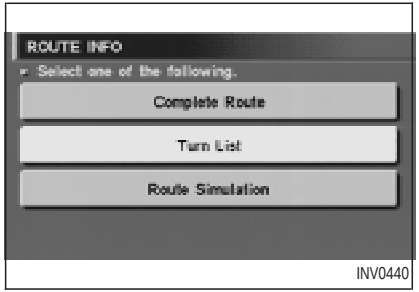
The complete suggested route to the destination will be displayed.

DISPLAYING TURN LIST

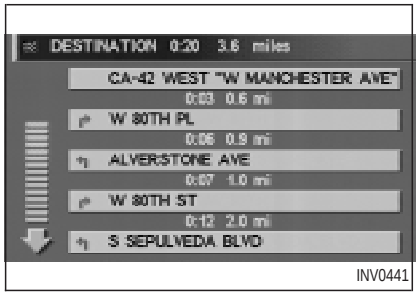


You can display the list of guide points to the destination during route calculation.

1. Select the ROUTE button.



2. Select the Route Info key.



3. Select the Turn List key.

A list of destinations, waypoints and guide points will be displayed. Guidance will be made at each guide point about which direction to turn.

The distance between the guide points and the required 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:

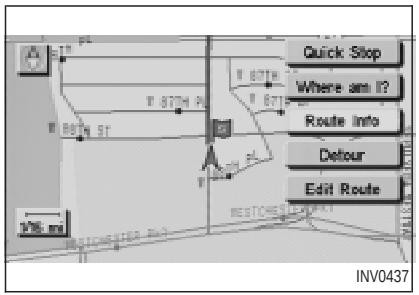
- In the turn list, turning points more than 60 miles (100 km) away from the current vehicle location will not be displayed.
- When calculated routes include a freeway, information about freeway entrances and exits will also be displayed.

REQUESTING THE SIMULATION DRIVE TO THE DESTINATION

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

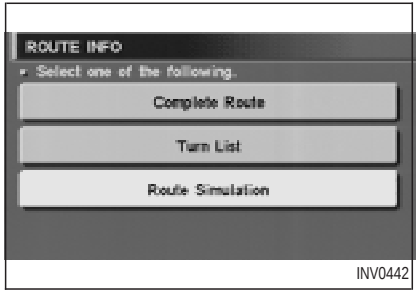
1. Select the ROUTE button.

Keys will be displayed on the screen.



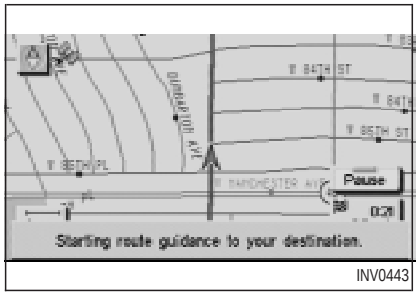
INV0437

2. Select the Route Info key.



INV0442

3. Select the Route Simulation key.



INV0443

The screen will display a simulated drive with voice guidance on the suggested route to the destination.

4. Press the MAP button to go back to the map display.

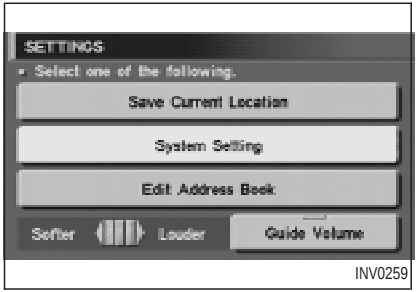
INFO:

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

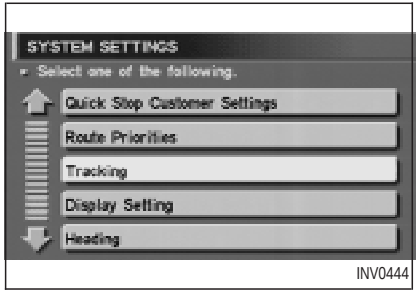
DISPLAYING THE TRACK

You can have the system track the road you have taken, and display it with indication mark (○).

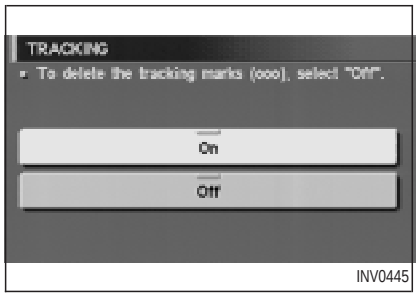
1. Press the SETTING button.
2. Select the Setting key.



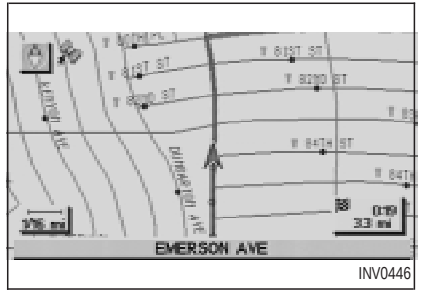
3. Select the System Setting key on the [SETTINGS] screen.



4. Select the Tracking key.



5. Select the On key.



6. 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 indicator (○) may be spaced differently, according to the scale of the map.
- If you re-set the current vehicle location, the indicator (○) will be cleared.

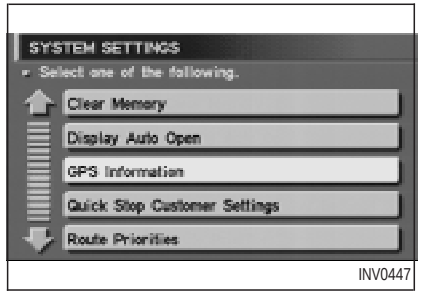
GPS INFORMATION DISPLAY

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

1. Press the SETTING button.

INV0259

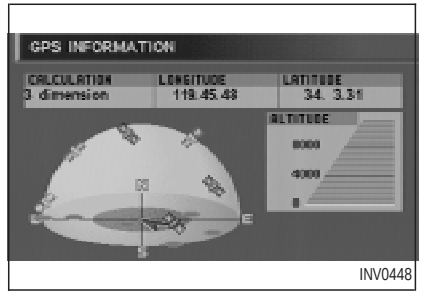
2. Select the System Setting key on the [SETTINGS] screen.



INV0447

3. Select the GPS Information key.

GPS information will be displayed.



INV0448

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 PREVIOUS button is pressed,

the [SYSTEM SETTING] screen will appear.

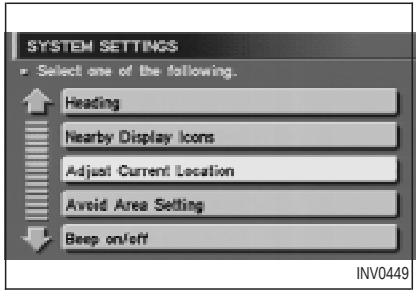
UPDATING THE CURRENT VEHICLE LOCATION AND THE DIRECTION

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.

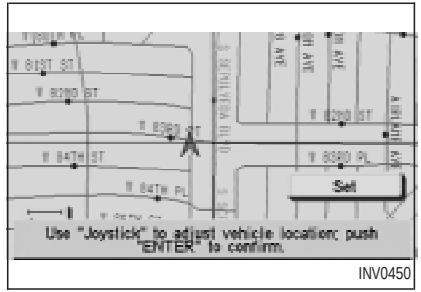
INV0259

2. Select the System Setting key on the [SETTINGS] screen.



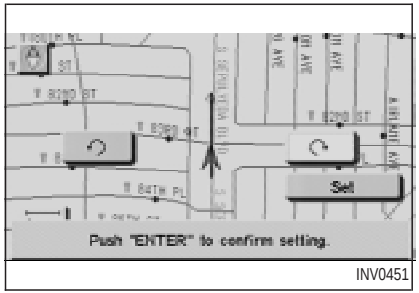
INV0449

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



INV0450

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.

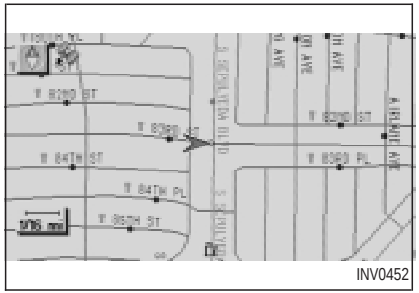


INV0451

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

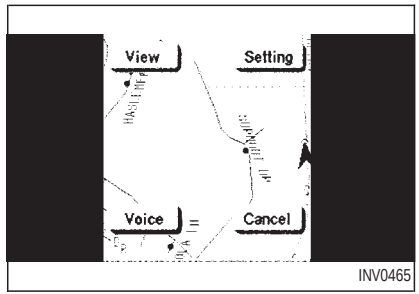
The arrow on the display shows the direction of the vehicle icon.

6. Select the [Set] key.


INV0452

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.



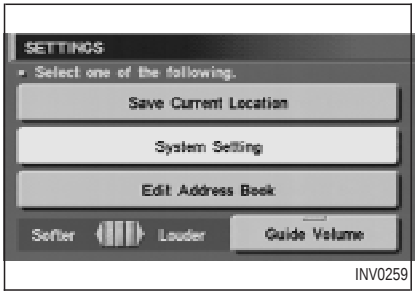
INV0465

CHANGING THE DISPLAY COLOR

You can change the display color.

1. Press the [SETTING] button.

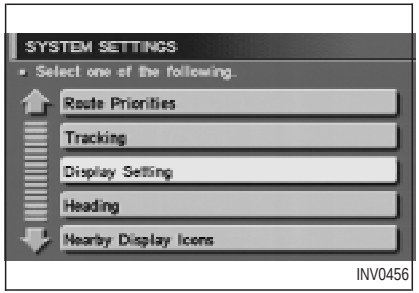
The display shows the [SETTINGS] screen.



INV0259

2. Select the System Setting key.

The display shows the [SYSTEM SETTINGS] screen.



INV0456

3. Select the Display Setting key.

The display shows the [DISPLAY SETTING] screen.

4. Select the Background key.

When pressed, the display color is changed.

INV0457

5. Press the PREVIOUS button.

The [SYSTEM SETTINGS] will be displayed.

INFO:

The D/N button is used to change the display color the same way as the Background key.

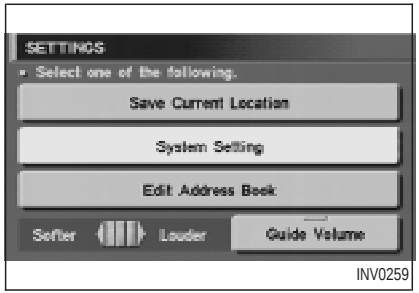
ADJUSTING THE DISPLAY BRIGHTNESS

You can choose the best brightness for the display.

INFO:

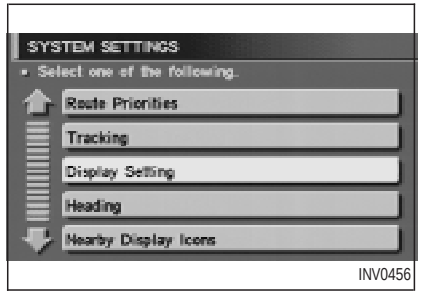
- You can have two different settings of brightness for the display, both for the headlights on and off.
- When the headlights are turned on, the original factory setting will turn to the brightness suitable for night (dim screen.)

1. Press the SETTING button.



2. Select the System Setting key.

The display shows the [SYSTEM SETTINGS] screen.



3. Select the Display Setting key.

The display shows the [DISPLAY SETTING] screen.

4. Select the Contrast key.

INV0458

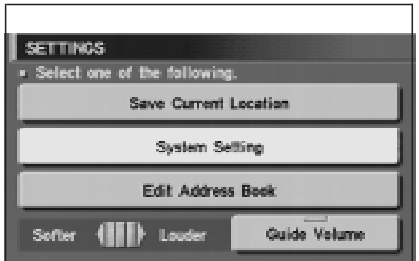
5. When the joystick is tilted to the right, the screen will brighten; to the left, the screen will darken.
6. Press the PREVIOUS button.

The screen returns to the [SYSTEM SETTINGS] screen.

SETTING AUTOMATIC BEEP SOUND

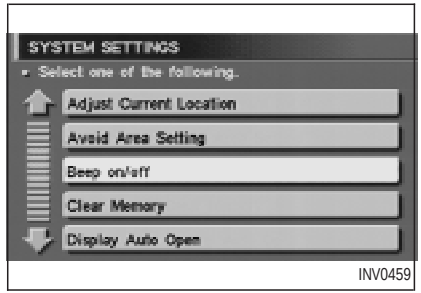
You can set the automatic beep sound. (Activated during automatic rerouting, etc.)

1. Press the SETTING button.



INV0259

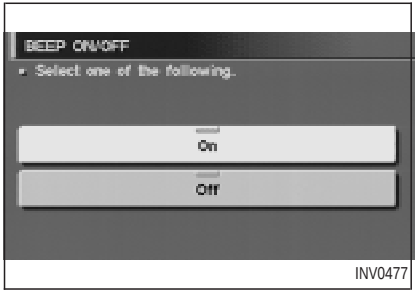
2. Select the System Setting key on the [SETTINGS] screen.



INV0459

3. Select the Beep on/off key.

The display shows the [BEEP ON/OFF] screen.



4. When turning on/off the beep sound, select the [On] or [Off] key.

The selected key ([On] or [Off]) will turn to green.

INFO:

Press the [MAP] button to show the map of the current vehicle location.

CHARACTERISTICS OF LIQUID CRYSTAL DISPLAY

- If the temperature inside the vehicle is especially low, the display will stay relatively dim or tend to be slow in the movement of the images. 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 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 become 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 mild detergent with a soft cloth. Never soak the exterior with water or detergent.

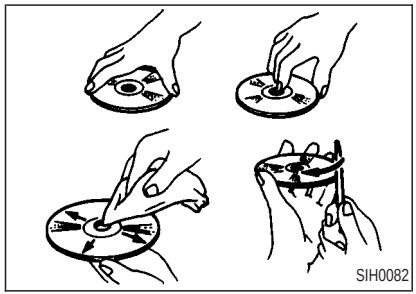
13 HOW DO I OPERATE THE AUDIO SYSTEM?

CD care and cleaning 13-2
Control panel 13-2
Listening to the music CD 13-2
Operating the audio system 13-3

WARNING

The CD player should not be adjusted while driving so full attention may be given to vehicle operation.

CD CARE AND CLEANING



- Handle a CD by its edges. Never touch the surface of the disc. Do not bend the disc.
- Always place the discs in the storage case when they are not being used.
- 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 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.

CONTROL PANEL

When a music CD is inserted into the system, the operation screen will appear automatically.

INFO:

While a music CD is playing, the navigation system cannot be used.

1. REPEAT key; refer to page 13-3.
2. OFF key; refer to page 13-3.
3. ▶ key (play); refer to page 13-3.
4. ■ key (stop); refer to page 13-3.
5. ◀◀ ▶▶ key (fast-forward/rewind); refer to page 13-3.
6. ⏮ ⏭ key (skip forward/back); refer to page 13-3.

LISTENING TO THE MUSIC CD

1. Press the ⏏ button on the main unit to

eject the inserted map CD-ROM.

INFO:

If the ejected CD-ROM is left as it is, it will be retracted automatically for protection.

2. Insert a music CD to the insertion slot. When the music CD is inserted to a certain extent, it will be retracted automatically. The operation screen will appear, then the system will start playback.

NOTE:

- **An 8 cm music CD (single) can be also used without an adapter. Do not use an adapter because it may cause failure.**
- **Store the ejected map CD-ROM in a case.**

INFO:

Sound volume, quality, and balance can be adjusted in the audio section.

OPERATING THE AUDIO SYSTEM

How to play/stop the music CD

- To stop playback, select the ■ key on the screen.
- To restart playback, select the ▶ key on the screen.
- To change the initial screen to the music CD screen (when the ignition key is turned to the ON or ACC position), press the MAP button.

How to fast-forward/rewind songs

- To start fast-forward, select the ▶▶ key on the screen.
- To start fast-rewind, select the ◀◀ key on the screen.
- When the key selection is released, the system will restart playback from the current position.

INFO:

- When the key is selected continuously, the speed will increase.
- During fast-forward and fast-rewind, the system produces a small sound.

How to repeat a song

Select the |◀◀ key to repeat a song to which you are listening.

How to skip songs

- Every time the ▶▶| key is selected on the screen, the system advances by one song, then starts playback.
- Every time the |◀◀ key is selected on the screen, the system goes back by one song, then starts playback.
- The system skips songs for the number of

the key selection count.

How to use the RANDOM function

Every time the [REPEAT] key is selected on the screen, the screen shifts in the order of DISC REPEAT, TRACK REPEAT and RANDOM.

DISC REPEAT: All songs are replayed in the order of the songs.

TRACK REPEAT: A song is replayed repeatedly.

RANDOM: Songs are replayed in random order automatically.

How to turn off the power supply

Select the [OFF] key on the screen.

INFO:

- When the [MAP] button is pressed, the system will restart playback.
- To restart the navigation, replace the inserted music CD with the map CD-ROM.

14 INFORMATION ON MAP DATA DISKS

How to order map data CD-ROM updates 14-2
How to handle the CD-ROM 14-2
About the navigation map CD-ROM 14-2
Legend of the icons used on the map 14-4
Abbreviations definition list 14-6

INFORMATION ON MAP DATA DISKS

HOW TO ORDER MAP DATA CD-ROM UPDATES

To order map data CD-ROM updates, please contact the Infiniti Navigation Helpdesk at 1-800-662-6200 or visit the Infiniti website at www.infiniti.com.

ABOUT THE NAVIGATION MAP CD-ROM

1. This navigation map CD-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 CD-ROM.
2. Traffic control and regulation data used in this CD-ROM may be different from those at the time you use this CD-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.

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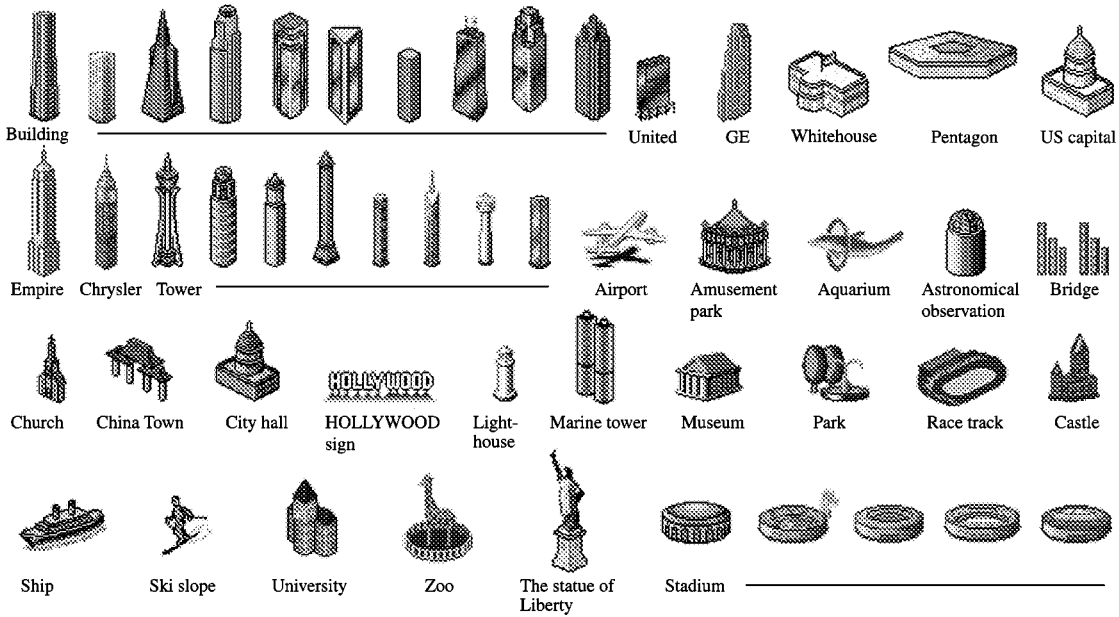
Legend of the icons used on the map

INFORMATION ON MAP DATA DISKS

Legend of the 3D 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.



INV1183

ABBREVIATIONS DEFINITION LIST

Word	Abbreviation
ACCESS	ACCS
ACRES	ACRS
ALLEY	ALY
APPROACH	APPR
AVENUE	AVE
BEACH	BCH
BEND	BND
BLUFF	BLF
BOULEVARD	BLVD
BRIDGE	BRG
BROOK	BRK
BYPASS	BYP
BYWAY	BYWY
CANYON	CYN
CAUSEWAY	CSWY
CENTER	CTR
CHASE	CHSE
CIRCLE	CIR
CLIFFS	CLFS
CLUB	CLB
CORNER	COR
COURT	CT
COVE	CV

Word	Abbreviation
CREEK	CRK
CRESCENT	CRES
CROSSING	XING
CURVE	CURV
DALE	DL
DRIVE	DR
ESTATES	EST
EXPRESS	EXP
EXPRESSWAY	EXPY
EXTENSION	EXT
FERRY	FRY
FIELD	FLD
FIELDS	FLDS
FLATS	FLTS
FORD	FRD
FREEWAY	FWY
GARDENS	GDNS
GATEWAY	GTWY
GLEN	GLN
GROVE	GRV
HAVEN	HVN
HEIGHTS	HTS
HIGHWAY	HWY

Word	Abbreviation
HILL	HL
HILLS	HLS
HOLLOW	HOLW
JUNCTION	JCT
KEY	KY
KNOLL	KNL
KNOLLS	KNLS
LANDING	LNDG
LANE	LN
LOCK	LCK
MANOR	MNR
MEADOWS	MDWS
MILL	ML
MOUNT	MT
MOUNTAIN	MTN
OVERPASS	OPAS
PARKWAY	PKWY
PASSAGE	PSGE
PINES	PNES
PLACE	PL
PLAZA	PLZ
POINT	PT
PROMENADE	PROM

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

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- Destination, waypoints or menu contents cannot be chosen or set..... 15-6
- Voice guidance..... 15-8
- Route calculation..... 15-9

TROUBLESHOOTING GUIDE

CUSTOMER ASSISTANCE

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

The Infiniti Navigation Helpdesk at 1-800-662-6200 Or Visit the Infiniti website at www.infiniti.com

BASIC OPERATIONS

Symptom	Possible cause	Remedy
When the ON/OFF button is pressed, the liquid crystal display does not open.	The temperature near the display is very high.	Lower the temperature inside the vehicle, then press the ON/OFF button again.
No image comes on.	The brightness adjustment is at the lowest setting.	Increase the brightness setting.
No map comes on the screen.	No map CD-ROM is inserted, or it is inserted upside down.	Insert the CD-ROM correctly.
		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.
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 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 ICONS

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.	This should not be regarded as abnormal.
The vehicle icon is not shown correctly.	The vehicle may 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.	Wait for the satellites to move to better locations.

VEHICLE ICONS

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 10 km (6 miles), 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 10 km (6 miles), adjust the current location.
	GPS indicator remains gray.	Check the GPS indicator on the screen to see if it remains gray.
	If the vehicle has tire chains errors (gain or loss) may result in calculating the speed from the speed pulse.	It 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 happens always in the same area).	Wait for the update of the Map CD-ROM.

TROUBLESHOOTING GUIDE

MAP CD-ROM

Symptom	Possible cause	Remedy
The message “Error” appears after operation.	Map CD-ROM is soiled or partially damaged.	Check the CD-ROM and wipe it clean with a soft cloth.
		If you see any damage, replace the CD-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 re-routing, the waypoints are not included in the calculation.	The system has judged that the vehicle has already passed the point.	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.	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 that can be calculated from.	Enter the route that can be calculated 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 join 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 is not abnormal.
Only 5 waypoints can be set.	The number of waypoints exceeds 5.	It is impossible to set more than 5 waypoints.
Some items in the menu cannot be selected.	The vehicle is moving.	Park the vehicle in a safe place and select the marks relevant 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 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.

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 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 close to the road displayed with orange, or wider roads. 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 route is not displayed continuously at waypoints, for example, that are not calculated routes from the vehicle's current position.	Suggested routes may be displayed sporadically near waypoints as route calculation is done at each waypoint.	This 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 1, the former data will be erased.	This is not abnormal.

ROUTE CALCULATION

Symptom	Possible cause	Remedy
An unusual or complicated route 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 moving the starting point or destination slightly.
The landmark description does not correspond to the actual one.	It may be caused by insufficient or outdated information on the CD-ROM.	Exchange the Map CD-ROM for a later version.
The suggested route does not connect exactly 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 may lack the data for route calculation.

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