2017 NAVIGATION SYSTEM

OWNER'S MANUAL

For your safety, read carefully and keep in this vehicle.

NISSAN CONSUMER AFFAIRS DEPARTMENT

For assistance or inquiries about the NISSAN warranty, service or general questions, contact the NISSAN Consumer Affairs Department at:

For U.S. customers

Nissan North America, Inc.

Consumer Affairs Department

P.O. Box 685003

Franklin, TN 37068-5003

1-800-NISSAN-1

(1-800-647-7261)

For Canadian customers

Nissan Canada Inc.

5290 Orbitor Drive

Mississauga, Ontario L4W 4Z5

1-800-387-0122

NISSANCONNECT[SM] HELPDESK CONTACT INFORMATION

For assistance or inquiries about the NissanConnect[SM], or to order updated map data, contact the NISSAN NAVIGATION SYSTEM HELPDESK at:

For U.S customers

- E-MAIL: nissan-navi-info@here.com
- WEB SITE:http://www.NissanNavigation.com
- PHONE: 1-888-661-9995

For Canadian customers

- WEB SITE: www.nissan.ca
- PHONE: 1-800-387-0122 (option 4)

FOREWORD

Thank you for purchasing a NISSAN vehicle.

This user's manual is for NissanConnect[SM] and the systems linked to NissanConnect[SM] offered in your NISSAN vehicle.

Please read this manual carefully to ensure safe operation of NissanConnect[SM].

- Because of possible specification changes and optional equipment, some sections 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. NISSAN reserves the right to change specifications or design at any time without notice.
- Do not remove this manual from the vehicle when selling this vehicle. The next user of the system may need the manual.

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HOW TO USE THIS MANUAL

This manual uses special words, symbols, icons and illustrations 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:

Indicates items that help you understand and maximize the performance of your vehicle. If ignored, they may lead to a malfunction or poor performance.

REFERENCE SYMBOLS

INFO:

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

Reference page:

This indicates the title and page that you should refer to.

[ ]:

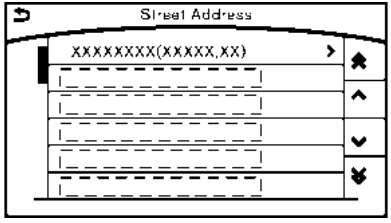
This indicates a key/item displayed on the screen.

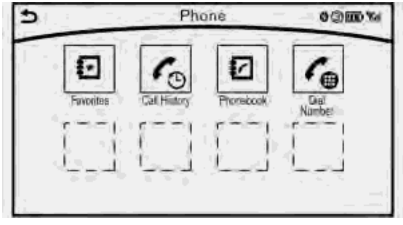
Voice Command:

This indicates an operation by voice command.

SCREEN ILLUSTRATIONS

Icons and menu items displayed on the screen may be abbreviated or omitted from the screen illustrations when appropriate. The omitted icons and menu items are described as dotted lines as illustrated.





SAFETY INFORMATION

The navigation system is primarily designed to help you support your pleasant driving as outlined in this manual. However, you, the driver, must use the system safely and properly. Information and the availability of services may not always be up to date. The system is not a substitute for safe, proper and legal driving.

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

WARNING

- **To operate the system, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.**
- **Exercise extreme caution at all times so full attention may be given to vehicle operation. If the system doesn't respond immediately, please be patient and keep your eyes on the road. Inattentive driving may lead to a crash resulting in serious injuries or death.**
- **Do not disassemble or modify this system. If you do, it may result in accidents, fire or electrical shock.**
- **If you notice any foreign objects in the system hardware, spill liquid on the system or notice smoke or a smell coming from it, stop using the system immediately and contact a NISSAN dealer. Ignoring such conditions may lead to accidents, fire or electrical shock.**
- **Do not rely on route guidance alone. Always be sure that all driving maneuvers are legal and safe in order to avoid accidents.**

CAUTION

- **Some jurisdictions may have laws limiting the use of video screens while driving. Use this system only where it is legal to do so.**
- **Extreme temperature conditions [below −4°F (−20°C) and above 158°F (70°C)] could affect the performance of the system.**
- **The display screen may break if it is hit with a hard or sharp object. If the display screen breaks, do not touch it. Doing so could result in an injury.**

NOTE:

Do not keep the system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the system, always keep the engine running.

LASER PRODUCT

This NissanConnect[SM] is certified as a Class 1 laser product.

The system complies with DHHS Rules 21 CFR Chapter 1, Subchapter J.

WARNING

- **Do not disassemble or modify this system. There are no user serviceable parts in the system.**
- **If maintenance, adjustments and operations other than those specified in this manual are attempted, injury due to laser radiation and exposure could occur.**

TRADEMARKS

SiriusXM TRAFFIC

Required SiriusXM Satellite Radio and SiriusXM Traffic monthly subscriptions are sold separately. SiriusXM Traffic are only available in select markets. For more information,

see www.siriusxm.com/siriusxmtraffic

SiriusXM TRAVEL LINK

Required SiriusXM Satellite Radio and SiriusXM Travel Link monthly subscriptions are sold separately. SiriusXM Travel Link is only available in select markets. For more information,

see www.siriusxm.com/travellink

Google

© 2012 Google Inc. All rights reserved. Google Calendar[TM] calendaring application is a trademark of Google Inc.

CUSTOMER ASSISTANCE

For assistance or inquiries about the NISSAN Navigation System, or to order updated map data, contact the NISSAN NAVIGATION SYSTEM HELPDESK. See the contact information on the inside front cover of this manual.

MEMO

MEMO

MEMO

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CONTROL BUTTONS AND FUNCTIONS

Designs and button layout may vary depending on the specifications and the model.

HOW TO HANDLE DISPLAY

The display is a liquid crystal display and should be handled with care.

WARNING

Never disassemble the display. Some parts utilize extremely high voltage. Touching them may result in serious personal injury.

Characteristics of liquid crystal display

- If the temperature inside the vehicle is especially low, the display will stay relatively dim or the movement of the images may be slow. These conditions are normal. The display will function normally when the interior of the vehicle has warmed up.
- Some pixels in the display are darker or brighter than others. This condition is an inherent characteristic of liquid crystal display, and it is not a malfunction.
- A remnant of the previous display image may remain on the screen. This screen burn is inherent in display, and it is not a malfunction.

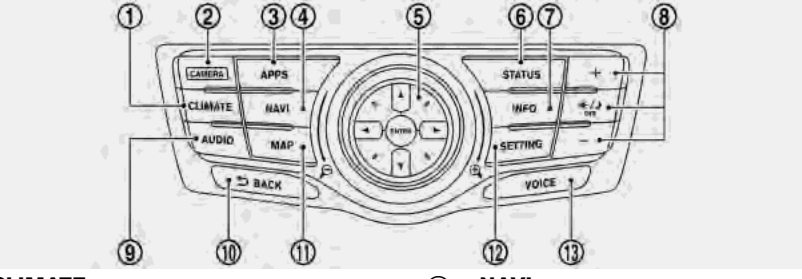
Maintenance of display

CAUTION

- **To clean the display, stop the vehicle in a safe location.**
- **Clean the display with the ignition switch in the OFF position. If the display is cleaned while the ignition switch is in the ON position, unintentional operation may occur.**
- **When cleaning the display, never use a rough cloth, alcohol, benzine, thinner or any kind of solvent or paper towel with a chemical cleaning agent. Doing so will cause scratches or deterioration of 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.**

To clean the display screen, use a dry, soft cloth. If additional cleaning is necessary, use a small amount of neutral detergent with a soft cloth. Never spray the screen with water or detergent. Dampen the cloth first, then wipe the screen.

CONTROL PANEL



① **<CLIMATE>**:

Push to display the screen for air conditioner operations.

Refer to the vehicle Owner's Manual.

② **<CAMERA>** (models with Around View Monitor):

Push to operate the Around View Monitor.

Refer to the vehicle Owner's Manual.

< > (models without Around View Monitor):

Push to operate hands-free phone.

Refer to the vehicle Owner's Manual.

③ **<APPS>**:

Push to display the available Apps.

Refer to the vehicle Owner's Manual.

④ **<NAVI>**:

Push to display the navigation menu.
☞ "Destination screen" (page 4-3)

⑤ Multi-function controller:

Push to select an item on the screen, select the highlighted item, or scroll the map on the screen, etc.
☞ "Multi-function controller" (page 2-4)

⑥ **<STATUS>**:

Push to display the current setting of the vehicle information, air conditioner, audio and navigation route information.

⑦ **<INFO>**:

Push to display the information menu.
☞ "Information screen" (page 7-2)

⑧ **< >**, **<+>/<->**:

Push **< >** to switch the display brightness to the daytime mode or the nighttime mode, and to adjust the display brightness level using the multi-function controller while the indicator is displayed at the bottom of the screen. Push and hold **< >** to turn the display on and off.

The display brightness can also be adjusted using **<+>** or **<−>**.

⑨ **<AUDIO>**:

Push to operate the audio system.

Refer to the vehicle Owner's Manual.

⑩ **< BACK>**:

Push to return to the previous screen. In a settings screen, this button is also used to apply the setting.

⑪ **<MAP>**:

Push to display the current location map screen.

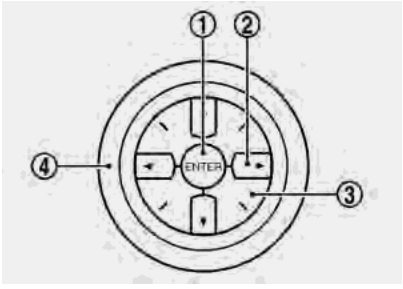
⑫ **<SETTING>**:

Push to access the system settings.

⑬ **<VOICE>**:

Push to repeat the voice guidance for a guide point.

MULTI-FUNCTION CONTROLLER



① **<ENTER>**:

Push to select the highlighted item on the screen.

If this button is pushed while a map is displayed, the map menu screen is displayed.

☞ “Map menu” (page 2-8)

② Main directional buttons:

Use to move across the map, select an item on the screen or adjust a setting (volume, brightness, etc.).

③ Additional directional buttons:

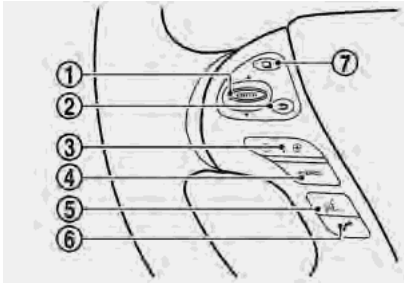
Use to move across the map or select an item on the character input screen.

④ Center dial:

Turn to highlight an item on the screen or adjust a setting.

The center dial can also be used to adjust the map scale.

STEERING-WHEEL SWITCHES



① **<ENTER>**:

Tilt to highlight an item on the screen or adjust a setting. Push to select the highlighted item.

If this button is tilted up while the audio function is activated and the map or status screen is displayed, the audio system can be operated.

If this button is pushed while a map is displayed, the map menu screen is displayed.

☞ “Map menu” (page 2-8)

② **< ⮌ >**:

Push to return to the previous screen.

This button is used for the vehicle information display operation, also.

Refer to the vehicle Owner's Manual.

③ **<+ 🔈 –>**:

Use to adjust the volume. These buttons have the same function as that of **<VOL>** on the audio system.

Refer to the vehicle Owner's Manual.

④ **<SOURCE>** :

Use to switch the audio mode (source).

Refer to the vehicle Owner's Manual.

⑤ **< 🎤 >** (TALK):

Push to start a voice recognition session. During a voice recognition session, pushing this button cancels the voice guidance and you can speak a voice command immediately.

Push and hold this button to end a voice recognition session.

⑥ **< 📞 >**:

Push to display the phone mode screen.

Refer to the vehicle Owner's Manual.

⑦ **< ▭ >**:

This button is used for the vehicle information display operation.

Refer to the vehicle Owner's Manual.

STARTING SYSTEM

The system starts when the ignition switch is pushed to the "ACC" or "ON" position.

START-UP SCREEN

For this system, when the ignition switch is pushed to the "ACC" or "ON" position, the start-up screen is displayed.

Touch [OK] after reading and agreeing to the message. If you do not agree to the message, some of the functions will be disabled.

NOTE:

Do not keep the navigation system on with the engine stopped. Doing so may discharge the vehicle battery. When you use the navigation system, always keep the engine running.

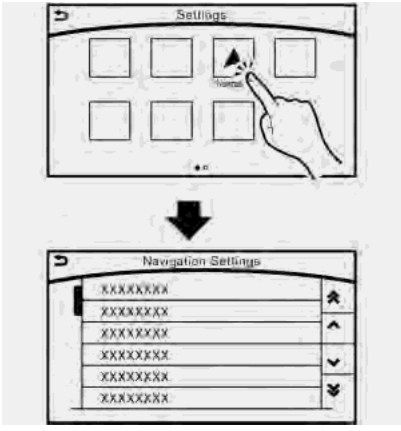
INFO:

Once you select [Decline] on the start-up screen, the [OK]/[Decline] screen will not be displayed for 30 days.

TOUCH PANEL OPERATION

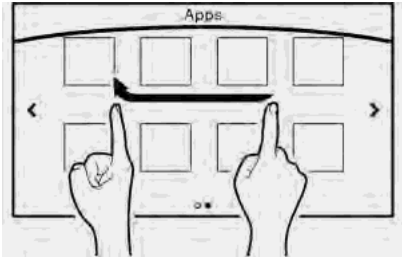
Basic touch panel operation methods are explained here.

- **Touch**



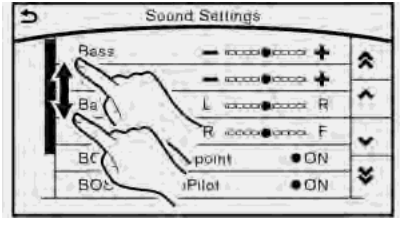
Select and execute the selected key on the screen.

- **Swipe**



Menu screen pages will skip to the next page.

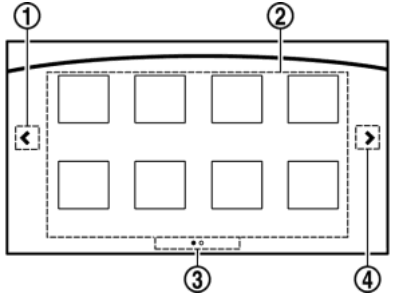
- **Drag**



Drag up or down to scroll. You can scroll up and down a list screen.

Various further operations are possible for a map screen. For detailed operations of the map screen, refer to the map operation section.
☞ “Operating with touch panel operation” (page 3-4)

OPERATING MENU SCREEN



① Touch [<] to scroll to the previous page.

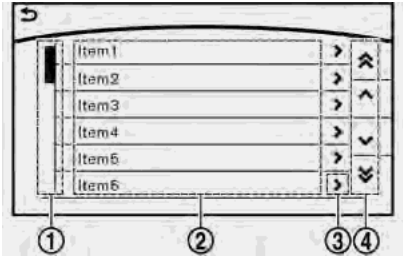
② Touch a preferred icon to execute a function and display the next screen.

③ Indicates the position of the currently displayed page out of the total number of available pages.

④ Touch [>] to scroll to the next page.

A swipe gesture can also be used to move quickly between screens.

SCROLLING MESSAGE OR LIST



① Drag the scroll bar up or down to scroll the message or list up or down.

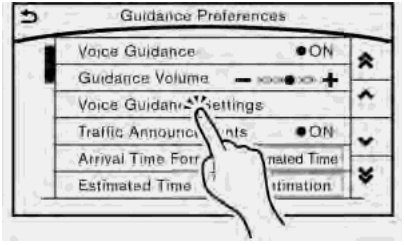
② Touch a preferred item.

③ If a listed item name is not completely displayed (due to length), touch [>] to display the hidden part of the name.

④ Touch [∧] or [∨] to scroll the message or list one item at a time.

Touch [≪] or [≫] to skip to the next page.

SELECTING ITEM

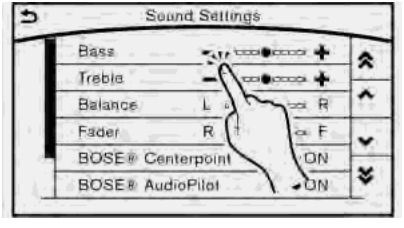


When the item is touched, it is executed and the next screen is displayed.

Touch [⮌] to return to the previous screen.

ADJUSTING VOLUME AND SETTINGS

Set the volume and brightness.



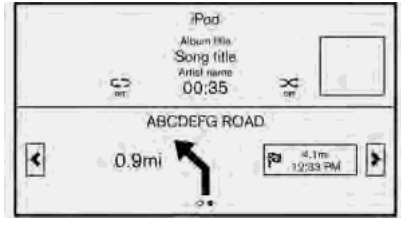
Touch adjustment keys, such as [+]/[-], [L]/[R], etc., to adjust each item. Each time a key is touched, the indicator moves along the bar.

NAVIGATION SYSTEM STATUS SCREEN

By pushing **<STATUS>**, the current status of the system can be displayed.

INFO:

There are different status screens displayed depending on various factors, such as the currently active mode, whether a destination has been set or not, etc.



When a route to the destination is set and the audio system is on, a screen similar to the one above appears.

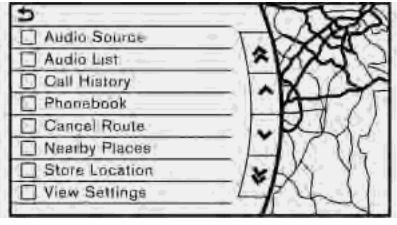
Touching [**<**] /[**>**] can switch air conditioner status screen, navigation route information screen and fuel economy information screen.

When no route is set, a compass and the current location is displayed instead of the route information.

SHORTCUT MENU

Push **<ENTER>** or touch [≔] while the current location map screen is displayed to display the shortcut menu screen.

The items on the shortcut menu can be customized to your preference.



Available items:

- Audio Source
- Audio List
- Call History
- Phonebook
- Cancel Route
- Nearby Places
- Store Location
- View Settings

- Select Add/Edit
- (Blank)

EDIT SHORTCUT MENU

The following procedure can edit or sort the shortcut menu.

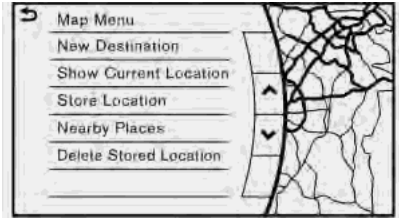
1. Select [Select Add/Edit] to register a new item to the menu, or to change an existing menu item.
2. Select preferred setting.
   - [Change Order]

     Change the order in which shortcut menu items are shown. Touch and hold the [≡] displayed next to the item you wish to relocate. Drag the icon to the position in the list where you wish to insert the item.
   - [Edit Shortcut Items]

     Edit items to be displayed in the shortcut menu.

MAP MENU

While scrolling the map screen, push **<ENTER>** or touch [≡] to display the Map Menu.

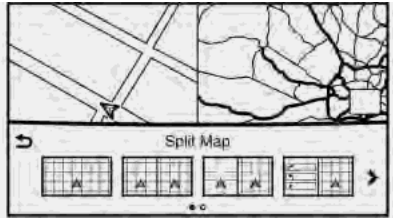


Available items:

- New Destination
- Show Current Location
- Store Location
- Nearby Places
- Delete Stored Location

DISPLAY VIEW BAR

Various map information screens can be shown by selecting from the Display View Bar.

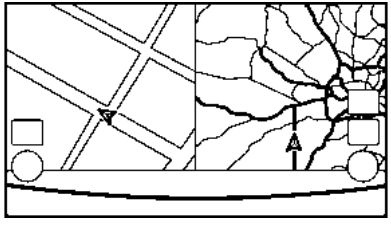


When the screen displays the map, push **<MAP>** to show the Display View Bar.

Select an icon in the Display View Bar. The current view will changed and the Display View Bar will be closed.

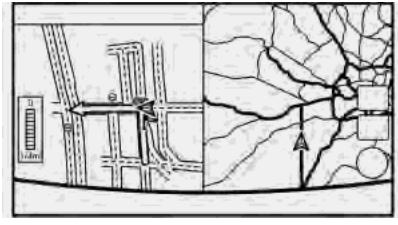
The following display views are available.

Viewing Split Map:



The map can be displayed on a split screen. Each screen can be adjusted independently.

Viewing Intersection:

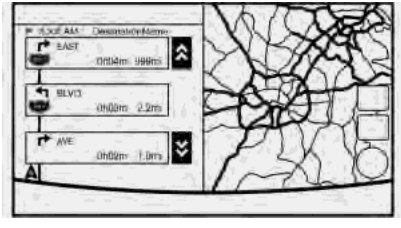


The next intersection is always displayed.

INFO:

When no route is set, the intersection screen is not displayed and the map is displayed on the full screen.

Viewing Turn List:

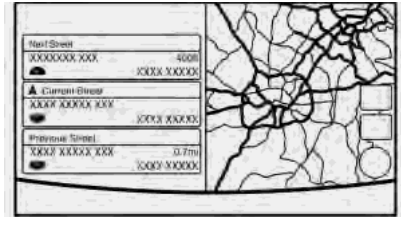


This displays the turn list on the left screen. When approaching a guide point, the left screen automatically switches to an enlarged view of the intersection.

INFO:

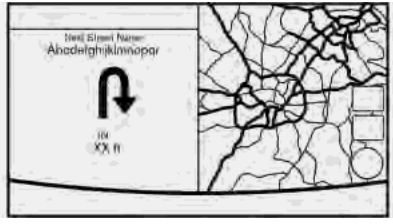
When no route is set, the turn list screen is not displayed and the map is displayed in the full screen.

Viewing Where am I ?:



This displays the information about the current vehicle location.

Viewing Turn by Turn:

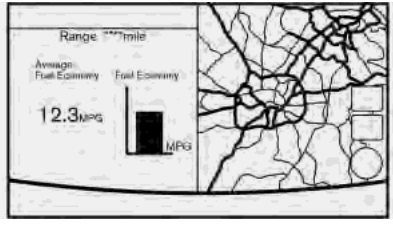


This displays a turn point when driving according to route guidance.

INFO:

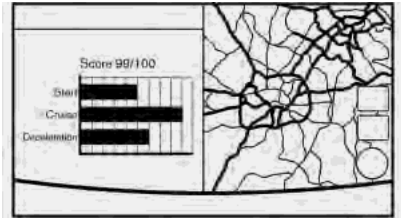
When no route is set, a turn point screen is not displayed and the map is displayed in the full screen.

Viewing Fuel Economy



Fuel economy information can be checked while driving.

Viewing Eco Drive Report:



Your driving score will be displayed in real time, with 100 points designated as the score for ideal eco-driving.

For improving your score:

- When starting off, depress the accelerator gently.
- When cruising, accelerate and decelerate as little as possible.
- When decelerating, releasing the accelerator early.

CUSTOMIZING THE DISPLAY VIEW BAR

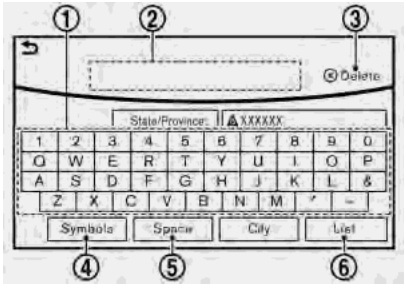
The menu icons on the Display View Bar can be customized to your preference.

1. Push **<SETTING>** and touch [Navigation] to display the navigation setting screen.
2. Touch [Map & Display View] and touch [Change Order].
3. Change the order of the icons to be displayed on the Display View Bar. Touch and hold the [≡] displayed next to the item you wish to relocate. Drag the icon to the position in the list where you wish to insert the item.

HOW TO INPUT LETTERS AND NUMBERS

CHARACTER (letters and numbers) INPUT SCREEN

Alphanumeric characters are entered using the keyboard screen.



(1) Touch a character on the displayed keyboard. The selected character is entered.

(2) Entered characters are displayed here.

(3) Touch [Delete] to delete the last character entered.

Touch and hold [Delete] to delete all the characters entered.

④ The symbol keys are displayed by touching [Symbols]. The alphabet keys are displayed by touching [A-Z].

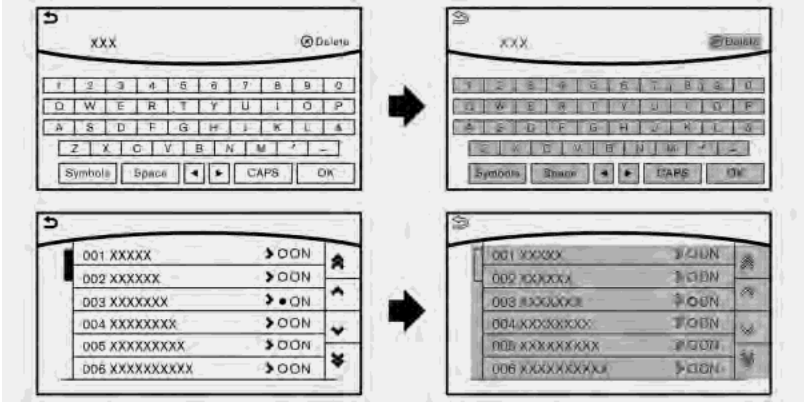
⑤ Touch [Space] to enter a space.

⑥ Touch [OK] or [List] to finalize your input.

INFO:

- Touch [CAPS] to toggle uppercase and lowercase characters on the keyboard screen.
- Touch [◄] or [►] to move the character input position.

FUNCTIONS DISABLED WHILE DRIVING



Example

To help ensure safe driving, some functions cannot be operated or have limited operation while the vehicle is in motion.

The on-screen text and keys for these restricted functions will be “grayed-out” or muted and cannot be selected while driving. In some cases, a screen message will appear indicating a restricted function.

Restricted functions while driving include:

- Character (letter and number) input screen.
- Scrolling and viewing of certain list screens
- Displaying detail information and touching item on the information screen
- Adding/editing home location, address book entries and current route
- Making a call by dial number and handset phonebook
- Setting phone, NissanConnect℠ Services and Bluetooth® functions

These functions will become available again when the vehicle is not in motion.

Some of the destination setting functions that become unavailable while driving can be operated by voice recognition system. Available voice commands may differ depending on the language setting.

3 Map operation

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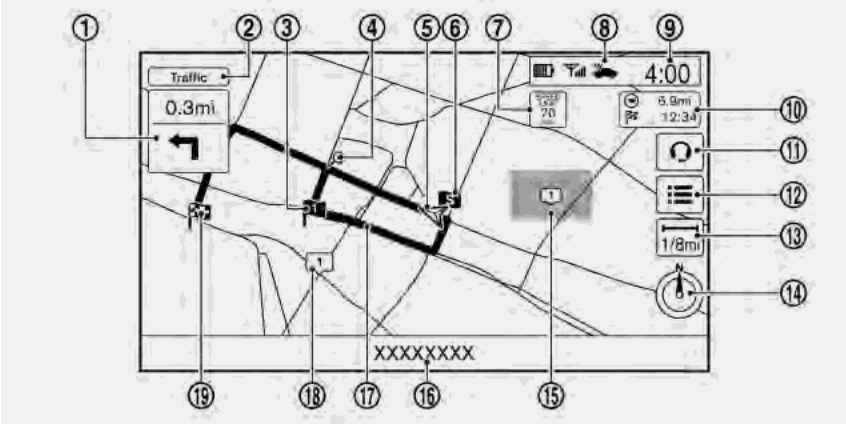
MAP TYPES

Two types of map views are available: 2D map and Birdview™ (3D) map.

2D MAP

The 2D map displays the map in a two-dimensional environment similar to a road map.



Screen information:

① Arrow:

Indicates the turning direction of the next guide point. Distance to the guide point is also indicated above the arrow.

② Traffic indicator:

Displays the reception condition of traffic information transmitted from the traffic information provider.

When the reception condition of traffic information transmitted from the provider is not detected, the traffic indicator will be "grayed-out".

③ Waypoint:

Displays the set locations between the starting point and the destination. A maximum of five waypoints can be set.

④ Guide point:

Indicates a guide point on the route.

⑤ Vehicle icon:

Indicates the current vehicle location and the direction of travel.

⑥ Starting point:

Displays the vehicle location, with which the route is set, as the starting point.

⑦ Speed limit icon:

Displays the speed limit of the current driving road.

⑧ NissanConnect℠ Services antenna icon

When the system connects to the NissanConnect℠ Services Data Center, an antenna icon will appear on the screen.

☞ "NissanConnect℠ Services features" (page 7-14)

⑨ Clock

Display current time.

☞ "Clock settings" (page 7-26)

⑩ 6.9mi 12:34 Remaining time and distance to the destination:

Indicates the approximate remaining time and distance to the destination or waypoint. This indicator will appear when a destination or waypoint is set and route guidance is started.

⑪ IVR soft button:

Touch the icon to connect to the NissanConnect℠ Services Interactive Voice Menu.

☞ "Connecting to Interactive Voice Menu" (page 7-18)

⑫ Map menu icon:

Touch the icon to display the shortcut menu or map menu.

☞ "Shortcut menu" (page 2-7)
☞ "Map menu" (page 2-8)

⑬ Scale indicator:

Indicates the scale of the map.

Touch the icon to display the scale bar. The map scale can be adjusted using the scale bar.

☞ "Changing scale of map" (page 3-6)

⑭ / Direction indicator:

Indicates the directional setting of the map. Touch the icon to change the setting.

: North always pointing up.

: Direction of the vehicle always pointing up.

⑮ 1 Avoid area (green or blue):

Displays the areas to avoid that are stored in the Address Book. During the route search, the route guidance is performed by searching for a route that avoids those areas.

⑯ Street name:

Displays the name of the street that the vehicle is currently driving on.

⑰ Suggested route:

Appears in bold blue during route guidance.

⑱ 1 Stored location (yellow):

Displays the locations that are stored in the Address Book. The icons can be changed according to your preferences.

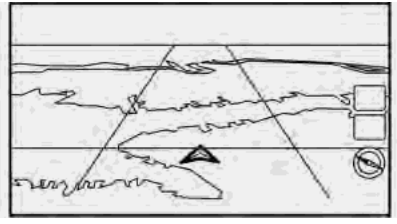
⑲ Destination:

Indicates the destination location of the route guidance.

Upon reaching the destination, the address will be displayed on the map screen.

Birdview™ (3D) MAP

Birdview™ displays the map from an elevated perspective. In Birdview™, it is easy to recognize an image of the route because it provides a panoramic view over a long distance.



INFO:

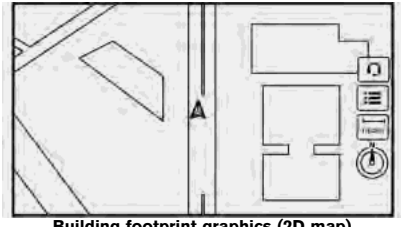
Note the following items about the Birdview™ display.

- "Birdview™" is a registered trademark of Clarion Co., Ltd.
- The map in Birdview™ always appears with the current forward direction facing up.

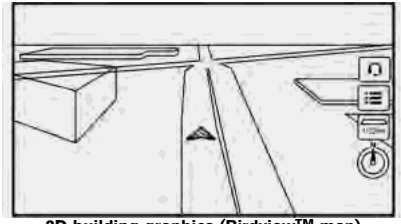
BUILDING GRAPHICS

In an area where the building graphics are stored in the map data, the building graphics are displayed when the map is zoomed in. On the 2D map display, these are called "Building footprint graphics", and on the Birdview™ display, these are called "3D building graphics".

The way of looking at the map is the same for the 2D and Birdview™ maps.



Building footprint graphics (2D map)



3D building graphics (Birdview™ map)

INFO:

In an area where the building graphics are not stored in the map data, the normal map is displayed even when the map is zoomed in.

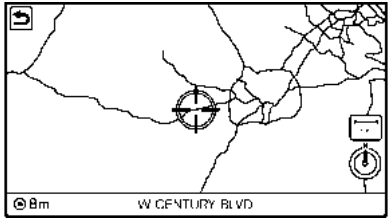
DISPLAYING CURRENT VEHICLE LOCATION

OPERATING WITH CONTROL PANEL

The basic map screen displays the current location (the position where the vehicle mark is located). Push **<MAP>** to display the current location on the map when another screen is displayed.

After moving the map, push **<BACK>** on the map screen to display the current location map screen.

OPERATING WITH TOUCH PANEL OPERATION



After moving the map, touch [⮌] on the map screen to display the current location map screen.

MOVING MAP

The operations for moving across the map are different between the 2D and Birdview™ maps.

Map scrolling operations are limited and not fully available while driving. When detailed map screen is displayed while driving, the map cannot be scrolled.

2D MAP

The following touch panel operations are available to move map.

- **Touch**
  Touch the screen. The cross pointer is displayed at the center of the map. Touching the screen again will scroll the map toward the touched location.
- **Long touch**
  Touch the direction to move to. The map continues to scroll while the screen is touched.
  While driving, one-touch continuous scrolling is disabled.
- **Drag**
  Drags the map while the screen is touched.
- **Swipe**
  Swipe to scroll the map.

Multi-function controller operation:

Push and hold the main directional buttons and the additional directional buttons to scroll the map in the corresponding direction. The cross pointer is displayed at the center of the map.

Birdview™ (3D) MAP

The following touch panel operations are available to move map.

- **Touch**
  Touch the screen. The cross pointer is displayed at the center of the map. Touching the screen again will scroll the map toward the touched location.
  Touch [◧] or [◨] to change the direction of the map.
- **Long touch**
  Touch the direction to move to. The map continues to scroll while the screen is touched.
  While driving, one-touch continuous scrolling is disabled.
- **Drag**
  Drags the map while the screen is touched.
- **Swipe**
  Swipe the touch panel to scroll the map screen quickly.

Multi-function controller operation:

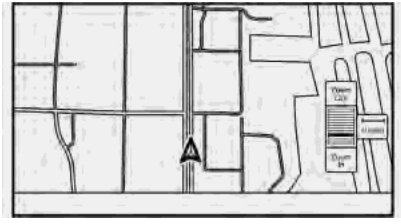
Push and hold the left and right main directional buttons to rotate the map counterclockwise or clockwise.

Push and hold the rest of the main directional buttons or additional directional buttons to scroll the map in the corresponding direction. The cross pointer is displayed at the center of the map.

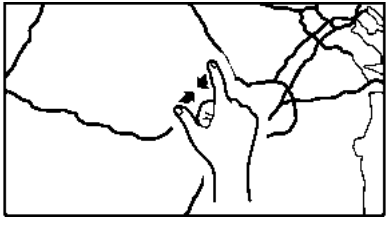
CHANGING SCALE OF MAP

There are several methods for changing the map scale.

TOUCH PANEL OPERATION



1. Touch .
   The scale bar is displayed.
2. Touch [Zoom In] or [Zoom Out] to change the scale.



Pinch-in

To view a wider area, pinch-in the map screen.

Pinch-out

To view the map in detail, pinch-out the map screen.

Free zoom:

Depending on the setting, using the center dial to change the map scale may adjust the scale normally, or it may engage the free zoom (finer scale adjustment in smaller steps).

“Settings screen” (page 7-24)

MULTI-FUNCTION CONTROLLER OPERATION

Turn the center dial clockwise or counterclockwise to change the map scale.

Clockwise: Zoom in

Counterclockwise: Zoom out

MAP SCALE

Any required map scale (map coverage) between 320 miles (640 km) and 1/32 mile (25 m) can be selected.

US Units	Metric Units
320 miles	640 km
80 miles	160 km
32 miles	64 km
8 miles	16 km
5 miles	10 km
2 miles	4 km
1 mile	2 km
1/2 mile	1 km
1/4 mile	500 m
1/8 mile	200 m
1/16 mile	100 m
1/32 mile	50 m
1/64 mile	25 m

INFO:

The traffic information icons are not displayed on the map screen when the map scale is set to 8 miles (16 km) or higher.

☞ “Traffic information on map” (page 7-6)

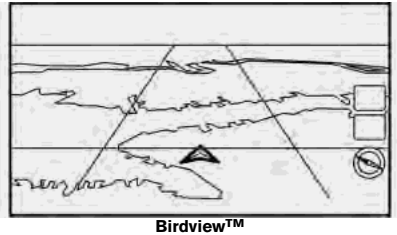
CHANGE MAP

The map view type can be changed by touching [⏱] / [⊘] on the map screen.

The screen will change to North Up, Heading Up and Birdview™ each time [⏱] / [⊘] is touched.

North Up

Heading Up



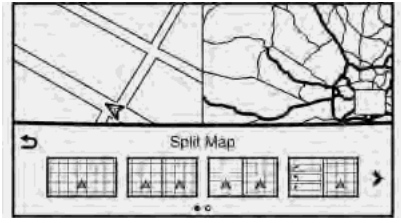
Birdview™

You can also set the map view by pushing **<SETTING>** and touch [Navigation].

☞ “Map view settings” (page 3-8)

SETTING SPLIT SCREEN

It is possible to view the two types of map view or the map view, and other information at the same time. The right screen displays the map screen, and the left screen displays a turn list or an information screen.



1. Push **<MAP>** while the current location map screen is displayed, the Display View Bar is displayed.
2. Select the screen you would like to set.
☞ “Display View Bar” (page 2-8)

MAP VIEW SETTINGS

The setup for the map view is performed from the Settings menu.

1. Push **<SETTING>**.
2. Touch [Navigation].

The following settings are available.

Menu item		Action
[Map & Display View]	[Change Order]	Sort the icon on the Display View Bar.
	[Full Map]	Display full map screen.
	[Split Map]	Select one of the settings to be applied to the display. ☞ “Display View Bar” (page 2-8)
	[Intersection]	
	[Turn List]	
	[Where am I?]	
	[Turn by Turn]	
	[Fuel Economy]	
	[ECO Drive Report]	

Menu item			Action
[Map Preferences]	[Map View]	[North Up]	Select one of the map views to be applied to the map screen.
		[Heading Up]	
		[Birdview (3D)]	
	[Long Range Heading Up]		The position of the vehicle icon can be changed to view a wider area in the traveling direction. The vehicle icon is located slightly lower than the center of the screen. Long Range Map View is available only when the map view is “Heading Up”.
	[Map Color]		Select a preferred map color.
	[Map Text Size]	[Large]	Sets the font size.
		[Medium]	
		[Small]	

Menu item			Action
	[Birdview Angle]		Adjusts the Birdview™ angle.
	[Auto North Up]		Sets the top of the map to remain oriented to the north.
	[Show FWY Exit]		Sets the display of the freeway exit information icon on/off.
	[Automatic Display in Fwy Mode]		The turn list can be set to on or off to be displayed automatically while driving on a freeway.
	[Names Displayed on Map]	[Place Names]	Allows place names to be displayed on the map screen.
		[POI Names]	Allows facilities names to be displayed on the map screen.
		[Road Names]	Allows road names to be displayed on the map screen.
	[Left Split Map Settings]	[Left Side Map Orientation]	The map view for the left side of split screen can be selected from North Up or Heading Up.
		[Long-Range Driving Direction]	Allows the map view for the left side of the split screen to change the position of the vehicle icon so that a wider area in the traveling direction can be viewed. The vehicle icon is located slightly lower than the center of the screen.

SETTING INFORMATION ON MAP

Some information on the map can be displayed or hidden.

DISPLAYING FACILITY ICONS

The facility icons can be displayed or hidden by type.

1. Push **<SETTING>**.
2. Touch [Navigation].
3. Touch [POI Icons Displayed on Map].
4. Touch the preferred icon. The indicator of the selected icon illuminates.

INFO:

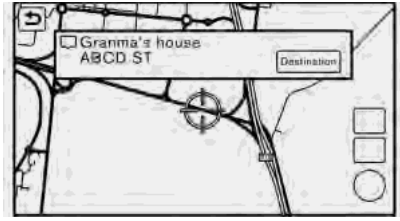
- **The map icons are not displayed on the map screen when the map scale is set to 1/4 mile (500 m) or higher in the 2D and Birdview™ map.**
- If brand icons are registered in the map data, the brand they will be displayed on the map instead of the general map icons listed.

Available setting icon

- : Restaurant
- : Gas Station
- : Hotel
- : ATM
- : Rest Area

DISPLAYING MAP SCROLLING INFORMATION

Information about the location, on which the center of the cross pointer is placed by scrolling on the map, can be set to be displayed.



1. Push **<SETTING>**.
2. Touch [Navigation] and touch [Other Settings].
3. Touch [Map Scrolling Information].
4. Touch the preferred information item.

   The following information items are available.

   - [Stored Location Icon Info]
   - [Destination/Waypoint Icon Info]
   - [Latitude/Longitude Info]

ROAD COLOR

The road types are differentiated by color.

Freeway: Red or light red (zoomed in)

Main road: Brown or dark yellow

Narrow street: Gray

Road with incomplete map data: Dark green

TRAFFIC INFORMATION ON MAP

With a subscription to the SiriusXM Traffic, traffic information is displayed.

☞ “Traffic information on map” (page 7-6)

Free Flow: Green arrow

Moderate traffic: Yellow arrow

Heavy traffic: Red

Section affected by serious traffic event: Purple

The following traffic information icons may be displayed

: Accident

: Closed road

: Information

: Road work

: Slippery road

: Weather

: Incident

4 Setting destination

Changing region 4-2
Specifying state/province 4-2
Specifying city 4-2
Destination screen 4-3
Finding address 4-7
Finding points of interest 4-8
Searching by a landmark name 4-8
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Setting home as destination 4-10
Finding nearby place 4-11
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Moving location of destination 4-19

CHANGING REGION

When setting a destination, the location can be narrowed down by specifying the region or city.

SPECIFYING STATE/PROVINCE

The state to be searched will be changed when searching for a destination by entering an address: [Street Address], [Points of Interest] or [Intersection], etc.

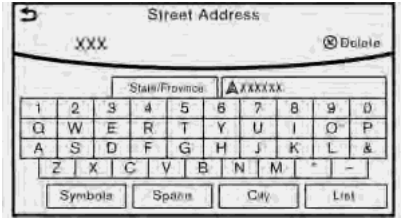
1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch the key of the desired search method to be set.
4. Touch [State/Province:].
5. Enter the name of the state and then touch [List]. A list screen is displayed.
6. Touch the preferred region from the list. After setting, the display automatically returns to the Destination screen.

INFO:

- It is not possible to search for a route from the continental United States to Hawaii.
- When the system is restarted, it sets the state to that automatically detected by the GPS.
- When display State/Province input screen, touch [Country] to change the country.

SPECIFYING CITY

When searching for a destination, the search can be narrowed down by specifying the city.



1. Touch [City]. A character input screen is displayed.
2. Enter the name of the city and then touch [List]. A list screen is displayed.

INFO:

- The same screen will be displayed when a location is searched from a street.
- Touch [Last 5 Cities] to display the last five cities set as destinations.
- Touch [All Cities] to display the all cities in the current state/province.

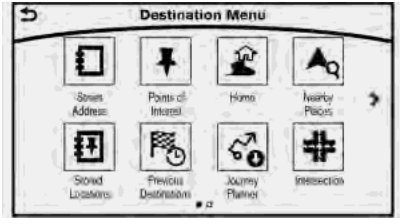
3. Touch the city of the destination from the list.

INFO:

The number of matches are displayed to the left of the entry results. In some cases, the number of matches displayed on the screen and in the list may differ. If this occurs, enter more characters to further reduce the number of matches.

DESTINATION SCREEN

There are several methods that can be used to set a destination. Understand the advantages of each method and select the best method for finding and setting a preferred destination.



Step	Setting item		Action
Push **<NAVI>**.	[Street Address]		Searches for a destination by address. ☞ “Finding address” (page 4-7)
	[Points of Interest]		Searches for a destination from various categories of businesses or locations. ☞ “Finding points of interest” (page 4-8)
	[Home]		Searches for a route from the current location to the previously stored home destination. ☞ “Setting home as destination” (page 4-10)
	[Destination Menu]	[Street Address]	Searches for a destination by address. ☞ “Finding address” (page 4-7)
		[Points of Interest]	Searches for a destination from various categories of businesses or locations. ☞ “Finding points of interest” (page 4-8)

Step	Setting item		Action
		[Home]	Searches for a route from the current location to the previously stored home destination. ☞ “Setting home as destination” (page 4-10)
		[Nearby Places]	Searches for points of interest near the current vehicle location, such as restaurants and charging stations, etc. ☞ “Finding nearby place” (page 4-11)
		[Stored Locations]	Searches for a destination from the list of the stored locations. ☞ “Searching from Stored Locations” (page 4-11)
		[Previous Destinations]	Sets the previous starting point as the destination. Searches for the destination from the previous destinations. ☞ “Searching from history” (page 4-12)
		[Journey Planner]	Sets a route plan downloaded from the NISSAN Owner’s Portal Website. ☞ “Using Journey Planner” (page 4-12)
		[Intersection]	Searches for a destination from an intersection. ☞ “Setting intersection” (page 4-13)
		[Freeway Entrance/Exit]	Searches for a destination from a freeway entrance/exit. ☞ “Setting freeway entrance/exit” (page 4-14)
		[City Center]	Sets the center of a city as the destination. ☞ “Setting city center” (page 4-14)
		[Phone Numbers]	Searches for a point of interest by a telephone number. ☞ “Setting by phone number” (page 4-15)
		[Stored Routes]	Selects a stored route. ☞ “Setting from stored routes” (page 4-15)
		[Connected Search]	Input a keyword of a point of interest and connect and search the NissanConnect^{SM} Services Data Center. ☞ “Searching by connecting Data Center” (page 4-16)

Step	Setting item		Action
Scroll map and touch [≡].	[New Destination]		Set a location scrolled to on the map as the destination
Push **<INFO>**.	[NissanConnect Services]	[Connect to Voice Menu]	Connects to the NissanConnect℠ Services Interactive Voice Menu.
		[Sync All Feeds]	Updates information list by connecting to the NissanConnect℠ Services Data Center.
		[Connected Search]	Input a keyword of a point of interest and connect and search the NissanConnect℠ Services Data Center. ☞ "Searching by connecting Data Center" (page 4-16)
		[Send to Car]	Search for a location using Google maps, and download the information to set the destination via the NissanConnect℠ Services Data Center. ☞ "Using Google send-to-car" (page 4-17)
		[Destination Send to Car]	Search for destinations from a point of interest (POI) database accessed within the NissanConnect℠ portal website. ☞ "Using Destination Send to Car" (page 4-17)
		[Journey Planner]	Sets a route plan downloaded from the NISSAN Owner's Portal Website. ☞ "Using Journey Planner" (page 4-12)
		[History]	The information feeds that were previously referred to are displayed.

Push IVR soft button. Speak your choice, or ask the NissanConnect℠ Services Response Specialists directly to search for your destination.	Set the destination with the assistance of a NissanConnect℠ Services Response Specialist.

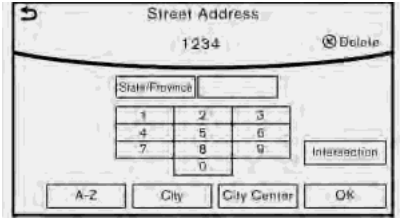
INFO:

- If the route is already set, the selected location becomes a waypoint.
- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Address Book, etc.
  ☞ “Procedures after setting route” (page 4-18)
- The destination can be deleted.
  ☞ “Canceling Route” (page 5-7)

FINDING ADDRESS

Searches for a destination by address.

1. Push **<NAVI>**.
2. Touch [Street Address]. A number input screen is displayed.



3. Input the street address.
   - When [City] is selected , a city can be specified by typing the city name.
   - When [City Center] is touched while a city is selected, the center of the city becomes the target of the search.
   - Touch [Intersection] to enter the intersection.
   - If the house number is not available, touch [No House #].
4. When information about house number, street, city, and state are entered, the destination is proposed on the display. Touch [OK].

INFO:

- Touch [State/Province:] or [City] to narrow down the specified region and city.
  ☞ “Changing region” (page 4-2)

5. Enter the name of the street. After finishing the entry, touch [List]. A list of streets is displayed.
6. Touch the street of the destination from the list.

INFO:

Touch [⮌] to return to the previous screen.

7. Touch [Start] to start route guidance.

INFO:

- The [Street Address] can also be set by pushing **<NAVI>** and then touching [Destination Menu].
- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Address Book, etc.
  ☞ “Procedures after setting route” (page 4-18)

Voice command

1. Push **< 🎤 >** located on the steering-wheel.
2. After the tone sounds, speak a command.

To searches for a destination by address:

“Navigation”, "Street Address"

FINDING POINTS OF INTEREST

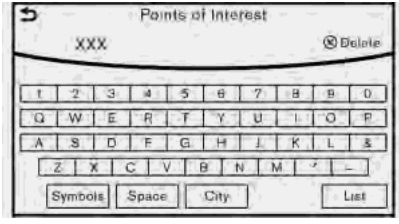
This allows you to find a facility by name or by category. Specify the region and city of the destination to find it more quickly.

NOTE:

Locations and business hours of facilities are subject to change, which may not be reflected in the map data. Double-check this information before you go to an emergency facility to ensure that you can receive the proper support. Otherwise, you may not receive emergency help when you arrive at the destination.
A confirmation message also appears on the navigation screen. Follow the displayed instructions and check the items required.

SEARCHING BY A LANDMARK NAME

1. Push **<NAVI>**.
2. Touch [Points of Interest].
3. Touch [Spell Name]. A character input screen is displayed.



INFO:

Touch [City] and touch [Last 5 Cities] to display the last five cities recently set as destinations.

4. Enter the name of the destination facility. After finishing the entry, touch [List]. A list screen is displayed.
5. Touch the preferred destination facility from the list.

Narrow down conditions:

- [Sort]:

— [By Distance]:

Shows a list of facilities that are near the current vehicle location.

— [By Name]:

Shows a list of facilities sorted alphabetically by name order.

- [By Category]:

Display the list that summarizes the entered names into categories. Select the category to narrow down the search. Touch [Show Related] to display the related facility on the narrowed down category list.

- [City/Area]:

— [Within a City]:

Input the city to narrow down the target city.

— [Near Destination]:

When the destination is set, this indicates a list of facilities around the destination.

— [Show Along Route]:

The system displays the facilities located along the route.

INFO:

- Touch [ⓘ] in the list screen to display the detailed information about the POI that is selected. Touch [Call] to make a call to the facility.

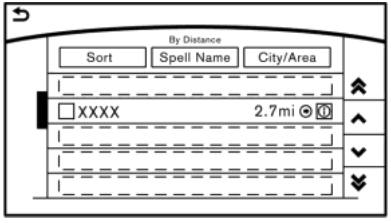
6. Whole route map is displayed. Touch [Start] to start route guidance.

INFO:

- The [Points of Interest] can also be set by pushing **<NAVI>** and then touching [Destination Menu].
- If [Space] is touched and a keyword is inputted, a search will be possible after entering two or more words.
- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Stored Locations, etc.
  ☞ "Procedures after setting route" (page 4-18)

SEARCHING FROM THE LANDMARK CATEGORY

1. Push **<NAVI>**.
2. Touch [Points of Interest]. The main category menu is displayed.
3. Touch the main category. The subcategory list is displayed.
4. Touch the subcategory. A list screen is displayed.



Narrow down conditions:

- [Sort]:
  - — [By Distance]:
    Shows a list of facilities that are near the current vehicle location.
  - — [By Name]:
    Shows a list of facilities sorted alphabetically by name order.
- [Spell Name]:
  Enter the facilities name to narrow down the search.
- [City/Area]:
  - — [Within a City]:
    Input the city to narrow down the target city.
  - — [Near Destination]:
    When the destination is set, this indicates a list of facilities around the destination.
  - — [Show Along Route]:
    The system displays the facilities located along the route.

5. Touch the preferred destination facility from the list.
   Touch [Start] to start route guidance.

INFO:

- After setting a destination, the location of the destination can be adjusted.
  ☞ "Procedures after setting route" (page 4-18)
- If the nearest POI cannot be searched, a message asking whether to search from an extended area will be displayed. When [Yes] is selected, the system starts to search for

POI in a wider area.

SETTING HOME AS DESTINATION

The home location can be set as the destination if the home location is stored in advance. This function is especially useful when searching for a route to return to the home location.

1. Push **<NAVI>**.
2. Touch [Home].
3. The home location is displayed, and the system sets the home location as the destination.

INFO:

If the home location is not stored yet, the system will automatically display a screen for storing it.
☞ “Storing home location” (page 6-2)

4. Touch [Start] to start route guidance.

INFO:

The [Home] can also be set by pushing **<NAVI>** and then touching [Destination Menu].

Voice command

1. Push **<** **>** located on the steering-wheel.
2. After the tone sounds, speak a command.

To set the home location as the destination:

“Home”

FINDING NEARBY PLACE

A facility located near the current vehicle location or another location that you move to by scrolling the map can be set as the destination. This allows you to set the destination to a facility located near the current vehicle location or another location that you move to by scrolling the map.

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [Nearby Places]. The category list is displayed.
4. Select [RESTAURANT] for example.
5. Select preferred category from the sub category list.
6. Touch the preferred destination from the list. The position of the selected location is displayed in the preview.

INFO:

- If the suggested route is already set, by touching [Show Along Route], the system displays only the facilities located along the route.
- A maximum of 100 facilities can be displayed on the list screen.

7. Touch [Start] to start route guidance.

INFO:

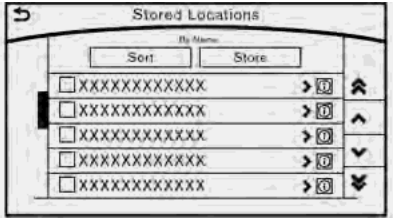
You can also set the destination by touching [≡] when scrolling the map and selecting [Nearby Places] from the shortcut menu.

SEARCHING FROM STORED LOCATIONS

Storing frequently used destinations in the Address Book makes it easy to set a destination. Locations should be stored in the Address Book before using this function.

☞ “Storing location” (page 6-2)

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [Stored Locations].



4. Touch the preferred location from the list.

INFO:

- Selecting [Sort] displays a list of various sort functions.

— [By Number]:
The Address Book entries are displayed in ascending numerical order.

— [By Name]:
The Address Book entries are displayed in alphabetic order.

— [By Icon]:
By selecting a particular icon, a list that contains only the Address Book entries associated with that icon is displayed.

— [By Group]:
By selecting a particular group (family, friends, leisure, etc.), the selected group is displayed at the top of the list.

- When [Store] is touched, a new location can be stored.

5. Touch [Start] to start route guidance.

Voice command

1. Push **<** **>** located on the steering-wheel.
2. After the tone sounds, speak a command.

To set the destination from the Stored Locations:

“ Stored Locations”

SEARCHING FROM HISTORY

A previous destination can be set as the destination.

Up to 100 previous destinations will be automatically stored. If the number of previous destinations exceeds 100, the oldest one will be replaced by the newest one.

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [Previous Destinations]. A list screen is displayed.
4. Touch the previous start point or the previous destination from the list.
5. Touch [Start] to start route guidance.

Voice command

1. Push **<** **>** located on the steering-wheel.
2. After the tone sounds, speak a command.

To display the previous destinations list:

“Previous Destinations”

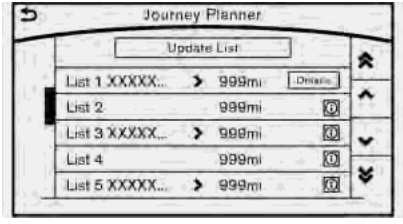
USING JOURNEY PLANNER

It is possible to set the route according to the route plan created in advance by the NISSAN Owner’s Portal Website.

INFO:

Use of NissanConnect℠ Services features is dependent upon a valid subscription and the telematics device being in operative condition, as well as cellular connectivity, navigation map data and GPS satellite signal reception being available.

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [Journey Planner]. The system will connect to the NissanConnect℠ Services Data Center and display the Journey Planner list screen.



4. Select the preferred route plan from the list.

INFO:

- Touch [Update List] to update the list information.
- Touch [Details] to preview the route.
- Touch ⓘ to display facility information.

5. The selected route plan is displayed. Touch [Start] after confirming the location of the displayed destination.

INFO:

- The Journey Planner can also be set by pushing **<INFO>** and then touching [NissanConnect Services].
- Journey Planner is a NissanConnect℠ Services feature. Subscription is required to use the NissanConnect℠ Services.
- Journey Planner cannot be used if [Decline] is touched on the Start-up Screen.
- Refer to the NISSAN Owner's Portal Website for how to set the destination using Journey Planner.

SETTING INTERSECTION

It is possible to set an intersection of any two streets as the destination and have the system calculate a route.

1. Push **<NAVI>**.
2. Touch [Destination Menu] and touch [Intersection].
3. The first street input screen is displayed.

INFO:

Touch [State/Province], [Country] or [City] to narrow down the specified country and city.

4. Enter the name of the first street. After finishing the entry, touch [List]. A list screen is displayed.

INFO:

If the country or city is changed after selecting the first street, the first street that was selected will be canceled.

5. Touch a street as the first street from the list.
6. The second street input screen is displayed.
7. Enter the name of the second street. After finishing the entry, touch [List]. A list screen is displayed.

INFO:

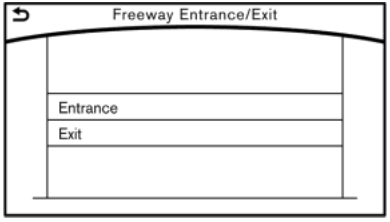
Touch [Map] on the list to preview the location of the selected junction.

8. Touch a street as the second street from the list.
9. Whole route map is displayed. Touch [Start] to start route guidance.

SETTING FREEWAY ENTRANCE/ EXIT

It is possible to set the destination to an entrance or exit of a freeway.

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [Freeway Entrance/Exit]. A character input screen is displayed.
4. Enter the name of the freeway. After finishing entry, touch [List].
5. Touch the preferred freeway.



6. Touch [Entrance] /[Exit]. A list screen is displayed.
7. Touch the preferred destination from the list. The selected location is displayed in the preview.

INFO:

Touch [Sort] and touch [By Distance] to sort the list by the nearest distance. Touch [By Road No.] to sort by the road no.

8. Touch [Start] to start route guidance.

SETTING CITY CENTER

It is possible to set the center of a specified city as a destination.

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [City Center]. A character input screen is displayed.
4. Enter the name of the city and touch [List]. A list screen is displayed.

INFO:

Touch [Last 5 Cities] to display the last five cities recently set as destinations.

5. Touch the preferred destination from the list.

INFO:

Touch [Map] to preview on the display.

6. The selected destination is displayed. Touch [Start] after confirming the location of the displayed destination.

SETTING BY PHONE NUMBER

If the phone number of a facility is known, it is possible to search for a facility by entering the phone number.

INFO:

- If the area code of the specified telephone number does not exist in the map data, the system cannot search for the location.
- Only the locations included in the database in the map data can be searched for by phone number. Residential phone numbers cannot be used to search for a location.

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [Phone Numbers]. The telephone number input screen is displayed.
4. Enter the telephone number including the area code. After finishing entry, touch [OK].

INFO:

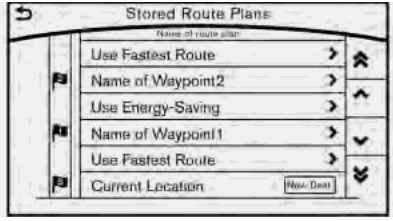
A list screen is displayed if there are two or more search results. Touch the preferred destination from the list.

5. The selected destination is displayed. Touch [Start] after confirming the location of the displayed destination.

SETTING FROM STORED ROUTES

It is possible to select a preferred route from the stored routes.

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [Stored Routes]. A list screen is displayed.
4. Touch the preferred route from the list.



5. The stored route is displayed, touch [New Dest.].
6. The entire route is shown on the map. Touch [Start] to start route guidance.

INFO:

- The stored route only includes locations (destination and waypoints) and route calculation conditions, not the route itself. Therefore, when the destination is set using a stored route, a different route may be suggested if the current vehicle location is different from the one when the route was stored.

SEARCHING BY CONNECTING DATA CENTER

It is possible to find a point of interest by inputting a keyword and connecting to the NissanConnect^{SM} Services Data Center. The searched location can be set as a destination.

INFO:

Use of NissanConnect^{SM} Services features is dependent upon a valid subscription and the telematics device being in operative condition, as well as cellular connectivity, navigation map data and GPS satellite signal reception being available.

1. Push **<NAVI>**.
2. Touch [Destination Menu].
3. Touch [Connected Search].
4. Enter the keyword and touch [Search]. The system will connect to the NissanConnect^{SM} Services Data Center and the search results will be displayed.
5. Touch the preferred destination from the list.

INFO:

- Touch [info] to display the facility information.
- Touch [Details] to display the information feeds screen.
  ☞ “Screen information” (page 7-20)

6. The entire destination is shown. Touch [Start] to start route guidance.

INFO:

The Connected Search can also be set by pushing **<INFO>** and then touching [NissanConnect Services].

SETTING BY NISSANCONNECT[SM] SERVICES

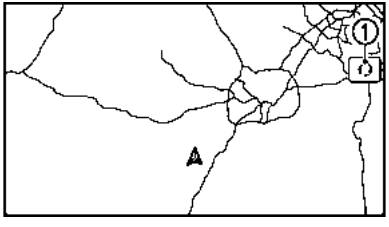
It is possible to set the destination using the NissanConnect[SM] Services features.

☞ "NissanConnect[SM] Services" (page 7-14)

INFO:

Use of NissanConnect[SM] Services features is dependent upon a valid subscription and the telematics device being in operative condition, as well as cellular connectivity, navigation map data and GPS satellite signal reception being available.

SEARCHING BY USING IVR SOFT BUTTON ON MAP



It is possible to set a destination by touching the IVR (Interactive Voice Response) soft button ① on the map. You can choose from the options provided by the voice guidance and speak your choice, or ask the NissanConnect[SM] Services Response Specialists directly to search for your destination.

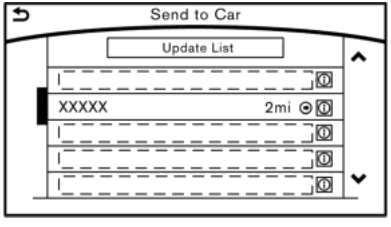
☞ "Connecting to Interactive Voice Menu" (page 7-18)

USING GOOGLE SEND-TO-CAR

It is possible to search for a location using Google maps, and to download the information to set the destination via the NissanConnect[SM] Services Data Center.

1. Push **<INFO>**.
2. Touch [NissanConnect Services].
3. Touch [Send to Car].

   The system connects to the NissanConnect[SM] Services Data Center and the destination list is downloaded.



4. Select the preferred destinations from the list. The position of the selected location is displayed in the preview.

INFO:

Select [Update List] to update the list information.

5. Touch [Start] to start route guidance.

INFO:

Refer to the NISSAN Owner's Portal Website for the destination setting using Google send to car.

USING DESTINATION SEND TO CAR

Destination Send to Car enables you to search for destinations from a point of interest (POI) database accessed within the NissanConnect[SM] portal website.

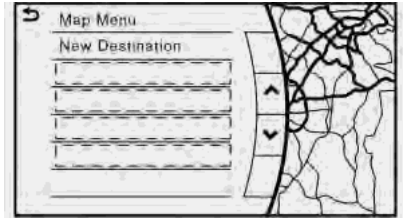
1. Push **<INFO>**.
2. Touch [NissanConnect Services].
3. Touch [Destination Send to Car].
4. Select preferred folder.
5. Select preferred channel. The list of destinations which you set at the NissanConnect[SM] portal website is displayed.
6. Select preferred destination from the list.

INFO:

Select [Update List] to update the list of point of interest.

SETTING POINT ON MAP

It is possible to set a location scrolled to on the map as the destination and have the system calculate a route.



1. Scroll the map, place the cross pointer over the preferred location, and touch [≡].

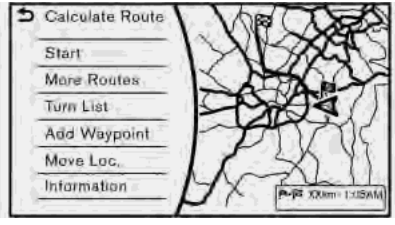
INFO:

- The point on the blinking road where the center of the cross pointer is located can be set as a destination.

2. Touch [New Destination].
3. The entire route is shown. Touch [Start] to start route guidance.

PROCEDURES AFTER SETTING ROUTE

The system sets the destination to the selected location and starts calculating a route. After performing a route search, route guidance can be started. Also, it is possible to confirm or change a route.



Available items after setting route

- [Start]:
  Starts route guidance to the selected destination.

INFO:

If no operations have been performed on the system for several seconds, [Start] is automatically selected, and the system starts route guidance. When the vehicle is being driven, [Start] is automatically selected and the system

will start the route guidance function.

- [More Routes]:
  Route conditions for route calculation can be changed.
  The routes may not always be different.
  — [Fastest Route] :
  Prioritizes the shortest time.
  — [Energy-Saving] :
  Energy-Saving route.
  — [Shortest Distance] :
  Prioritizes the shortest distance.
- [Turn List]:
  Display the turn list.
- [Add Waypoint]:
  Allows you to edit the route by adding a destination or waypoint.
  — If a waypoint is added, three alternative routes cannot be selected.
  — If a destination is added, the prior destination becomes a waypoint.
  — It is possible to edit or add a destination or waypoints to the route that is already set.
  ☞ “Editing route” (page 5-8)
- [Move Loc.]
  The location of the destination or waypoint can be adjusted by moving the cross pointer across the map.
  ☞ “Moving location of destination” (page 4-19)
- [Information]:
  Allows you to store the destination. If there is information about the destination (street address and phone number) stored in the map data, it can also be displayed.

MOVING LOCATION OF DESTINATION

The location of the destination can be adjusted by moving the cross pointer across the map.

1. After setting destination, touch [Move Loc.].
2. Touch map screen. A map screen with the destination located on the map center is displayed.
3. Adjust the location by moving the cross pointer across the map and touch [OK]. The location of the destination is modified.

INFO:

- The screen for adjusting the location also changes when the map screen displayed on the right side of the screen is touched.
- The map scale can be changed.
  ☞ “Changing scale of map” (page 3-6)

MEMO

5 Route guidance

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ABOUT ROUTE GUIDANCE

After setting the route, select [Start] to start route guidance.

Throughout route guidance, the system navigates you through the guide points using visual and voice guidance.

CAUTION

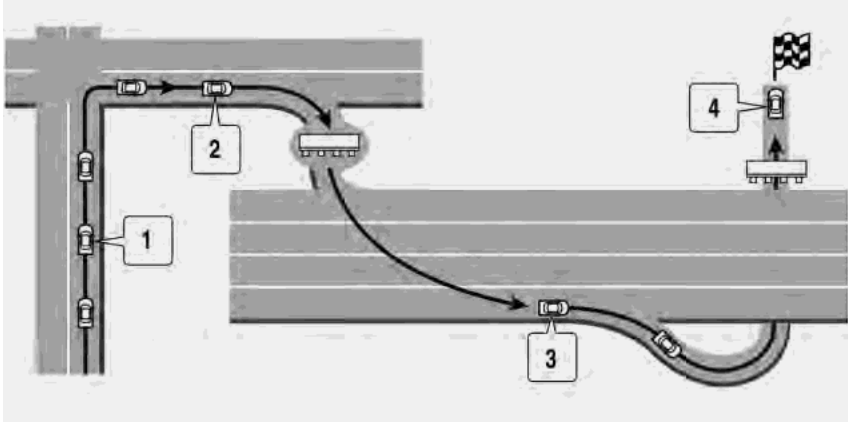
- **The navigation system's visual and voice guidance is for reference purposes only. The contents of the guidance may be inappropriate depending on the situation.**
- **Follow all traffic regulations when driving along the suggested route (e.g., one-way traffic).**
  "Route guidance" (page 9-8)

VOICE GUIDANCE DURING ROUTE GUIDANCE

Basics of voice guidance

Voice guidance announces which direction to turn when approaching an intersection for which a turn is necessary.

Example of voice guidance



① "In about one quarter mile (400 meters), right (left) turn."

"Right (left) turn ahead."

② "In about one quarter mile (400 meters) freeway entrance on your right onto (road number and direction)."

"Freeway entrance on your right onto (road

number and direction).”

③ “In about one mile (two kilometers), exit on your right.”

“Exit on your right.”

④ “You have arrived at your destination. Ending route guidance.”

Directions will differ, depending on the road type.

INFO:

- Distances may vary, depending on the vehicle speed.
- There may be some cases in which voice guidance and actual road conditions do not correspond. This may occur because of discrepancies between the actual road and the information on the map data, or may also be due to the vehicle’s speed.
- In case voice guidance does not correspond to the actual road conditions, follow the information obtained from traffic signs or notices on the road.
- Route guidance provided by the navigation system does not take carpool lane driving into consideration, especially when carpool lanes are separated from other road lanes.
- The system will only announce street names when the system language is set to English. Street names are not announced when the system is set to French or Spanish.
- When approaching a guide point (intersection or corner), destination, etc. during route guidance, voice guidance announces the remaining distance and/or turning direction.

Repeating voice guidance

This function is available throughout route guidance, from the time after the route calculation is completed until the vehicle arrives at the destination. Push **<VOICE>**. Voice guidance will be repeated.

INFO:

- If **<VOICE>** is pushed when the vehicle is deviating from the suggested route and when the automatic reroute function is off, voice guidance will announce, “Proceed to the highlighted route.”
- If **<VOICE>** is pushed when the vehicle is going in the wrong direction, the system will announce a route to allow you to resume the route set with voice guidance.

Notification when approaching destination

Ordinary road:

When approaching the destination, voice guidance will announce, “You have arrived at your destination. Ending route guidance.” To reach your final destination, refer to the map screen.

Dark green road:

After passing the last turning point on a suggested route, voice guidance will announce, “The route to your destination includes roads through incomplete map areas. Voice guidance will not be provided in these areas.” When approaching the endpoint of the suggested road, voice guidance will announce, “Entering the road with incomplete map data. Please use the direction arrow and distance information to proceed to your destination.”

Notes on voice guidance

- Voice guidance in this system should be regarded as a supplementary function. When driving the vehicle, check the route on the map and follow the actual roads and traffic regulations.
- Voice guidance is activated only for intersections with certain conditions. There may be cases where the vehicle has to turn, but

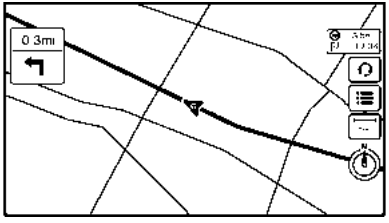
voice guidance is not provided.

- Voice guidance contents may vary, depending on the direction of the turn and the type of intersection.
- The voice guidance timing will vary depending on the situation.
- When the vehicle has deviated from the suggested route, voice guidance is not available. The system will not announce this. Refer to the map and recalculate the route.
  ☞ “Recalculating route” (page 5-11)
- Voice guidance may not accurately correspond with road numbers and directions at freeway junctions.
- Voice guidance may not accurately correspond to street names at freeway exits.
- The displayed street names may sometimes differ from the actual names, or “UNKNOWN STREET NAME” may be displayed.
- Voice guidance is not available when the [Voice Guidance] is turned off.
  ☞ “Volume settings” (page 7-28)
- Voice guidance will start when the vehicle enters the suggested route. Refer to the map for directions to the starting point of the route.
- When approaching a waypoint, voice guidance will announce, “You have arrived at waypoint 1 (2, 3, 4,...).” Voice guidance will switch to the next section of the route. When voice guidance is not available, refer to the map for directions.
- In some cases, voice guidance ends before arrival at the destination. Refer to the destination icon on the map to reach the destination.
- If the system recognizes on which side the destination (waypoint) is located, voice guidance will announce “on the right/left” after announcing the arrival at the destination.
- Voice guidance may be partially operational or inoperative due to the angle of roads at an intersection.
- Because freeway lane information is available only for approximately 7,000 major freeways in North America, it is not possible to display information for all junctions and exits.
- Freeway exit information may differ from the information on the actual exit signs.
- Because it is not possible to consider data concerning roads that are seasonally available or unavailable, a route may be displayed that does not match the actual traffic restrictions. Be sure to follow the actual traffic restrictions while driving.
- Canada and Alaska contain many roads with incomplete map data. As a result, when searching for a route, the route may include roads with incomplete data. In regions where road data is not complete, voice guidance may stop for long periods of time. Be sure to follow the actual traffic restrictions while driving.

ROUTE GUIDANCE SCREENS

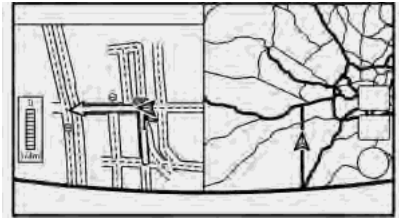
Various guidance screens are displayed during route guidance.

Route guidance on map screen



When route guidance starts, the small turn arrow on map is displayed in the upper left corner of the map screen. This arrow indicates the turning direction at the next guide point (corner or intersection). The distance is also displayed. At the top of the screen, the distance to the next guide point and the name of the next street to turn on to are displayed. Also, there may be cases where next street names are announced.

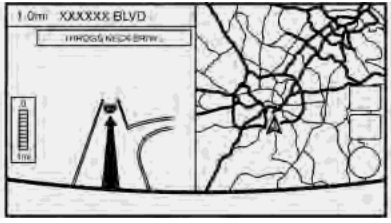
Enlarged intersection view



When approaching a guide point, the system automatically changes to the split screen and shows an enlarged view of the intersection on the left screen. To switch to the previous screen while the enlarged intersection view is displayed, push **<MAP>**.

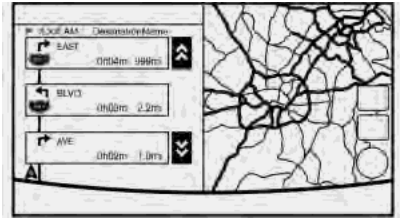
Depending on the setting, the system can constantly display the split screen as the display view screen.

Junction guidance



While driving on a freeway, when the vehicle is approximately one mile (approximately two km) from a junction, the system automatically switches to the split screen and displays an enlarged view of the junction on the left screen. After passing the junction, the system automatically returns to the full screen mode. To switch to the previous screen while the enlarged junction view is displayed, push **<MAP>**.

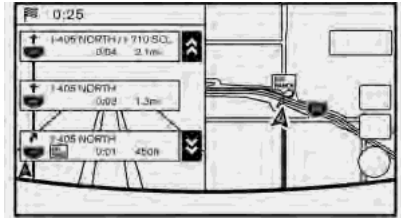
Turn list



When approaching a guide point, the left screen automatically switches to an enlarged view of the intersection. To switch to the previous screen push **<MAP>**.

Depending on the setting, the system can constantly display the split screen as the display view screen.

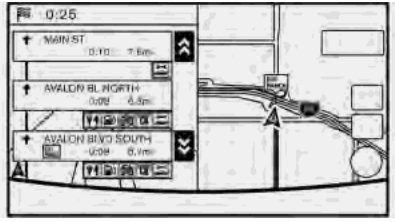
Showing freeway exit information



When [Show FWY Exit] is set to ON and the route includes a freeway or toll road, all exits along the route which have exit information will be shown in the turn list. The exit information is shown as icons.

Selecting a waypoint from the exit information list

When exit information is displayed on the turn list, a waypoint to a facility located near the freeway exit can be set as a waypoint. The facility categories that are not shown with an icon cannot be selected.



1. Touch the exit where the exit information icon is displayed. The category list screen is displayed.
2. Touch the landmark category. The list screen for showing facilities located near the freeway exit is displayed.

INFO:

The facility categories that are not shown with an icon cannot be selected.

3. Touch the preferred facility for the waypoint.
4. The waypoint is set, and the route search is performed.

“Procedures after setting route” (page 4-18)

GUIDANCE SCREEN SETTINGS

The guidance screen can be displayed at all times even when the vehicle is located away from the guide point. Various types of screens can be set.

☞ “Display View Bar” (page 2-8)

CANCELING ROUTE

It is possible to delete a destination and all waypoints that have already been set.

1. Push **<NAVI>**.
2. Touch [Cancel Route].
3. A confirmation message is displayed.

   The destination and the waypoints are deleted.

INFO:

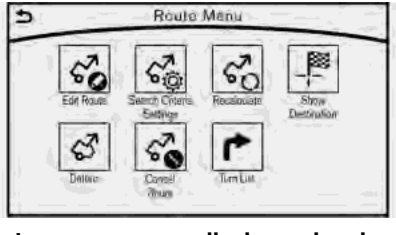
- The [Cancel Route] can also be set by pushing **<NAVI>** and then touching [Route Menu].
- The deleted destination and waypoints cannot be reactivated.

ROUTE MENU SCREEN

WARNING

Always stop the vehicle in a safe location before modifying the route conditions. Modifying the route conditions while driving may cause an accident.

During route guidance, the route conditions can be modified and the route information can be confirmed. Set route conditions according to your personal preference.



Route menu screen display only when a destination is already set.

1. Push **<NAVI>**.
2. Touch [Route Menu].
3. The following items are available.

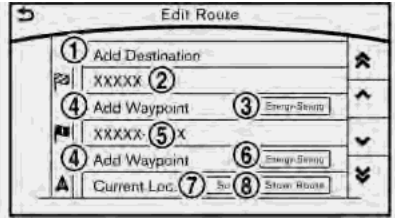
Available settings

- [Edit Route]:
  Edit or add a destination or waypoint to the route that is already set.
  ☞ “Editing route” (page 5-8)
- [Search Criteria Settings]:
  Change the route calculation conditions anywhere along the route.
  ☞ “Route Settings” (page 5-16)
- [Recalculate]
  Manually search for the route again after changing the search conditions and have the system calculate a route.
  ☞ “Recalculating route” (page 5-11)
- [Show Destination]:
  The destination is displayed on the map screen.
- [Detour]:
  A detour of a specified distance can be calculated.
  ☞ “Specified distance based detour” (page 5-12)
- [Cancel Route]:
  The destination and the waypoints on the route are deleted.
- [Turn List]:
  Display the turn list.
  ☞ “Displaying Turn List” (page 5-13)

INFO:

The [Cancel Route], [Turn List] and [Edit Route] can be set only by pushing **<NAVI>**.

EDITING ROUTE



1. Push **<NAVI>**.
2. Touch [Edit Route].
3. Set the preferred conditions.

Available settings

① [Add Destination]
Touch to add a destination.
☞ “Setting destination or waypoint” (page 5-9)

② Current destination:
Changes or deletes the destination.
☞ “Editing/deleting destination or waypoint” (page 5-9)

③ Condition for calculating a route to the destination:
Changes the conditions for calculating a route to the destination.

☞ “Changing route calculation conditions” (page 5-10)

④ [Add Waypoint]
☞ “Setting destination or waypoint” (page 5-9)

⑤ Current waypoint:

Changes or deletes the waypoint.
☞ “Editing/deleting destination or waypoint” (page 5-9)

⑥ Condition for calculating a route to a waypoint:

Changes the conditions for calculating a route to a waypoint.
☞ “Changing route calculation conditions” (page 5-10)

⑦ [Sort]:

Sorts the waypoint and the destination.

⑧ [Store Route]:

Stores route include a destination, waypoints, and route condition. A maximum of five routes can be stored. Stored routes can be easily retrieved and set as the suggested route.

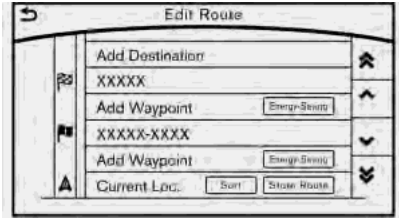
INFO:

The [Edit Route] can also be set by pushing **<NAVI>** and then touching [Route Menu].

SETTING DESTINATION OR WAYPOINT

A destination or waypoint can be added to a route that has already been set. A total of six destinations or waypoints can be set.

1. Push **<NAVI>**.
2. Touch [Edit Route].



3. Touch [Add Destination] or [Add Waypoint].

INFO:

If [Add Destination] is selected, the current destination changes to a waypoint.

4. Set a destination or waypoint. The method of searching for a destination or waypoint is the same as the one for a destination.

☞ “Destination screen” (page 4-3)

5. The system will recalculate the routes.

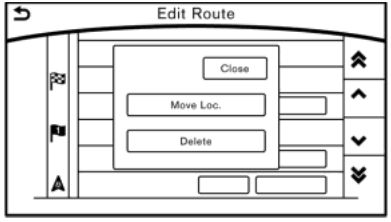
INFO:

The prior route is automatically deleted.

EDITING/DELETING DESTINATION OR WAYPOINT

A destination or waypoint that has already been set can be modified or deleted. If a location is modified or deleted when a suggested route is already set, the prior suggested route will be recalculated accordingly.

1. Touch a destination or waypoint that is already set.



2. Touch the item you would like to set.

Available settings

- [Move Loc.]:
  The location of the destination or way-

point can be adjusted by moving the cross pointer across the map.

- [Delete]:
  A destination or waypoint that has already been set can be deleted.

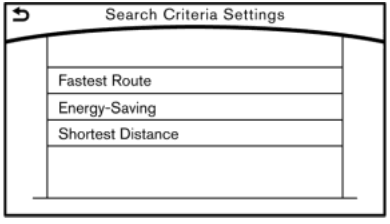
INFO:

If the destination is deleted, the final waypoint of the route becomes the destination.

CHANGING ROUTE CALCULATION CONDITIONS

Each section of the route between waypoints can have different route calculation conditions. After setting these conditions, the entire route can be recalculated.

1. Touch the preferred section of the route to the destination or waypoint.



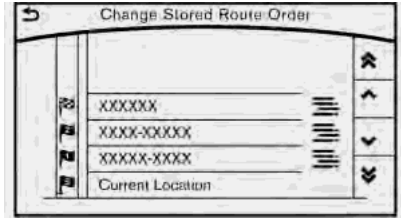
2. Touch the preferred condition.
3. The conditions are changed and the display returns to the Edit Route screen.

INFO:

- The recalculated route may not be the shortest route because the system prioritizes roads that are easy to drive on for safety reasons.

CHANGING ORDER OF DESTINATION AND WAYPOINTS

The order of a destination and waypoints that are already set can be changed.



1. Touch [Sort]. A list of the destination and waypoints is displayed.
2. When [≡] is touched, a chime will sound. Still touching the icon, slide it to the place where you would like to move it.
3. Touch [⮌] to apply the change.

RECALCULATING ROUTE

A route can be manually searched again after changing the search conditions.

1. Push **<NAVI>**.
2. Touch [Route Menu].
3. Touch [Recalculate]. A message is displayed and the route is recalculated.

INFO:

- When a waypoint has been set on the route, the system will search for only one route, even if route recalculation is performed.
- When the vehicle deviates from the suggested route, the route from the current location to the destination is automatically searched again by the Auto Reroute function.
  ☞ “Route Settings” (page 5-16)

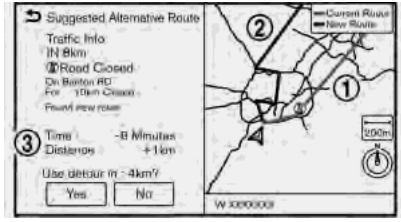
SEARCHING FOR DETOUR ROUTE USING TRAFFIC INFORMATION

There are two methods for setting a detour route: A detour route setting taking traffic information into consideration and a detour route setting specifying the distance

TRAFFIC INFORMATION BASED DETOUR

When a serious traffic event occurs on the route, or if the system finds a faster route, a detour alert will display automatically. If the automatic alert is not noticed, a detour can also be searched for manually.

1. Push **<NAVI>**.
2. Touch [Route Menu].
3. Touch [Detour].
4. Touch [Traffic Detour].



5. When the detour search is successful, detailed information about the detour route and the comparison screen of the two routes are displayed.
   ① Original route (blue)
   ② Detour route (purple)
   ③ The change of distance and estimated travel time to destination when the detour route is taken.
6. To accept the suggested detour route, touch [Yes].

INFO:

- If no route is set, or [Use Traffic Info] is turned off, this function cannot be operated.
- If a detour route is not selected and no further action is performed, the detour route will be automatically canceled.
- The detour suggestion can be retrieved even after the message disappears by manually selecting [Traffic Detour]. The system will then search for the detour again and will suggest a detour if one is available at that time.
- Without a subscription to SiriusXM Traffic, it will not be possible to receive traffic detour

information or apply settings for functions related to traffic information. A message appears when a related menu item is selected.

SPECIFIED DISTANCE BASED DETOUR

To detour from the suggested route, a route detouring for a specified distance can be calculated.

1. Push **<NAVI>**.
2. Touch [Route Menu].
3. Touch [Detour].
4. Touch a detour distance select from 1/2 mile, 1 mile, 3 miles or 5 miles. After calculating the detour, the system displays the detour route on the map.

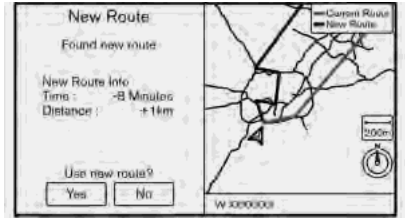
INFO:

- When the vehicle has deviated from the suggested route, [Detour] cannot be selected.
- If the system cannot calculate a detour with the specified conditions the previous suggested route is displayed.
- If the vehicle is traveling very fast, the detour route may start from a location that the vehicle has already passed.

AUTOMATIC DETOUR GUIDANCE

When [Auto Reroute] and [Use Traffic Info] are turned on in the detailed route settings, a message will be displayed automatically when the system finds a detour.

☞ “Route Settings” (page 5-16)



To accept the suggested detour route, touch [Yes].

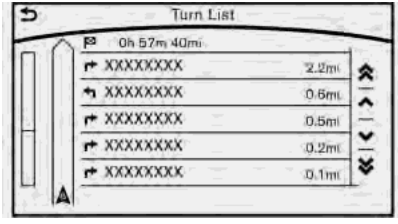
INFO:

- If no operation is performed for one minute after the message is displayed, the message disappears. The detour will not be accepted, and the current suggested route will remain unchanged.
- When [Traffic Announcements] is turned on in the guidance settings, the system will announce voice guidance at the same time that the message appears on the screen.

☞ “Guidance settings” (page 5-14)

DISPLAYING TURN LIST

When approaching a guide point, the left screen automatically switches to an enlarged view of the intersection.



1. Push **<NAVI>**.
2. Touch [Turn List].

INFO:

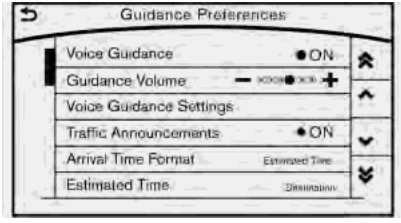
The [Turn List] can also be set by pushing **<NAVI>** and then touching [Route Menu].

ROUTE GUIDANCE SETTINGS

The route search conditions and route guidance can be set.

GUIDANCE SETTINGS

Various guidance information can be set to be played during route guidance and the route and/or voice guidance can be activated or deactivated.



1. Push **<SETTING>**.
2. Touch [Navigation].

Setting item			**Action**
[Guidance Preferences]	[Voice Guidance]		Activates or deactivates voice guidance.
	[Guidance Volume]		Adjusts the volume level of voice guidance.
	[Voice Guidance Settings]		Sets advanced settings for the voice guidance announced or chime at guide points.
		[Turn Point]	Turns on the sound that chimes when a maneuver should be performed.
		[Simple Guide]	The system announces voice guidance twice: “Simple Guidance 1” and “Simple Guidance 2”.
		[Normal Guide]	The system announces voice guidance three times : “Simple Guidance 1”, “Simple Guidance 2” and “Turn Point”.
		[Full Guide]	The system announces voice guidance at all times.

Setting item			Action
	[Traffic Announcement]		Activate/deactivate the traffic announcement. When this item is activated, the system provides an announcement of a traffic information event on the route. The indicator illuminates if traffic announcement is activated.
	[Arrival Time Format]	[Estimated Time of Arrival]	Displays the estimated arrival time.
		[Trip Time Remaining]	Displays the time required to travel to the destination.
	[Estimated Time]	[Destination]	Switches the display of the estimated travel time to the destination or waypoint that is displayed on the map screen. Display of the travel time to the destination.
		[Waypoints]	Display of the travel time to the waypoint.
	[Set Average Speeds]	[Auto]	If set to ON, the system automatically calculates the time required to travel to the destination.
		[Freeway]	Adjust the average vehicle speed on a freeway.
		[Main Road]	Adjust the average vehicle speed on a main road.
		[Town Road]	Adjust the average vehicle speed on a town road.
		[Residential]	Adjust the average vehicle speed in a residential area.
		[Reset Settings]	Sets the average vehicle speeds to the default values.
	[Auto Reroute]		If the vehicle deviates from the suggested route, the system automatically recalculates a route that guides the vehicle to the suggested route.

INFO:

The guidance volume can also be adjusted by turning the audio system volume control button or pushing **<+>/<−>** on the steering-wheel while voice guidance is being announced.

ROUTE SETTINGS

It is possible to set the conditions of the route search.

1. Push **<SETTING>**.
2. Touch [Navigation].

Setting Item				Action
[Route Search Criteria]	[Search Criteria]	[Fastest Route]		Prioritizes using freeway.
		[Energy-Saving]		Prioritizes the route with the lowest fuel consumption.
		[Shortest Distance]		Prioritizes the shortest route.
	[Route Preferences]	[Minimize Toll Roads]		Minimizes the use of toll roads.
		[Use Time Restricted Roads]	[Use Restricted Roads (Recommended)]	Uses any roads subject to time restrictions.
			[Ignore Restrictions]	Does not use any roads subject to restrictions.
			[Avoid Restricted Roads]	Uses roads subject to restrictions sparingly.
		[Use Real Time Traffic Info]		Uses the latest traffic information received via the SiriusXM Traffic broadcast.
		[Use Avoid Area Settings]		Enables the avoid area setting. “Storing avoid area” (page 6-4)

Setting Item			Action
		[Use Ferries]	Includes the use of ferries.
		[Use Learned Routes]	Uses the roads that are most frequently traveled with the help of self-learning technology.
		[Use HOV Lanes]	Uses the HOV lanes.
		[Auto Reroute]	If the vehicle deviates from the suggested route, the system automatically recalculates a route that leads the vehicle to the suggested route.

INFO:

- Only one of these route condition can be utilized at a time.
- The recalculated route may not be the shortest route because the system prioritizes roads that are easy to drive on for safety reasons.
- If route conditions are set from [Search Criteria], all sections in the route are subject to the same route conditions even though different route conditions have been set for different sections in [Edit Route].
- If [Use Time Restricted Roads] is deactivated, the system calculates a route without any consideration of the regulations concerning the time or day of the week. Therefore, the suggested route may include a road subject to traffic regulations concerning the time or day of the week. When driving along the route, always follow all traffic regulations regardless of whether [Use Time Restricted Roads] is set to be considered or not.
- If the system cannot calculate any alternative routes, the previous route is displayed.
- If the vehicle greatly deviates from the suggested route, the system calculates a new route.
- Traffic jam information displayed on the map screen is not statistical traffic information.
- Even when [Use Real Time Traffic Info] is turned on, if traffic information has not been provided for the area, a detour may not always be indicated in a location where a traffic jam occurs.
- The system may not lead to a detour if traffic closure or a traffic jam occurs far from the present location.
- The system calculates to reduce the time required for the entire route from the start to the destination. If there are no appropriate routes, the system may lead to a route where a traffic jam occurs instead of leading to a detour.

MEMO

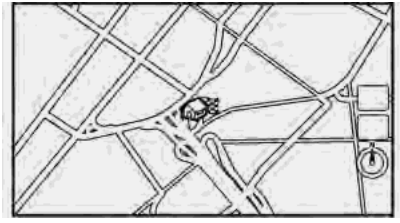
6 Storing a location/route

Storing location 6-2
Storing home location 6-2
Storing location by searching 6-2
Storing location by moving map 6-3
Storing route 6-3
Storing avoid area 6-4
Editing stored information 6-5
Editing stored home and location 6-5
Editing avoid area 6-8
Editing stored route 6-9
Deleting stored item 6-9
Deleting stored item individually 6-10
Deleting individual item on map 6-11
Transferring information to/from address book 6-11

STORING LOCATION

Often visited locations can be stored in the Stored Locations. The stored addresses can be easily retrieved to set them as a destination or waypoint. The Stored Locations can store up to 200 locations.

STORING HOME LOCATION



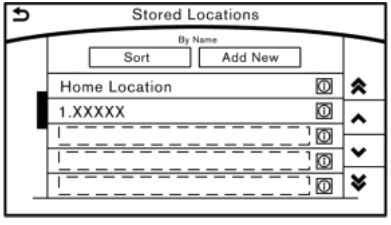
1. Push **<NAVI>**.
2. Touch [Home].
3. If the home location is not registered, the system asks to store it.
4. Set the Home location using the same procedure as setting a destination.
   ☞ “Destination screen” (page 4-3)
5. A message is displayed and the home location is stored.

Other Settings

1. Push **<SETTING>**.
2. Touch [Navigation] and touch [Edit/Delete Stored Locations].
3. Touch [Stored Locations] and touch [Home Location (None)].
4. Touch the appropriate method to set a location. The search methods are the same as for setting a destination.
   ☞ “Destination screen” (page 4-3)
5. Adjust the location of the stored item and edit the contents of the stored item as necessary. After finishing the setting, touch [⮌].

STORING LOCATION BY SEARCHING

It is possible to store a location by searching in various ways.



1. Push **<SETTING>**.
2. Touch [Navigation].
3. Touch [Edit/Delete Stored Locations].
4. Touch [Stored Locations].
5. Touch [Add New].
6. Touch the appropriate method to set a location. The search methods are the same as for setting a destination.
   ☞ “Destination screen” (page 4-3)
7. A message is displayed, and the address of the location is stored in the Stored Locations.
8. Adjust the location of the stored item and edit the contents of the stored item as necessary.
   ☞ “Editing stored home and location” (page 6-5)
9. After finishing the setting, touch [⮌].

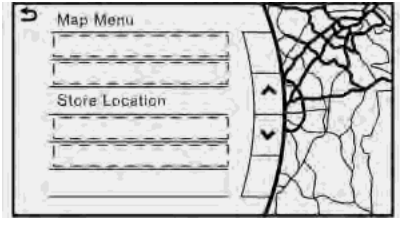
INFO:

- When the location is stored in the Stored Locations, [Stored Locations] can be used to search for the location.
- When 200 store locations are already stored, a new store location cannot be stored until a currently stored store location

is deleted.

STORING LOCATION BY MOVING MAP

1. Move to the preferred location on the map and touch [≡].



2. Touch [Store Location]. Confirm the contents of the message then touch [Yes].
3. The icon representing the stored location is displayed on the map.

INFO:

The address is stored in the first available position number in the Store Location list.

STORING ROUTE

A maximum of five calculated routes can be stored. Stored routes can be easily retrieved and set as the suggested route.

If any waypoints are not set on the route, the route cannot be stored.

1. Push **<NAVI>** and touch [Edit Route].
2. Touch [Store Route]. A confirmation message is displayed. Select [Yes] to store the current route.

Other settings

A route can also be stored using the following procedure.

1. Push **<SETTING>**.
2. Touch [Navigation] and touch [Edit/Delete Stored Locations].
3. Touch [Stored Route Plans].
4. Touch [Store Current Route]. A confirmation message is displayed.
5. Confirm the contents of the message then touch [Yes]. The current route is stored.

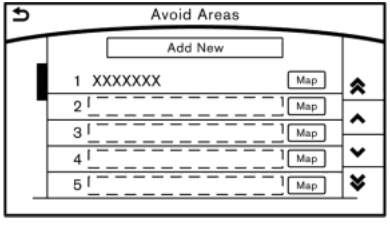
INFO:

- A stored route includes only locations (destination and waypoints) and route calculation conditions, not the route itself.
- The route is stored in the first available position number in the store current route list.
- When five routes are already stored in the address book, a new route cannot be stored until a route is deleted.
  ☞ “Deleting stored item” (page 6-9)

STORING AVOID AREA

An Avoid Area can be stored. The Avoid Area is an area that can be excluded from a route, such as a road that is always congested. Once Avoid Areas are stored, the system avoids those areas when calculating a route. Up to 10 Avoid Areas can be stored.

1. Push **<SETTING>**.
2. Touch [Navigation] and touch [Edit/Delete Stored Locations].
3. Touch [Avoid Areas].



4. Touch [Add New].

   Touch the appropriate method to search for a location.

   ☞ “Destination screen” (page 4-3)
5. Adjust the location edit the contents of the Avoid area as necessary.

   ☞ “Editing avoid area” (page 6-8)
6. After finishing the setting, touch [⮌].

INFO:

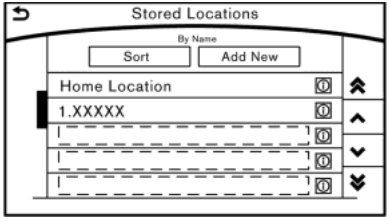
- A maximum of 10 Avoid Areas can be stored. When 10 Avoid Areas are already stored, a new Avoid Area cannot be stored until a currently stored Avoid Area is deleted.

  ☞ “Deleting stored item” (page 6-9)

EDITING STORED INFORMATION

Items stored in the system can be modified. These settings can be edited to make the navigation system more useful.

EDITING STORED HOME AND LOCATION



Step 1	Step 2	Step 3	Step 4	Action
1. Push **<SETTING>**. 2. Touch [Navigation]. 3. Touch [Edit/Delete Stored Locations]. 4. Touch [Stored Locations].	[Sort]			Sort the stored locations.
	[Add New]			☞ “Storing location by searching” (page 6-2)
	[Home Location]	[Edit]	[Move Location]	Adjust the location of the stored location.
			[Phone No.]	Stores the telephone number of the home location.
			[Icon]	Changes the icon of the home to the preferred one.
			[Show Icon on Map]	Displays the home icon on the map.
			[Alarm Sounds]	Sets the tone of the alarm that sounds when the vehicle approaches the home.
			[Alarm Direction]	Sets the alarm to sound when approaching from a specific direction.

Step 1	Step 2	Step 3	Step 4	Action
			[Alarm Distance]	Sets the alarm to sound when reaching a specific distance to the home.
		[Delete]		Delete the stored home location.
	Touch the preferred stored address from the list.	[Edit]	[Move Location]	Adjust the location of the stored location.
			[Name]	Changes the name of a stored location.
			[Phone No.]	Stores the telephone number of a stored location.
			[Icon]	Changes the icon of a stored location to the preferred one.
			[Show Icon on Map]	Displays the icon on the map of a stored location.
			[Group]	Groups the stored locations.
			[Alarm Sounds]	Sets the tone of the alarm that sounds when the vehicle approaches a stored location.
			[Alarm Direction]	Sets the alarm to sound when approaching from a specific location.
			[Alarm Distance]	Sets the alarm to sound when reaching a specific distance to a stored location.
		[Delete]		Delete the stored location.

INFO:

- By changing the icons, the usage of the [By Icon] option of the sort function can be optimized more effectively.
- By grouping the stored addresses, the [By Group] option of the sort function can be used more effectively in the [Sort] mode.
- Once the direction and the distance to sound an alarm are set, the system will sound the alarm when the vehicle enters the triggering zone.

EDITING AVOID AREA

Step 1	Step 2	Step 3	Action
1. Push **<SETTING>**. 2. Touch [Navigation]. 3. Touch [Edit/Delete Stored Locations]. 4. Touch [Avoid Areas]. 5. Touch the preferred Avoid Area from the list.	[Edit]	[Move Location]	Display the Avoid Area, and adjusts the location of the Avoid Area.
		[Rename]	Changes the name of an Avoid Area.
		[Resize Area]	Adjusts the range of the Avoid Area.
		[Minimize Toll Roads]	Sets the route to include or not include freeways.
	[Delete]		Delete an Avoid Area.

INFO:

- Touch [Add New] on the list screen to add a new avoid area.
- Touch [Map] on the list screen to display the avoid area location.
- The Avoid Area is displayed in green if it includes a freeway or in blue if it does not include a freeway.
- If the current vehicle location is set to an Avoid Area, the system will not provide route guidance.

EDITING STORED ROUTE

1. Push **<SETTING>**.
2. Touch [Navigation] and touch [Edit/Delete Stored Locations].
3. Touch [Stored Route Plans].
4. Touch the preferred stored route from the list.

Available setting items

- [Rename]:
  Changes the stored route name.
- [Delete]:
  Delete the stored route.

INFO:

Touch [Store Current Route] to store the current route.

DELETING STORED ITEM

The locations and routes in the Address Book can be deleted. Two deletion methods are available: deleting an individual item and deleting all stored items.

INFO:

- Deleted items cannot be restored. Before deleting an item, always make sure that the item is no longer needed.

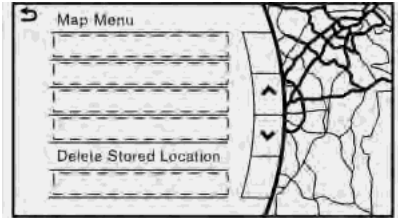
DELETING STORED ITEM INDIVIDUALLY

1. Push **<SETTING>**.
2. Touch [Navigation] and touch [Edit/Delete Stored Locations].

Step 1	Step 2	Step3	Action
[Delete Stored Items]	[Delete Stored Locations]	[Sort]	Sort stored locations in [By Number]/[By Name]/[By Icon]/[By Group].
		[Delete All]	Delete all stored locations.
		[Multi Select]	Delete the selected stored locations. Touch [Select All] to select all stored locations. Touch [Clear All] to reset the selected stored location.
		Stored location list	Touch the preferred item from the list, delete the selected stored location individually.
	[Delete Stored Route Plans]	[Delete All]	Delete all stored routes.
		Touch the preferred item from the list.	Delete the selected stored routes.
	[Delete Avoid Areas]	[Delete All]	Delete all Avoid Areas.
		Touch the preferred item from the list.	Delete the selected Avoid Area.
	[Reset Learned Routes]		Delete the learned routes.

DELETING INDIVIDUAL ITEM ON MAP

1. Align the cross pointer over the preferred stored location for deletion by moving on the map, and then touch [≡].



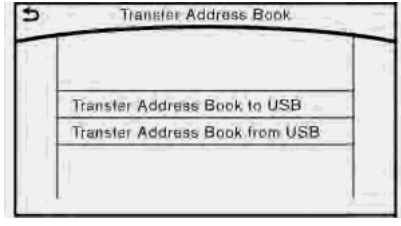
2. Touch [Delete Stored Location]. A confirmation message is displayed.
3. Touch [Yes]. The stored location is deleted from the Stored Locations.
4. Touch [↩] to return to the current location.

TRANSFERRING INFORMATION TO/FROM ADDRESS BOOK

The information of the stored home and addresses can be exported and imported using a USB memory device.

INFO:

A USB memory device can be used to transfer data but it is not possible to edit the data using a personal computer, etc.
Two USB ports are located in the center console box. Refer to the vehicle Owner's Manual for details.



1. Insert a USB memory device and push **<SETTING>** and touch [Navigation].
2. Touch [Edit/Delete Stored Locations] and touch [Transfer Address Book].
3. Touch [Transfer Address Book to USB] or [Transfer Address Book from USB].
4. Touch [All], [Home Location] or [Stored Locations].

NOTE:

Do not remove the USB memory until the system completely imports or exports the data.

INFO:

- If the USB memory already has the data for a stored address, a confirmation message is displayed. Once overwritten, the original data cannot be recovered.

MEMO

7 Information and settings

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INFORMATION SCREEN

The information screen sets or displays various information that is helpful for using the vehicle. Available items include the vehicle information, traffic information, current location information and navigation software version.

Push **<INFO>** to display the information menu.

The displayed items vary depending on the vehicle model.

Menu item		Result
[Fuel Economy]		Display the Fuel Economy screen. The current and average fuel economy, the distance to empty [Range] can be confirmed.
	[History]	The Fuel Economy history screen can be scrolled. Display Fuel Economy history screen. Touch [**<**]/[**>**] will display an older history or the newest history.
	[Reset]	Reset the average Fuel Economy. The average for the Reset-to-Reset period is stored as a fuel economy history. When reset average Fuel Economy on the screen, the average fuel consumption on the trip computer is also reset at the same time.
[Eco Drive Report]		Displays the Eco Drive Report for “Start”/“Cruise”/“Deceleration”.
	[History]	The Eco Drive Report History screen can be scrolled. Display the Eco Drive Report History screen. Touch [**<**]/[**>**] to display an older history or the newest history.
	[Reset]	Reset the Eco Drive Report screen. The average for the Reset-to-Reset period is stored as an Eco Drive Report history.
[Traffic Information]		Allows traffic information setup. ☞ “Viewing traffic information” (page 7-4)
[Map Information]		Display the map version, software version and Navi ID.

[NissanConnect Services]	Display the NissanConnect℠ Services menu. ☞ “NissanConnect℠ Services” (page 7-14)
[SXM Info]	Display the SiriusXM Travel Link information menu. ☞ “Viewing SiriusXM Travel Link®” (page 7-8)

INFO:

- A SiriusXM Travel Link or SiriusXM Traffic subscription is necessary to receive SiriusXM information services.
- Use of NissanConnect℠ Services features is dependent upon a valid subscription and the telematics device being in operative condition, as well as cellular connectivity, navigation map data and GPS satellite signal reception being available.

SiriusXM TRAFFIC INFORMATION

VIEWING TRAFFIC INFORMATION

SiriusXM Traffic information is a subscription service offered by SiriusXM Satellite Radio.

This service provides real-time information regarding traffic flow, accidents, road construction and other incidents, where available.

SiriusXM Traffic combines information from commercial and public traffic data providers including government departments of transportation, police, emergency services, road sensors, cameras and aircraft reports. The traffic information is broadcast to the vehicle by the SiriusXM satellites. Traffic information available for the route you selected is shown on the navigation screen so traffic conditions between your vehicle and the destination are known. Three types of real-time traffic information for major roadways are shown on the navigation system:

- Unscheduled traffic data for example, accidents and disabled vehicles.
- Scheduled traffic data, for example road construction and road closures.
- Traffic flow information (rate of speed data).

WARNING

SiriusXM Traffic information is not a substitute for attentive driving. Traffic conditions change constantly and emergency situations can arise without warning. Relying only on SiriusXM Traffic information may lead to a collision and could result in serious personal injury.

NOTE:

Flow information is provided only for roads equipped with traffic sensors and is not available in all markets covered by the service. Flow data may not be available on portions of a road that is under construction.

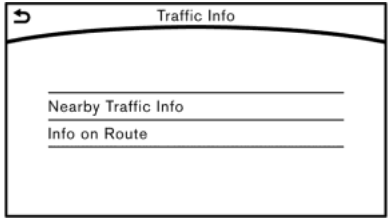
SiriusXM Traffic information is available in for a limited number of markets. To subscribe or to check if this service is available in your area:

call 1-866-635-2349 or see www.siriusxm.com/siriusxmtraffic

INFO:

If you do not have a contract for SiriusXM Traffic information service, a message appears, and it will not be possible to check the information on the traffic information system.

VIEWING AVAILABLE TRAFFIC INFORMATION



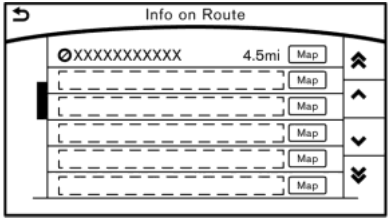
1. Push **<INFO>**.
2. Touch [Traffic Information].
3. Touch the preferred information.

Available item	Action
[Nearby Traffic Info]	The list of available traffic information around the current vehicle location is displayed.
[Info on Route]	This is only available when a route is set. The list of traffic information found on the recommended route from the current vehicle location to the destination is displayed. The detailed information about displayed events can also be checked.

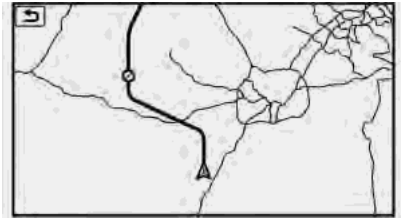
Viewing traffic information list

The list of traffic information found on the recommended route from the current vehicle location to the destination is displayed. The detailed information about displayed events can also be checked.

1. Push **<INFO>**.
2. Touch [Traffic Information].
3. Touch [Nearby Traffic Info] or [Info on Route].
4. Touch the preferred information from Traffic info screen.



5. Touch the event to check the detailed information. Touch [Map] to display traffic information location.



6. The map screen centered around the selected event is displayed. On the display, the detailed information about the event is displayed.

   The message can be scrolled.
7. Touch [⮌] to return to the previous screen.

DISPLAY URGENT TRAFFIC INFORMATION

When an urgent event is found around the current vehicle location, a message pops up automatically with a voice announcement.

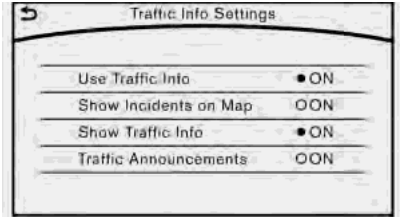
The message includes the icon, event type, event information and the direct distance from the current location to the event.

INFO:

- Urgent traffic information is displayed regardless of whether the traffic information system is on or off.
- When there are multiple urgent events, the event with the shortest direct distance from the current location is displayed.
- If the urgent event is on the recommended route, and if a detour is found, the detour route notification screen is displayed when the vehicle approaches the detour point.

TRAFFIC INFORMATION SETTINGS

This displays or changes the settings for the traffic information related functions.



1. Push **<SETTING>**.
2. Touch [Navigation].
3. Touch [Traffic Info Settings].
4. Touch the preferred setting. The indicator for the selected setting illuminates.

Available setting items

- [Use Traffic Info]:
  Enables all traffic information related functions.
- [Show Incidents on Map]:
  Displays the traffic incidents (e.g., accident) on the map screen.
- [Show Traffic Info]:
  Displays the traffic flow with an arrow on the map screen.
- [Traffic Announcements]:
  Announces the traffic information event on the route.

INFO:

- Even when [Show Traffic Info] and [Show Incidents on Map] are set to off, the list display of [Info on Route] and [Nearby Traffic Info] will not be affected.
- Even when [Traffic Announcement] is set to off, the route guidance will not be affected. Also, the announcement of emergency information and weather information will not be turned off.

Voice command

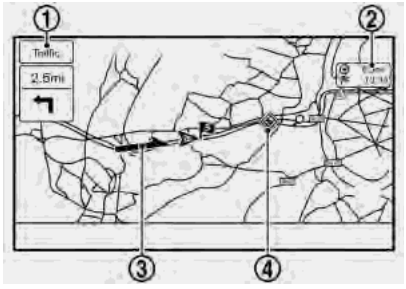
1. Push **<** **>** located on the steering-wheel.
2. After the tone sounds, speak a command.
   To turn the traffic information system on or off:
   “Traffic Information”

TRAFFIC INFORMATION ON MAP

With a subscription to SiriusXM Traffic service, traffic information is displayed on both 2D map and Birdview™ map screen.

☞ “Notes on SiriusXM Traffic information” (page 7-13)

Screen information



① Traffic indicator:
Displays the reception condition of traffic information transmitted from the provider. When reception condition of traffic information transmitted from the provider is not detected, the traffic indicator will be “grayed-out”.

② Estimated travel time to destination calculated with consideration of traffic information on route.

③ Road conditions
Free Flow: Green arrow
Moderate traffic: Yellow arrow
Heavy traffic: Red arrow
Section affected by serious traffic event: Purple arrow

④ Traffic information icon:
If a route is not already set, all of the traffic information icons on the map screen are displayed in color. When a route is already set, the icons on the route are displayed in color, and the icons outside the route are displayed in gray.

: Accident

: Closed road

: Information

: Road work

: Slippery road

: Weather

: Incident

Traffic information display and scale levels

2D map and Birdview Map	
5 miles	10 km
2 miles	4 km
1 mile	2 km
1/2 mile	1 km
1/4 mile	400 m
1/8 mile	200 m
1/16 mile	100 m
1/32 mile	50 m
1/64 mile	25 m

SiriusXM TRAVEL LINK®

SiriusXM Travel Link information is a subscription service offered by SiriusXM Satellite Radio. It is necessary to subscribe to use the SiriusXM Travel Link information.

This service provides real-time information regarding current weather, fuel prices, sports scores, stock tickers and movie times where available. The SiriusXM Travel Link is broadcast to the vehicle by SiriusXM Satellite Radio.

The service enables you to view the following information on the navigation system:

*Current information around the destination

*Detailed information and forecasts of an area of interest

*Countrywide and local maps with the current weather, temperature, warnings and road condition information

*List of warning/watches events detected around the current location

*Pop-up messages on the navigation screen with voice announcements when warnings and watches are detected around the current location

WARNING

SiriusXM Travel Link information is not a substitute for attentive driving. Weather conditions change constantly and emergency situations can arise without warning. Relying only on SiriusXM Travel Link information could result in serious personal injury.

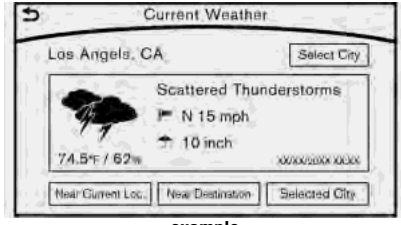
VIEWING SiriusXM TRAVEL LINK®

SiriusXM Travel Link information is available in limited markets. To subscribe to or check if this service is available in the area, call 1-866-635-2349 or access http://www.siriusxm.com/travellink.

INFO:

- If a contract is not completed for the SiriusXM Travel Link information service, a message appears and it will not be possible to check the information on the traffic information system.
- The weather information is available only for areas that provide weather information to

SiriusXM Travel Link.



example

Automotive Weather information

Step 1	Step 2	Menu item		Action
Push **<INFO>**.	[SXM Info]	[Automotive Weather]	[Current Weather]	Display current weather condition information. Touch [Near Destination] to display the current weather condition for the area near the destination, touch [Near Current Loc.] to display the current weather conditions near the vehicles current location. Touch [Selected City] to change the city.
			[5-DAY Forecast]	Display the current five-day weather forecast. Touch [Near Destination] to display the five-day weather forecast for area near the destination, touch [Near Current Loc.] to display the five-day weather forecast for the area near the vehicle's current location. Touch [Selected City] to change the city.
			[Graphical Map]	Display a graphical map of the weather information. Touch [+]/[-] to change the map scale to 320 miles (640 km) (U.S), 32 miles (64 km) (Middle scale) or 5 miles (10 km) (Detail scale). Touch [Radar] to display the weather radar map. Touch [Chart] to display weather surface features and pressure, when the map scale is U.S. (320 miles (640 km)). Touch [Storm] to display Storm information, when the map scale is U.S. (320 miles (640 km)) or Middle scale (32 miles (64 km)). Touch [Winds] to display wind information, when map scale is Detail scale (5 miles (10 km)).

Fuel Prices information

Step 1	Step 2	Menu item	Action
Push **<INFO>**.	[SXM Info]	[Fuel Prices]	Display fuel prices. Select gas station from the fuel prices list to display detail information or a call a selected gas station from the list. Touch [Select Fuel] to select fuel type information, touch [Prices] to display the fuel price list. Touch [Near Current Loc.]/[Near Destination]/[Select Fuel] to sort by distance or sort by prices from the list. Set destination selected gas station from the list.

Sports Score information

Step 1	Step 2	Menu item				Action
Push **<INFO>**.	[SXM Info]	[Sports Scores]	Select from list.			Display current event state (scheduled game, during the game, match results)
				XM channels to display information		Select to listen to the radio.
			[Select League]	[Add League]		Add favorite sports genre for the list. When the number of registration is 10, it will be grayed out.
				[Delete League]	[Multi Select]	Delete multiple selected sports scores.
					[Delete All]	Delete all sports scores.
					Select from list.	Delete a selected sports score.
				Select from list.		Display the detail of a score.

Stock Tickers information

Step 1	Step 2	Menu item			Action
Push **<INFO>**.	[SXM Info]	[Stock Tickers]			Display stock names, stock prices, fluctuation contents, variable stock prices, and the receiving date/time.
			[Add Stock]		Add displaying stock.
			[Delete Stock]	[Delete All]	Delete all stocks.
				[Multi Select]	Delete multiple selected stock.
				Select from list.	Delete a selected stock.

Movie Times information

Step 1	Step 2	Menu item				Action
Push **<INFO>**.	[SXM Info]	[Movie Listings]	[Select City]	Select from list.		Select the city.
			[Theater]	[Movies]	Select from list.	Display detailed movie information.
					[Theater Info]	Display theater information.
					[GO]	Set a destination selected from the list of theaters.
				[Near Destination]		Display the theater near the vehicle's destination.
				[Near Current Loc.]		Display the theater near the vehicle's current location.
				[Selected City]		Change the city.

Step 1	Step 2	Menu item			Action
			[Movie]	Select from list.	Display information for the movie theater selected from the list.
				[Details]	Display movie title, rating and run time.

Notes on SiriusXM Traffic information

- The SiriusXM Traffic information service is not provided for some cities. In addition, the cities for which the traffic information service is provided may be changed.
- In some cases, infrastructure problems may prevent the complete display of the traffic information. This is not a malfunction.
- Due to infrastructure problems, or due to the time when the traffic information service broadcast is received, the displayed information may differ from the actual traffic conditions.
- Depending on the traffic information, a detour route may be slower than the original route.
- SiriusXM Traffic is a service of Sirius XM Radio. SiriusXM Traffic is only available in select markets and is subject to data availability. Reception of the XM signal may vary depending on location. It requires a monthly premium subscription. The service provider is solely responsible for the quality and accuracy of the information provided. All fees and programming are subject to change. For more details on the SiriusXM Traffic service, terms and conditions, please visit www.siriusxm.com.
  You can also contact SiriusXM at 1-866-635-2349.
- SiriusXM Traffic is available in over 130 metropolitan markets. For the most current list of markets covered, please refer to www.siriusxm.com/siriusxmtraffic, or call SiriusXM Listener Care at 1-866-635-2349.
- Due to road maintenance, infrastructure problems (e.g. malfunction of road sensors, outage of central computer of infrastructure) or natural disasters, there are times when some or all traffic information may not be available.
- Incident information is based on human collection. Not all incidents that have happened are collected and provided.
- Due to infrastructure problems, or transmission delay, there are times when the information may differ from the actual condition. Always observe safe driving practices and follow all traffic regulations.
- Due to the coverage and quality of traffic information and road conditions, it is not always possible for the system to provide the shortest time route even when traffic information is considered.
- Traffic information that is displayed may differ from information from other media (e.g., radio), as other media may use different information sources.

NISSANCONNECT℠ SERVICES

SUBSCRIPTION TO NISSANCONNECT℠ SERVICES

A subscription is required to use the NissanConnect℠ Services. For the details about the subscription, visit the NISSAN Owner's Portal Website or contact a NISSAN dealer.

IMPORTANT INFORMATION REGARDING ACCESS TO NISSANCONNECT℠ SERVICES

Only use NissanConnect℠ Services powered by SiriusXM® when safe to do so. Late availability for some features. Services require an operating vehicle device and cellular and GPS coverage. Cellular network and GPS signals not available in all areas and/or at all times. Neither Nissan nor Sirius XM are responsible for associate costs, if any, for continued operation due to cellular network termination/changes. Cellular provider may terminate/restrict service without notice. Certain services require a PIN for activation. Enrollment and Subscription Agreement required. See www.nissanusa.com/connect (for US), www.nissan.ca/nissanconnect (Canada/English) or www.nissan.ca/nissanconnect/fr (Canada/French) for details and service limitations. Enrollment is required to receive full suite of services. Text rates and/or data usage may apply.

Google Calendar™ is a trademark of Google Inc.

NISSANCONNECT℠ SERVICES FEATURES

NissanConnect℠ Services provides various types of information and services by connecting your vehicle to the NissanConnect℠ Services Data Center and NissanConnect℠ Services Response Center using the TCU (Telematics Control Unit) installed in your vehicle.

⚠ WARNING

- **Radio waves could adversely affect electric medical equipment. Individuals who use a pacemaker should contact the device manufacturer regarding any possible effects before using the system.**
- **The TCU antenna is installed inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may adversely affect the operation of the pacemaker while using the NissanConnect℠ Services.**
- **Please note that the Automatic Collision Notification service and Emergency Call function cannot be used in the following conditions:**
  - **— NissanConnect℠ Services subscription has expired or was canceled.**
  - **— The vehicle is outside the area where the cellular network service is receivable.**
  - **— The vehicle is in a location with poor signal reception such as a tunnel, underground parking garage, behind a building or in a mountainous area.**
  - **— The line is busy.**
  - **— The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.**
  - **— The NissanConnect℠ Services network or call center is disabled.**
  - **— It may not be possible to make an emergency call in all accidents or emergencies, or if you are in a location without reception.**

- **Park the vehicle in a safe location and set the parking brake before operating <SOS>.**
- **Inappropriate use of the service may be a violation of local laws and result in a criminal penalty.**

INFO:

- NissanConnect℠ Services features are dependent upon subscription enrollment and the telematics device being in operative condition, cellular connectivity, navigation map data availability and GPS satellite signal reception. Terms and conditions of the NissanConnect℠ Services Subscription Agreement apply.
- Enrollment is required in order to use NissanConnect℠ Services. The services that can be received vary depending on the plan in which you are enrolled.
- After the complimentary trial period, you will be charged for the service at the applicable subscription rate. The services that can be received vary depending on the plan to which you subscribe.
- Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.

NissanConnect℠ Services may be updated. The latest detailed information is available on the following websites or from the support line.

NissanConnect℠ Services website:

For U.S.

www.nissanusa.com/connect

For Canada

www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

NissanConnect℠ Services support line:

1-855-426-6628

- **Automatic Collision Notification:**
  The TCU (Telematics Control Unit) generates a signal automatically to the NissanConnect℠ Services Response Center in the event of an accident severe enough to trigger one of the vehicle's air bags. When the signal is generated, a Response Specialist receives the vehicle location and customer information and notifies the proper authorities in accordance with established policies and procedures.
- **Curfew Alert:**
  Curfew Alert allows you to monitor the time and day when your vehicle is driven. If your NISSAN vehicle is operated outside of the pre-determined schedule, you will receive a notification according to your preference (email, text message, or automated phone call).
- **Emergency Call:**
  The Emergency Call feature provides emergency assistance by connecting to a Response Specialist. In the event of an emergency, push the in-vehicle **<SOS>** button to use this feature. The Response Specialist provides various assistance depending on the situation
  ☞ "Emergency support" (page 7-21)
- **Enhanced Roadside Assistance:**
  Enhanced Roadside Assistance allows you to receive assistance from the Roadside Response Specialist for a non-emergency incident that requires a towing or third-party response service. The service is accessed by touching the IVR (Interactive Voice Response) soft button on the navigation screen or by pushing the in-vehicle **<SOS>** button. Roadside Assistance may also be used in conjunction with the Emergency Assistance

service, if warranted.
☞ “Emergency support” (page 7-21)

- **Report Stolen Vehicle:**
  A Response Specialist will attempt to obtain location information from a reported stolen vehicle and provide that information to local law enforcement agencies to assist in the recovery of your stolen vehicle.
- **Alarm Notification:**
  The Alarm Notification feature will notify you via the chosen notification method on the NissanConnect℠ portal website when your vehicle alarm system is activated.
- **Scheduled Maintenance Notification:**
  The Maintenance Alert Notification provides your vehicle’s mileage data to NISSAN. NISSAN notifies you of maintenance notifications using this mileage data.
- **Maintenance Alert:**
  Maintenance Alert allows you to receive notifications via the chosen notification method set in the NissanConnect℠ portal website in the event of a vehicle sub-system malfunction. The service is managed through the NissanConnect℠ portal website.
- **Assisted Search:**
  The Assisted Search helps you search for Points of Interest via a live Response Specialist by pushing the Interactive Voice Response (IVR) soft button on the navigation screen. A Response Specialist will assist in finding your requested point of interest by name or category and have the results automatically downloaded to your NissanConnect℠ system.
- **Destination Send to Car:**
  Use the NissanConnect℠ App or Web Portal to search for Points of Interest on a map, then send the coordinates directly to your vehicle. You’ll be able to set the locations as destinations, and get voice-guided driving directions when you ready to set out on your adventure.
  ☞ “Using Destination Send to Car” (page 4-17)
- **Connected Search:**
  Connected Search gives you the ability to conduct a point of interest search around the vehicle location via the Destination menu of the navigation system. This search links to the NissanConnect℠ Services database which may have destination information that is more up to date than your navigation system.
  ☞ “Searching by connecting Data Center” (page 4-16)
- **Boundary Alert:**
  The Boundary Alert helps you keep track of your NISSAN vehicle, even after you have handed the keys to another person. Set “stay within” or “keep out of” drive zones on the NissanConnect℠ Web Portal, and you will receive a notification if your vehicle is driven outside those boundaries.
- **Speed Alert:**
  Speed Alert allows you to monitor the speed of your vehicle by receiving alerts. You can set the maximum speed via the NissanConnect℠ portal website, and if your vehicle exceeds the specified speed threshold, you will receive a notification via the chosen method. You can also query the NissanConnect℠ portal website to view a listing of Max Speed Alert notifications.
- **Valet Alert:**
  Valet Alert notifies you if the vehicle moves outside a 0.2 mile radius of the location set on the NissanConnect℠ portal website. You can activate Valet Alert from the “Voice Menu” and saying “Valet Alert” when the call is connected.
  ☞ “Connecting to Interactive Voice Menu” (page 7-18)

- Journey Planner feature allows you to set the route according to the route plan created in advance using the NISSAN Owner's Portal Website.
  ☞ "Using Journey Planner" (page 4-12)

Notice to Bluetooth® Hands-free phone users

While the vehicle is connected to the NissanConnect℠ Services Response Specialists or the emergency support staff at the NissanConnect℠ Service Response Center, the Bluetooth® Hands-Free phone system will be disabled and the Hands-Free mode will switch to the handset mode automatically. After the call is terminated, the Bluetooth® Hands-Free phone system will switch from handset mode to Hands-Free mode automatically.

This is to avoid various services by NissanConnect℠ Service Response Specialists (such as route guidance) and NissanConnect℠ Services emergency support staff from being interrupted by incoming calls. Incoming phone calls received while the vehicle is connected to the Service Center will not be listed in the call history of the Bluetooth® Hands-free phone system. However those incoming calls may be listed in the call history of your mobile phone, depending on its capabilities. After disconnecting communication with the NissanConnect℠ Services Response Specialist or NissanConnect℠ Services emergency support staff, check the incoming call history on your mobile phone when it is safe to do so.

INFO:

- If your Bluetooth® Hands-Free phone receives an incoming call while you are speaking with an operator, a pop-up message asking whether you would like to take the call is displayed.
- For details of the Bluetooth® Hands-free phone system, refer to the vehicle Owner's Manual.

Service application

A separately purchased NissanConnect℠ Services subscription is required. For detailed information, contact a NISSAN dealer or refer to the following NissanConnect℠ portal website:

NissanConnect℠ Services website:

For U.S.

www.nissanusa.com/connect

For Canada

www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

NissanConnect℠ Services support line:

1-855-426-6628

INFO:

If the vehicle is owned by another person and is resold, the subscription for this service must be canceled and all data stored on the device must be deleted.

Operating tips

WARNING

- **Use the NissanConnect℠ Services after stopping your vehicle in a safe location. If you have to use the NissanConnect℠ Services while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **If you are unable to devote full attention to vehicle operation while talking with the NissanConnect℠ Services, pull off the road to a safe location and stop your vehicle.**

- Do not use the NissanConnect℠ Services with the engine stopped. Doing so may discharge the vehicle battery.
- The NissanConnect℠ Services cannot be used under the following conditions:
  — The NissanConnect℠ Services subscription has expired.
  — The vehicle is outside the area where the cellular network service is receivable.
  — The vehicle is in a location with poor signal reception such as a tunnel, underground parking garage, behind a building or in a mountainous area.
  — The line is busy.
  — The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.
  — The NissanConnect℠ Services network system is disabled.
- Information Feeds download cannot be used when the vehicle is connected to the NissanConnect℠ Services Data Center and NissanConnect℠ Services Response Center.
- Communication with the NissanConnect℠ Services Data Center is related to the data communication mode and may cause occasional difficulty in receiving signals, and the signal receivable area may be limited compared to regular mobile phones.
- You may hear clicks or experience interruptions while speaking with the NissanConnect℠ Services Response Specialists. This is due to a shift in the connection zone and is not a malfunction.
- Depending on the line used, the sound volume may decrease. Adjust the volume as necessary.
- Received sounds may be distorted or ambient noise may sound like voices of a crowd. This is due to the use of the digital line and is not a malfunction.
- You may hear your own voice from the speaker when talking with the NissanConnect℠ Services Response Specialists due to a network disturbance. When this occurs, reconnect the line after a few minutes or at a different location.
- This vehicle incorporates a communication device that is called a TCU (Telematics Control Unit). The communication connection between this unit and the NissanConnect℠ Services Data Center allows for various services. When the system connects to the NissanConnect℠ Services Data Center, an antenna icon will appear on the screen. Use the service in a location where the symbol representing good signal reception appears on the screen.
  : When the signal reception is good
  : When the signal reception is bad
- The NissanConnect℠ Services use the TCU (Telematics Control Unit) for communications. Even if the signal strength bar of the in-vehicle data communication module indicates good reception, connection to the NissanConnect℠ Services Data Center may be disabled. This does not indicate a malfunction. Operate the system again after a few minutes.

CONNECTING TO INTERACTIVE VOICE MENU

Various services to support your driving are available by using Interactive Voice Menu. For more details, refer to the NissanConnect℠ Services website or contact the NissanConnect℠ Services support line.

NissanConnect℠ Services website:

For U.S.

www.nissanusa.com/connect

For Canada

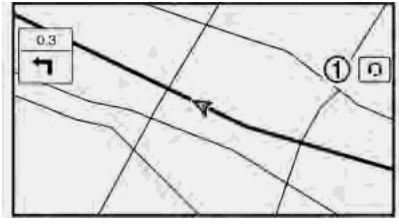
www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

NissanConnect℠ Services support line:

1-855-426-6628

1. Push **<INFO>**.
2. Touch [NissanConnect Services].
3. Touch [Connect to Voice Menu].
4. The system connects to the NissanConnect℠ Services Response Center and menu options will be announced. Speak your preferred option.
   - Assisted Search
     Set a destination using an Interactive Voice Response (IVR) system.
   - Roadside Assistance
     Connect to the Roadside Response Specialist.
   - Valet Alert
     Turns on the Valet Alert function and monitors the vehicle movement within a certain range.
   - Account Management
     Connects to the NissanConnect℠ Services Response Specialist.



INFO:

- You can also connect to a NissanConnect℠ Services Interactive Voice Menu by touching the IVR soft button ① on the map.
- After selecting [Connect to Voice Menu], it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- If your Bluetooth® Hands-Free phone receives an incoming call while you are speaking with an operator, a pop-up message asking whether you would like to take the call is displayed.
- To avoid disconnecting the line, do not turn off the engine.

SETTING ROUTE TO A SEARCHED DESTINATION

Use Connected Search to find destinations via the Internet and set a route to them directly from your navigation system.

1. Push **<INFO>**.
2. Touch [NissanConnect Services].
3. Touch [Connected Search]. A keyboard is displayed.
4. Enter the keyword and touch [Search]. The system will connect to the Internet and the search results will be displayed.
5. Touch a preferred destination from the list and touch [Start] to start the route guidance.

VIEWING INFORMATION FEEDS

Contents of the various NissanConnect℠ Services information can be downloaded.

Viewing information feeds

Contents of the various NissanConnect℠ Services information services can be downloaded.

1. Push **<INFO>**.
2. Touch [NissanConnect Services].
3. Touch [Sync All Feeds]. A folder list is displayed.

4. Touch a preferred folder. A list of information feeds is displayed.
5. Touch a preferred information feed. The content can be viewed on the touch screen display if the vehicle is parked. While driving, the system will read out the information.

INFO:

- Touch [Menu] during communication with the NissanConnect℠ Services Data Center to cancel the connection.
- A message is displayed when the communication is disconnected while downloading information due to a poor communication status. Select [Yes] to restart the download.
- Laws in some jurisdictions may restrict the use of “Text-to-Speech.” Check local regulations before using this feature.
- Some terminology such as personal names, place names, special terms, symbols, etc. may not be announced correctly. This is not a malfunction.
- The system will pause announcements when interrupted by the voice guidance given by the navigation system. When the voice guidance finishes, the system will restart the announcement.
- The volume can be adjusted when the system announces the information.
  ☞ “Volume settings” (page 7-28)
- The selected content is read out while the vehicle is being driven, or if parked, you can read the content on the display.
- Content settings can be made using the NissanConnect℠ Services website. For more details, refer to the NissanConnect℠ Services website or contact the NissanConnect℠ Services support line.

  NissanConnect℠ Services website:

  For U.S.

  www.nissanusa.com/connect

  For Canada

  www.nissan.ca/nissanconnect (English)

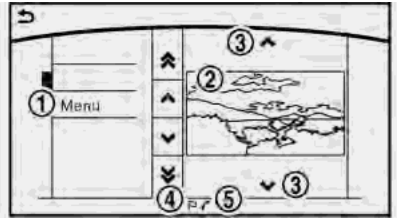
  www.nissan.ca/nissanconnect/fr (French)

  NissanConnect℠ Services support line:

  1-855-426-6628

Screen information:

When information feeds are downloaded from the NissanConnect℠ Services Data Center, the contents of the information are displayed while the vehicle is stopped.



① Menu:

Stop the announcement of the content (Text-to-Speech) and display the operation menu.

② Contents:

The contents of the NissanConnect℠ Services feeds are displayed.

③ [∧]/[∨]:

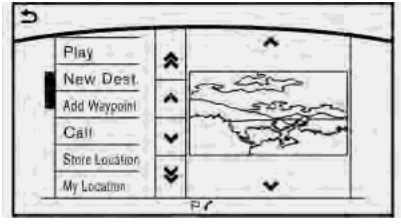
Turns to the next or previous page if the information has a number of content pages.

④ ⚑:

If the information contains map information, the icon will be displayed. It can be set as the destination.

⑤ ✆:

If the information contains phone number information, the icon is displayed. It is possible to make a phone call to the facility.



After parking the vehicle in a safe location and touching [Menu], the operation menu is displayed on the right side of the screen.

INFO:

The availability of the operation menu items differs depending on the contents of the selected information feeds.

Updating All Information Feeds

It is possible to synchronize with the list updated NissanConnect[SM] portal website, such as “Destination Send to Car” or “Journey Planner”, etc.

For more details, refer to the NissanConnect[SM] Services website or contact the NissanConnect[SM] Services support line.

NissanConnect[SM] Services website:

For U.S.

www.nissanusa.com/connect

For Canada

www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

NissanConnect[SM] Services support line:

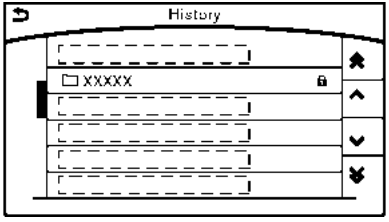
1-855-426-6628

1. Push **<INFO>**.
2. Touch [NissanConnect Services].
3. Touch [Sync All Feeds].
4. The latest information is sent from the NissanConnect[SM] Services Response Center and an updated list is displayed.

Viewing information feeds history

The information feeds that were previously referred to are displayed.

1. Push **<INFO>**.
2. Touch [NissanConnect Services].
3. Touch [History].



4. Touch the preferred item.
5. A history list is displayed. Touch the preferred information feed.

EMERGENCY SUPPORT

NissanConnect[SM] Services provides various services to support an emergency response for the registered vehicle and its occupants.

For example, in the event of an illness or serious injury, you can seek support by pushing **<SOS>** (the SOS call switch located near the map light) and connecting to the NissanConnect[SM] Services Response Center. The NissanConnect[SM] Services Response Center can pinpoint the location of the vehicle via GPS (Global Positioning System), and send the information to law enforcement, ambulance services or other agencies as needed.

NissanConnect[SM] Services website:

For U.S.

www.nissanusa.com/connect

For Canada

www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

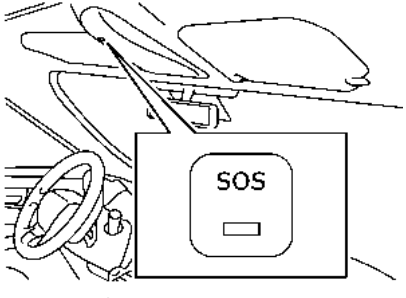
NissanConnect[SM] Services support line:

1-855-426-6628

WARNING

- **Please note that the Automatic Collision Notification service and Emergency Call function cannot be used under the following conditions:**
  - **— NissanConnect[SM] Services subscription has expired or was canceled.**
  - **— The vehicle is outside the area where the cellular network service is receivable.**
  - **— The vehicle is in a location with poor signal reception such as a tunnel, underground parking garage, behind a building or in a mountainous areas.**
  - **— The line is busy.**
  - **— The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.**
  - **— The NissanConnect[SM] Services network system is disabled.**
  - **— It may not be possible to make an emergency call in the event of some accidents or emergencies, or if you are in a location without reception.**
- **Park the vehicle in a safe location and set the parking brake before operating <SOS>.**
- **Only use this service in the event of an emergency. There may be a penalty for inappropriate use of the service.**

Making an emergency call



1. Push **<SOS>**. An emergency call is sent to the emergency call center. At the same time, the vehicle information (location of the vehicle, vehicle speed and the direction of travel) is also transferred.
2. When the line is connected to the NissanConnect[SM] Services Response Center, speak to the emergency support staff.

If you want to cancel the emergency call, push and hold **<SOS>** for a few seconds.

INFO:

- After **<SOS>** is pushed, it may take some time until the system initiates a connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- Emergency support is available when **<SOS>** indicator lamp is turned on. Emergency support cannot be used when **<SOS>** indicator lamp is turned off. When the emergency support is running the indicator lamp will blink without display show any error message after **<SOS>** was pushed.
- To avoid disconnecting the line, do not turn off the engine.

NISSANCONNECT[SM] SERVICES SETTINGS

You can delete NissanConnect[SM] Services history, return to the default settings, and display user information from the setting screen.

Step 1	Step 2	Menu		Action
Push **<SETTING>**.	[Nissan-Connect-Services]	[Information Settings]	[Send Vehicle Information]	When this item is turned on, the vehicle information (the data regarding your driving information such as vehicle location, driving history, fuel economy, etc.) can be sent to the NissanConnect[SM] Services center.
			[Delete Vehicle Information]	Delete all Vehicle Information.
		[Delete Search History]	[Delete Voice Menu History]	Delete all Voice Menu history.
			[Delete Connected Search History]	Delete all Connected Search history.
			[Delete NissanConnect Services History]	Delete NissanConnect[SM] Services histories.
		[Reset All NissanConnect Services Settings]		All NissanConnect[SM] Services settings are returned to the default settings.
		[Unit ID Information]		Display the Unit ID, TCU (Telematics Control Unit) ID, SIM ID and VIN Information necessary for user registration.
		[Vehicle Data Transmission Setting]		When [OK] is touched, data transmission to the NissanConnect[SM] Services Data Center is enabled. Touch [Decline] to disable the NissanConnect[SM] Services functions.

SETTINGS SCREEN

The system can be customized to make it easier for you to use.

The displayed items vary depending on the equipped options.

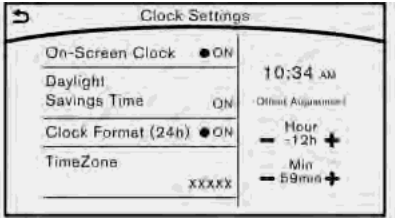
The order of displayed items can be sorted.

Step	Menu Item	Result
Push **<SETTING>**.	[Bluetooth]	Set the Bluetooth® Audio and Phone. Refer to the vehicle Owner's Manual for details.
	[Phone/Mail]	Display the Phone/Mail setting screen. Refer to the vehicle Owner's Manual for details.
	[Navigation]	Display the Navigation setting screen. ☞ "Navigation settings" (page 7-30)
	[Audio]	Display the Audio setting screen. Refer to the vehicle Owner's Manual for details.
	[Screen]	Set the Screen display to the preferred settings. ☞ "Screen Settings" (page 7-29)
	[Volume Adjustment]	Set the Volume Adjustment. ☞ "Volume settings" (page 7-28)
	[Clock]	Set the Clock to your preferred settings. ☞ "Clock settings" (page 7-26)
	[NissanConnect Services]	Set NissanConnect℠ Services to your preferred settings. ☞ "NissanConnect℠ Services" (page 7-14)
	[Voice Recognition]	Set Minimize Voice Feedback to on/off and the audio setting for voice recognition use.
	[Camera/Sonar]	Set the Camera/Sonar to your preferred settings. Refer to the vehicle Owner's Manual for details.

Step	Menu Item		Result
	[Other]	[Language]	Set the Language to your preferred settings. ☞ “Language setting” (page 7-27)
		[Keyboard Type]	Set the Keyboard Type to [ABC] or [QWERTY].
		[Low on Fuel Alert]	Set the fuel low notification to on/off.
		[Software Information]	Display the Software Information.

CLOCK SETTINGS

This changes the clock settings.



Step	Menu item	Action
1. Push **<SETTING>**. 2. Touch [Clock].	[On-Screen Clock]	Set the clock display on/off. When this item is on, the clock display appears.
	[Daylight Savings Time]	Select the setting for the daylight saving time from ON or OFF. Each time by touching this item changes the setting.
	[Clock Format (24h)]	Select the clock format between 12-hour and 24-hour times. When the indicator light illuminates, the clock is set to the 24-hour format.
	[Time Zone]	Select an appropriate time zone from the list. When selecting [AUTO], the system selects the time zone automatically.
	[Offset Adjustment]	Adjust the offset value (hour and minutes).

LANGUAGE SETTING

This changes the display language used in the system.

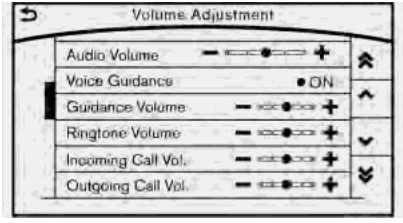
Step	Setting item	Action
1. Push **<SETTING>**. 2. Touch [Other]. 3. Touch [Language].	[System Language]	Select the language of the display.

INFO:

- Do not push the ignition switch while changing the language.

VOLUME SETTINGS

This turns on and off, as well as adjusts, the volume for various functions including audio, phone (ringer, incoming, and outgoing volumes), navigation voice guidance, as well as system beeps.



Step	Setting item	Action
1. Push **<SETTING>**. 2. Touch [Volume Adjustment].	[Audio Volume]	Adjust the volume level of the audio system.
	[Voice Guidance]	Set on/off of the voice guidance.
	[Guidance Volume]	Adjust the volume level of guidance voice.
	[Ringtone Volume]	Adjust the volume level of the ringtone.
	[Incoming Call Vol.]	Adjust the incoming call volume.
	[Outgoing Call Vol.]	Adjust the outgoing call volume.
	[NissanConnect Svcs Vol]	Adjust the volume level of the NissanConnect℠ Services information channel.
	[Sonar Volume]	Adjust the volume level of the sonar warning volume.
	[Button Beep sound]	Turn the button beep sound and alarm for a prohibited operation to on/off.

SCREEN SETTINGS

This menu turns on and off the display and adjusts the image quality of the display.

Step	Setting item		Action
1. Push **<SETTING>**. 2. Touch [Screen].	[Display Settings]	[Brightness]	Adjust the brightness.
		[Contrast]	Adjust the contrast.
		[Black Level]	Adjust the black level.
	[Display OFF]		Turn the screen on or off. Push and hold **<CAMERA>** button for more than 2 seconds to turn the display on.
	[Day/Night]		Adjust the display brightness. Toggle the map color between the day screen and night screen.
	[Change Map Color]		Toggle the map color between the day screen and night screen.
	[Reset Settings]		This restores the display settings to the default settings.

NAVIGATION SETTINGS

The navigation system can be customized according to the user's preference.

1. Push **<SETTING>**.
2. Touch [Navigation].
3. Touch the item you would like to set.

[Map & Display View]

Setting Map & Display View.
☞ "Map view settings" (page 3-8)

[Map Preferences]

Setting map view, orientation, font size or map color etc.
☞ "Map view settings" (page 3-8)

[POI Icons Displayed on Map]

The facility icons can be displayed or hidden by type.
☞ "Displaying facility icons" (page 3-11)

[Guidance Preferences]

Various guidance information can be set to be played during route guidance and the route and/or voice guidance can be activated or deactivated.
☞ "Guidance settings" (page 5-14)

[Route Search Criteria]

It is possible to set the condition of the route search.
☞ "Route Settings" (page 5-16)

[Traffic Info Settings]

Displays or changes the settings for the traffic information
☞ "Traffic Information Settings" (page 7-6)

[Safety Guide Settings]

Setting item	Action
[Speed Limit Info]	Display speed limit information.

[Edit/Delete Stored Locations]

Stored Locations, Route Plans and Avoid Area. You can also edit stored Items.
☞ “Editing stored information” (page 6-5)

[Delete Previous Destinations]

Setting item		Action
[Multiple Selection]	Previous destination list	Select to delete previous destination.
	[Select All]	Select all previous destinations to delete.
	[Delete]	Clear the selected previous destination.
[Delete All]		Delete all previous destination.
[Previous Start Point]		Delete previous start point.
Touch the preferred previous destination from the list.		Delete previous destination.

[Other Settings]

Setting item		Action
[Small Step Zoom With Dial]		Sets the free zoom function on or off. It is possible to adjust the scale in smaller steps than with normal scale adjustment.
[Map Scrolling Information]		Information about the location, on which the center of the cross pointer is placed by scrolling on the map, can be set to be displayed. ☞ “Displaying map scrolling information” (page 3-11)
[Customize Nearby Places]	Item List	Customize the five nearby categories to show the categories that you frequently use.
	[Restore Default Settings]	Reset the five nearby categories that you have set.
[Tracking Dots Displayed on Map]	[Show Tracking Dots on Map]	Displays a stored tracked route on the map.
	[Dist. Between Tracking Dots]	Select tracking dot interval.
	[Delete Track to Current Location]	Deletes the stored tracked route.
[Adjust Current Location]		If the vehicle icon indicating the current vehicle location is not in the correct position, the location of the vehicle icon on the map screen can be adjusted.

[Reset Settings]

This resets various settings (display, volume level, etc.) to the default settings.

8 Voice recognition

Voice recognition 8-2
Using Voice Recognition System 8-2
Before starting 8-2
Giving voice commands 8-2
Voice recognition settings 8-11

VOICE RECOGNITION

USING VOICE RECOGNITION SYSTEM

Initialization

When the ignition switch is turned on, Voice Recognition is initialized. When completed, the system is ready to accept voice commands. If **<** **>** on the steering-wheel is pushed before the initialization completes, the display will show a message to wait until the system has been ready.

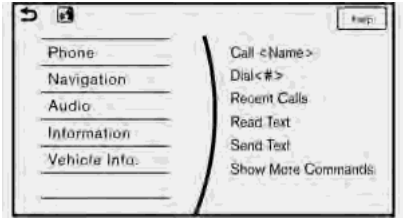
BEFORE STARTING

To get the best recognition performance from Voice Recognition, observe the following items.

- The interior of the vehicle should be as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noise, vibration sounds, etc.), which may prevent the system from correctly recognizing the voice commands.
- Wait until the tone sounds before speaking a command.
- Speak in a natural conversational voice without pausing between words.

GIVING VOICE COMMANDS

1. Push **<** **>** located on the steering-wheel.



2. A list of commands appears on the screen, and the system provides the voice menu prompt.

   When this screen is displayed, almost all of the commands can be recognized. Available commands for each categories can be shown on the right side of the screen. Highlight a category listed in the left side of the screen with the multi-function controller to find your preferred command.

INFO:

Selecting a category by touching the screen will execute the command. After executing the category command, only the commands related to the selected category can be recognized.

“Command list” (page 8-7)

3. After the tone sounds and the icon on the screen changes from to , speak a command. You can also select a command by directly touching the screen.

INFO:

The Voice Recognition system will pause its operation when the multi-function controller is moved. To resume the operation, push **<** **>** on the steering-wheel

4. Continue to follow the voice menu prompts and speak after the tone sounds until the preferred operation is completed.

INFO:

To cancel a voice command, push and hold **<** **>**.
You can interrupt the voice prompt at any time by pushing **<** **>**.

Operating tips

- Speak a command after the tone.
- If the command is not accepted, the system announces, “Please say again”. Repeat the command in a clear voice.

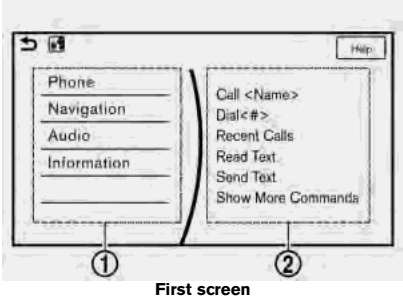
- Push **< ⮌ >** on the steering-wheel switch once to return to the previous screen.
- Voice commands spoken from the passenger seat cannot be recognized.
- When **< 🎤 >** on the steering wheel is pressed while the air conditioner is set to the Auto mode, the system controls the air conditioner fan speed in order to improve voice recognition performance. When the fan speed is set higher than the 4th speed position, the fan speed is decreased to 4th speed. When the air conditioner is set to the manual mode, the fan speed does not change. The accuracy of voice recognition may be affected depending on the fan speed and the air direction.
- To skip the voice guidance function and give the command immediately, push **< 🎤 >** on the steering-wheel to interrupt the system. Remember to speak after the tone.
- To cancel the command, push and hold **< 🎤 >** or **< ⮌ >** on the steering-wheel.
- Push **< 🎤 >** on the steering-wheel to stop the voice prompt and give the command at once. Remember to wait for the tone before speaking.
- To adjust the volume of the system feedback, push **<->/<+>** on the steering-wheel or use the audio system **<VOL>** while the system is making an announcement.
- For searching with Street Address, Point of Interest and City Center, the searching area is automatically set to the state where your vehicle is located. Use Change State/Province to change the search area to another state if necessary.
  ☞ “Changing region” (page 4-2)

How to see voice command screen

1. Push **< 🎤 >** to display the first screen of the voice command list.
2. Speak a command or select an item from the voice command list. The Second screen is displayed.
3. Speak a command. The list screen is screen is displayed.
4. Speak preferred number from the list to perform operation.

INFO:

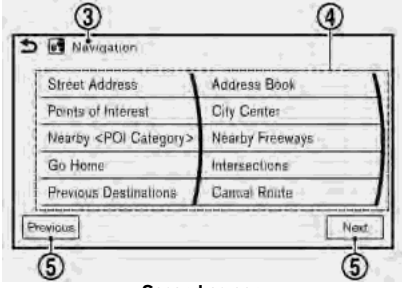
- The voice commands can be spoken one at a time following prompts step by step or the command can be spoken successively in one step.



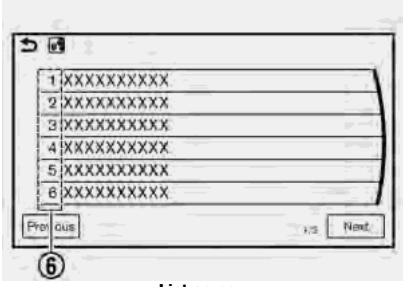
First screen

① Shows available command list. It is also available to select a command from this list by touching or using the multi-function controller.

② Shows available command list. Displayed commands are only available to execute through voice recognition. You can say commands from the left screen and the right screen continuously.



Second screen



List screen

③ Previously selected command.

④ Command list

You can say a command from the list, touch the screen directly or select, using the multi-function controller. You can say preferred word for < > enclosed part of the command.

⑤ [Previous]/[Next]

Say as a command or touch to go to the previous/next screen. It cannot be selected using the steering switch or multi-function controller.

⑥ Speak 1 to 6 numbers to select. Also, you can touch the screen directly, using the multi-function controller.

How to speak numbers

Voice Recognition requires the user to speak numbers in a certain way when giving voice commands.

General rule:

Only single digits 0 (zero) to 9 can be used. (For example, if speaking 500, “five zero zero” can be used, but “five hundred” cannot.)

Examples:

1-800-662-6200

“One eight zero zero six six two six two zero zero”

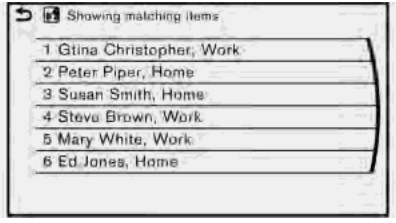
INFO:

For the best recognition, speak “zero” for the number “0” and “oh” for the letter “o”.

Voice command examples

As examples, some additional basic operations that can be performed by voice commands are described here.

Example 1 Placing call from handsfree phonebook:



1. Push **<** **>** located on the steering-wheel.
2. Wait for the indicator to change to . Speak “Phone”.

INFO:

- You can also speak “Phone” “Call <Name>” continuously. After “Dial” is spoken, no name listed in Phonebook can be recognized. Only telephone numbers can be recognized.

3. Speak “Call <Name>”.

   When an option is set in the contact list of a cell phone, the option can be commanded directly. For example, “Call John Smith Work” or “Call John Smith Other”, etc.

INFO:

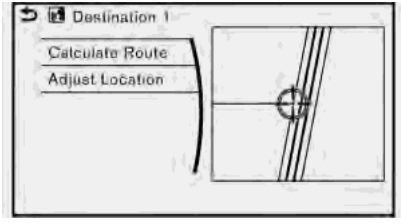
- Names in Phonebook can be recognized by speaking the person’s first and last name, or just their first name. When a name is spoken in the order of last name and then first name, or when only the last name is spoken, the name cannot be recognized.
- Even if words describing family relations, such as “Dad” or “Mom”, are registered in a cell phone, the system can only recognize names. If you want the system to recognize words like “Dad” or “Mom”, register “Dad/Mom” in Favorites from [Phonebook/Favorites Settings] or register “Dad/Mom” as a name in a cell phone.

4. The system announces, “Please say or select an item number from the displayed list.” To select the displayed matching item, speak a number from 1 to 6.

INFO:

- If the selected number has more than one phone number registered to it, the phone number list screen is displayed.

Example 2 Setting destination by address:



1. Push **<** **>** located on the steering-wheel.
2. Wait for the indicator change to . Speak “Navigation”.
3. Speak “Street Address”.
4. Speak the full address.

   For example : “123 Main Street”, followed by the city name.

INFO:

- You can also speak or select “Within a City” and “Change State”. When selecting “Within a City”, the search address will become more successful.
- State is set automatically to the state of the vehicle’s current location. To search for an address in another state, speak the "Change State", and then speak the state to be recognized.
- Even when the state has been changed using voice recognition, it is reset the next time voice input is used. The state of the vehicle’s current location is automatically set.
- Letters of the alphabet cannot be included in house numbers. If there is no appropriate house number, a representative point is displayed.

5. The matching address will be displayed. Select from number 1 to 6 .
6. Speak “Calculate Route” to set the destination.

Example 3 Playing Radio:

1. Push **<** **>** located on the steering-wheel.

2. Wait for the indicator change to . Speak “Audio”.
3. Speak “Play FM”. The radio turns on and plays the previously selected station.

INFO:

- You can also speak “FM <station number>” to turn the radio on and tune in a preferred radio station.
- Using “FM <frequency> HD <channel number>” allows you to specify the HD sub-channel directly.

Command list

To use the Voice Recognition function, you can speak commands in the order of 1st command, 2nd command and 3rd command. You can also operate the system by directly speaking the 2nd or 3rd command.

Variable numbers or words such as names can be applied in the < > when speaking a command.

Some navigation commands are only for English.

General Command

Command	Action
Show More Commands	Display other commands of the same category.
Go Back	Corrects the last recognition result to return to the previous screen.
Exit	Cancels Voice Recognition.
Help	Announces how to use voice guidance.
Next	Skip to the next page.
Previous	Skip to the previous page.

General phone command

Refer to the vehicle Owner's Manual.

Phone Command

Refer to the vehicle Owner's Manual.

General navigation command

The following commands can be used during the Navigation voice recognition session.

Command	Action
Within a City	Search a destination from the specified city.
Change State	Change the state to search.
Calculate Route	Calculate a route.
Adjust Location	Fine-tune the destination.

Navigation Command

1st Command	2nd Command	3rd Command	Action
Navigation	Street Address	<House number>, <Street>, <City>	Used to search for a street address. Follow the prompts to enter the street address.
	Points of Interest	<POI name>	Used to search for the POI within a specified state or city. Follow the prompts to enter the place name.
	Nearby <POI Category>	<1 - 6>	Say “Nearby” followed by a POI category name such as Gas station, Restaurant or Parking. You can say any category name that appears when using manual controls. The system will always search for nearby matches regardless of the current state location.
	Nearby	Near Current Location	If a route is already set, you can search a destination from “Near Current Location”.
		Along Route	If a route is already set, you can search a destination from “Along Route”.
		Near Destination	If a route is already set, you can search destination from “Near Destination”.
	Go Home		Sets a route to your home location.
	Previous Destinations	<1 - 6>	Sets a route to a previously entered destination.
	Address Book	<Stored location name> <1 - 6>	Sets a route to a location stored in the Stored Locations.

1st Command	2nd Command	3rd Command	Action
	City Center	<City name>	Sets a route to a city center.
	Nearby Freeways	<1 - 6>	Sets a route to a nearby entrance to a freeway.
	Intersections	<City name>	Sets a route to an intersection.
	Cancel Route		Delete a destination and way point.
	Recalculate Route	Freeway Preferred	Sets the route search condition to find the fastest time.
		Energy-Saving	Sets the route search condition to find the energy-saving route.
		Shortest Distance	Sets the route search condition to find the shortest distance.
	Traffic Detour		Sets the route search condition to detour traffic jam and traffic accident.
	Zoom In <1-13>		Increases the magnification of the map by the number of steps specified.
	Zoom Out <1-13>		Decreases the magnification of the map by the number of steps specified.
	Zoom Streets		Change to the street map.
	North Up		Sets the 2D full map to North Up.
	Heading Up		Sets the 2D full map to Heading Up.
	2D Map		Change the current map to a 2D Heading Up map.
	3D Map		Change the current map to a 3D map.
	Voice Guidance OFF / Voice Guidance ON		Turns the navigation guidance on and off.
	Show POI Icons		Display the icon of <POI Category> in MAP.
	Remove POI Icons		Remove the icon of <POI Category> in MAP.

NOTE:

- **When searching for an address, the state cannot be specified by voice commands. Speak an address within the state or change the state setting prior to starting the voice recognition session.**

INFO:

- When the current car position is in Puerto Rico and Guam, the system does not recognize the general navigation commands.
- Searching by Points of Interest is limited to the area of the current state or the state set in Change State. The Points of Interest command is a function that recognizes the POI names registered in the navigation system.
- When the “Points of Interest” command is spoken in voice recognition, some POI cannot be used for “Points of Interest” search with voice command operations.

  For “Nearby” search, all registered categories can be recognized by the voice recognition system.

  It may be possible to change some of the categories shown above.

Audio Command

Refer to the vehicle Owner’s Manual.

Information Command

1st Command	2nd Command	3rd Command	Action
Information	Voice Menu		Connect to the NissanConnect℠ Services Response Specialists.
	Fuel Prices		Displays the fuel prices.
	Weather Forecast		Display the weather forecast.
	Current Weather		Display the nearby weather (current weather).
	Sports Scores		Display the sports scores.
	Traffic Information		Turns the traffic information system on or off.
	Route Information		Display the route information.

- The Fuel Prices, Weather Forecast, Current Weather, Sports Scores and Traffic Information will not operate without a subscription to Sirius XM Radio.

Vehicle Info Command

Refer to the vehicle Owner's Manual.

VOICE RECOGNITION SETTINGS

The voice recognition functions can be set.

1. Push **<SETTING>**.
2. Touch [Voice Recognition].
3. Touch the item you would like to set.

Available settings

- [Minimize Voice Feedback]:
  Sets the Minimize Voice Feedback function ON (short feedback) or OFF (long feedback).
- [Audio Device Setting]:
  Select an audio device to be operated via the Voice Recognition system from the audio devices connected to the USB connectors. A device with an indicator light illuminated can be operated with the Voice Recognition system.

MEMO

9 General information

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CURRENT VEHICLE LOCATION

DISPLAY OF CURRENT VEHICLE LOCATION

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 throughout route guidance to a destination.

WHAT IS GPS (Global Positioning System)?

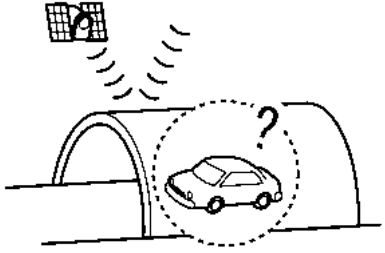
GPS is a position detecting system that uses satellites deployed by the U.S. government. This navigation system receives radio signals from three or more different satellites that orbit 13,049 miles (21,000 km) above the earth in space, and detect the position of the vehicle by utilizing the principle of triangulation.

Positioning adjustment

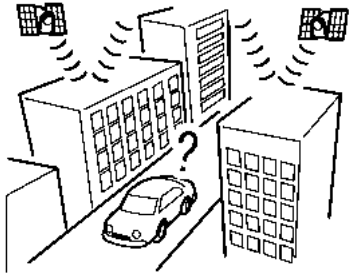
When the system judges that the vehicle position is not accurate based on vehicle speed and gyro sensor data calculations, the system will automatically adjust the position of the vehicle icon using GPS signals.

Receiving signals from GPS satellites

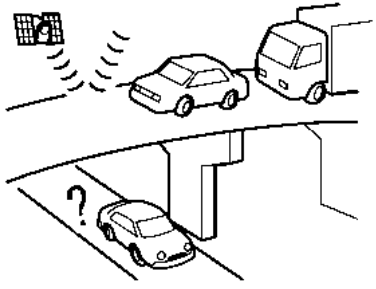
The reception of GPS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GPS signals.



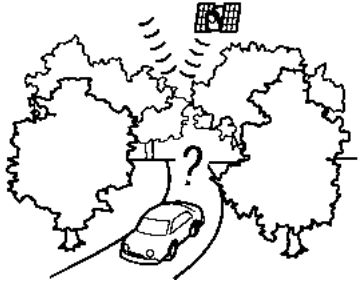
- Inside tunnels or parking garages



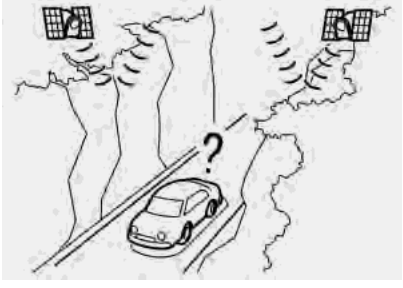
- In areas with numerous tall buildings



- Under multi-layered highways



- Areas with numerous tall trees



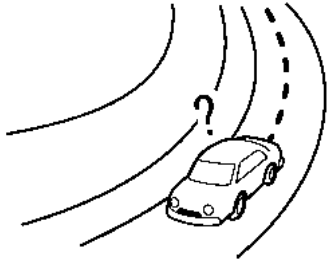
- In a canyon

INFO:

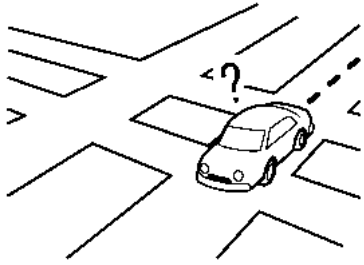
The GPS antenna is located on the instrument panel inside the vehicle. Do not place any objects, especially cellular phones or transceivers, on the instrument panel. Because the strength of the GPS signal is approximately one billionth of that of TV waves, phones and transceivers will affect or may totally disrupt the signal.

INCORRECT DISPLAY OF VEHICLE POSITION

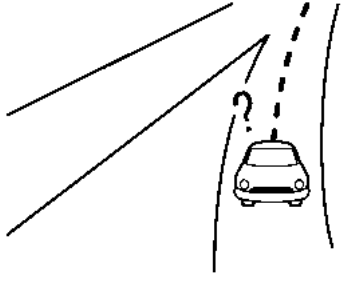
The following cases may affect the display accuracy of the vehicle's position or traveling direction. The accuracy will return to normal if the driving conditions return to normal.



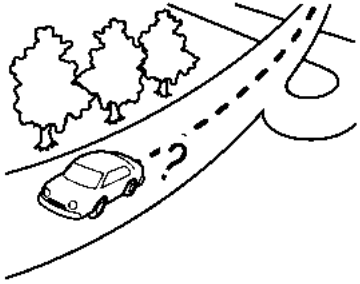
- When there is a similar road nearby.



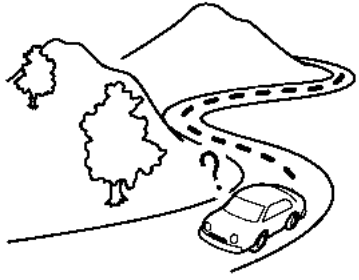
- When the vehicle is traveling in an area with a grid pattern road system.



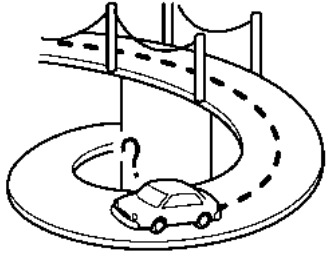
- When the vehicle is passing through a large Y-shaped intersection/junction.



- When the vehicle is traveling on a continuous, slowly curving road.

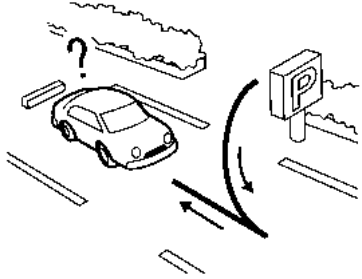


- When the vehicle is traveling on a road with repeating S-shaped curves.

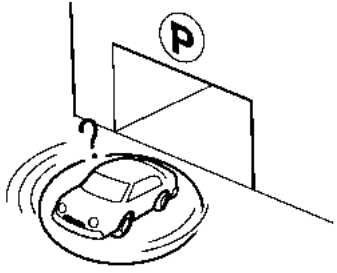


- When the vehicle is on a loop bridge.

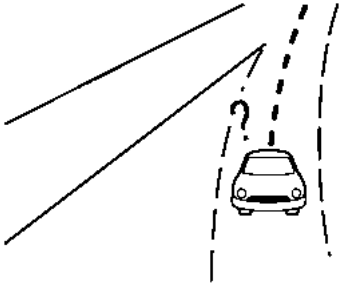
- When the vehicle is on a snow-covered or unpaved road.



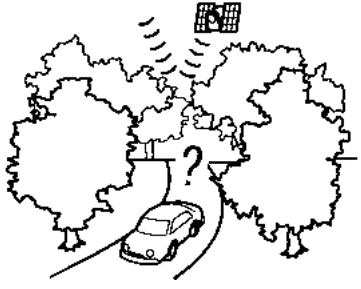
- When repeatedly turning left or right, or driving in zigzags.



- When the vehicle is rotated on a parking lot turntable while the ignition switch is off.



- When driving on a road not displayed on the map screen or a road that has been changed due to additional construction or other reasons.



- When the GPS positioning accuracy is low.

INFO:

- The vehicle icon may be misaligned when starting the vehicle just after starting the engine.
- The vehicle icon may also be misaligned if different sized tires or tire chains are installed.
- The system has a function that automatically corrects the vehicle icon position when it is misaligned from the actual position.
- Vehicle position correction by GPS may not function when the vehicle is stopped.
- If the vehicle icon position does not return to normal even after driving for a while, correct the vehicle icon position manually.

DETAILED MAP COVERAGE AREAS (MCA) FOR NAVIGATION SYSTEM

This system is designed to help guiding to the destination, and it also performs other functions as outlined in this manual. However, the system must be used 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 covers select metropolitan areas in the United States and Canada.

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

INFO:

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

WHEN GRAY ROAD IS DISPLAYED ON MAP

- When you are driving on a road displayed in gray after the vehicle has deviated from the suggested route during route guidance, automatic rerouting may not start immediately.
- The navigation system does not provide route guidance for roads displayed in dark green. Therefore, if the destination is set on a road displayed in dark green, the enlarged map display will return to the ordinary map screen at some point on a suggested route that is near the destination. Also, voice guidance will stop at some point on a suggested route that is near the destination.
- Places information and street names near roads displayed in gray may not be contained

in the map data.

ROUTE CALCULATION

- There may be cases where carpool lanes are included on a suggested route when the automatic rerouting function is activated, even if the [Use Time Restricted Roads] is set to [Use Restriction Info].
  ☞ “Route Settings” (page 5-16)
- The navigation system does not provide route guidance for roads displayed in dark green.
- If the destination is set on a dark green road, the enlarged map display will switch to the ordinary map screen at some point and suggest a route that is near the destination. The distance and direction to the endpoint of the suggested route will be displayed in the lower right corner of the screen. Also, at this time, voice guidance will announce, “The route to the destination includes roads through incomplete map areas. Voice guidance will not be provided in these areas.”
  When approaching the endpoint of the suggested route, voice guidance will announce, “Entering the road with incomplete map data. Use the direction arrow and distance information to proceed to your destination.”
  To reach the destination, refer to the map screen. Always follow actual roads and regulations and drive safely.
- The suggested route 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 for the map data, there may be discrepancies in roads and regulations. In such cases, actual road conditions and regulations take precedence over map data information.
- During route calculation, the map will not scroll, however the vehicle icon will move according to the actual vehicle’s movement.
- During route calculation, buttons such as **<MAP>** and **<NAVI>** will be disabled.
- In some cases, after the calculation is complete, the calculated route may not be immediately displayed.
- Waypoints that have been passed will be disregarded by rerouting calculation.
- If you scroll the map while the suggested route is being drawn, it may take more time to finish drawing.

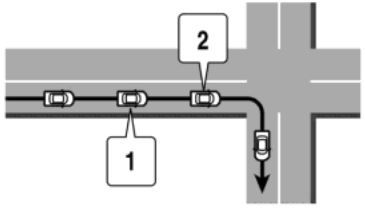
- Route calculation may not be completed in the following cases.
  - — If there is no main road within a range of 1.5 miles (2.5 km) from the vehicle, a message saying so will appear on the screen. Try recalculating when the vehicle is closer to a main road.
  - — If there is no main road within a range of 1.5 miles (2.5 km) from the destination or waypoint, a message saying so will appear on the screen. Try setting the location closer to a main road.
  - — If the vehicle is too close to the destination or if there are no roads to the destination, a message saying so will appear on the screen.
  - — If it is impossible to reach the destination or waypoints because of traffic regulations, etc.
  - — If the only route to reach the destination or waypoints is extremely complicated.
- The following may occur when the route is displayed.
  - — If you calculate a route on a main road, the starting point of the route may not exactly match the current vehicle location.
  - — The endpoint of the route may not exactly match the destination.
  - — If you calculate a route on a main road, the system may display a route from another main road. This may be because the position of the vehicle icon is not accurate. In this case, park the vehicle in a safe location and reset the vehicle icon, or continue driving to see if the position of the vehicle icon is automatically adjusted before recalculating the route.
  - — There are cases in which the system shows an indirect route to reach the destination or waypoints, if you set them from stored or facility information. In order to correct this, you must be careful about the traffic direction, especially when lanes with different travel directions are shown separately, such as interchanges and service areas.
  - — This system makes no distinction between limited traffic control and total control (blockage). It may show an indirect route even if the road is usable.
  - — Even if the freeway preference is set to OFF, a route that uses the freeway may be suggested.
  - — Even if the ferry preference is set to OFF, a route that uses a ferry line may be suggested.

ROUTE GUIDANCE

INFO:

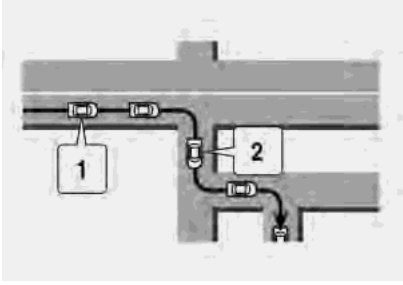
The system will only announce street names when the system language is set to English. Street names are not announced when the system is set to French/Spanish.

NOTIFICATION OF INTERSECTION ON ORDINARY ROAD



1. “In about one quarter mile (400 meters), right (left) turn.”
2. “Right (left) turn ahead.”

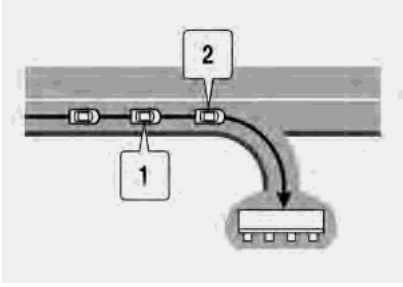
NOTIFICATION OF CONSECUTIVE INTERSECTIONS ON ORDINARY ROADS



When the road has three or more consecutive intersections ahead, voice guidance will announce the following.

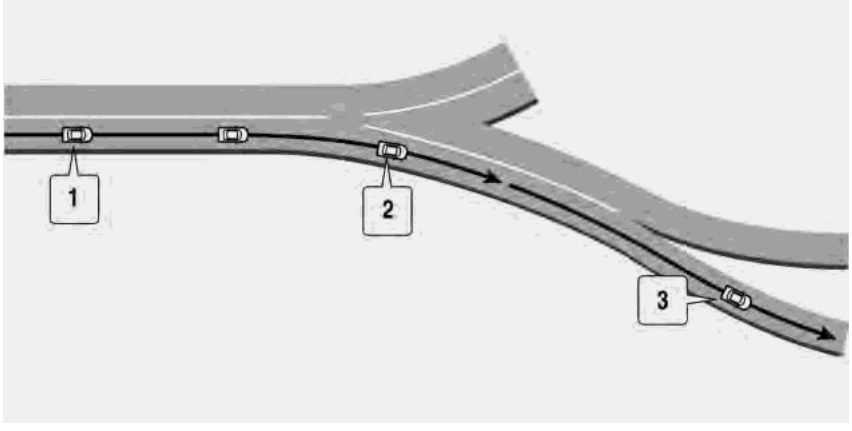
1. “In about one quarter mile (400 meters), right (left) turn, then in about one quarter mile (400 meters) left (right) turn.”
2. “Left (right) turn ahead, then in about one quarter mile (400 meters) right (left) turn.”

NOTIFICATION OF FREEWAY ENTRANCE



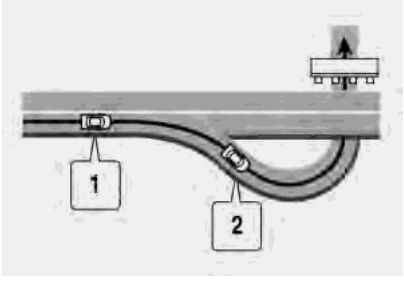
1. “In about one quarter mile (400 meters) freeway entrance on your right onto (road number and direction).”
2. “Freeway entrance on your right onto (road number and direction).”

NOTIFICATION OF FREEWAY JUNCTION



1. “In about one mile (two kilometers), keep to the right (left) onto (road number and direction), then in about one quarter mile (400 meters) keep to the right (left).”
2. “Keep to the right (left) onto (road number and direction), then in about one quarter mile (400 meters) keep to the right (left) onto (road number and direction).”
3. “Keep to the right (left) onto (road number and direction).”

NOTIFICATION OF FREEWAY EXIT



1. “In about one mile (two kilometers), exit on your right.”
2. “Take the second exit on your right.”

MAP DATA

SD CARD SLOT

The SD card slot is located inside the console box.

Insert an SD card. Push the inserted SD card in and release it to eject the SD card from the slot. An SD card containing map data is provided with the vehicle.

NOTE:

- **Never insert foreign objects such as coins into the SD card slot. Doing so may result in a malfunction of the device.**
- **Do not apply overload to the SD card when inserting it to the slot. Doing so may result in a malfunction of the device.**
- **The SD card may be hot when it is removed from the device. This does not indicate a malfunction.**

INFO:

Do not remove the SD card containing map data that is inserted in the slot. When this SD card containing map data is removed the navigation system will not operate. If the SD card containing map data is accidentally removed, after reinserting the SD card containing map data into the slot, place the ignition switch in the OFF position and then place it back in the ON position again.

HOW TO HANDLE THE MAP SD CARD

An SD card that includes the map data is inserted. When handling the Map SD card, please be careful and adhere to the following instructions:

- An SD card is inserted in the slot. This is the SDHC card that is exclusively used for this device. This card includes the map data. The SDHC card is necessary to operate the device. Do not remove this card except when updating the map data is required.
- Never analyze, modify, delete or format the map data. Doing so may cause an improper operation of the device.
- The SDHC card that is exclusively used for this device does not work properly if it is inserted in another device.
- The map data cannot be used even if it is copied to another SDHC card.
- Do not remove the SDHC card containing map data from the system. Using the system with the SDHC card containing map data removed will prevent some functions from operating.

NOTE:

Do not remove the SD card containing map data that is inserted in the slot. When this SD card containing map data is removed the navigation system will not operate. If the SD card containing map data is accidentally removed, after reinserting the SD card containing map data into the slot, place the ignition switch in the OFF position and then place it back in the ON position again.

HOW TO ORDER MAP DATA UPDATES

To order updated map data, contact the NISSAN NAVIGATION SYSTEM HELPDESK. See the contact information on the inside front cover of this manual.

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WARNING

- **This navigation system should not be used as a substitute for your own judgement. Any route suggestions made by this navigation system may never override any local traffic regulations, your own judgement, and/or knowledge of safe driving practices. Disregard route suggestions by the navigation system if such suggestions would: cause you to perform an hazardous or illegal maneuver, place you in an hazardous situation, or route you into an area you consider unsafe.**
- **The advice provided by the navigation system is to be regarded only as a suggestion. There may be situations where the navigation system displays the vehicle's location incorrectly, fails to suggest the shortest course, and/or fails to direct you to your desired destination. In such situations, rely on your own driving judgement, taking into account current driving conditions.**
- **Do not use the navigation system to route you to emergency services. The database does not contain a complete listing of locations of emergency service providers such as police, fire stations, hospitals and clinics. Please use your judgement and your ability to ask for directions in these situations.**
- **As the driver you solely are responsible for your driving safety.**
  - **— In order to avoid traffic accidents, do not operate the system while driving.**
  - **— In order to avoid traffic accidents, operate the system only when the vehicle is stopped at a safe place and the parking brake is set.**
  - **— In order to avoid traffic accidents or traffic offence, remember that actual road conditions and traffic regulations take precedence over the information contained on the navigation system.**
  - **— Accordingly, the Software may contain inaccurate or incomplete information due the passage of time, changing circumstances, and**

due to the nature of the sources used. Please observe the actual traffic circumstances and regulations at all times while driving.

— In a situation when actual road conditions and traffic regulations differ from the information contained on the navigation system, then abide by traffic rules.

— The navigation system does not provide, or account for in any way, information regarding traffic and road laws; speed restrictions; road conditions including road slope, grade, and/or surface conditions; obstruction information including bridge and tunnel height and width, and/or other prevailing driving and/or road conditions. Always rely on your own driving judgment, taking into account current driving conditions.

— Minimize the amount of time spent viewing the screen while driving.

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HOW TO HANDLE THE SD CARD

When handling the SD card, please be careful and adhere to the following instructions:

- Always follow the instructions described in this manual and in the handbook attached to the SD card when using an SD card in this device.
- Do not handle an SD card with wet hands. Doing so may cause electric shock or a malfunction.
- Do not allow hands or metal objects to contact the terminal area of SD cards.
- Do not place SD cards on the instrument panel, on any place with direct sunlight or in moist circumstances. Doing so may damage or deform the SD card.
- Do not use any conventional cleaner, benzine, thinner or antistatic spray.
- Do not use SD cards in any place where static electricity or electric noise adversely affects SD cards. This may cause data corruption or data loss.
- SD card optimization must not be performed.
- Always place the SD card in its storage case when not in use.

- If an SD card is disposed of when it is not used, it is recommended not only to delete the stored data but also to physically break the card.

MEMO

10 Troubleshooting guide

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SYSTEM UNIT

LIQUID CRYSTAL DISPLAY

Symptom	Possible cause	Possible solution
The screen is too dark.	The cabin temperature is too low.	Wait until the cabin temperature becomes moderate.
	Screen brightness is set to the maximum darkness.	Adjust the brightness setting of the screen. ☞ “Screen Settings” (page 7-29)
The screen is too bright.	Screen brightness is set to the maximum brightness.	Adjust the brightness setting of the screen. ☞ “Screen Settings” (page 7-29)
A small black spot or a small bright spot appears on the screen.	This is a typical phenomenon for liquid crystal display.	This is not a malfunction.
A dot or stripe pattern appears on the screen.	Electromagnetic waves that are generated from neon billboards, high voltage electric power cables, ham radios or other radio devices equipped to other vehicles may adversely affect the screen.	This is not a malfunction.
Image lag appears on the screen.	This is a typical phenomenon for liquid crystal display.	This is not a malfunction.
Image motion displayed on the screen is slow.	The cabin temperature is less than 50°F (0°C).	Wait until the cabin temperature rises to within 50°F (0°C) and 122°F (50°C).
When looking at the screen from an angle, the screen lightens or darkens.	This is a typical phenomenon for liquid crystal display.	Adjust the brightness setting of the screen. ☞ “Screen Settings” (page 7-29)
The screen turns blue or an error message is displayed.	A system malfunction has occurred.	Contact a NISSAN dealer for an inspection.
	The SD card is not inserted into the slot correctly.	If the SD card containing map data is accidentally removed, after reinserting the SD card containing map data into the slot, place the ignition switch in the OFF position and then place back in the ON position again.

NAVIGATION

BASIC OPERATIONS

Symptom	Possible cause	Possible solution
No image is displayed.	The brightness is at the lowest setting.	Adjust the brightness of the display. ☞ “Screen Settings” (page 7-29)
	The display is turned off.	Push the and hold **<** ☀ **>** to turn on the display.
No voice guidance is available. or The volume is too high or too low.	The volume is not set correctly, or it is turned off.	Adjust the volume of voice guidance.
	Voice guidance is not provided for certain streets (roads displayed in gray).	This is not a malfunction.
No map is displayed on the screen.	A screen other than a map screen is displayed.	Push **<MAP>**.
The screen is too dim. The movement is slow.	The temperature in the interior of the vehicle is low.	Wait until the interior of the vehicle has warmed up.
Some pixels in the display are darker or brighter than others.	This condition is an inherent characteristic of liquid crystal display.	This is not a malfunction.
Some menu items cannot be selected.	Some menu items become unavailable while the vehicle is driven.	Park the vehicle in a safe location, and then operate the navigation system.

VEHICLE ICON

Symptom	Possible cause	Possible solution
Names of roads and locations differ between Plan View and Birdview™.	This is because the quantity of the displayed information is reduced so that the screen does not become too cluttered. There is also a chance that names of the roads or locations may be displayed multiple times, and the names appearing on the screen may be different because of a processing procedure.	This is not a malfunction.
The vehicle icon is not displayed in the correct position.	The vehicle was transported after the ignition switch was pushed off, for example, by a ferry or car transporter.	Drive the vehicle for a period of time on a road where GPS signals can be received.
	The position and direction of the vehicle icon may be incorrect depending on the driving environments and the levels of positioning accuracy of the navigation system.	This is not a malfunction. Drive the vehicle for a period of time to automatically correct the position and direction of the vehicle icon. ☞ “Current vehicle location” (page 9-2)
When the vehicle is traveling on a new road, the vehicle icon is located on another road nearby.	Because the new road is not stored in the map data, the system automatically places the vehicle icon on the nearest road available.	Updated road information will be included in the next version of the map data.
The screen does not switch to the night screen even after turning on the headlights.	The daytime screen was set the last time the headlights were turned on.	Set the screen to the night screen mode using **<** ☀OFF **>** when turning on the headlights. ☞ “Screen Settings” (page 7-29)
The map does not scroll even when the vehicle is moving.	The current location map screen is not displayed.	Push **<MAP>**.
The vehicle icon is not displayed.	The current location map screen is not displayed.	Push **<MAP>**.

Symptom	Possible cause	Possible solution
The location of the vehicle icon is misaligned from the actual position.	When using tire chains or replacing the tires, speed calculations based on the speed sensor may be incorrect.	Drive the vehicle for a period of time (at approximately 19 MPH (30 km/h) for about 30 minutes) to automatically correct the vehicle icon position. If this does not correct the vehicle icon position, contact a NISSAN dealer.
	The map data has a mistake or is incomplete (the vehicle icon position is always misaligned in the same area).	Updated road information will be included in the next version of the map data.

ROUTE CALCULATION AND VISUAL GUIDANCE

Symptom	Possible cause	Possible solution
Waypoints are not included in the auto reroute calculation.	Waypoints that have been already passed are not included in the auto reroute calculation.	To go to that waypoint again, edit the route.
Route information is not displayed.	Route calculation has not yet been performed.	Set the destination and perform route calculation.
	The vehicle is not on the suggested route.	Drive on the suggested route.
	Route guidance is set to OFF.	Turn on route guidance.
	Route information is not provided for certain types of roads (roads displayed in dark green).	This is not a malfunction.
The auto reroute calculation (or detour calculation) suggests the same route as the one previously suggested.	Route calculations took priority conditions into consideration, but the same route was calculated.	This is not a malfunction.
A waypoint cannot be added.	Five waypoints are already set on the route, including ones that the vehicle has already passed.	A maximum of 5 waypoints can be set on the route. To go to 6 or more waypoints, perform route calculations multiple times as necessary.
The suggested route is not displayed.	Roads near the destination cannot be calculated.	Reset the destination to a main or ordinary road, and recalculate the route.
	The starting point and destination are too close.	Set a more distant destination.
	The starting point and destination are too far away.	Divide the trip by selecting one or two intermediate destinations, and perform route calculations multiple times.
	There are time restricted roads (by the day of the week, by time) near the current vehicle location or destination.	Set [Use Time Restricted Roads] to OFF. ☞ “Route Settings” (page 5-16)
A part of the route is not displayed.	The suggested route includes narrow streets (roads displayed in gray).	This is not a malfunction.

Symptom	Possible cause	Possible solution
The part of the route that the vehicle has already passed is deleted.	A route is managed by sections between waypoints. If the vehicle passed the first waypoint, the section between the starting point and the waypoint is deleted (it may not be deleted depending on the area).	This is not a malfunction.
An indirect route is suggested.	If there are restrictions (such as one-way streets) on roads close to the starting point or destination, the system may suggest an indirect route.	Adjust the location of the starting point or destination.
	The system may suggest an indirect route because route calculation does not take into consideration some areas such as narrow streets (gray roads).	Reset the destination to a main or ordinary road, and recalculate the route.
The landmark information does not correspond to the actual information.	This may be caused by insufficient or incorrect map data.	Updated information will be included in the next version of the map data.
The suggested route does not exactly connect to the starting point, waypoints or destination.	There is no data for route calculation closer to these locations.	Set the starting point, waypoints and destination on a main road, and perform route calculation.

VOICE GUIDANCE

Symptom	Possible cause	Possible solution
Voice guidance is not available.	Voice guidance is only available at certain intersections marked with . In some cases, voice guidance is not available even when the vehicle makes a turn.	This is not a malfunction.
	The vehicle has deviated from the suggested route.	Go back to the suggested route or request route calculation again.
	Voice guidance is set to OFF.	Turn on voice guidance.
	Route guidance is set to OFF.	Turn on route guidance.
The guidance content does not correspond to the actual road conditions.	The content of voice guidance may vary, depending on the types of intersections at which turns are made.	Follow all traffic rules and regulations.

TRAFFIC INFORMATION

Symptom	Possible cause	Possible solution
Traffic information is not displayed.	Traffic information is not set to ON.	Set the traffic information to ON.
	The vehicle is in an area where traffic information is not available.	Scroll to an area where traffic information is available.
	The subscription to SiriusXM Traffic is incomplete, or the subscription to SiriusXM Traffic has expired.	Check the subscription status of SiriusXM Traffic.
	The map scale is set at a level where the display of icons is impossible.	Check that the map scale is set at a level in which the display of icons is possible. ☞ “Traffic information on map” (page 7-6)
With the automatic detour route search ON, no detour route is set to avoid congested areas.	There is no faster route compared to the current route, based on the road network and traffic information.	The automatic detour search is not intended for avoiding traffic jams. It searches for the fastest route taking into consideration conditions as traffic jams. Follow the current route. Also see “NOTES ON TRAFFIC INFORMATION” for further information. ☞ “Notes on SiriusXM Traffic information” (page 7-13)
The route does not avoid a road section with traffic information stating that it is closed due to road construction.	The navigation system is designed not to avoid this event because the actual period of closure may differ from the declared roadwork period.	Observe the actual road conditions and follow the instructions on the road for a detour when necessary. If the road is closed, use the detour function and set the detour distance to avoid the road section that is closed.

NISSANCONNECT[SM] SERVICES

Symptom	Possible cause	Possible solution
The system cannot connect to the NissanConnect[SM] Services Data Center.	A subscription for the NissanConnect[SM] Services has not been established.	Sign up for a subscription to the NissanConnect[SM] Services. For details about subscriptions, contact the NissanConnect[SM] Services support line at 1-855-426-6628.
	The communication line is busy.	Try again after a short period of time.
	The vehicle is in a location where it is difficult to receive radio waves.	When the vehicle moves to an area where radio waves can be transmitted sufficiently, communication will be restored. When the icon on the display shows that the vehicle is inside the communication area, the system can be used.
	TCU (Telematics Control Unit) is not turned on.	If the icon does not show that the vehicle is inside the communication area despite the fact that the vehicle is in that location, contact the NissanConnect[SM] Services support line at 1-855-426-6628.
	Radio wave reception is not sufficient for TCU operation.	When the vehicle moves to an area where radio waves can be transmitted sufficiently, communication will be restored. When the icon on the display shows that the vehicle is inside the communication area, the system can be used.
Some of the items that are displayed on the menu screen cannot be selected.	The vehicle is being driven and some menu items are disabled.	The vehicle is being driven. Stop the vehicle in a safe location and apply the parking brake before operating the functions.
Some parts of the screen are not displayed.	The vehicle is being driven and some menu items are disabled.	Operate the system after stopping the vehicle in a safe location and applying the parking brake.
The system does not announce information.	The volume level is set to the minimum.	Adjust the volume level by operating the VOLUME control knob located on the control panel or on the steering-wheel switch while the system is announcing information.

VOICE RECOGNITION

Symptom	Possible cause	Possible solution
The system does not operate or fails to interpret the command correctly.	The interior of the vehicle is too noisy.	Close the windows or have the other occupants be quiet.
	The fan speed of the air conditioner is too fast.	Decrease the fan speed of the air conditioner.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed, and then speak the command.
	The voice command is spoken in a low voice.	Speak the command in a louder voice.
	The timing of speaking a command is too fast.	Speak the command after confirming the following: a voice guidance is announced, a tone sounds, and an icon on the screen changes from white to orange.
	The command is spoken too slowly.	Speak in a natural voice without pausing between words.
The system prompt to say command again.	Pronunciation is unclear.	Speak clearly.
	The command is spoken too late after the tone.	Speak the command within 5 seconds after confirming the following: a voice guidance is announced, a tone sounds, and an icon on the screen changes from white to orange.
	An improper command is spoken.	Speak the command or a number that is displayed in white on the screen.
		Speak a command that is shown in the command list.
The system does not correctly recognize a number spoken.	Many numbers are spoken at once.	Place a pause between the appropriate digits for correct recognition by the system. When speaking a telephone number, place a pause between area codes, dial codes, etc.

Symptom	Possible cause	Possible solution
Voice recognition does not operate, and a tone sounds twice after pushing **<** **>**.	**<** **>** button is pushed immediately after starting the engine.	Push **<** **>** again after a short period of time.
The Navigation item is not displayed in the voice operation menu screen.	Voice Recognition command preparation for the navigation system is not completed immediately after the system is started.	Display any screen other than the Voice Recognition screen, and then push **<** **>**.
The system does not correctly recognize a Point of Interest (POI) name spoken.	There are some rare cases where a POI is unavailable by Voice Recognition but the location can be found on the map.	This is not a malfunction. Consider using an alternate search method, like street address.
	Partial or Alias name is spoken.	For best results, speak the full name.
	Some POI category name can only be searched from Nearby.	This is not a malfunction.

MEMO

MEMO

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