



2015 NISSAN CONNECT WITH NAVIGATION (FOR MURANO)

OWNER'S MANUAL

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

FOREWORD

Thank you for purchasing a NISSAN vehicle.

This user's manual is for NissanConnectSM with Navigation and Mobile Apps offered in your NISSAN vehicle.

Operation instructions for the following systems are included in this manual.

- Audio
- Hands-Free Phone
- NissanConnectSM Mobile Apps
- Navigation
- Voice recognition
- Information and settings viewable on NissanConnectSM

Please read this manual carefully to ensure safe operation of NissanConnectSM with Navigation and Mobile Apps.

- 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.

NISSAN CONSUMER AFFAIRS DEPARTMENT

For assistance or inquiries about the NISSAN Navigation System, 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

NISSAN NAVIGATION SYSTEM HELPDESK CONTACT INFORMATION

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: www.NissanNavigation.com
- PHONE: 1-888-661-9995

For Canadian customers

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

NISSANCONNECTSM MOBILE APPS CUSTOMER SERVICE

- WEB SITE for U.S. customers:
www.NissanUSA.com/connect
- WEB SITE for Canadian customers:
www.Nissan.ca/NissanConnect (English)
www.Nissan.ca/NissanConnect/fr (French)
- E-MAIL:
nissanownerservices@nissan-usa.com
- PHONE:
1-855-426-6628
- HOURS:
Mon-Sat, 8:00 AM to 12:00 AM (Eastern Standard Time)

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1. Introduction

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.

< >:

Indicates a button on the control panel.

[]:

This indicates a key/item displayed on the screen.

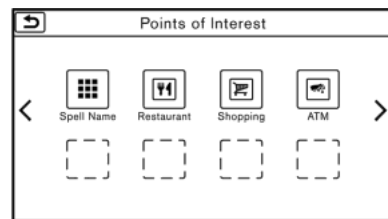
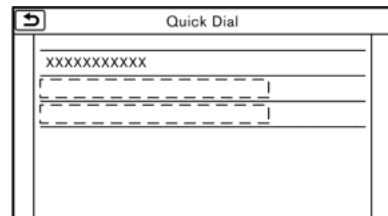


Voice Command:

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

This system is primarily designed to help you support 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.**



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 (12V battery). When you use the system, always keep the engine running.

1. Introduction

TRADEMARKS

Windows® and Windows Media® are registered trademarks or trademarks of Microsoft Corporation in the United States of America and/or other countries.

Windows Media Player:

This product is protected by certain intellectual property right of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.



"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod® or iPhone®, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod® or iPhone® may affect wireless performance.

Apple, the Apple logo, iPhone®, iPod®, iPod classic®, iPod nano®, and iPod touch® are trademarks of Apple Inc., registered in the U.S. and other countries. Lightning is a trademark of Apple Inc. App Store is a service mark of Apple

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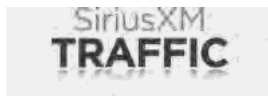


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Google Play™

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REGULATORY INFORMATION

LASER PRODUCT

This NissanConnectSM with Navigation and Mobile Apps 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.**

BLUETOOTH® DEVICES

FCC Regulatory information

FCC ID: WY2QY8050

NOTE

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION: Radio Frequency Radiation Exposure

This equipment complies with FCC radiation exposure limits set forth for uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding

1. Introduction

extremities: hands, wrists, feet and ankles).

Co-location: This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

IC Regulatory information

The antenna cannot be removed (and changed) by user.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CAUTION: Radio Frequency Radiation Exposure

This equipment complies with IC radiation exposure limits set forth for uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles.)

Co-location: This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

For Quebec :

L'antenne ne peut être enlevée (et modifié) par l'utilisateur.

NOTE

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ATTENTION : l'exposition aux rayonnements radiofréquence

Cet équipement est conforme aux limites d'exposition aux radiations IC définies pour un environnement non contrôlé et satisfait RSS-102 de la fréquence radio (RF) IC règles d'exposition. Cet équipement présente des

niveaux très faibles d'énergie RF réputé conforme sans évaluation de l'exposition maximale permissive (MPE). Mais il est souhaitable qu'il devrait être installé et fonctionner avec au moins 20 cm entre le radiateur et le corps de la personne (à l'exception des membres: Mains, poignets, pieds et chevilles).

Co-localisation : Cet émetteur ne doit pas être co-implantés ou exploités en conjonction avec une autre antenne ou un autre émetteur.

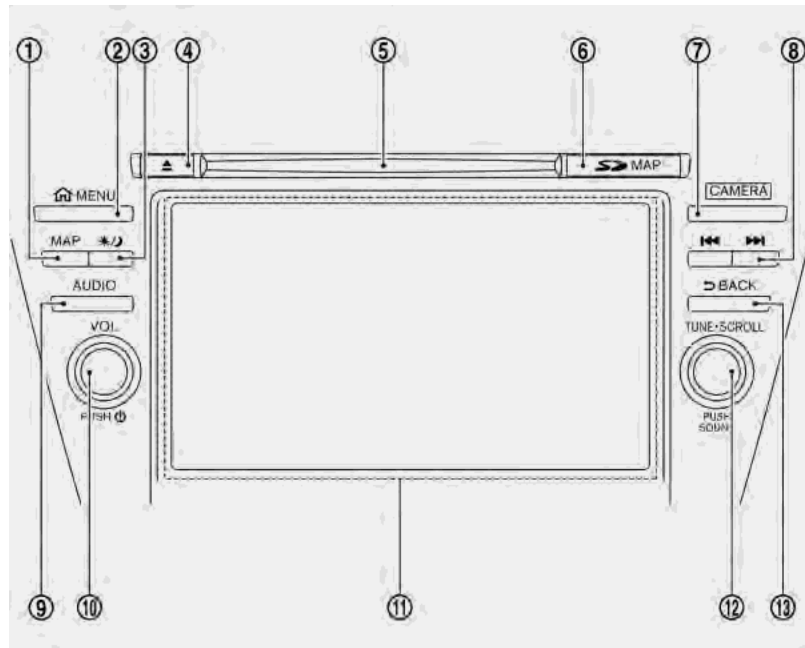
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CONTROL BUTTONS AND TOUCH SCREEN DISPLAY

CONTROL PANEL



① <MAP>:

Push to display the current location map. During route guidance with a map screen displayed, push this button to show/hide the split screen.

☞ "Map operation" (page 6-3)

② <MENU>:

Push to display the HOME MENU screen.

☞ "How to view and operate HOME MENU screen" (page 2-11)

③ <☀/☾>:

Push to switch between the day screen (bright) and the night screen (dark) and to adjust the level of screen brightness. Push and hold the button to turn off the display. Push the button again to turn on the display.

☞ "Display settings" (page 2-15)

④ <▲>:

Push to eject a CD.

☞ "Compact Disc (CD) player" (page 3-17)

⑤ CD slot:

Insert a CD into the slot.

☞ "Compact Disc (CD) player" (page 3-17)

⑥ Map data card slot:

The slot is for the map data SD card provided with your vehicle. To eject the SD card, open the lid and push the SD card in and then release.

 "Map data" (page 6-63)

⑦ <CAMERA>:

For details of the monitor system, refer to the vehicle Owner's Manual.

⑧ <◀▶▶▶▶/◀▶▶▶▶>:

In audio operation, selecting and fast-forwarding/rewinding tracks as well as radio station/channel scanning can be performed.

 "3. Audio system"

⑨ <AUDIO>:

Push to display the audio screen. When this button is pushed while the audio screen is displayed, a screen to select an audio source will be displayed.

 "Selecting audio source" (page 3-11)

⑩ <VOL/ ⏻ >:

Push to turn the power of the audio system on and off. Turn to adjust the volume.

⑪ Touch screen display:

Various information and operation menus are displayed on the liquid crystal display. Touch keys and icons on the screen for

operation.

 "Touch panel operation" (page 2-8)

⑫ <TUNE-SCROLL/SOUND>:

When a menu screen is displayed, turn the dial to select items on the screen.

Push to confirm the selected item or setting.

The button can also be used for audio operations.

 "Audio main buttons" (page 3-10)

⑬ <BACK>:

Depending on the screen, pushing the button will display the previous screen.

For character input operation, push or push and hold to delete the characters entered.

Push and hold to quit the voice recognition session.

 "7. Voice recognition"



CAUTION

- 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 too much pressure when inserting the SD card into the slot. Doing so may result in a mal-

function of the device.

- The SD card may be hot when it is removed from the device. This does not indicate a malfunction.



NOTE:

Do not remove the SD card containing map data. If the SD card containing map data is accidentally removed, reinsert the SD card containing map data into the slot and place the ignition switch in the "OFF" position.

Liquid crystal 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

2. Getting started

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 displays, and it is not a malfunction.
- A remnant of the previous display image may remain on the screen. This screen burn is inherent in displays, and it is not a malfunction.
- The screen may become distorted by strong magnetic fields.

Maintenance of display:

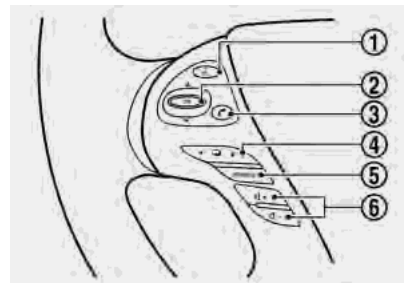


CAUTION

- **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.**
- **Clean the display with the ignition switch in the "OFF" position. If the display is cleaned while the ignition switch is placed in the "ON" position, unintentional operation may occur.**

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

STEERING WHEEL SWITCHES



① < TALK > (TALK):

Push to use the voice recognition system. Push and hold to end the voice recognition session.

"Giving voice commands" (page 7-2)

② < ▲ > / < ▼ >, < OK >:

During voice recognition operation, tilt up/down to highlight different items, and push to select the highlighted item.

Audio operations are also possible by tilting the switch up and down.

"Steering wheel mounted audio control buttons" (page 3-11)

2. Getting started

③ < >:

Push to display the hands-free phone operation screen.

When you receive a phone call, push this button to answer the call.

 "4. Hands-Free Phone"

④ < ◀ / ▶ >:

The buttons are used mainly for the vehicle information display operation. Refer to the vehicle Owner's Manual for details.

During voice recognition operation, < ◀ > can be used to return to the previous screen.

⑤ <SOURCE>:

Push to change the audio source to the available mode.

⑥ < + > / < - >:

Push to adjust the volume.

INFO:

Steering wheel switches are mainly for the vehicle information display control and may not be able to operate the touch screen display depending on the conditions. Follow the pop-up guide messages and labels shown on the vehicle information display.

Some of the information displayed on the vehicle

information display are linked with the touch screen display.

 "Control panel and vehicle information display interaction" (page 5-8)

For other details of the vehicle information display, refer to the vehicle Owner's Manual.

USB (Universal Serial Bus) CONNECTION PORTS AND AUX (auxiliary) INPUT JACK



WARNING

Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.



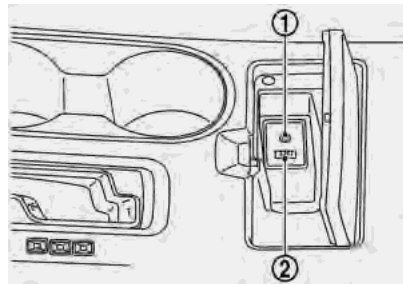
CAUTION

- **Do not force the USB device into the USB port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into the USB port.**
- **Do not grab the USB port cover (if so equipped) when pulling the USB device out of the port. This could**

damage the port and the cover.

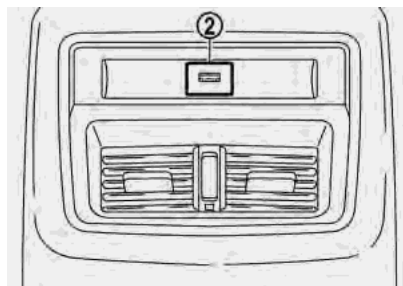
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.**

The vehicle is equipped with USB ports and an AUX input jack. When connected, the in-vehicle audio system can play audio contents from the compatible device.



Media pocket

2. Getting started



Rear of center console box

① AUX (Auxiliary) input jack:

The AUX input jack is located in the media pocket. Connect an audio player that accepts a 1/4 in (3.5 mm) TRS connector (such as an MP3 player etc.) to play music.

② USB port 1, USB port 2:

USB port 1 is located in the media pocket. USB port 2 is located at the rear of the center console box.

Connect a compatible device to play media from an iPod®, iPhone® or a USB memory device.

To use NissanConnectSM Apps with iPhone®, connect the device to the USB port via USB cable.

Refer to your AUX and USB device manufac-

turer's owner information regarding the proper use and care of the device.

INFO:

- Even when iPod® or iPhone® are connected to both of the USB ports, the system recognizes only one of the connected iPod® or iPhone® at a time.
- One USB memory device and one iPod® can be operated by the voice recognition system. When two USB memory devices are connected, only one of the devices can be operated by the voice recognition system.
 "Voice recognition settings" (page 7-17)
- Cables made by Apple Inc. should be used to connect electronic devices marketed by Apple Inc.

STARTING SYSTEM

The system starts when the ignition switch is placed in the "ACC" or "ON" position.

START-UP SCREEN

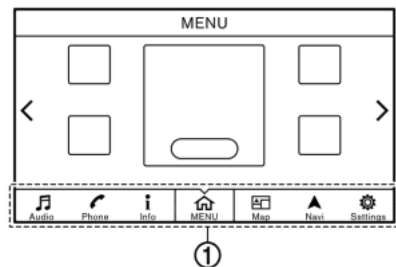
The start-up screen is displayed when the ignition switch is placed in the "ACC" or "ON" position.

NOTE:

Do not keep the system turned on with the engine stopped. Doing so may discharge the vehicle battery (12V battery). When you use the system, always keep the engine running.

BASIC OPERATION

SELECTING MENU FROM LAUNCH BAR



Various system functions can be accessed by touching the items on the Launch Bar ① which is displayed on most of the main menu screens. (The Launch Bar does not appear on some screens such as scrolled map screen, keyboard screen, etc.)

Touch the keys on the Launch Bar to display the corresponding menu screens.

The following menus are available on the Launch Bar.

- [Audio]

- [Phone]
- [Info]
- [MENU]
- [Map]
- [Navi]
- [Settings]

Audio

Touching [Audio] on the Launch Bar will display the audio screen. When [Audio] is touched while the audio screen is displayed, the audio source menu screen will be displayed.

☞ "Selecting audio source" (page 3-11)

INFO:

Pushing **<AUDIO>** will also display the audio screen.

Phone

Touching [Phone] on the Launch Bar will display the phone menu screen.

INFO:

Pushing **< >** on the steering wheel will also display the phone menu screen.

☞ "4. Hands-Free Phone"

Info

Touching [Info] on the Launch Bar will display the information menu screen.

Various information can be accessed and viewed from the information menu screen.

☞ "Information menu" (page 5-2)

MENU

Touching [MENU] on the Launch Bar will display the center page of the HOME MENU screen.

The HOME MENU screen consists of three pages which can be personalized by displaying preferred Shortcuts/Widgets.

☞ "How to view and operate HOME MENU screen" (page 2-11)

INFO:

Pushing **<MENU>** will also display the HOME MENU screen.

2. Getting started

Map

Touching [Map] on the Launch Bar will display the map of the current vehicle location.



INFO:

Pushing **<MAP>** will also display the map screen.

“Displaying current vehicle location”
(page 6-3)

Navi

Touching [Navi] on the Launch Bar will display the destination setting screen or the route menu screen, depending on whether a route is set for route guidance.

When a route is not set, menus used to set destination for route guidance can be accessed from this screen.

“Setting destination” (page 6-13)

When a route is set, menus for route information and route editing are displayed on this screen.

“Route menu” (page 6-31)

Settings

Touching [Settings] on the Launch Bar will display the setting menu screen.

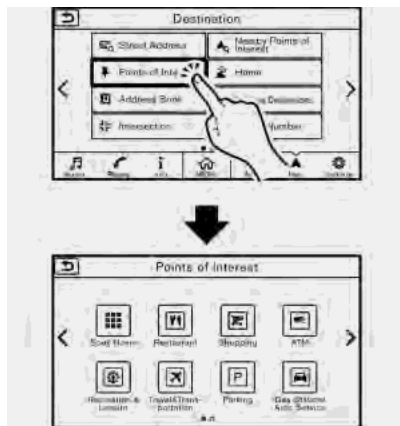
Settings for the various functions in the system can be changed from this screen.

“Settings menu” (page 2-14)

TOUCH PANEL OPERATION

The system can be controlled mainly by the touch panel operation.

• Touch



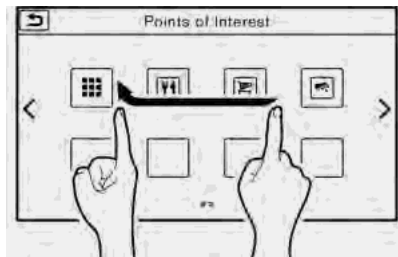
Select a key on the screen to select the item and to display the corresponding screen.



INFO:

Some keys function differently depending on whether the key is touched briefly or when it is being touched and held for a few seconds.

• Swipe/Flick



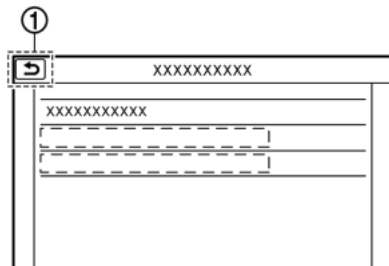
Menu screen pages will skip to the next page when swiped/flicked horizontally.

Some of the list screens can also be scrolled by swiping/flicking on the screen vertically.

2. Getting started

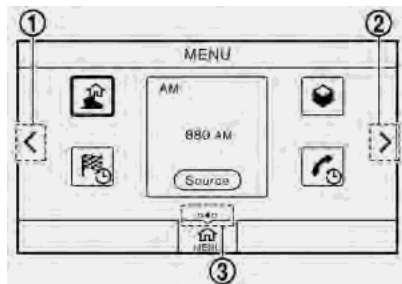
MAIN SCREEN OPERATIONS

- **Displaying previous screen**



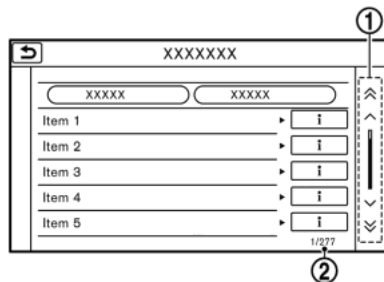
- ① Touch [] to return to the screen displayed previously.

- **Horizontal scrolling**



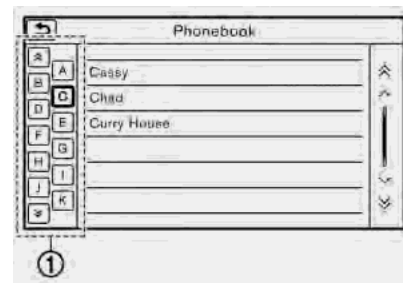
- ① Touch [] to scroll to the previous page.
- ② Touch [] to scroll to the next page.
- ③ Indicates the position of the currently displayed page.

- **Vertical scrolling**



- ① Touch [] or [] to scroll the message or list one item at a time.
Touch [] or [] to skip to the next page.
- ② Indicates the total number of items in the list and the entry number of the selected item.

- **Scrolling list by selecting alphabet**



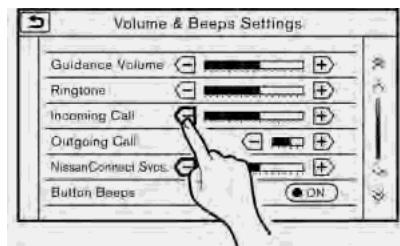
- ① Touch one of the alphabetical keys to scroll the list to the section of the list that begins with the letter selected.

INFO:

Depending on the screens, swiping on the touch screen can scroll pages vertically or horizontally.

2. Getting started

ADJUSTING SETTINGS



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

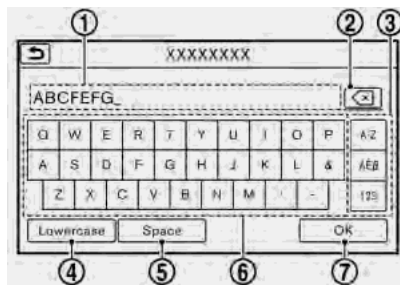
For items with [ON] indicator, touch the menu item to turn on/off the setting. The indicator light will turn on when the setting is turned on.

HOW TO INPUT LETTERS AND NUMBERS

Basic operations to enter letters and numbers are explained here.

Character and number input screens vary depending on the conditions.

Alphabet input screen



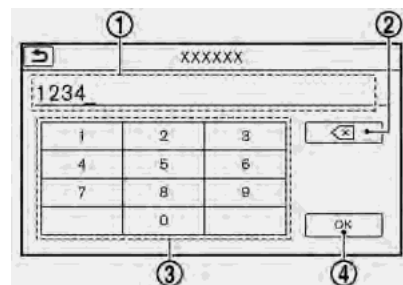
- ① Entered characters are displayed.
- ② Touch to delete the last character entered.
Touch and hold to delete all the characters entered.
- ③ Touch to change the type of keyboard.
[A-Z]: Displays alphabet input screen.
[A&E]: Displays symbol input screen.
[123]: Displays number input screen.
- ④ Touch to switch between the uppercase and lowercase character input screen.
- ⑤ Touch to enter a space.
- ⑥ Touch to enter a character.
- ⑦ Touch to confirm the entry.



INFO:

Push **<BACK>** briefly to delete the last character entered. Push and hold the button to delete all the characters entered.

Number input screen

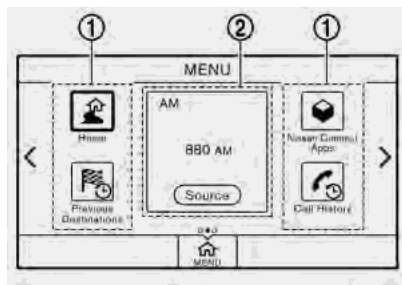


- ① Entered characters are displayed.
- ② Touch to delete the last number entered.
Touch and hold to delete all the characters entered.
- ③ Touch to enter a number.
- ④ Touch to confirm the entry.

HOW TO VIEW AND OPERATE HOME MENU SCREEN

Push **<MENU>** or touch [MENU] on the Launch Bar to display the HOME MENU screen.

On the HOME MENU screen which consists of three pages, preferred Shortcuts and Widgets can be laid out.



- ① Shortcut icons
- ② Widget

INFO:

The HOME MENU screen can be edited.

 "Customizing HOME MENU screen"
(page 2-11)

Shortcuts

Icons for frequently used menu items can be placed on the HOME MENU screens as Shortcuts. Shortcuts of audio, phone, information, navigation and setting menus are available.

Widget

Useful information such as weather, clock, etc. can be displayed as Widgets. Depending on the contents, keys in the box can be touched for operations.

Default menu

The following Shortcuts and Widgets are set to be displayed as default on the HOME MENU screen.

Default menus

Shortcuts/Widgets	Content
[Home]	Page 6-19
[NissanConnect Apps]	Page 5-6
[Previous Destinations]	Page 6-20
[Call History]	Page 4-4
[Audio Information]	Page 8-4
[SXM Traffic]	Page 5-2
[SXM Fuel Prices]	Page 5-2
[SXM Sports]	Page 5-2
[SXM Stocks]	Page 5-2
[SXM Weather]	Page 5-2
[Edit Menu]	Page 2-11
[Digital Clock]	Digital clock is displayed.

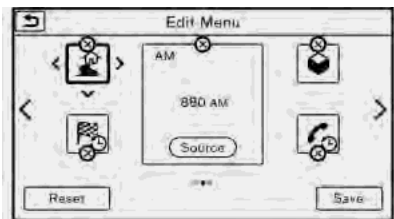
INFO:

Default menus on the HOME MENU screen are subject to change without notice.

Customizing HOME MENU screen

The HOME MENU screen can be personalized by selecting which Shortcuts and Widgets to be displayed and where to place them on the screen.

2. Getting started



1. Push and hold **<MENU>** or touch [MENU] while the HOME MENU screen is displayed.
 2. Edit the Shortcuts and the Widgets on the Edit Home Menu screen.
 3. Touch [Save] to apply the change.
- Following editing operations are available.

Moving an item:

1. Touch a Widget or a Shortcut icon you wish to move. The arrows [<], [>], [^] or [v] will appear by the icon. (Only [<] and [>] are available for the Widget.)
2. Touch the arrows to move the icon.

Adding an item:

1. Touch a blank box for Widget/Shortcut.
2. Touch [+] displayed by the box.
3. Touch [Shortcut Icons] or [Widgets] and select a preferred item you wish to add.

Available Shortcut categories

- Audio Source
- Phone
- Info
- Navigation
- Settings

Available Widgets

- Audio Information
- Current Conditions
- 5-Day Weather Forecast
- Digital Clock
- Analog Clock



INFO:

Four open Shortcut spots are needed to add a Widget.

Deleting an item:

Touch [X] on the Shortcut or Widget you wish to delete. Touch [Yes] to confirm.

Setting layout to default:

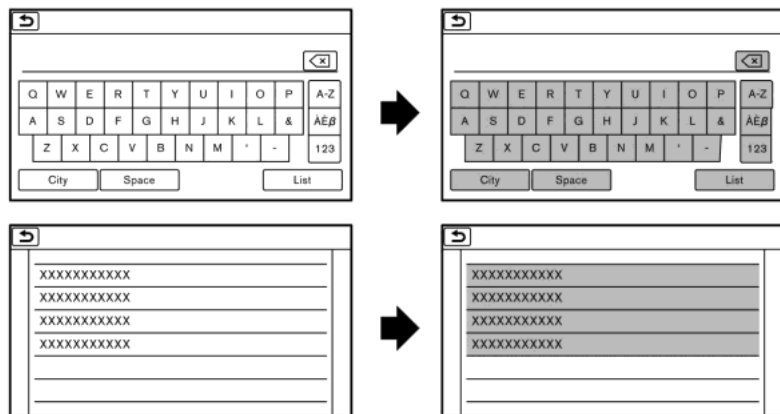
Touch [Reset] on the Edit Home Menu screen. Touch [Yes] to confirm.



INFO:

- Touching [Settings] on the Launch Bar and touching [Edit Home Menu] will also display the Edit Home Menu screen.
- Access to the SXM Travel Link services requires a SiriusXM subscription.
📱 “SiriusXM Travel Link” (page 5-7)
- Available Shortcuts/Widgets and the default menus on the HOME MENU screen are subject to change without notice.

FUNCTIONS DISABLED WHILE DRIVING



Example

To ensure safe driving, some functions cannot be operated or have limited operation while the vehicle driving speed is 5 MPH (8 km/h) or above.

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
- Registering cellular phones
- Connecting Bluetooth® devices for the first time
- Making a call by dial number and handset phonebook
- Setting phone and Bluetooth® functions
- Various other settings

These functions will become available again when the vehicle speed is reduced to below 5

2. Getting started

MPH (8 km/h).

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.

SYSTEM SETTINGS

The system settings can be changed for convenience.

SETTINGS MENU

Touch [Settings] on the Launch Bar and touch a setting item you wish to adjust.

Available setting items

Setting item	Result
[Bluetooth]	Displays the Bluetooth® Audio and Phone setting screen.  "Bluetooth® settings" (page 2-17)
[Phone]	Displays the Phone & Mail setting screen.  "Phone and text message assistant settings" (page 4-9)
[Navigation]	Displays the navigation settings screen.  "Navigation settings" (page 6-54)
[Sound]	Displays the audio settings screen.  "Audio settings" (page 3-31)
[Display]	Displays the display settings screen.  "Display settings" (page 2-15)
[Volume & Beeps]	Displays the volume adjustment screen.  "Volume and Beeps settings" (page 2-15)

[Clock]	Displays the clock adjustment screen.  "Clock settings" (page 2-16)
[Edit Home Menu]	Displays the menu editing screen.  "Customizing HOME MENU screen" (page 2-11)
[Voice Recognition]	Displays the voice recognition system settings screen.  "Voice recognition settings" (page 7-17)
[Language & Units]	Displays the Language and Units settings screen.  "Language and unit settings" (page 2-16)
[Camera] (models with Rear-View Monitor)	Displays the Camera setting screen. See vehicle Owner's Manual for details of the monitor system.

DISPLAY SETTINGS

Menu items to adjust display settings are available.

1. Touch [Settings] on the Launch Bar.
2. Touch [Display].
3. Touch a preferred adjustment item and adjust to the preferred setting.

Available setting items

Setting item	Action
[Display]	Turns the screen off. Pushing and holding  will also turn off the screen. Push the  to turn the screen back on.
[Brightness]	Adjusts the brightness of the display.
[Contrast]	Adjusts the contrast of the display.
[Background Color]	Changes the background color of the map screen. Select the color mode from [Day] and [Night]. Pushing  will also change the background color.

VOLUME AND BEEPS SETTINGS

The volume of various functions including audio, phone, navigation voice guidance, and system beeps can be adjusted.

1. Touch [Settings] on the Launch Bar.
2. Touch [Volume & Beeps].

2. Getting started

Available setting items

Setting item	Action
[Audio Volume]	Adjusts the volume level of the audio system.
[Guidance Volume]	Adjusts the volume level of the guidance voice and the voice recognition system voice responses.
[Ringtone]	Adjusts the volume level of the ringtone of incoming calls.
[Incoming Call]	Adjusts the incoming call volume.
[Outgoing Call]	Adjusts the outgoing call volume.
[NissanConnect Svcs.]	Adjusts the volume level of "text-to-speech" for text messaging.
[Button Beeps]	Turns on/off the button beep sound and alarm for a prohibited operations.
[Guidance Voice]	Turns on/off the voice guidance.

LANGUAGE AND UNIT SETTINGS

This changes the display language and measurement unit used in the system.

1. Touch [Settings] on the Launch Bar.
2. Touch [Language & Units].

Available setting items

Setting item	Action
[Select Language]	Selects the system language. The language setting is applied to the touch screen display, voice announcements, the voice recognition system. It can also be applied to the vehicle information display.
[Select Units]	Selects the system unit. The unit setting can also be applied to the information vehicle display.



INFO:

Do not change the position of the ignition switch while changing the language.

If the selected language is also supported by the vehicle information display, a confirmation message asking if you would like to also change the language for the vehicle information display is displayed. Select [Yes] to change the language

on the vehicle information display.

CLOCK SETTINGS

Clock settings of the system can be changed.

1. Touch [Settings] on the Launch Bar.
2. Touch [Clock].

Available setting items

Setting item	Action
[On-screen Clock]	Sets the clock display on/off. When this item is on, the clock display appears.
[Clock Format (24h)]	Turns on/off the 24-hour display mode. When turned off, the clock is set to the 12-hour mode.
[Offset (hour)]	Adjusts the offset value (hour).
[Offset (min)]	Adjusts the offset value (minutes).
[Daylight Savings Time]	Turns on/off the daylight saving time setting.
[Time Zone]	Select an appropriate time zone from the list. When selecting [Auto], the system selects the time zone automatically.

CONNECTING BLUETOOTH® DEVICE

Your vehicle is equipped with the Bluetooth® Hands-Free Phone System and Bluetooth® audio device. If you are an owner of a compatible Bluetooth® enabled cellular phone or Bluetooth® audio device, you can set up the wireless connection between your cellular phone and the in-vehicle phone module or Bluetooth® audio and in-vehicle audio module. With Bluetooth® wireless technology, you can make or receive a telephone call with your cellular phone in your pocket and listen to Bluetooth® audio.

Connecting cellular phone/audio device

To use the Bluetooth® device with the in-vehicle system for the first time, the device connection operation is required.

1. Touch [Settings] on the Launch Bar.
2. Touch [Bluetooth] and touch [Connect Device]. A message is displayed.
3. Touch [Yes] to connect a cellular phone. Touch [No] to connect an audio device and operate as guided by the system. (Operations may differ depending on the device.)



NOTE:

Some cellular phones or other devices may cause interference or a buzzing noise to come from the audio system speakers. Storing the device in a different location may reduce or eliminate the noise.



INFO:

- Up to 5 Bluetooth® devices can be connected. If 5 devices are already connected, one of the devices must first be deleted before another device can be connected.
 "Bluetooth® settings" (page 2-17)
- The pairing procedure of the cellular phone varies according to each cellular phone. See the cellular phone Owner's Manual for the details.
- Visit www.nissanusa.com/bluetooth/ for a recommended Bluetooth® device.

Bluetooth® settings

The Bluetooth® settings can be changed according to the your preference.

1. Touch [Settings] on the Launch Bar.
2. Touch [Bluetooth].

3. Touch a preferred item.

Available setting items

Setting item	Action
[Bluetooth]	Turns the Bluetooth® connection to the vehicle on/off.
[Connect Device]	Bluetooth® devices can be connected to the in-vehicle system.
[Select BT Device]	Registered Bluetooth® devices are shown on the list. Select a device you wish to use from the list. You can also edit the name, delete registered devices or display information of the registered device.
[Edit Bluetooth Information]	The in-vehicle system name and the PIN code can be changed. A device address can also be viewed.



INFO:

From [Edit Bluetooth Information], the device name that appears on the screen can be changed and be renamed from the name set as default to the preferred name (such as "Steve's Car" for example).

2. Getting started

MEMO

3 Audio system

Audio operation precautions	3-2	Compact Disc (CD) player	3-17
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Compact Disc (CD) player	3-4	iPod® player	3-23
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Audio main operation	3-11		
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3. Audio system

AUDIO OPERATION PRECAUTIONS

CAUTION

- **Operate the audio system only when the vehicle engine is running. Operating the audio system for extended periods of time with the engine turned off can discharge the vehicle battery.**
- **Do not allow the system to get wet. Excessive moisture such as spilled liquids may cause the system to malfunction.**

RADIO

Place the ignition switch in the "ACC" or "ON" position before turning on the radio. If you listen to the radio with the engine not running, the ignition switch should be placed in the "ACC" position.

Radio reception is affected by station signal strength, distance from radio transmitter, buildings, bridges, mountains and other external influences. Intermittent changes in reception quality normally are caused by these external influences.

Using a cellular phone in or near the vehicle may influence radio reception quality.

Radio reception

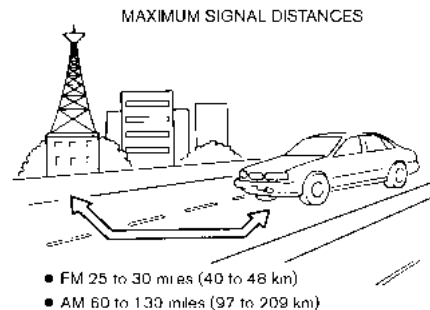
Your radio system is equipped with state-of-the-art electronic circuits to enhance radio reception. These circuits are designed to extend reception range, and to enhance the quality of that reception.

However there are some general characteristics of both FM and AM radio signals that can affect radio reception quality in a moving vehicle, even when the finest equipment is used. These characteristics are completely normal in a given reception area, and do not indicate any malfunction in your radio system.

Reception conditions will constantly change because of vehicle movement. Buildings, terrain, signal distance and interference from other vehicles can work against ideal reception. Described below are some of the factors that can affect your radio reception.

Some cellular phones or other devices may cause interference or a buzzing noise to come from the audio system speakers. Storing the device in a different location may reduce or eliminate the noise.

FM radio reception



Range: the FM range is normally limited to 25 to 30 miles (40 to 48 km), with monaural (single station) FM having slightly more range than stereo FM. External influences may sometimes interfere with FM station reception even if the FM station is within 25 miles (40 km). The strength of the FM signal is directly related to the distance between the transmitter and receiver. FM signals follow a line-of-sight path, exhibiting many of the same characteristics as light. For example they will reflect off objects.

Fade and drift: As your vehicle moves away from a station transmitter, the signals will tend to fade

and/or drift.

Static and flutter: During signal interference from buildings, large hills or due to antenna position, usually in conjunction with increased distance from the station transmitter, static or flutter can be heard. This can be reduced by lowering the treble setting to reduce the treble response.

Multipath reception: Because of the reflective characteristics of FM signals, direct and reflected signals reach the receiver at the same time. The signals may cancel each other, resulting in momentary flutter or loss of sound.

AM radio reception

AM signals, because of their low frequency, can bend around objects and skip along the ground. In addition, the signals can bounce off the ionosphere and be bent back to earth. Because of these characteristics, AM signals are also subject to interference as they travel from transmitter to receiver.

Fading: Occurs while the vehicle is passing through freeway underpasses or in areas with many tall buildings. It can also occur for several seconds during ionospheric turbulence even in areas where no obstacles exist.

Static: Caused by thunderstorms, electrical power lines, electric signs and even traffic lights.

HD Radio™ Technology reception (for U.S.)

HD Radio Technology reception needs to be activated to receive HD Radio broadcasts.

 "Radio Menu" (page 3-14)

This enables you to receive radio broadcasts digitally (where available), providing a better quality sound with clear reception. When this feature is not activated or HD Radio broadcasts are not available, you will receive analog radio (AM/FM) broadcasts.

Satellite radio reception

When the satellite radio is used for the first time or the battery has been replaced, the satellite radio may not work properly. This is not a malfunction. Wait more than 10 minutes with the satellite radio ON and the vehicle outside of any metal or large building for the satellite radio to receive all of the necessary data.

SiriusXM services require a subscription after trial period and are sold separately or as a package. The satellite service is available only in the 48 contiguous USA and DC. SiriusXM satellite service is also available in Canada; see www.siriusxm.ca.

The satellite radio performance may be affected if cargo carried on the roof blocks the satellite

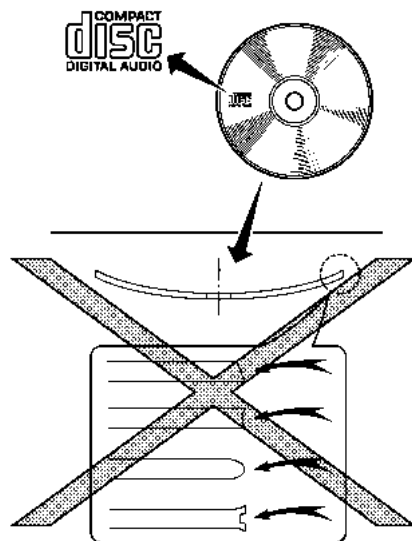
radio signal.

If possible, do not put cargo near the satellite antenna.

A buildup of ice on the satellite radio antenna can affect satellite radio performance. Remove the ice to restore satellite radio reception.

3. Audio system

COMPACT DISC (CD) PLAYER



- Do not force a compact disc into the CD insert slot. This could damage the CD and/or CD player.
- Trying to load a CD with the CD door closed could damage the CD and/or CD player.

- During cold weather or rainy days, the player may malfunction due to the humidity. If this occurs, remove the CD and dehumidify or ventilate the player completely.
- The player may skip while driving on rough roads.
- The CD player sometimes cannot function when the passenger compartment temperature is extremely high. Decrease the temperature before use.
- Only use high quality 4.7 in (12 cm) round discs that have the "COMPACT disc DIGITAL AUDIO" logo on the disc or packaging.
- Do not expose the CD to direct sunlight.
- CDs that are of poor quality, dirty, scratched, covered with fingerprints or that have pin holes may not work properly.
- The following CDs may not work properly:
 - Copy control compact discs (CCCD)
 - Recordable compact discs (CD-R)
 - Rewritable compact discs (CD-RW)
- Do not use the following CDs as they may cause the CD player to malfunction.
 - 3.1 in (8 cm) discs

- CDs that are not round
- CDs with a paper label
- CDs that are warped, scratched, or have abnormal edges

- This audio system can only play prerecorded CDs. It has no capabilities to record or burn CDs.
- If the CD cannot be played, one of the following messages will be displayed.

Disc read error:

Indicates a CLV, Focus, TOC or Access error. Check and reinsert the CD. Make sure that it is inserted correctly.

Please eject disc:

Indicates a mechanism error. If the CD can be ejected, eject and reinsert the CD. If the CD cannot be ejected, contact a NISSAN dealer.

Unplayable file:

Indicates that a readable file is not found on the inserted CD. Check the data in your CD.

USB (Universal Serial Bus) CONNECTION PORTS



WARNING

Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.



CAUTION

- **Do not force the USB device into the USB port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into the USB port.**
- **Do not grab the USB port cover (if so equipped) when pulling the USB device out of the port. This could damage the port and the cover.**
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.**

The vehicle is not equipped with a USB device. USB devices should be purchased separately as necessary.

This system cannot be used to format USB devices. To format a USB device, use a personal computer.

In some states/areas, the USB device for the front seats plays only sound without images for regulatory reasons, even when the vehicle is parked.

This system supports various USB memory devices, USB hard drives and iPod® players. Some USB devices may not be supported by this system.

- Partitioned USB devices may not be played correctly.
- Some characters used in other languages (Chinese, Japanese, etc.) are not displayed properly on the display. Using English language characters with a USB device is recommended.

General notes for USB use:

Refer to your device manufacturer's owner information regarding the proper care of the device.

Notes for iPod® use:

- Improperly plugging in the iPod® may cause a checkmark to be displayed on and off (flickering). Always make sure that the iPod® is connected properly.
- Audiobooks may not play in the same order as they appear on an iPod®.

3. Audio system

Specification chart for USB

Supported media	USB2.0
Supported file systems	FAT12, FAT16, FAT32
Folder levels	Folder levels: 8, Files via folder: 255, Folders: 512 (including root folder), Files: 8000
Tag information (Song title, Artist name and Album name)	ID3 tag VER1.0, VER1.1, VER2.2, VER2.3, VER2.4 (MP3 only)
	WMA tag (WMA only)
	AAC tag (AAC only)

Format			Sampling frequency	Supported bitrate
MP3 *1	MPEG1	Layer-3	32, 44.1, 48 kHz	32-320 kbps
	MPEG2		16, 22.05, 24 kHz	8-160 kbps
WMA *2			8, 11.025, 16 ,22.05, 32, 44.1, 48 kHz	12-192 kbps
AAC (MPEG4) *3 (Extension "m4a" only)			11.025, 16, 22.05, 32, 44.1, 48 kHz	8-320 kbps

*1 MPEG2.5 is not supported.

*2 WMA7, WMA8, WMA9, WMA9.1, WMA9.2 are supported. (WMA9 Professional, Lossless, Voice are not supported.)

*3 Only AAC files encoded by iTunes® are supported. HE-AAC (High-Efficiency) is not supported.

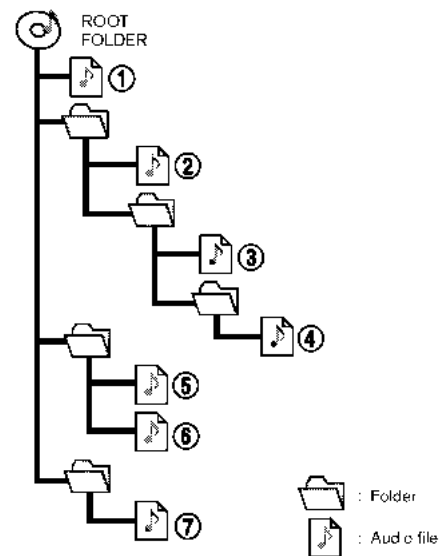
COMPRESSED AUDIO FILES (MP3/WMA/AAC)

Explanation of terms

- **MP3** — MP3 is short for Moving Pictures Experts Group Audio Layer 3. MP3 is the most well known compressed digital audio file format. This format allows for near “CD quality” sound, but at a fraction of the size of normal audio files. MP3 conversion of an audio track can reduce the file size by approximately a 10:1 ratio (Sampling: 44.1 kHz, Bit rate: 128 kbps) with virtually no perceptible loss in quality. The compression reduces certain parts of sound that seem inaudible to most people.
- **WMA** — Windows Media Audio (WMA) is a compressed audio format created by Microsoft as an alternative to MP3. The WMA codec offers greater file compression than the MP3 codec, enabling storage of more digital audio tracks in the same amount of space when compared to MP3s at the same level of quality.
- **Bit rate** — Bit rate denotes the number of bits per second used by a digital music file. The size and quality of a compressed digital audio file is determined by the bit rate used when encoding the file.

- **Sampling frequency** — Sampling frequency is the rate at which the samples of a signal are converted from analog to digital (A/D conversion) per second.
- **Multisession** — Multisession is one of the methods for writing data to media. Writing data once to the media is called a single session, and writing more than once is called a multisession.
- **ID3/WMA tag** — The ID3/WMA tag is the part of the encoded MP3 or WMA file that contains information about the digital music file such as song title, artist, album title, encoding bit rate, track time duration, etc. ID3 tag information is displayed on the Album/Artist/Track title line on the display.

Playback order



- The folder names of folders not containing compressed audio files are not shown on the display.
- The playback order is the order in which the files were written by the writing software, so

3. Audio system

the files might not play in the desired order.

- Music playback order of compressed audio files is as illustrated.

Specification chart for CD

Supported media			CD, CD-R, CD-RW
Supported file systems			CD, CD-R, CD-RW
Supported versions*1	MP3	Version	MPEG1 Audio Layer3, MPEG2 Audio Layer3
		Sampling frequency	MPEG1 Audio Layer3: 32kHz, 44.1kHz, 48kHz MPEG2 Audio Layer3: 16kHz, 22.05kHz, 24kHz
		Bit rate	MPEG1 Audio Layer3: 32 kbps - 320 kbps MPEG2 Audio Layer3: 8 kbps - 160 kbps
	WMA*2	Version	WMA7, WMA8, WMA9, WMA9.1, WMA9.2
		Bit rate/Sampling frequency	Bit rate: Ver7, Ver8: 32-192kbps Ver9, Ver9.1, Ver9.2: 32-192kbps, VBR Sampling frequency: Ver7, Ver8: 8k/11.025k/16k/22k/32k/44.1k Ver9, Ver9.1, Ver9.2: 8k/11.025k/16k/22k/32k/44.1k/48 kHz
	AAC*3	Bit rate/Sampling frequency	Bit rate: 8-256 kbps, VBR Sampling frequency: 11.025-48kHz
Tag information (Song title, Artist name and Album name)			ID3 tag VER1.0, VER1.1, VER2.2, VER2.3, VER2.4 (MP3 only) WMA tag (WMA only) AAC tag (AAC only)
Folder levels			CD, CD-R, CD-RW: Folder levels: 8, Folders: 255 (including root folder), Files: 510 (Max. 255 files for one folder)
Displayable character codes*4			01: SHIFT-JIS, ASCII, ISO-8859-1, UTF-8, UTF-16 BOM, UTF-16 Big Endian, UTF-16 Little Endian, 02: UNICODE, 03: UTF-16

*1 Files created with a combination of 48 kHz sampling frequency and 64 kbps bit rate cannot be played.

*2 Protected WMA files (DRM) cannot be played.

*3 Made by iTunes®.

*4 Available codes depend on what kind of media, versions and information are going to be displayed.

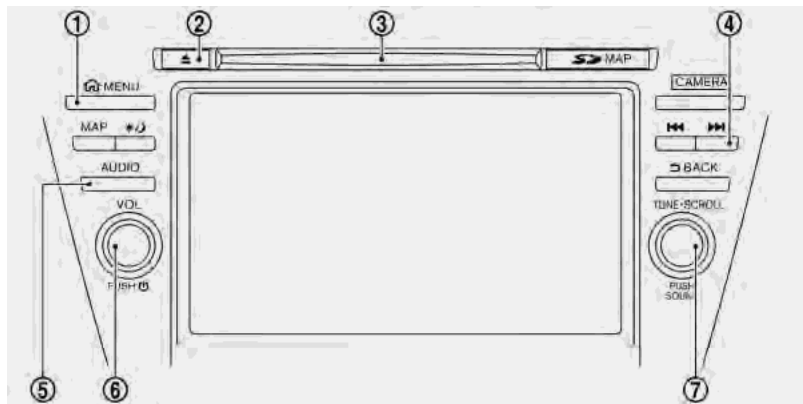
BLUETOOTH® STREAMING AUDIO

- Some Bluetooth® audio devices may not be recognized by the in-vehicle audio system.
- It is necessary to set up the wireless connection between a compatible Bluetooth® audio device and the in-vehicle Bluetooth® module before using the Bluetooth® streaming audio.
- The Bluetooth® streaming audio may stop playing when
 - receiving a hands-free call.
 - checking the connection to the hands-free phone.
 - connecting the hands-free phone or the audio device.
 - downloading the phonebook memory from the connected cellular phone.
- Do not place a Bluetooth® audio device in an area surrounded by metal or far away from the in-vehicle Bluetooth® module to prevent tone quality degradation and wireless connection disruption.
- While an audio device is connected through a Bluetooth® wireless connection, the battery of the device may discharge quicker than usual.
- This system supports the Bluetooth® Advanced Audio Distribution Profile (A2DP) and Audio/Video Remote Control Profile (AVRCP).
- Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when using the Bluetooth® functions.

3. Audio system

NAMES AND FUNCTIONS OF AUDIO CONTROL BUTTONS

AUDIO MAIN BUTTONS



① **<MENU>:**

Push this button to go to the menu screen.

② **< ▲ >:**

Push to eject a CD.

③ **CD slot:**

Insert a CD with the label side facing up.

④ **< ◀ ▶ > / ◀ ▶ ▶ ▶ >:**

Selecting and fast-forwarding/rewinding tracks and radio station/channel scanning can be performed.

⑤ **<AUDIO>:**

Push to display the audio screen of the previously selected source.

Push again to display the audio source list

screen.

⑥ **<VOL/ ⏻ >:**

Push to turn on/off the audio system.

Turn to adjust the volume.

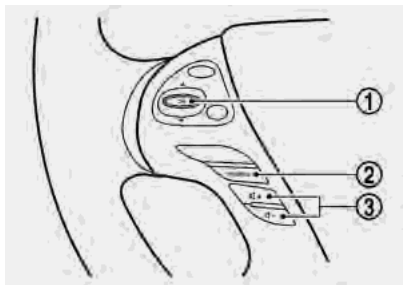
⑦ **<TUNE-SCROLL/SOUND>:**

Turn to manually tune AM/FM, to select SXM categories and to select MP3/WMA/AAC folders.

Push to select the highlighted item when a menu screen is displayed. When this button is pushed when no item on the screen is highlighted, the audio settings can be changed.

 "Audio adjustments when map, audio or HOME MENU is displayed"
(page 3-32)

STEERING WHEEL MOUNTED AUDIO CONTROL BUTTONS



① **< ▲ > / < ▼ > :**

Tilting the switch up/down while the audio system is turned on can operate the audio system such as changing tracks and radio preset stations/channels.

② **<SOURCE> :**

Push the switch to change the mode to available audio source.

③ **< 🔊 + > / < 🔊 - > (Volume control):**

Push the switches to increase or decrease the volume.



INFO:

Steering wheel switches are mainly for the vehicle information display control and may not be able to operate the touch screen display depending on the conditions. Follow the pop-up guide messages and labels shown on the vehicle information display.

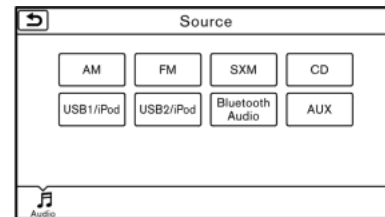
AUDIO OPERATIONS

AUDIO MAIN OPERATION

Turning audio system on/off

The ignition switch must be in the “ACC” or “ON” position to turn on the audio system. Push **<VOL/ 🔊 >** to turn on the last audio source that was playing immediately before the system was turned off. Pushing **<AUDIO>** will also turn on the audio system and the corresponding audio screen will be displayed for operation. To turn off the audio system, push **<VOL/ 🔊 >** again.

Selecting audio source



1. Push **<AUDIO>** or touch [Audio] on the Launch Bar when the audio screen is displayed.

3. Audio system

2. Select an item from the audio source menu screens.

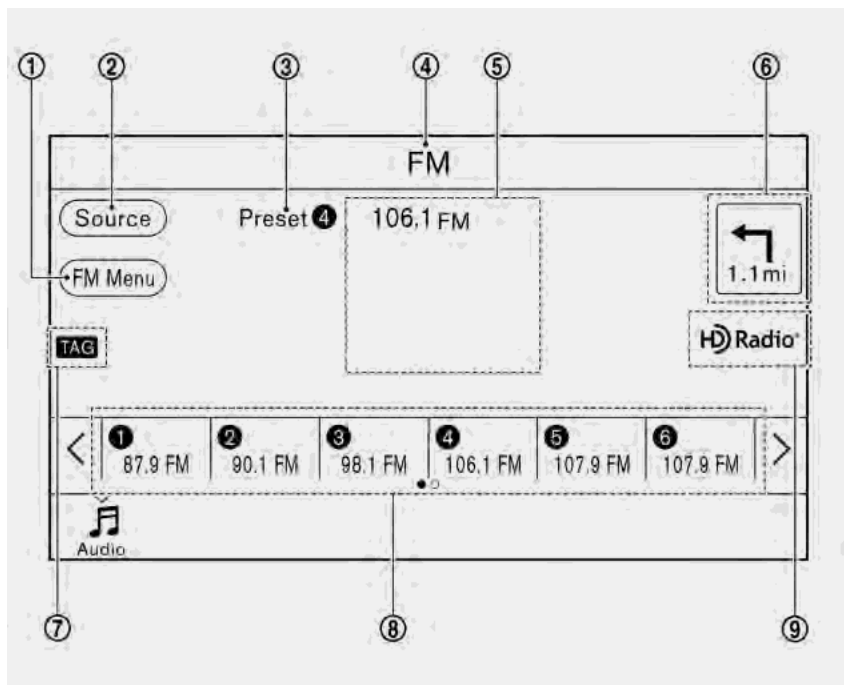


INFO:

Touching [Source] on the upper left corner of the audio screen will also display the audio source menu screen.

RADIO

How to view radio screen



The radio screen can be viewed and operated on the touch screen display.

① [AM Menu]/[FM Menu]/[SXM Menu]:

Touch to display the radio menu screen.

 "Radio Menu" (page 3-14)

② [Source]:

Touch to display the audio source screen to select the other audio source.

 "Selecting audio source" (page 3-11)

③ Preset number:

A preset number is displayed if the current frequency is stored as a preset station/channel.

④ Audio source indicator:

Indicates the currently selected audio source.

⑤ Reception information display:

Reception information available at the time such as frequency, station/channel name, etc. are displayed.

⑥ Turn direction indicator:

When a route to the destination is set, turning direction and the distance to the next turn is displayed.

⑦ TAG indicator (for U.S.):

TAG indicator is displayed if the iTunes® Tagging information exists in the HD broadcast receiving.

 "Radio Menu" (page 3-14)

⑧ Preset list:

To listen to a preset station, touch the corresponding key in the preset list. Touch [<] or [>] to scroll the preset list. Touch and hold one of the keys in the preset list to store the station/channel currently tuned to.

 "Presetting" (page 3-14)

⑨ Mode indicator (for U.S.):

HD Radio icon will appear when HD mode setting is turned on.

 "Radio Menu" (page 3-14)

"Live" will appear when in ballgame mode during reception of the HD broadcast.



INFO:

HD Radio (for U.S.) reception needs to be activated to receive HD Radio broadcasts. This enables you to receive radio broadcasts digitally (where available), providing a better quality sound with clear reception. When this feature is not activated or HD Radio broadcasts are not available, you will receive analog radio (AM/FM)

broadcasts.

 "Radio Menu" (page 3-14)

Radio operation

Radio activation and band selection:

To listen to the radio, turn on the audio system and select a preferred radio band on the audio source menu screen.

 "Selecting audio source" (page 3-11)



INFO:

When the stereo broadcast signal is weak, the radio will automatically change from stereo to monaural reception.

Seeking stations/channels:

Tilt and hold < ▲ > / < ▼ > on the steering wheel to seek up/down to the next receivable broadcast station/channel.

To tune to stations/channels manually, turn < **TUNE-SCROLL/SOUND** > until the preferred station is selected.

Scan tuning:

To scan tune the stations/channels, touch [FM Menu], [AM Menu] or [SXM Menu] on the radio screen and then touch [Scan]. The stations/channels will be tuned from low to high

3. Audio system

frequencies and stop at each broadcasting station/channel for several seconds. Touching [Scan] again during this period of several seconds will stop scan tuning and the radio will remain tuned to that station/channel.

Pushing < ⏮ > / < ⏭ > will also scan tune the stations/channels.

Presetting:

Up to 6 for AM, 12 for FM, and 18 for SXM stations/channels can be registered in the preset list.

1. Select a radio band (AM, FM or SXM).
2. Tune to the station/channel you wish to store in the preset list.
3. Touch and hold one of the preset numbers in the preset list.
4. The information such as frequency (AM/FM), channel number (SXM), etc. will be displayed on the preset list.



INFO:

Tilting < ▲ > / < ▼ > on the steering wheel briefly will scroll up/down the preset stations/channels.

Radio Menu

Touch [FM Menu], [AM Menu], and [SXM Menu] on the FM, AM or SXM screen to display the corresponding screen.

The following items are available.

FM/AM menu:

[Scan]	Touch to scan tune the stations.  "Radio operation" (page 3-13)
[Tag] (HD Radio broadcasts only)	Touch to register the tag information for iTunes® Tagging. If an iPod® is plugged in after the registration, the tag information can be stored in an iPod® and be used to purchase the songs via iTunes®.
[Station List]	Touch to display the available station list. Touch [Update Station List] to update the station list.
[HD Radio Mode] (HD Radio broadcasts only)	When this item is turned on, the analog and digital reception switches automatically. When this item is turned off, the reception is fixed in the analog mode.

SXM menu:

[Scan]	Touch to scan tune the channels.  "Radio operation" (page 3-13)
[Tag]	Touch to register the tag information for iTunes® Tagging. If an iPod® is plugged in after the registration, the tag information can be stored in an iPod® and be used to purchase the songs via iTunes®.
[Replay]	Up to 30 minutes of the broadcast of the channel that has been tuned in to can be replayed. Touch to select from [▶], [⏮], [⏪], [⏩], [⏭] and [⏴].
[Favorite]	Touch to display a pop-up screen to register the content of an active channel. On the registration screen, touch [Artist] to save to a list of favorite artist. Touch [Song] to save to a list of favorite songs. Touch [Cancel] to close the registration screen.
[Categories/Genres]	Touch to display the category/genre list.
[Customize Channel List]	Touch to customize the channel list. Only the selected channels will be tuned in to when you seek or scan the channels. You can select each item or select [All Select]/[All Clear].

3. Audio system

[Favorite Artists]		Touch to display a list of saved artists. Up to 8 artists can be stored. To turn on alerts for a favorite artist, select the artist and touch [Turn Alerts ON].
[Favorite Songs]		Touch to display a list of saved songs. Up to 8 songs can be stored. To turn on alerts for a favorite song, select the song and touch [Turn Alerts ON].
[Direct Tune]		Touch to display the keypad to enter the frequency and directly tune to the channel.
[Artist Alert History]		Touch to display the artist alert history.
[Song Alert History]		Touch to display the song alert history.
[Alert Settings]	[Alerts for Artists]	Touch to turn on/off the alert notice.
	[Alerts for Songs]	Favorite artists and songs can be registered to receive an alert notice when a song of the registered conditions is on the radio. To tune to the respective channel, touch [Tune] on the alert screen. The alert can be ignored by touching [Cancel].
	[Alerts on non-Audio screens]	
[Channel Lock Settings]		Touch to select or unselect the channel that you wish to lock out. A passcode is required to change the settings. The default passcode is "1234" and it can be changed from this menu.



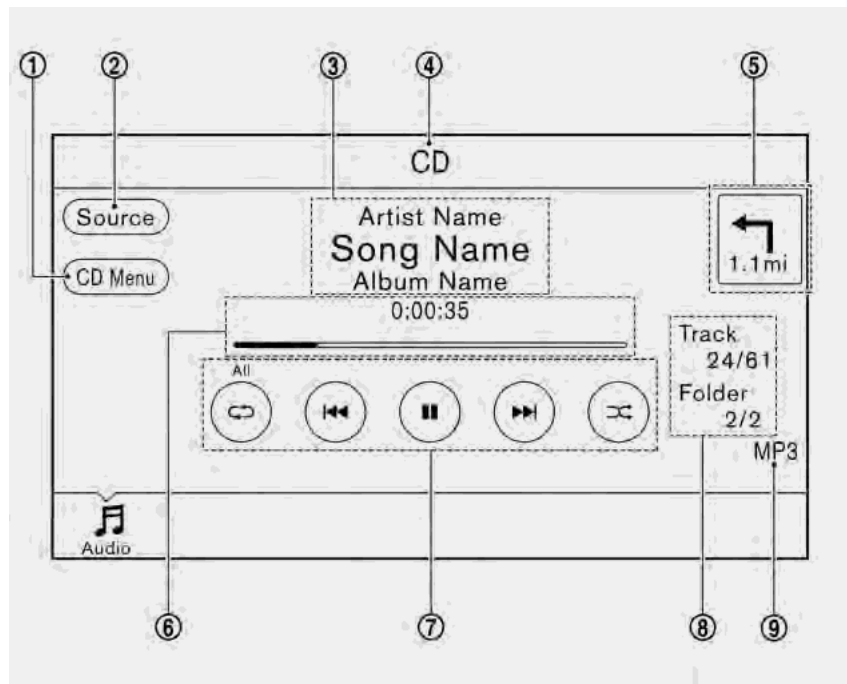
INFO:

- SiriusXM services require a subscription after trial period and are sold separately or as a package. The satellite service is available only in the 48 contiguous USA and DC. SiriusXM satellite service is also available in Canada; see www.siriusxm.ca.
- It may take some time to receive the activation signal after the initiation of the SiriusXM Satellite Radio subscription. After receiving the activation signal, an available channel list will automatically be updated in the radio. Change the position of the ignition

switch from "LOCK" to "ACC" to update the SiriusXM channel list.

COMPACT DISC (CD) PLAYER

How to view CD screen



- ① [CD Menu]:
Touch to display the CD Menu screen.
☞ “CD Menu” (page 3-19)
- ② [Source]:
Touch to switch to the source select screen.
☞ “Selecting audio source” (page 3-11)
- ③ Track information:
Track information such as the song title, artist name and album name are displayed.
- ④ Audio source indicator:
Indicates that CD is currently selected among other sources.
- ⑤ Turn direction indicator:
When a route to the destination is set, the turn direction and the distance to the next turn are displayed.
- ⑥ Play time and progress bar:
The play time of the track is displayed. The bar indicates the progress in playing the current track.
- ⑦ CD operation keys:
Touch an icon for operations.

3. Audio system

[↺]	Each time [↺] is touched, the repeat mode changes. [🔧] "Changing play mode" (page 3-18)
[⏮]	Touch once to return to the beginning of the current track. Touch again to select the previous track. Touch and hold to rewind the current track.
[▶]	Touch to play the track.
[⏸]	Touch to pause the track.
[⏭]	Touch to select the next track. Touch and hold to fast-forward the track.
[↻]	Each time [↻] is touched, the random mode changes. [🔧] "Changing play mode" (page 3-18)

- ⑧ Track and folder number:
Indicates the track number and the folder number.
- ⑨ Data type indicator:
Indicates the type of data currently playing.

CD player operation

Loading:

Insert a CD into the slot with the label side facing up. The CD will be guided automatically into the slot and start playing.

After loading the CD, the CD screen will appear on the display.

Activation and playing:

The CD mode can be also selected from the source list with a CD loaded.

[🔧] "Selecting audio source" (page 3-11)

To play the CD, touch [▶].

Touch [⏸] to pause.

Skipping tracks:

To skip to the previous or the next track, push <⏮>/<⏭>, touch [⏮]/[⏭] on the CD screen, or tilt up/down <▲>/<▼> on the steering wheel briefly.

Skipping folders:

Turn <TUNE-SCROLL/SOUND> to skip to different folders. If no folders are found, tracks will be skipped.

Fast-forwarding/rewinding:

The following operation methods are available for rewinding and fast-forwarding the track.

Control panel operation:

- Push and hold <⏮>/<⏭>.
- Touch and hold [⏮]/[⏭].

Steering wheel switch operation:

- Tilt and hold <▲>/<▼>.

Changing play mode:

Repeat mode

Touch [↺] on the CD screen to change the repeat mode as follows.

- CD:
[Disc] ⇔ [1 Track]
- CD with compressed audio files:
[All] → [1 Track] → [1 Folder] → [All]

Random mode

Touch [↻] on the CD screen to change the random mode as follows.

- CD:
(off) ⇔ [Disc]
- CD with compressed audio files:
(off) → [1 Folder] → [All] → (off)

Ejecting CD:

Push < ▲ > to eject a CD. If the CD is ejected and left unremoved, it will be reloaded into the slot for protection.



INFO:

The ignition switch must be placed in the “ACC” or “ON” position in order for the CD to eject.

CD Menu

Touch [CD Menu] on the CD screen to display the CD menu screen.

The following items are available.

[Now Playing]	Touch to display the CD screen.
[Scan]	Touch to scan the tracks on the CD. During scanning, the first several seconds of all the tracks will be played. Touching [Scan] again will cancel the scanning mode and the CD will return to play normally from the track which is playing.
[Folder List]*	Touch to display the folder list. Touch an item on the list to select the folder.
Track List	A list of the tracks on the CD is displayed. Touch an item on the list to select the track.

*: Displayed only when available.

3. Audio system

USB MEMORY DEVICE PLAYER

Connecting USB memory device



WARNING

Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.



CAUTION

- **Do not force the USB device into the USB port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into the USB port.**
- **Do not grab the USB port cover (if so equipped) when pulling the USB device out of the port. This could damage the port and the cover.**
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.**

Refer to your device manufacturer's owner information regarding the proper use and care of the device.

The USB ports are located inside the vehicle compartment.



"USB (Universal Serial Bus) Connection Ports and AUX (auxiliary) input jack" (page 2-5)

When compatible storage devices are plugged into the port, compatible audio files on the storage devices can be played through the vehicle's audio system.



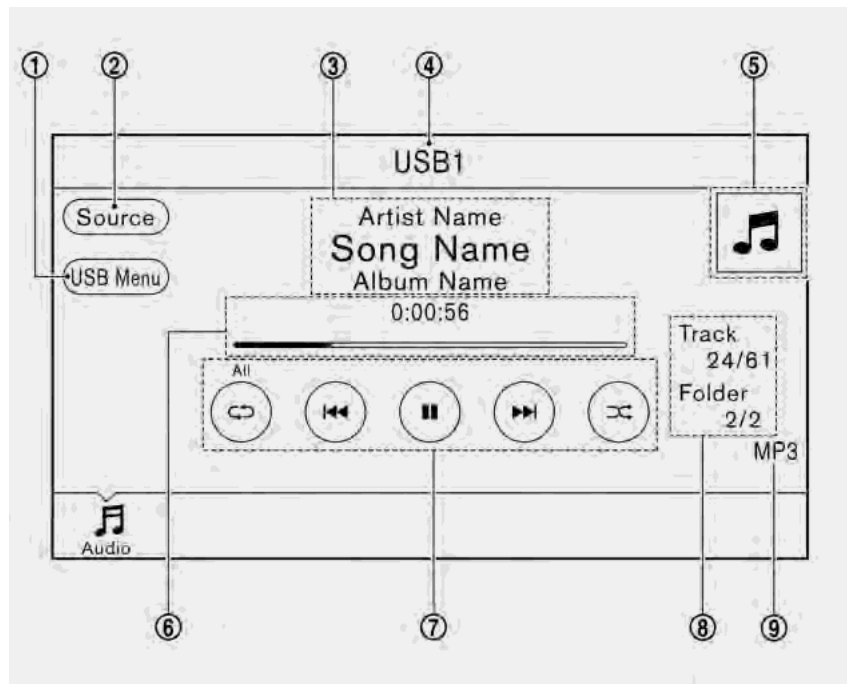
INFO:

Only one of the two connected USB devices can be operated with the voice recognition system.



"Voice recognition settings" (page 7-17)

How to view USB screen



- ① [USB Menu]:
Touch to switch to the USB Menu screen.
👉 "USB Menu" (page 3-22)
- ② [Source]:
Touch to switch to the source select screen.
👉 "Selecting audio source" (page 3-11)
- ③ Track information:
Track information such as the song title, artist name and album name are displayed.
- ④ Audio source indicator:
Indicates which USB memory device (USB1 or USB2) is currently selected.
- ⑤ Album artwork/Turn direction indicator:
Image of an album artwork is displayed when available if the setting is turned on.
👉 "USB Menu" (page 3-22)
When the album artwork display setting is turned off, the turn direction and the distance to the next turn are displayed when a route is set with the navigation system.
- ⑥ Play time and progress bar:
The play time of the track is displayed. The bar indicates the progress in playing a track.
- ⑦ USB operation keys:
Touch an icon for operations.

3. Audio system

[↺↻]	Each time [↺↻] is touched, the repeat mode changes. ☞ "Changing play mode" (page 3-22)
[◀◀]	Touch to return to the beginning of the current track. Touch again to select the previous track. Touch and hold to rewind the current track.
[▶]	Touch to play the track.
[⏏]	Touch to pause the track.
[▶▶]	Touch to select the next track. Touch and hold to fast-forward the track.
[↺↻]	Each time [↺↻] is touched, the random mode changes. ☞ "Changing play mode" (page 3-22)

- ⑧ Track and folder number:
Indicates the track number and the folder number.
- ⑨ Data type indicator:
Indicates the type of data currently playing.

USB memory device player operation

Activation and playing:

Connecting the USB memory device into the port will activate the USB mode.

USB memory device can also be played by selecting the source on the audio source menu screen.

☞ "Selecting audio source" (page 3-11)

To pause playing the USB memory device, touch [⏏]. To resume playing, touch [▶].

Skipping tracks:

To skip to the previous or the next track, push <◀▶>/<▶▶>, touch [◀◀]/[▶▶] on the CD screen, or tilt up/down <▲>/<▼> on the steering wheel briefly.

Skipping folders:

Turn <TUNE-SCROLL/SOUND> to skip to different folders. If no folders are found, tracks will be skipped.

Fast-forwarding/rewinding:

To rewind or fast-forward the track, push and hold <◀▶>/<▶▶>, touch and hold [◀◀]/[▶▶], or tilt and hold <▲>/<▼> on the steering wheel.

Changing play mode:

Repeat mode

Touch [↺↻] on the screen to change the repeat mode as follows.

- Data without compressed audio files:
[Disc] ⇔ [1 Track]
- Data with compressed audio files:
[All] → [1 Track] → [1 Folder] → [All]

Random mode

Touch [↺↻] on the screen to change the random mode as follows.

- Data without compressed audio files:
(off) ⇔ [Disc]
- Data with compressed audio files:
(off) → [1 Folder] → [All] → (off)

USB Menu

Touch [USB Menu] on the USB screen to display the USB Menu screen.

The following items are available.

[Now Playing]	Touch to display the USB screen.
[Scan]	Touch to scan the tracks in the USB memory device. During scanning, the first several seconds of all the tracks will be played. Touching [Scan] again will cancel the scanning mode and the USB memory device will return to play normally from the track which is playing.
[Folder List]*	Touch to display the folder list. Touch an item on the list to select the folder.
[Album Art-work]	Touch to turn on/off the album artwork display on the USB screen.
Track List	A list of the tracks in the USB is displayed. Touch an item on the list to select the track.

*: Displayed only when available.

iPod® PLAYER

Connecting iPod®



WARNING

Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.



CAUTION

- **Do not force the USB device into the USB port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into the USB port.**
- **Do not grab the USB port cover (if so equipped) when pulling the USB device out of the port. This could damage the port and the cover.**
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.**

Connect the iPod® to the USB port(s).

 "USB (Universal Serial Bus) Connection Ports and AUX (auxiliary) input jack" (page 2-5)

The battery of the iPod® will be charged while the device is connected to the vehicle if the iPod® supports charging via a USB connection.

Depending on the model and firmware version of the iPod®, the display on the iPod® shows a NISSAN or Accessory Attached screen when the connection is completed. When the iPod® is connected to the vehicle, the iPod® music library can only be operated by the vehicle audio controls.

Compatibility:

Made for

- iPod® (5th generation)
- iPod touch® (4th generation)
- iPod touch® (3rd generation)
- iPod touch® (2nd generation)
- iPod touch® (1st generation)
- iPod touch®
- iPod classic® (80G/160GB)

3. Audio system

- iPod classic® (120GB)
- iPod nano® (7th generation)
- iPod nano® (6th generation)
- iPod nano® (5th generation)
- iPod nano® (4th generation)
- iPod nano® (3rd generation)
- iPod nano® (2nd generation)
- iPod nano® (1st generation)
- iPhone® 5
- iPhone® 4S
- iPhone® 4
- iPhone® 3GS
- iPhone® 3G
- iPhone®



INFO:

- Make sure that the iPod® firmware is updated.
- The Lightning™ connector works with iPhone® 5, iPod touch® (5th generation), and iPod nano® (7th generation).

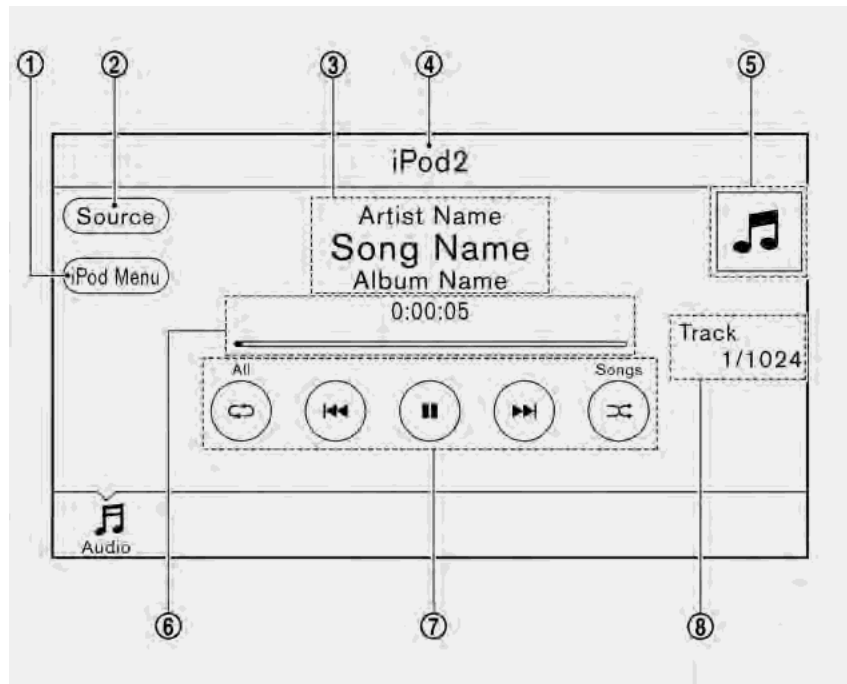
The 30-pin connector works with iPhone® 4S, iPhone® 4, iPhone® 3GS, iPhone® 3G,

iPhone®, iPod touch® (1st through 4th generation), iPod classic® and iPod nano® (1st through 6th generation).

USB works with iPhone® 5, iPhone® 4S, iPhone® 4, iPhone® 3GS, iPhone® 3G, iPhone®, iPod touch® (1st through 5th generation) iPod classic® and iPod nano® (1st through 7th generation).

- Refer to your device manufacturer's owner information regarding the proper use and care of the device.

How to view iPod® screen



- ① [iPod Menu]:
Touch to display the iPod® Menu screen.
👉 “iPod® Menu” (page 3-26)
- ② [Source]:
Touch to switch to the source list screen.
👉 “Selecting audio source” (page 3-11)
- ③ Track information:
Track information such as the song title, artist name and album name are displayed.
- ④ Audio source indicator:
Indicates that iPod® is currently selected among other sources.
- ⑤ Album artwork/Turn direction indicator:
Image of an album artwork is displayed when available if the setting is turned on.
👉 “iPod® Menu” (page 3-26)
When the album artwork display setting is turned off, the turn direction and the distance to the next turn are displayed when a route is set with the navigation system.
- ⑥ Play time and progress bar:
The play time of the track is displayed. The progress bar indicates the progress in playing the current track.
- ⑦ iPod® operation keys:
Touch an icon for operations.

3. Audio system

[⏮]	Each time [⏮] is touched, the mode changes. "Changing play mode" (page 3-26)
[⏮]	Touch to return to the beginning of the current track. Touch again to select the previous track. Touch and hold to rewind the current track.
[▶]	Touch to play the track.
[⏸]	Touch to pause the track.
[⏭]	Touch to select the next track. Touch and hold to fast-forward the track.
[⏭]	Each time [⏭] is touched, the mode changes. "Changing play mode" (page 3-26)

⑧ Track number:

Indicates the track number and the total number of tracks.

iPod® player operation

Activation and playing:

Connecting iPod® to the vehicle via USB cable will activate the iPod® mode.

The iPod® can also be played by selecting the source on the audio source menu screen.

"Selecting audio source" (page 3-11)

To play the iPod® touch [▶]. Touch [⏸] to pause.

Selecting search method:

A list of search methods is displayed in the iPod® menu. Touch and select an item to play the iPod® in your preferred settings.

Skipping tracks:

Push <⏮ >/<⏭ >, touch [⏮]/[⏭] on the screen, or tilt up/down <▲ >/<▼ > on the steering wheel briefly to skip to the next or the previous track.

Turning <TUNE-SCROLL/SOUND> while a track is playing will also skip the tracks.

Skipping items:

When a list is displayed, turn <TUNE-SCROLL/SOUND> to skip to different items on the list.

Fast-forwarding/rewinding:

To fast-forward or rewind the track, push and hold <⏮ >/<⏭ >, touch and hold [⏮]/[⏭], or tilt and hold <▲ >/<▼ > on the steering wheel.

Changing play mode:

Repeat mode

Touch [⏮] on the screen to change the repeat mode as follows.

(off) → [One] → [All] → (off)

Random mode

Touch [⏭] on the screen to change the random mode as follows.

(off) → [Songs] → [Albums] → (off)



INFO:

Even when iPod® or iPhone® are inserted into both of the two USB ports, the system recognizes only one connected iPod® or iPhone® at a time.

iPod® Menu

Touch [iPod Menu] on the iPod® screen to display the iPod® menu screen.

The following items are available.

3. Audio system

[Now Playing]	Touch to display the iPod® screen.
[Current List]	Touch to display the menu list which was displayed most recently.
[Album Artwork]	Touch to turn on/off the album artwork display on the iPod® screen.
[Playlists]	Touch to display the playlist and touch an item on the list to select the playlist.
[Artists]	Touch to display the artist list and touch an item on the list to select the artist.
[Albums]	Touch to display the album list and touch an item on the list to select the album.
[Songs]	Touch to display the song list and touch an item on the list to select the song.
[Podcasts]	Touch to display the podcast list and touch an item on the list to select the podcast.
[Genres]	Touch to display the genre list and touch an item on the list to select the genre.
[Composers]	Touch to display the composer list and touch an item on the list to select the composer.

[Audio-books]	Touch to display the audiobook list and touch an item on the list to select the audiobook.
---------------	--



INFO:

On the list screen, touch and hold [] or [] on the right side of the screen to jump by letter for faster scrolling.

BLUETOOTH® AUDIO

Your vehicle is equipped with Bluetooth® Audio. If you have a compatible Bluetooth® device with streaming audio (A2DP profile), you can set up a wireless connection between your Bluetooth® device and the in-vehicle audio system. This connection allows you to listen to the audio from the Bluetooth® device using your vehicle speakers. It also may allow basic control of the device for playing and skipping audio files using the AVRCP Bluetooth® profile. Not all Bluetooth® devices have the same level of controls for AVRCP. Please consult the manual for your Bluetooth® device for more details.

Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn

off the wireless LAN (Wi-Fi) when using the Bluetooth® functions.

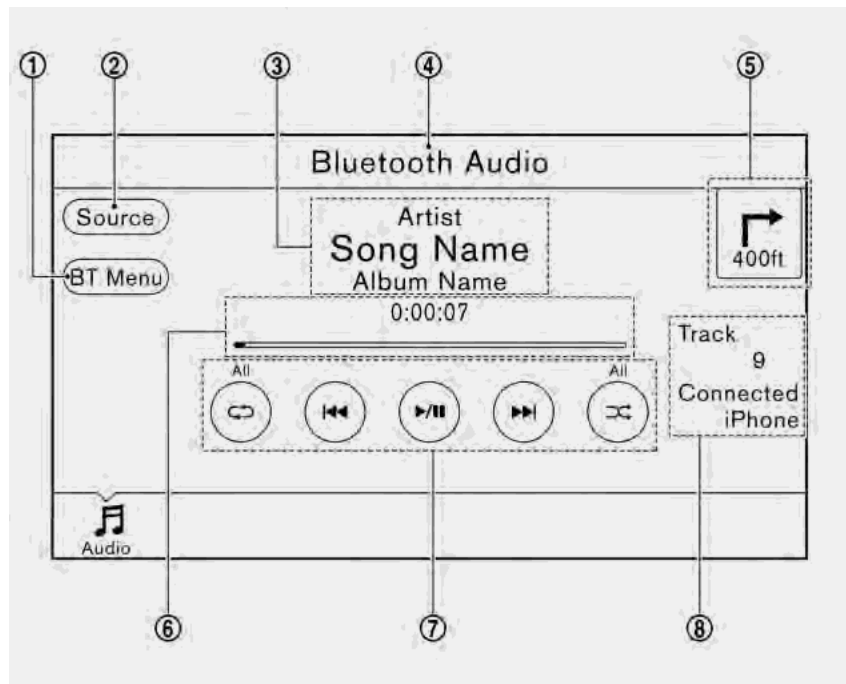
Connecting Bluetooth® audio device

A Bluetooth® audio device must be connected to the vehicle before operation.

 "Connecting Bluetooth® device"
(page 2-17)

3. Audio system

How to view Bluetooth® audio screen



- ① [BT Menu]:
Touch to display the Bluetooth® audio menu screen.
👉 "BT Menu" (page 3-30)
- ② [Source]:
Touch to switch to the source list screen.
👉 "Selecting audio source" (page 3-11)
- ③ Track information:
Track information such as the song title, artist name and album name are displayed.
- ④ Audio source indicator:
Indicates that Bluetooth® audio is currently selected among other sources.
- ⑤ Turn direction indicator:
When a route to the destination is set, the turn direction and the distance to the next turn are displayed.
- ⑥ Play time and Progress bar:
The play time of the track is displayed. The Progress bar indicates the progress in playing the current track.
- ⑦ Bluetooth® audio operation keys:
Touch an icon for operations.

[↺]	Each time [↺] is touched, the repeat mode changes. "Changing play mode" (page 3-29)
[⏮]	Touch to return to the beginning of the current track. Touch again to select the previous track. Touch and hold to rewind the current track.
[▶ / ⏸]	Touch to play and pause the track.
[⏭]	Touch to select the next track. Touch and hold to fast-forward the track.
[⏮]	Each time [⏮] is touched, the random mode changes. "Changing play mode" (page 3-29)

⑧ Track number and device name:

Indicates the track number and the selected Bluetooth® device name.



INFO:

Depending on the audio device that is connected to the vehicle, track information may not be displayed.

Bluetooth® audio operation

The ability to pause, change tracks, fast forward, rewind, randomize and repeat music may be different between devices. Some or all of these functions may not be supported on each device.



INFO:

Depending on the Bluetooth® audio device that is connected, it may not be possible to perform audio operations or a time lag may occur before music is played back.

Activation and playing:

A Bluetooth® audio device can be selected by selecting the source on the audio source menu screen.

"Selecting audio source" (page 3-11)

To pause playing the Bluetooth® audio, touch [▶ / ⏸]. Touch again to resume playing.

Skipping tracks:

Push < ⏮ > / < ⏭ >, touch [⏮] / [⏭] on the Bluetooth® audio screen, or tilt up/down

< ▲ > / < ▼ > on the steering wheel briefly to skip to the next or the previous track.

While a track is playing, turning <TUNE-SCROLL/SOUND> will also skip the tracks.

Skipping folders:

Turn <TUNE-SCROLL/SOUND> to skip to different folders. If no folders are found, tracks will be skipped.

Fast-forwarding/rewinding:

To fast-forward or rewind the track, push and hold < ⏮ > / < ⏭ >, touch and hold [⏮] / [⏭], or tilt and hold < ▲ > / < ▼ > on the steering wheel.

Changing play mode:

Repeat mode

Touch [↺] on the screen to change the repeat mode as follows.

(off) → [All] → [1 Track] → (off)

Random mode

Touch [⏮] on the screen to change the random mode as follows.

[All] ⇔ (off)

3. Audio system

BT Menu

Touch [BT Menu] on the Bluetooth® audio screen to display the Bluetooth® audio menu screen.

The following items are available.

[Now Playing]	Touch to display the Bluetooth® audio screen.
[Bluetooth Settings]	Touch to display the Bluetooth® settings screen. 👉 “Bluetooth® settings” (page 2-17)
[Folder List]*	Touch to display the folder list. Touch an item on the list to select the folder.
Track List	A list of the tracks is displayed. Touch an item on the list to select the track.

*: Displayed only when available.

AUXILIARY (AUX) DEVICES

Connecting auxiliary devices

The auxiliary input jack is located in the media pocket.

👉 “USB (Universal Serial Bus) Connection Ports and AUX (auxiliary) input jack” (page 2-5)

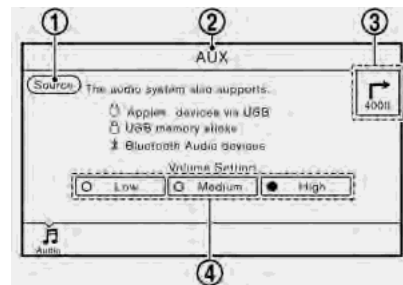
The auxiliary input jack accepts any standard analog audio input such as from a portable cassette player, CD player or MP3 player.



INFO:

Insert a 1/4 in (3.5 mm) stereo mini plug in the audio input jack. If a cable with a mono plug is used, the audio output may not function normally.

How to view AUX screen



① [Source]:

Touch to switch to the source list screen.

👉 “Selecting audio source” (page 3-11)

② Audio source indicator:

Indicates that an AUX device is currently selected among other sources.

③ Turn direction indicator:

When a route to the destination is set, the turn direction and the distance to the next turn are displayed.

④ Volume Setting keys:

Touch one of the keys to select the sound output gain from [Low], [Medium] and [High].

AUX operation

Activation and playing:

Turn on an AUX device.

Connect an AUX cable to the AUX device and the AUX jack. Select AUX mode from the audio source menu screen.

 "Selecting audio source" (page 3-11)

AUDIO SETTINGS

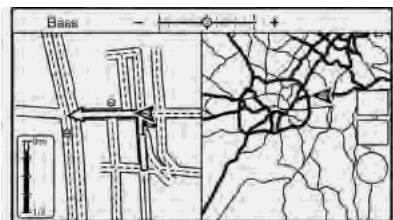
Audio settings can be adjusted or audio related functions can be turned on/off with the following procedure.

1. Touch [Settings] on the Launch Bar.
2. Touch [Sound].

Setting items	Action
[Bass]	Adjust the speaker tone quality and sound balance by touching [+] / [-], [L] / [R] or [R] / [F].
[Treble]	
[Balance]	
[Fade]	
[Speed Sensitive Volume]	Automatically adjusts the volume depending on the vehicle speed. Touch [+] / [-] to change the sensitivity level.

3. Audio system

AUDIO ADJUSTMENTS WHEN MAP, AUDIO OR HOME MENU IS DISPLAYED



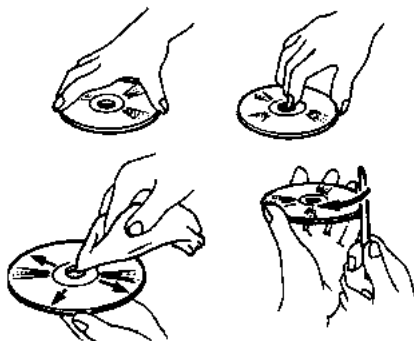
When Map, Audio or HOME MENU screen is displayed, some audio settings can be adjusted with **<TUNE-SCROLL/SOUND>**. Each time **<TUNE-SCROLL/SOUND>** is pushed, the selected setting item will change as follows.

[Bass] → [Treble] → [Balance] → [Fade]

Rotate **<TUNE-SCROLL/SOUND>** to adjust the level of the selected setting item.

CD/USB MEMORY DEVICE CARE AND CLEANING

CD



- Handle a CD by its edges. Never touch the surface of the disc. Do not bend the disc.
- Always place the discs in the storage case when they are not being used.
- To clean a disc, wipe the surface from the center to the outer edge using a clean, soft cloth. Do not wipe the disc using a circular motion.

Do not use a conventional record cleaner or alcohol intended for industrial use.

- A new disc may be rough on the inner and outer edges. Remove the rough edges by rubbing the inner and outer edges with the side of a pen or pencil as illustrated.

USB MEMORY DEVICE

- Never touch the terminal portion of the USB memory device.
- Do not place heavy objects on the USB memory device.
- Do not store the USB memory device in highly humid locations.
- Do not expose the USB memory device to direct sunlight.
- Do not spill any liquids on the USB memory device.

Refer to the USB memory device Owner's Manual for the details.

4 Hands-Free Phone

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Phone	4-3

Hands-free text messaging assistant	4-6
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Bluetooth® setting	4-12



4. Hands-Free Phone

BLUETOOTH® HANDS-FREE PHONE SYSTEM



WARNING

- **Use a phone after stopping your vehicle in a safe location. If you have to use a phone while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **If you find yourself unable to devote full attention to vehicle operation while talking on the phone, pull off the road to a safe location and stop your vehicle before doing so.**



CAUTION

To avoid draining the vehicle battery, use a phone only after starting the engine.

Your vehicle is equipped with Bluetooth® Hands-Free Phone System. If you are an owner of a compatible Bluetooth® enabled cellular phone, you can set up the wireless connection between your cellular phone and the in-vehicle phone module. With Bluetooth® wireless technology,

you can make or receive a telephone call with your cellular phone in your pocket.

Once a cellular phone is connected to the in-vehicle phone module, the procedure for connecting the phone does not need to be performed again. Your phone is automatically selected with the in-vehicle phone module when the ignition switch is placed in the "ON" position with the selected cellular phone turned on and carried in the vehicle.

You can register up to 5 different Bluetooth® devices in the in-vehicle phone module. However, you can talk on only one cellular phone at a time.

The Voice Recognition system supports phone commands, so dialing a phone number using your voice is possible.

 "7. Voice recognition"

Before using the Bluetooth® Hands-Free Phone System, refer to the following notes.

- Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when using the Bluetooth® functions.

- Set up the wireless connection between a compatible cellular phone and the in-vehicle phone module before using the Bluetooth® Hands-Free Phone System.
- Some Bluetooth® enabled cellular phones may not be recognized by the in-vehicle phone module.
Visit the web site below for a recommended phone list.
www.nissanusa.com/bluetooth/
- You will not be able to use a hands-free phone under the following conditions:
 - Your vehicle is outside of the telephone service area.
 - Your vehicle is in an area where it is difficult to receive radio waves; such as in a tunnel, in an underground parking garage, behind a tall building or in a mountainous area.
 - Your cellular phone is locked in order to prevent dialing.
- When the radio wave condition is not ideal or ambient sound is too loud, it may be difficult to hear the other person's voice during a call.
- Immediately after the ignition switch is placed in the "ON" position, it may be impossible to receive a call for a short period

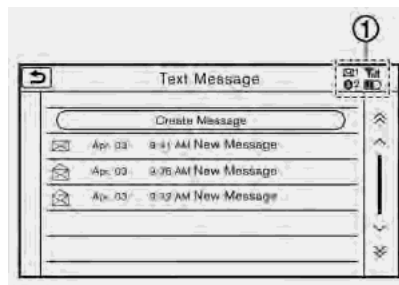
4. Hands-Free Phone

of time.

- Do not place the cellular phone in an area surrounded by metal or far away from the in-vehicle phone module to prevent tone quality degradation and wireless connection disruption.
- While a cellular phone is connected through the Bluetooth® wireless connection, the battery power of the cellular phone may discharge quicker than usual.
- Visit the web site below for troubleshooting help if the Bluetooth® Hands-Free Phone System seems to be malfunctioning.
www.nissanusa.com/bluetooth/
- Some cellular phones or other devices may cause interference or a buzzing noise to come from the audio system speakers. Storing the device in a different location may reduce or eliminate the noise.
- Refer to the cellular phone Owner's Manual regarding the telephone pairing procedure specific to your phone, battery charging, cellular phone antenna, etc.
- The antenna display on the monitor may not coincide with the antenna display of some cellular phones.

- The battery display on the monitor may not coincide with the battery display of some cellular phones.
- Keep the interior of the vehicle as quiet as possible to hear the caller's voice clearly as well as to minimize its echoes.
- If reception between callers is unclear, adjusting the incoming or outgoing call volume may improve the clarity.
- The microphone is located near the map light.

INDICATORS



Indicators ① for phone and text messaging are displayed on the top of the screen.

 1	Indicates the number of unread received messages.
 2	Indicates the Bluetooth® device that is selected.
	Indicates the strength of the signal the Bluetooth® device is receiving.
	Indicates the amount of remaining Bluetooth® device battery.

PHONE

Connecting Bluetooth® Hands-free Phone

A cellular phone device must be connected to the Bluetooth® Hands-free phone system before operation. Up to 5 Bluetooth® devices can be connected to the system.

 "Connecting Bluetooth® device"
(page 2-17)

Phone selection

Select one of the connected devices for operation.

1. Touch [Phone] on the Launch Bar.
2. Touch [Select BT Device]. A list of the connected cellular phones is displayed.
3. Touch one of the connected cellular phones from the list.

4. Hands-Free Phone

4. Touch [Connect].



INFO:

Touch [Edit] to change the device name.
Touch [Delete] to delete the device from the device list.

- When the device selection is successful, a message on the touch screen display indicates that the cellular phone was selected.

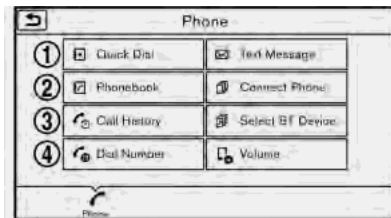


INFO:

To select a phone, Bluetooth® of the phone device needs to be turned on.

Making a call

- Touch [Phone] on the Launch Bar.
- Select one of the following methods to make a call.



① [Quick Dial] :

Select a telephone number from a list of personally selected numbers.

☞ “Quick Dial” (page 4-11)

② [Phonebook] :

Select a person and the phone number you wish to call from the phonebook.

The telephone number must be transferred to the phonebook from the cellular phone prior to using this method.

☞ “Phone settings” (page 4-9)

③ [Call History] :

Select a telephone number from recent incoming, outgoing or missed calls.

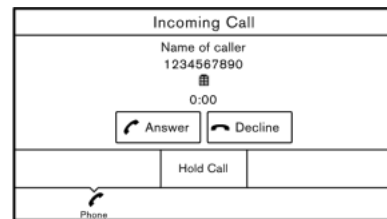
④ [Dial Number] :

Enter the phone number manually using the keypad displayed on the screen and touch [OK].

☞ “How to input letters and numbers” (page 2-10)

- Dialing will start and the screen will change to the call in progress screen.

Receiving a call



When you receive a phone call, a notification message is displayed on the touch screen display with a ring tone.

4. Hands-Free Phone

Taking a call:

To answer the call, take one of the following actions.

- Push <  > on the steering wheel.
- Touch [Answer].

Rejecting a call:

To reject the call, touch [Decline].

Holding a call:

To hold the call, touch [Hold Call].

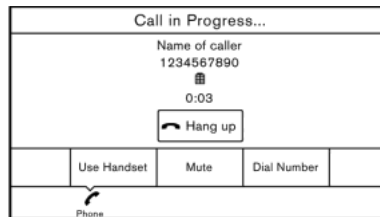


INFO:

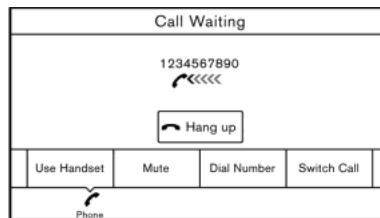
Operation for answering and rejecting a received phone call is also available on the vehicle information display.

 "Receiving a call" (page 5-9)

During a call



The screen as illustrated will appear during a call.



When another phone call is received during a call, the screen as illustrated will appear.

There are some options available during a call. Touch one of the following displayed keys on the screen to take action.

Available item	Action
[Hang up]	Hang up the line you are currently on and you will be connected to the line that is on hold.
[Use Handset]	Transfer the call to the cellular phone.
[Mute]/[Cancel Mute]	When muted, your voice will not be heard by the person on the other end of the line.
[Dial Number]	Using the touch tone, send digits to the connected party for using services such as voicemail.
[Switch Call]*	Answer another incoming call. The person you are talking to will be placed on hold. Push once more to speak to the person on hold again.

*: Available when a call is received while on the line with another person. The availability of this function depends on the phone device.

4. Hands-Free Phone



INFO:

To adjust the person's voice to be louder or quieter, push < +> or < -> on the steering wheel or turn <VOL/ >, while talking on the phone.

HANDS-FREE TEXT MESSAGING ASSISTANT



WARNING

Use the text messaging feature after parking your vehicle in a safe location. If you have to use the feature while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.



CAUTION

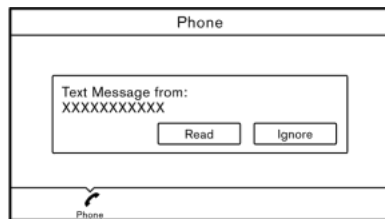
This feature is disabled if the connected device does not support it. See the phone's Owner's Manual for details and instructions.

Laws in some jurisdictions may restrict the use of some of the applications and features, such as social networking and texting. Check local regulations for any requirements.

Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.

The system allows for the sending and receiving of text messages through the vehicle interface.

Receiving a message



When the cellular phone connected to the vehicle receives a text message, a notification will appear on the vehicle information display and on the touch screen display with a tone.

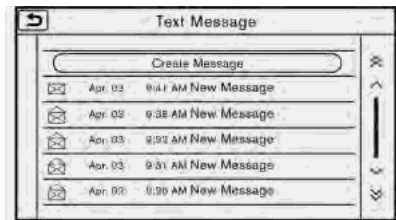
To check the message, touch [Read]. Touch [Ignore] to save the message to be checked later.



INFO:

- Depending on the phone device, notification display setting needs to be turned on on the phone device.
- Operation for reading a new message is also available on the vehicle information display.
 "Control panel and vehicle information display interaction" (page 5-8)

Displaying received message list



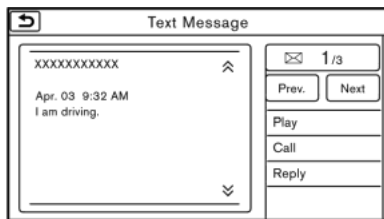
1. Touch [Phone] on the Launch Bar.
2. Touch [Text Message].
3. Touch an item on the list to read or reply to the message.



INFO:

Up to 20 messages can be stored in the message list.

Received message screen



Touching [Read] on the new message notification screen or selecting a message from the message list will show the details of the received message on the display.

Available actions:

- [Prev.]:
Touch to read the previous message.
- [Next]:
Touch to read the next message.
- [Play]/[Stop]:
Touch [Play] to have the hands-free phone system read out the received message.
Touch [Stop] to stop reading.

- [Call]:

If the sender of the message is registered in the Phonebook, touch this icon to make a call to the sender.

- [Reply]:

A reply message can be selected from the template.

"Sending a text message" (page 4-7)

- [Exit]:

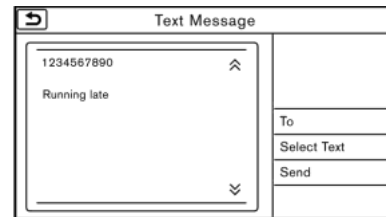
Touch to exit the text messaging screen.



INFO:

- Available keys may vary depending on the situations.
- If the sender's name and phone number is registered in the Phonebook, the name of the sender is displayed when a message is received.
- The volume of the voice for text message reading can be adjusted.
 "Volume and Beeps settings" (page 2-15)
- Some of the operations are also available on the vehicle information display.
 "Control panel and vehicle information display interaction" (page 5-8)

Sending a text message



1. Touch [Phone] on the Launch Bar.
2. Touch [Text Message].
3. Touch [Create Message].

4. Hands-Free Phone

The following items are available.

Available item		Action
[To]	[Quick Dial]	Select a recipient from Quick Dial.
	[Phonebook]	Select a contact from the Phonebook.
	[Call history]	Select a contact/phone number from call history.
	[Enter Number by Keypad]	Enter the phone number of the recipient using the keypad. Touch [OK] to confirm the address.
[Select Text]	[Fixed Text]	Touch to display a list of pre-defined text messages.
	[Custom Text]	Touch to display a list of custom text message templates. Custom text can be created or edited from the setting menu.  "Phone and text message assistant settings" (page 4-9)
[Send]		Touch to send the message.

PHONE AND TEXT MESSAGE ASSISTANT SETTINGS

Phone settings

Hands-Free Phone System settings can be changed according to the user's preference.

1. Touch [Setting] on the Launch Bar.
2. Touch [Phone].

The following phone setting items are available.

Setting item		Action
[Quick Dial]	[Edit]	Entries in the Quick Dial can be edited. Touch [Add New] to register a new entry.
	[Delete All]	Deletes all of the phone number in the Quick Dial.
[Call History]	[Incoming]	Items in the calls history can be deleted or be registered in the Quick Dial.
	[Outgoing]	
	[Missed]	
[Phonebook]	[Download Entire Phonebook]	All of the phone numbers that are stored in a phonebook of a cellular phone that is connected to the vehicle are downloaded at once.
	[Download 1 Entry]	Each of the phone numbers that are stored in the phonebook of a cellular phone that is connected to the vehicle is downloaded one by one.
	[Downloaded List]	The downloaded phonebook data is displayed. The items on the list can be added to the Quick Dial entries or be deleted from the phonebook.

4. Hands-Free Phone

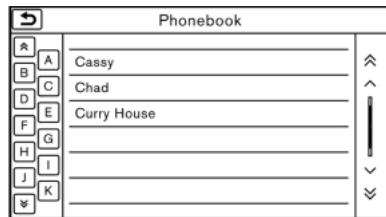
[Text Message]	[Text Message]	Turns the message function on/off.
	[Text Message Ringtone]	Turns the incoming message sound on/off.
	[Signature]	Turns the signature setting for the outgoing text message on/off.
	[Auto Reply]	Turns the automatic reply of fixed messages on/off.
	[Auto Reply Text Message]	Selects and sets an automatic reply message.
	[Sending Retry Count]	Sets the number of retries after failing to send a text message.
	[Edit Custom Text]	Edits the custom text.
[Volume]	[Ringtone]	Adjust the volume level of the ringtone by touching [+] or [-].
	[Incoming Call]	Adjust the incoming call volume by touching [+] or [-].
	[Outgoing Call]	Adjust the outgoing call volume by touching [+] or [-].
	[Automatic Hold]	When this function is activated, an incoming phone call will be put on hold automatically.
	[Vehicle Ringtone]	When this function is activated, a specific ringtone that is different from that of the cellular phone will sound when receiving a call.
[Auto Downloaded]		Turns the automatic download on/off.



INFO:

The phone volume can also be changed by touching [Phone] on the Launch Bar and then touching [Volume].

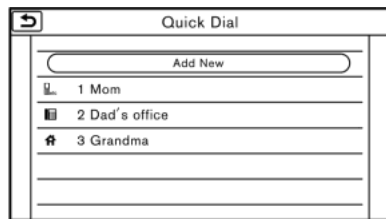
Phonebook



Phonebook information in cellular phones can be downloaded to be used for making calls and sending text messages.

☞ “Phone settings” (page 4-9)

Quick Dial



Up to 5 Quick Dial entries can be registered.

Quick Dial entries can be used to make a call or to send text messages.

Registration:

1. Touch [Phone] on the Launch Bar.
2. Touch [Quick Dial].
3. Touch [Add New] to register a phone number to the Quick Dial list.
4. Select a method for registration.

Available methods:

- [Copy from Call History]:
A phone number can be selected from [Incoming], [Outgoing], or [Missed] call history lists.
- [Copy from Phonebook]:
A phone number can be selected from the Phonebook.
- [Enter Number by Keypad]:
A phone number can be entered manually using keypad.



INFO:

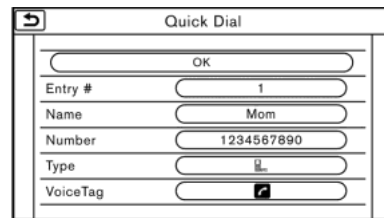
Available methods may vary depending on conditions.

5. The registration screen is displayed. Enter the phone number and edit the entry information as necessary.

6. Touch [OK] to save the entry.

Voice Tag:

A custom voice tag can be recorded for each of the items registered in the Quick Dial and be used to dial the number by speaking it.



On the Quick Dial registration screen, select [Voice Tag].

Available Items	Action
[Play]	Play the recorded voice tag.
[Store]	Touch to record a voice tag for the phone number.
[Restore]	Touch to rerecord the voice tag.
[Delete]	Touch to delete the voice tag.

4. Hands-Free Phone

BLUETOOTH® SETTING

The Bluetooth® setting can be changed.

1. Touch [Setting] on the Launch Bar.
2. Touch [Bluetooth].

Available item		Action
[Bluetooth]		If this setting is turned off, the connection between the Bluetooth® devices and the in-vehicle Bluetooth® module will be canceled.
[Connect Device]		Connects to the Bluetooth® device. Up to 5 devices can be registered.
[Select BT Device]	[Phone]	Registered devices are shown on the list. Select a Bluetooth® device from the list. Information of the selected device can be edited and the device can also be deleted from the device list.
	[Audio Player]	
[Edit Bluetooth Information]	[OK]	Touch to apply the changes after editing the Bluetooth® information.
	[PIN]	PIN code can be checked and changed.
	[Device Name]	Device Name can be checked and changed.
	[Device Address]	Device Address can be checked.

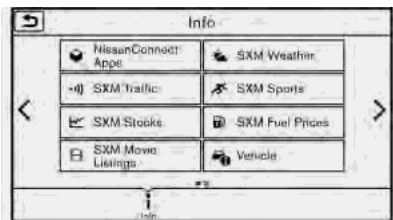
5 Information

Information menu	5-2	SiriusXM Travel Link	5-7
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NissanConnect SM Mobile Apps		Control panel and vehicle information	
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		Navigation system	5-9

5. Information

INFORMATION MENU

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



Touch [Info] on the Launch Bar on the screen to display the Information menu.

Menu item		Result
[NissanConnect Apps]		A list of NissanConnect SM Apps is displayed. ☞ "NissanConnect SM Mobile Apps" (page 5-6)
[SXM Weather]	[Current Conditions]	Display current weather condition information. Touch [Favorite City] to see conditions for a favorite location. To change the favorite location, touch [Change City].
	[5-Day Forecast]	Touch [Favorite City] to see the 5-day weather forecast for a selected location. To change the selected location, touch [Change City].
	[Graphical Map]	Display a graphical map of the weather information on the display. Initially, the system will display all available information. Touch the scale button to show [Zoom In]/[Zoom Out] for changing 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 stop displaying the weather radar map. Touch [Chart] to stop displaying weather surface features and pressure, when the map scale is U.S. Touch [Storm] to stop displaying Storm information, when the map scale is U.S. or Middle scale. Touch [Winds] to stop displaying wind information, when map scale is Detail scale.

5. Information

Menu item		Result
	[Alert Map]	Show Alert Map information on the display. Touch [Legend] to display the detailed contents of information used for the current warning/advisory map by type. Touch the scale button to show [Zoom In]/[Zoom Out] for changing the map scale to 320 miles (640 km) U.S., 32 miles (64 km) Middle scale or 5 miles (10 km) Detail scale.
	[Weather Alert]	Turn the weather alert on/off.
[SXM Traffic]	[Info on Route]	Touch to display traffic information detected on the route to the destination.
	[Nearby Traffic Info]	Touch to display traffic information detected near the current vehicle location.
[SXM Sports]		Touch [Yes] to view a list of available sports that can be added or touch [No] to go back. Select a favorite sport and division/conference from the list to view scores. A favorite team cannot be selected. When viewing a favorite, a list of recent and near future games/events is displayed. Touch [Tune] to go to a channel that is broadcasting the event live. A score will also display while the event is broadcasting. Touch [Delete One] to delete a favorite sport or [Delete All] to delete all favorite sports. Up to 10 sports can be saved.
[SXM Stocks]		To add a favorite stock, touch [Yes] to display a List of Matching Stocks. Select a stock by performing a search or typing in the symbol. Touch [Yes] to add a stock to the list or touch [No] to go back. Once a stock is added, it's price, trend, and date can be viewed. Red indicates the stock is down and green indicates the stock is up. Touch [Delete Stock] to [Delete All] or [Delete One]. Up to 20 stocks can be saved. Only supported stocks can be added.
[SXM Fuel Prices]	[Select Fuel]	Select a gas station from the list to see all of the fuel prices or to set it as a destination.
	[By Distance]/[By Price]	Touch [Select Fuel] to display prices for a different fuel type.
	[Near Dest]/[Nearby]	Touch [By Distance]/[By Price] to sort the list by distance or by price. Touch [Near Dest]/[Nearby] to show a list of gas stations near the destination or near the current location.

5. Information

Menu item		Result
[SXM Movie Listings]	[Nearby Theaters]	Displays a list of theaters by distance. Select the theater for Theater Details such as its location and phone number. While viewing the Theater Details, touch [Go here] for route guidance. While viewing the list of Nearby Theaters, touch [Movies] to display a list of movies that are playing at that theater. Select the movie to display Movie Details including the rating, running time, and show times.
	[Current Movies]	Displays a list of movies that are currently playing. Touch [Details] to display Movie Details including the rating, running time, and show times. While viewing the list of Current Movies, select the movie to display a list of Nearby Theaters. Select the theater for Theater Details such as its location and phone number. Touch [Movies] for a detailed description and show times of the selected movie. Touch [Go Here] for route guidance to the selected theater.
[Vehicle] (if so equipped)	[Eco Drive Report]	Display the Eco Drive Report.
[Where am I?]		The name and distance of the next/previous street, and other information that indicates the current vehicle location are displayed. GPS coordinates and altitude are shown on the bottom right.
[SXM Weather Alerts]		Display the list of weather alerts. Touch [Nearby Current] to display nearby current alerts, touch [Nearby Destination] to display nearby destination alerts.
[Navigation Version]		Displays the information of the current map version, program version, unit code, etc.
[GPS Position]		Displays GPS information, such as number of satellites, latitude/longitude, and approximate altitude.

**INFO:**

A SiriusXM Travel Link or SiriusXM Traffic subscription is necessary to receive SXM information services.

5. Information

NISSANCONNECTSM MOBILE APPS

NISSANCONNECTSM MOBILE APPS SMARTPHONE INTEGRATION

This vehicle is equipped with smartphone integration technology. This allows many compatible smartphone applications to be displayed and easily controlled through the vehicle's touch screen display.

Laws in some jurisdictions may restrict the use of some of the applications and features, such as social networking and texting. Check local regulations for any requirements.



INFO:

A compatible smartphone and registration is required to use mobile applications or to access connected features of certain vehicle applications.

REGISTERING WITH NISSANCONNECTSM MOBILE APPS

To use the smartphone integration feature, it is necessary for the user to register. In order to register, visit the NissanConnectSM website for more information and to sign up. Once registered, download the NissanConnectSM App from

your compatible phone's application download source and then log into the application.

For more information about this technology, visit the website at:

For U.S. customers:

www.nissanusa.com/connect

For Canadian customers:

www.nissan.ca/nissanconnect (English)

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

CONNECTING PHONE

To use this feature, a compatible smartphone must be connected via Bluetooth® or USB to the vehicle.



"Connecting Bluetooth® device"
(page 2-17)



"USB (Universal Serial Bus) Connection Ports and AUX (auxiliary) input jack"
(page 2-5)



INFO:

- For Apple iPhone®, NissanConnectSM Mobile Apps **REQUIRES** the phone to be plugged in via USB after the Bluetooth® connection is established.
- For Android phones, NissanConnectSM Mobile Apps **REQUIRES** the phone to be paired

via Bluetooth®.

APPLICATION DOWNLOAD

Once connected, the NissanConnectSM App will search your phone to determine which compatible applications are currently installed. The vehicle will then download the in-vehicle interface for each of these compatible applications. Once downloaded, the user can access many smartphone Applications through the vehicle touch screen display with the following operation.

1. Touch [Info] on the Launch Bar.
2. Touch [NissanConnect Apps].

For more information on application availability visit the NissanConnectSM web site.

For U.S. customers:

www.nissanusa.com/connect

For Canadian customers:

www.nissan.ca/nissanconnect (English)

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

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 Satellite Radio and SiriusXM Travel Link subscriptions are sold separately or as a package, and are continuous until you call SiriusXM to cancel. See SiriusXM Customer Agreement for complete terms at www.siriusxm.com. SiriusXM Travel Link is available in select markets.

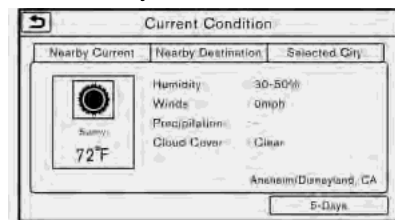
For more information, call Listener Care at 1-877-447-0011 or visit siriusxm.com/travellink.



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.



Example

- The weather information is available only for areas that provide weather information to SiriusXM Travel Link.
- Not all vehicles or devices are capable of receiving all services offered by SiriusXM. Data displays and individual product availability vary by vehicle hardware. Current information and features may not be available in all locations, or on all receivers. SiriusXM is not responsible for any errors or inaccuracies in the data services or their use in the vehicle.

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.

5. Information

- 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 Satellite Radio and SiriusXM Traffic subscriptions are sold separately or as a package, and are continuous until you call SiriusXM to cancel. See SiriusXM Customer Agreement for complete terms at www.siriusxm.com. SiriusXM Travel Link is available in select markets. For more information, call Listener Care at 1-877-447-0011 or visit siriusxm.com/traffic.
- 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 1-877-447-0011.
- 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.

CONTROL PANEL AND VEHICLE INFORMATION DISPLAY INTERACTION

Some of the information and operations available on the control panel can also be viewed and operated on the vehicle information display. The vehicle information display operations can be conducted with the switches on the steering wheel.

AUDIO

Use **< >** and **< >** and select  on the vehicle information display main menu.

The vehicle information display shows the status for the audio source currently in use.

Some examples of what will be displayed:

- Source
- Artist
- Song
- Album

Pushing **<SOURCE>** will cycle through the available audio sources.

RECEIVING A CALL

Using Bluetooth® Hands-Free Phone System, a received phone call can be operated on the vehicle information display as well as on the touch screen display.

 "Receiving a call" (page 4-4)

1. When there is an incoming call, the caller information and the operation keys are displayed on the vehicle information display.
2. Use < ▲ >/< ▼ > to highlight the preferred item and push <OK> to select the item.

Available keys	Action
[Answer]	Answers the received phone call.
[Decline]	Declines the received phone call.

INFO:

A cellular phone device must be connected and selected among other connected Bluetooth® devices before hands-free operation.

 "Bluetooth® Hands-Free Phone System" (page 4-2)

TEXT MESSAGING

Using Bluetooth® Hands-Free Phone System, a received text message can be operated on the vehicle information display as well as on the touch screen display.

 "Hands-free text messaging assistant" (page 4-6)

To read/ignore an incoming text:

1. When a new text message is received, a pop-up window and operation keys will appear with the sender's name or phone number on the vehicle information display.
2. Use < ▲ >/< ▼ > to highlight the preferred item and push <OK> to select the item.

Available keys	Action
[Read]	The system will read the text out loud.
[Ignore]	The vehicle information display will show the contents that were originally displayed.

To reply to/exit from a text:

1. When a new text message is received and [Read] is selected, operation keys are displayed on the vehicle information display.
2. Use < ▲ >/< ▼ > to highlight the preferred item and push <OK> to select the item.

Available keys	Action
[Reply]	Available pre-determined messages will be displayed on the touch screen display. Voice recognition reply operation will also become available.
[Exit]	Ends text message operation and the vehicle information display will show the main menu.

INFO:

A cellular phone device must be connected and selected from among other connected Bluetooth® devices before hands-free operation.

 "Bluetooth® Hands-Free Phone System" (page 4-2)

NAVIGATION SYSTEM

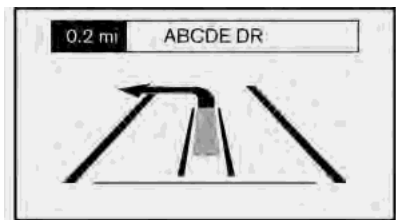
Turn-by-turn route guidance can be displayed on the vehicle information display.

To view turn-by-turn route guidance on the vehicle information display, use < ◀ ▶ >/< ▶ ▶ > and scroll to ▲ on the vehicle information display menu.

There are two available views: the Arrow view and the City view.

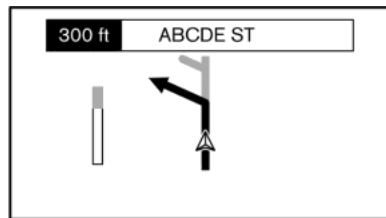
5. Information

Arrow view:



The next turn and the distance to the next turn are displayed on the vehicle information display. A countdown bar is shown in the arrow. The bar gets smaller as you get closer to the next turn.

City view:



A turn direction arrow with an icon indicating your current route location is displayed. A countdown bar will be shown on the left side of the vehicle information display. The bar gets smaller as you get closer to the next turn.

Navigation settings:

The navigation related display settings can be changed.

1. Select  using < ◀ ▶ > / < ▶ ▶ > and push **<OK>**. A menu will display.
2. Using < ▲ > / < ▼ >, select [Customize Display] and then select [Navigation Settings].
3. Select the preferred item using < ▲ > / < ▼ >.

Available items		Action
[Alerts]		When this item is turned on, the view of the turning point with an alarm sound will interrupt the displays other than navigation screen when the vehicle approaches the guide point.
[View Mode]	[Arrow]	When this mode is selected, the Arrow view will be displayed on the vehicle information display.
	[City]	When this mode is selected, the view on the vehicle information display will switch from the Arrow view to the City view as the vehicle approaches a guide point.

4. Push **<OK>** to turn on or off the [Alerts] setting or to toggle the view mode between [Arrow] or [City].

6 Navigation

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SAFETY INFORMATION

The navigation system is primarily designed to help you reach your destination. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up to date. The system is not a substitute for safe, proper, and legal driving.

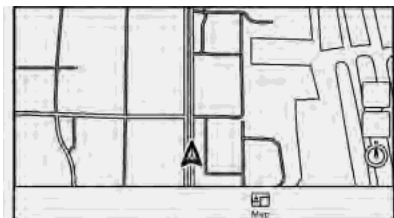


WARNING

- **Do not rely on route guidance alone. Always be sure that all driving maneuvers are legal and safe in order to avoid accidents.**

MAP OPERATION

DISPLAYING CURRENT VEHICLE LOCATION



Push **<MAP>** or touch [Map] on the Launch Bar to display the map of current vehicle location.

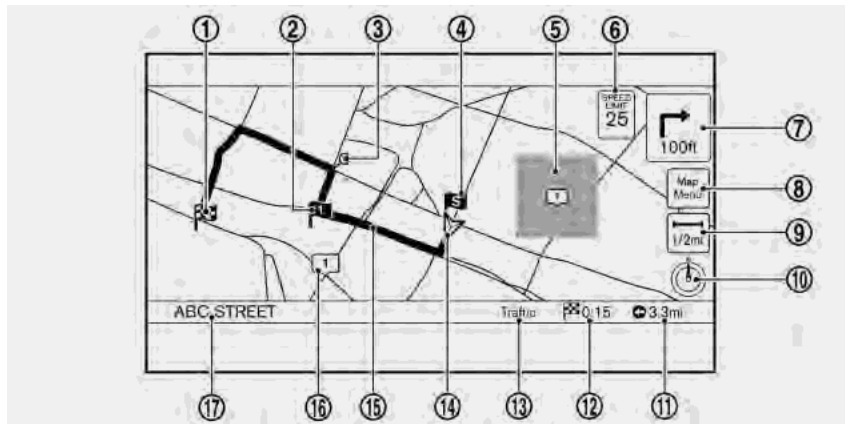
MAP TYPES

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

6. Navigation

2D map

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



Screen information:

- ① Destination:
Indicates the location of the final destination.
- ② Waypoint:
Displays the location of the waypoint the vehicle will stop by before heading to the final destination. A maximum of 5 waypoints can be set.
- ③ Guide point:
Indicates a guide point on the route.
- ④ Starting point:
Displays the vehicle location, with which the route is set, as the starting point.
- ⑤ Avoid area:
Displays the areas to avoid that are stored in the Address Book. Route guidance can be set to avoid the registered avoid areas.

"Storing avoid area" (page 6-47)

Green: Freeways included

Blue: Freeways not included

- ⑥ Speed limit icon:
Displays the speed limit of the road the vehicle is on.
- ⑦ Arrow and distance:
Indicates the distance to the next guide point and the turning direction at that guide point.
- ⑧ Map Menu:
Touch the icon to display the Map Menu.
 "Map Menu screen" (page 6-12)
- ⑨ 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 6-7)
- ⑩ Direction indicator:
Indicates the directional setting of the map.
 : North always pointing up.
 : Direction of the vehicle heading always pointing up.
Touch the icon to change the map view and

the map orientation.

 "Changing map view and map orientation" (page 6-8)

⑪ Remaining distance to the destination:

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

The arrow displayed here indicates the direction of the destination. It can be displayed only when the map scale is in the range of 1/64 miles (25 m) - 1/8 miles (200 m).

⑫ Estimated time to the destination:

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

 "Guidance settings" (page 6-39)

⑬ Traffic indicator:

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

Green: Reception condition is good.

Gray: Reception condition is not good.

The indicator does not appear without a

SiriusXM Traffic subscription.

⑭ Vehicle icon:

Indicates the current vehicle location and the direction the vehicle is heading.

⑮ Suggested route:

Appears in bold blue during route guidance.

⑯ 1 Stored location (yellow):

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

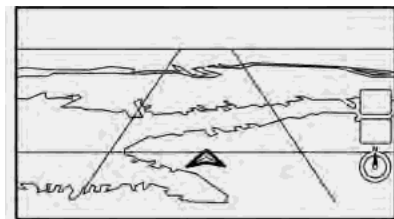
 "Storing location" (page 6-46)

⑰ Street name:

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

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:

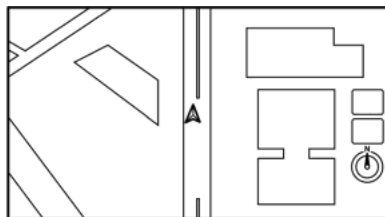
Note the following items about the Birdview™ display.

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

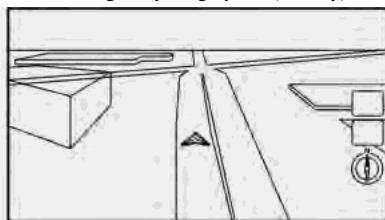
Building graphics

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".

6. Navigation



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.

ROAD COLOR

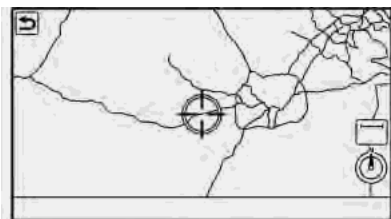
The road types are differentiated by color.

Red	Freeway
Brown	Main road
Dark Yellow	
Gray	Narrow street
Dark green	Road with incomplete map data

MOVING MAP

Map can be scrolled by touch screen operations.

Touch:



When the map on the screen is touched, the cross pointer is displayed and the position touched is set as the center of the screen.

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

Birdview™ (3D) map:

Touch the map screen and then 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.

Drag

Drags the map while the screen is touched.

Swipe/flick

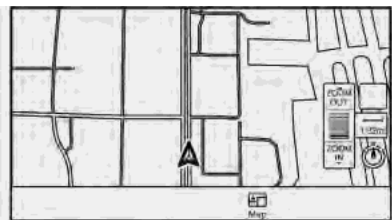
Swipe or flick the screen to scroll the map screen quickly.



INFO:

- Map scrolling operations are limited and not fully available while driving.
- 2D map:
Touch [Slow] on the map screen to display the 8-directional key for fine adjustments of the location. Touch [Cancel] to cancel the fine adjustment mode.

CHANGING SCALE OF MAP



1. Touch [1/32 mi].
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.



INFO:

While driving, pinch-in and pinch-out operations are disabled.

Map scale

Map scale (map coverage) between 320 miles (640 km) and 1/64 mile (25 m) can be selected.

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



INFO:

Depending on the map scale, traffic information icons cannot be displayed on the map screen.

"Traffic information on map" (page 6-44)

6. Navigation

CHANGING MAP

Changing map view and map orientation

The map view and the map orientation can be changed by touching [] / [] on the map screen.

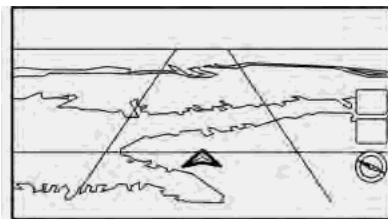
The screen will change to North Up, Heading Up and Birdview™ each time [] / [] is touched.



North Up



Heading Up



Birdview™

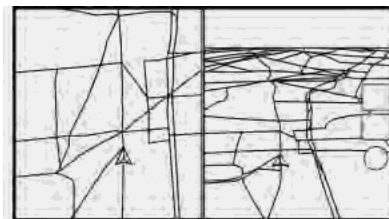


INFO:

- You can also change the map view from the map view settings screen.
 "Map view settings" (page 6-8)
- For Head Up map view, long range map which displays wider area in the traveling direction is available.
 "Map view settings" (page 6-8)

Setting split screen

Two different maps can be displayed on a screen with the split screen setting.



1. Touch [ Map Menu] on the map screen.
2. Touch [Map View].
3. Touch [Change View].
4. Select [Split: 2D Map] or [Split: Birdview Map].



INFO:

The settings on the left split map can be changed from map view settings menu.

 "Map view settings" (page 6-8)

MAP VIEW SETTINGS

The setup for the map view is performed from the Settings menu on the touch screen display.

1. Touch [ Map Menu] on the map screen.
2. Touch [Map View].

The following settings are available.

6. Navigation

Menu item		Action
[Change View]	[2D Map]	Display 2D map.
	[Split: 2D Map]	Display 2D map on both left and right side of the split screen.
	[Birdview (3D)]	Display 3D map.
	[Split: Birdview Map]	Display 2D map on the left side and 3D map on the right side of the screen.
[View Settings]	[Intersection]	Display the enlarged view of intersection on the left side of the screen when the vehicle approaches the intersection during route guidance.  "Route guidance screens" (page 6-29) Push <MAP> to return to the full map screen.
	[Turn List]	Display the turn list on the left screen when a route is set.  "Route guidance screens" (page 6-29) Push <MAP> to return to the full map screen.
	[Drive Report] (if so equipped)	Display your score in ECO driving performance on the left side of the screen. Touch [Log] to view the Drive Report history. Touch [Reset] to clear the past records. Push <MAP> to return to the full map screen.
	[Full Map]	Display full map screen.
[Map Settings]	[Map Orientation]	[North Up]
		[Heading Up]
	[Long Range]	
	[Map Color]	
	[Map Text Size]	[Large]

6. Navigation

		[Medium]	
		[Small]	
	[Birdview Angle]		Adjusts the Birdview™ angle using the adjust bar displayed on the left side of the screen.
	[North Up when Zoomed Out]		When this setting is ON, the orientation of the map is automatically changed to North Up when the widest map scale is selected.
	[Select Text to Display on Map]	[Place Names]	Allows place names to be displayed on the map screen.
		[Facility 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] (only when split screen is displayed)	[Map Orientation]	The map orientation for the left side of split screen can be selected from North Up or Heading Up.
		[Long Range]	Long Range Map View is available only when the map view is in Heading Up mode. With this item turned on, the vehicle position icon on the left screen will be located slightly lower than the center of the screen so that a wider area in the traveling direction can be viewed.
		[Map Scale]	Allows to change the scale of the map displayed on the left side of the split screen.
	[Show all Freeway Exits on Route]		Turns on/off the freeway exit information display.
	[Auto. Show Turn List on Freeway]		The turn list can be set to on or off to be displayed automatically while driving on a freeway.
[Back to Map]		Display the current location map.	

SETTING INFORMATION ON MAP

Some information on the map can be displayed or hidden.

Displaying facility icons

Displays map icons of certain points of interest (such as restaurants and gas stations, etc.) on the map around the current vehicle location.

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Map Icons].
4. Touch the preferred icon. The indicator of the selected icon illuminates.

Available setting icons

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



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 will be displayed on the map instead of the general map icons listed.

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. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Others].
3. Touch [Map Scrolling Information].
4. Touch the preferred information item.

The following information items are available.

- [Address Book Icons]
- [Destination/Waypoint Icons]
- [Show pop-up for POIs]
- [Latitude/Longitude Info]



INFO:

- When the settings are turned on, placing the cross pointer on the Address Book icons, Destination/Waypoint icons or POI icons will display the information in a pop-up window. The latitude/longitude of any point on the map where the cross pointer is located will be displayed on the bottom left corner of the map screen.
- On the pop-up window, touch [Go Here] to set the location as a destination. Touch [Place Info] to display the place information screen.

On the place information screen, touch [Show Map] to display the map around the location and touch [Call] to call the selected place if the key is available.

6. Navigation

TRAFFIC INFORMATION ON MAP

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

 "Traffic information on map" (page 6-44)

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

INFO:

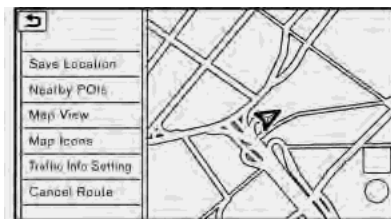
Traffic icons are displayed in the scale level of 1/64 miles (25 m) - 5 miles (10 km) range. Some traffic icons are displayed only on the map at higher detail levels.

MAP MENU SCREEN

Touch  while the current location map screen or a scrolled map screen is displayed to display the menu corresponding to that screen.

This menu can be used to quickly access helpful functions, such as setting a destination and searching for points of interest nearby.

Current location map screen



If  is touched while the current location map screen is displayed, the following options are available.

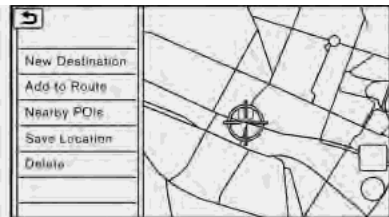
- [Save Location]:
Stores the current vehicle location in the

Address Book.

 "Storing location by moving map"
(page 6-47)

- [Nearby POIs]:
Searches for points of interest near the current vehicle location.
 "Finding nearby place" (page 6-16)
- [Map View]:
Map view settings can be changed.
 "Map view settings" (page 6-8)
- [Map Icons]:
The facility icons can be displayed or hidden by type.
 "Displaying facility icons" (page 6-11)
- [Traffic Info Setting]:
Set the various functions of the NavTraffic information system.
 "Traffic information on map"
(page 6-44)
- [Cancel Route]:
Delete destination and waypoints.
 "Canceling Route" (page 6-34)

Scrolled location map screen



If [Map Menu] is touched while a scrolled map screen is displayed, the following options are available.

- [New Destination]:
Sets the map location pointed at by the cross pointer as a new destination.
☞ "Setting point on map" (page 6-22)
- [Add to Route]:
Adds the map location pointed at by the cross pointer as a destination or a waypoint to the route already set.
☞ "Setting destination or waypoint" (page 6-35)
- [Nearby POIs]:
Searches for points of interest near the map location.
☞ "Finding nearby place" (page 6-16)

- [Save Location]:
Stores the map location pointed at by the cross pointer in the Address Book.
☞ "Storing location by moving map" (page 6-47)
- [Delete]:
Deletes a stored location or destination (waypoint) which the cross pointer is placed over an icon.
☞ "Deleting individual item on map" (page 6-52)

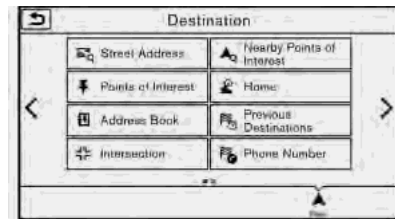
SETTING DESTINATION

The destination you wish to drive to can be set for route guidance.

BASIC OPERATIONS

Displaying destination setting menu

There are several methods that can be used to set a destination. Select a preferred method for finding and setting a destination.



Touch [Navi] on the Launch Bar.

The destination screen will be displayed when a route is not set.

6. Navigation



INFO:

If a route is set, the route menu screen will be displayed when [Navi] on the Launch Bar is touched. Touch [New Destination] to set a destination.

 "Route menu" (page 6-31)

Available destination setting methods:

Setting item	Action
[Street Address]	Searches for a destination by address.  "Finding address" (page 6-15)
[Nearby Points of Interest]	Searches for points of interest near the current vehicle location, such as restaurants and charging stations, etc.  "Finding nearby place" (page 6-16)
[Points of Interest]	Searches for a destination from various categories of businesses or locations.  "Finding points of interest" (page 6-17)
[Home]	Searches for a route from the current location to the previously stored home location.  "Setting home as destination" (page 6-19)
[Address Book]	Searches for a destination from Address Book.  "Searching from address book" (page 6-19)
[Previous Destinations]	Searches for the destination from the previous destinations and a previous start point.  "Searching from previous destinations" (page 6-20)
[Intersection]	Sets an intersection as a destination.  "Setting intersection" (page 6-20)
[Phone Number]	Searches for a point of interest by a telephone number.  "Setting by phone number" (page 6-21)
[City Center]	Sets the center of a city as the destination.  "Setting city center" (page 6-21)

[Freeway Entrance/Exit]	Sets a freeway entrance/exit as a destination. ☞ "Setting freeway entrance/exit" (page 6-21)
[Stored Routes]	Sets a route from the stored route data. ☞ "Setting from stored routes" (page 6-22)

INFO:

- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Address Book, etc.
☞ "Options before starting the route guidance" (page 6-23)
- The destination can be deleted.
☞ "Canceling Route" (page 6-34)

Specifying region

With some destination setting methods, state/province and city can be specified prior to searching for destination locations.

- Touch [Navi] on the Launch Bar.
- Touch the desired search method.
- Touch [State/Province] or [City].
- Enter the name of the state, province or city and then touch [List]. A list screen is displayed.
- Touch the preferred state, province or city from the list. After the setting is complete, the display will automatically return to the Destination screen.

INFO:

- When the system is restarted, the state in which the vehicle is recognized by the GPS to be located will be set automatically as a state for location search.
- Touch [Change Area] to change the area for conducting the location search.
- Touch [Current State] to search for the destination within the state or province where the vehicle is currently located.

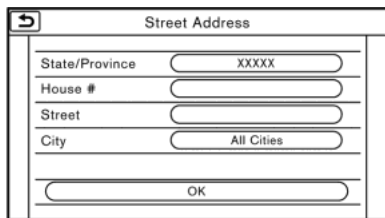
- Touch [Space] to enter a space between letters.
- After touching [City], touch [Last 5 Cities] to display the last 5 cities set as destinations.
- In some cases, when a city name has been entered, the number of matching destinations in the "Matches" column may be different from the number displayed on the list screen. If this occurs, enter more characters to further reduce the number of matches.
- It is not possible to search for a route from the continental United States or Canada to Hawaii, Virgin Islands, Puerto Rico, etc.

FINDING ADDRESS

Searches for a destination by address.

- Touch [Navi] on the Launch Bar.
- Touch [Street Address]. The street address input screen is displayed.

6. Navigation



- Input the street address.
 - Touch [State/Province] to enter the state or province name.
 - Touch [House #] to enter the house number. If the house number is not available, touch [No House #].
 - Touch [Street] to enter the street name. After finishing the entry, touch [List]. A list of streets is displayed.
 - Touch [City] to enter the city name. If the city name is not available, touch [All Cities].
- When information about state, house number, street, and city are entered, the destination is proposed on the touch screen display. Touch [OK].
- Touch [Start] to start route guidance.



Voice command

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

Use the following voice command to search for a destination by address:

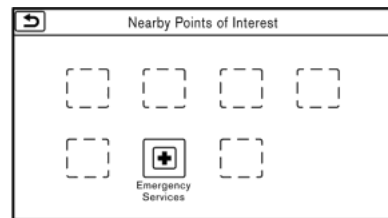
"Street Address"*

*: This voice command operation is available only when the language setting is in English.

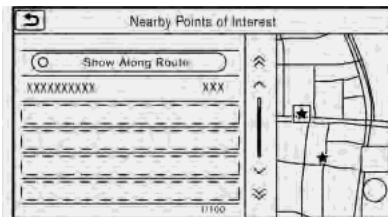
FINDING NEARBY PLACE

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.

- Touch [Navi] on the Launch Bar.
- Touch [Nearby Points of Interest]. The category list is displayed.



- Select [Emergency Services] for example.
- Select preferred category from the sub category list.



- Touch the preferred destination from the list. The position of the selected location is displayed in the preview on the touch screen display.



INFO:

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

6. Touch [Start] to start route guidance.



INFO:

You can also set the destination by touching [Map Menu] when scrolling the map and selecting [Nearby POIs] from the menu.



Voice command

- Push < ④ > located on the steering wheel.
- After the tone sounds, speak a command.

Use the following voice command to set a nearby place as a destination:

"Nearby"

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.



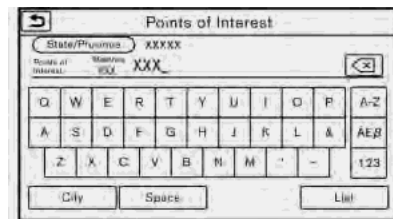
NOTE:

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 for a specific name

- Touch [Navi] on the Launch Bar.
- Touch [Points of Interest].
- Touch [Spell Name]. A character input screen is displayed.



INFO:

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

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

Sorting and filtering:

- [By Distance]:
Shows a list of facilities that are near the

6. Navigation

current vehicle location.

- [By Category]:

Display the list that summarizes the listed names into categories. Select the category to narrow down the search.



INFO:

- Touch [i] on the list screen to display the detailed information about the POI that is selected on the touch screen display.
6. A map of the selected place is displayed. Touch [Start] to start route guidance.



INFO:

- To search for a POI with two or more words, touch [Space] to enter a space between each word.
- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Stored Location, etc.
☞ "Options before starting the route guidance" (page 6-23)



Voice command

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

Use the following voice command to search for Points of Interest from a facility name:

"Points of Interest <POI Name>"

*: This voice command operation is available only when the language setting is set to English.

Searching Points of Interest by category

1. Touch [Navi] on the Launch Bar.
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. Narrow down condition screen is displayed.
5. Touch the narrow down category.

Search conditions:

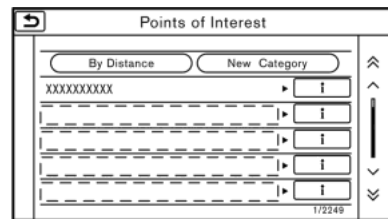
- [By Name]:
Enter the name of the facility
- [Select a City]:
Input the city to narrow down the target city.

- [Near Current Location]:

Facilities near the current vehicle location are displayed in a list.

- [Near Destination]:

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



6. Touch the preferred destination facility from the list.

Touch [Start] to start route guidance.



INFO:

- Subcategories may not be displayed depending on the selected main category.
- If there is no nearby POI, 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.

- Touch [i] on the list screen to display the detailed information about the POI that is selected on the touch screen display.
- Touch [By Distance] to sort the list by the distance. Touch [New Category] to select a different POI category.

Voice command

1. Push <  > located on the steering wheel.
 2. After the tone sounds, speak a command.
- Use the following voice command to search for Points of Interest from category:

“POI Category”

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. Touch [Navi] on the Launch Bar.
2. Touch [Home].
3. The home location is displayed on the touch screen display, and the system sets the home location as the destination.

INFO:

If the home location is not stored yet, the system will display a message asking if you wish to store a home location. Touch [Yes] to store the home location.

 “Storing home location” (page 6-46)

4. An entire route to the destination is displayed. Touch [Start] to start route guidance.

Voice command

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

Use the following voice command to set home as the destination:

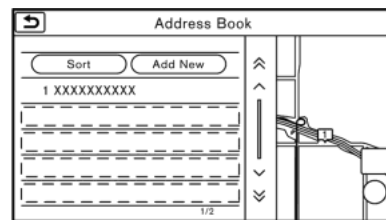
“Go Home”

SEARCHING FROM ADDRESS BOOK

Locations frequently visited can be stored in the Address Book and reused to set destinations.

 “Storing location” (page 6-46)

1. Touch [Navi] on the Launch Bar.
2. Touch [Address Book].



3. Touch the preferred location from the list.

INFO:

- Selecting [Sort] displays a list of various sort functions.
 - [Sorted By Number]:
The Address Book entries are displayed in ascending numerical order.
 - [Sorted By Name]:
The Address Book entries are displayed in alphabetic order.
 - [Sorted By Icon]:
By selecting a particular icon, a list that contains only the Address Book entries associated with that icon is displayed.
 - [Sorted By Group]:
By selecting a particular group (family, friends, leisure, etc.), the selected group is displayed at the top of the list.

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- Touch [Add New] to add a new location.
4. The selected destination is displayed. Touch [Start] to start route guidance.



Voice command

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

Use the following voice command to set a destination from the Address Book:

“Address Book”

SEARCHING FROM PREVIOUS DESTINATIONS

A previous destination and a previous start point 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. Touch [Navi] on the Launch Bar.
2. Touch [Previous Destinations]. A list screen is displayed.
3. Touch the previous destination or a previous start point from the list.
4. Touch [Start] to start route guidance.



Voice command

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

Use the following voice commands to display the previous destinations/start point list:

“Previous Destinations”

“Previous Start Point”

SETTING INTERSECTION

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Intersection]. Intersection screen is displayed.

Intersection	
State/Province	XXXXX
City	All Cities
1st Street	
2nd Street	
OK	

3. Input the Intersection.
 - Touch [State/Province] to enter the state or province name if necessary.

- Touch [City] to enter the city name.
 - Touch [1st Street] to enter the first street name. After finishing the entry, touch [List]. A list screen is displayed.
 - Touch [2nd Street] to enter the second street name. After finishing the entry, touch [List]. A list screen is displayed.
4. When information about state, city, and street are entered, the destination is proposed on the touch screen display. Touch [OK].
 5. The selected destination is displayed at the center of the map. Touch [Start] to start route guidance.



Voice command

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

Use the following voice command to set an intersection as destination:

“Intersection”*

*: This voice command operation is available only when the language setting is set to English.

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. Touch [Navi] on the Launch Bar.
 2. Touch [Phone Number]. The telephone number input screen is displayed.
 3. Enter the telephone number including the area code. After finishing entry, touch [OK].
 4. The selected destination is displayed. Touch [Start] after confirming the location of the displayed destination.

SETTING CITY CENTER

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

1. Touch [Navi] on the Launch Bar.
2. Touch [City Center]. A character input screen is displayed.
3. Enter the name of the city and touch [List]. A list screen is displayed.



INFO:

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

4. Touch the preferred destination from the list.



INFO:

Touch [By Distance] to sort the list by the nearest distance. Touch [By Name] to sort the list by the alphabetic order.

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



Voice command

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

Use the following voice command to set city center as a destination:

"City Center"

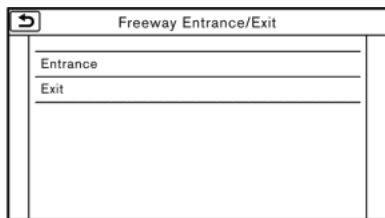
*: This voice command operation is available only when the language setting is in English.

SETTING FREEWAY ENTRANCE/EXIT

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Freeway Entrance/Exit] to display the keyboard input screen.
3. Enter the name of the freeway. After finishing entry, touch [List].
4. Touch the preferred freeway.

6. Navigation



5. Touch [Entrance] or [Exit]. A list screen is displayed.
6. Touch the preferred destination from the list. The selected location is displayed in the preview on the touch screen display.



INFO:

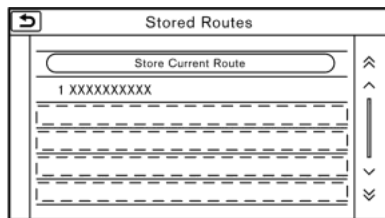
Touch [By Distance] to sort the list by the nearest distance.

7. Touch [Start] to start route guidance.

SETTING FROM STORED ROUTES

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Stored Routes]. A list screen is displayed.
3. Touch the preferred route from the list.



4. The entire route is shown on the map. Touch [Start] to start route guidance.

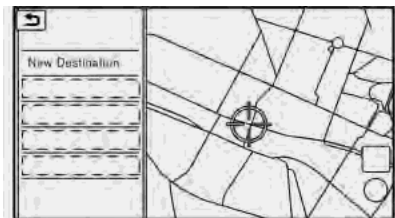


INFO:

- 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.
- To store the current route, touch [Store Current Route]. A route can be stored only when it includes one or more waypoints.

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 [Map Menu].



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 on the touch screen display. Touch [Start] to start route guidance.



INFO:

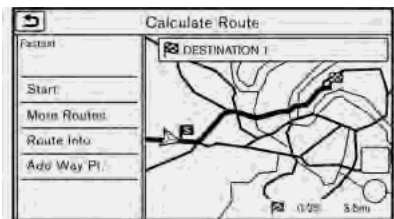
If a point on a freeway is set as the destination, a confirmation message is displayed.

OPTIONS BEFORE STARTING THE ROUTE GUIDANCE

Before starting the route guidance, select menus for route details to modify the route, preview the turn list, or store the route.

There are two types of route details menu that are displayed depending on the conditions and the methods used to set the destinations.

Example 1:

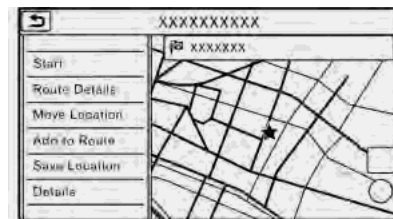


Route details menu:

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

- [Fastest]
Selects a route that is shortest in time.
- [Min. FWY]
Selects a route with minimum use of freeways.
- [Short. Dist.]
Selects a route that is shortest in distance.
- [Route Info]:
Route Information such as turn list and scrolled map can be displayed. The route can also be saved for future use.
- [Add Way Pt.]:
Route can be edited by adding a destination or a waypoint.
 - If a waypoint is added, three alternative routes cannot be selected.
 - It is possible to edit or add a destination or waypoints to the route that is already set.

Example 2:



Route details menu:

- [Start]:
Starts route guidance to the selected destination.
- [Route Details]:
Displays detailed information of the route and allows the route to be edited.
- [Move Location]:
Displays a map screen and allows the location of the destination to be adjusted.
- [Add to Route]:
Adds a location to the route previously set.
- [Save Location]:
Saves the location in the Address Book.
- [Details]:
Displays detailed information of the destination. Touch [Show Map] to display the map

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around the destination. Touch [Call] (when available) to make a phone call to the facility set as a destination.

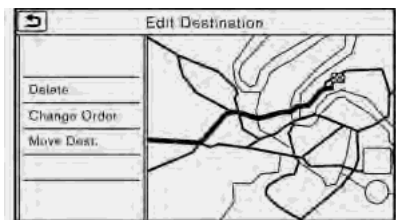


INFO:

Choosing different route search conditions in [More Routes] may not always search for different routes.

Moving location of destination

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



location of the destination is modified.



INFO:

The map scale can be changed.

1. Touch [Navi] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch the key of the location currently set as a destination on the list.
4. Touch [Move Dest.].
5. Adjust the location by moving the cross pointer across the map and touch [OK]. The

ROUTE GUIDANCE

ABOUT ROUTE GUIDANCE

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

Throughout the 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 6-62)**



INFO:

- 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 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.



INFO:

- When approaching a guide point (intersection or corner), destination, etc. during route guidance, voice guidance announces the remaining distance and/or turning direction. Push and hold **<MAP>** to repeat voice guidance.

- Voice guidance settings can be changed from [Intersection Guidance Settings].
 "Guidance settings" (page 6-39)

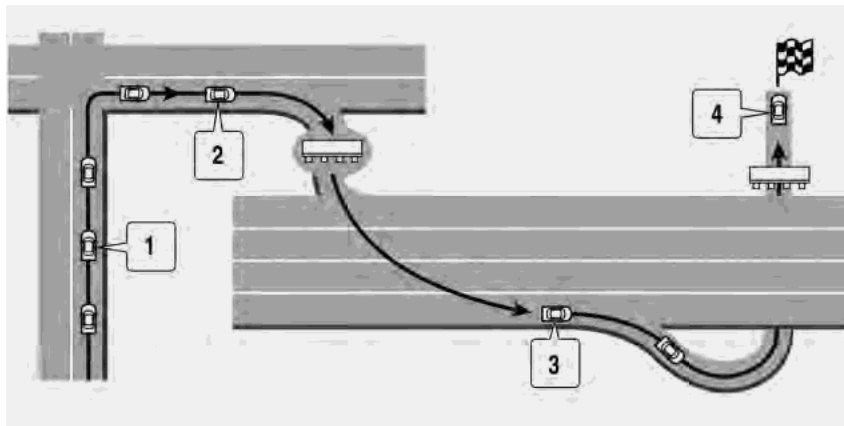
Voice guidance during route guidance

Basics of voice guidance:

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

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Example of voice guidance:



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

"Right (left) turn ahead."

- ② "In about a 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 1 mile (2 kilometers), exit on your right."

"Exit on your right."

- ④ "You have arrived at your destination."

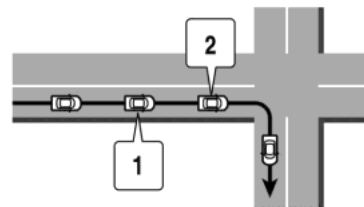
Directions will differ, depending on the road type.



INFO:

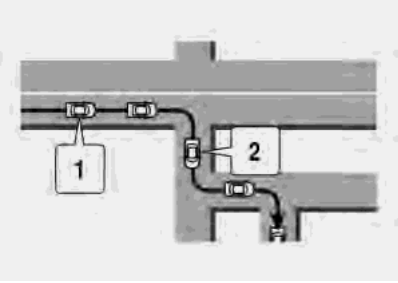
Distances may vary, depending on the vehicle speed.

Notification of intersection on ordinary road:



1. "In about a quarter mile (400 meters), right (left) turn."
2. "Right (left) turn ahead."

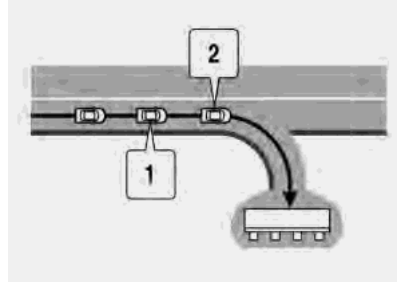
Notification of consecutive intersections on ordinary roads:



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

1. "In about a quarter mile (400 meters), right (left) turn, then in about a quarter mile (400 meters) left (right) turn."
2. "Left (right) turn ahead, then in about a quarter mile (400 meters) right (left) turn."

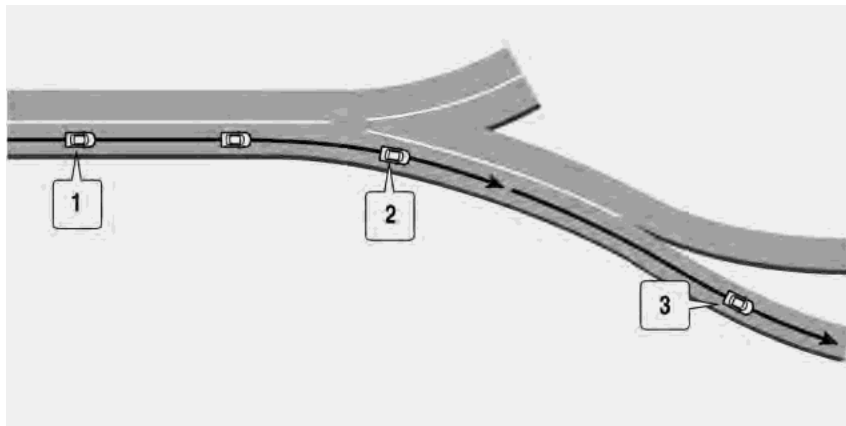
Notification of freeway entrance:



1. "In about a 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)."

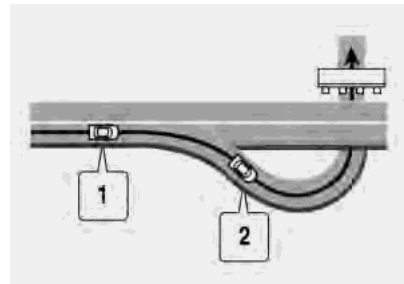
6. Navigation

Notification of freeway junction:



1. "In about 1 mile (2 kilometers), keep to the right (left) onto (road number and direction), then in about a quarter mile (400 meters) keep to the right (left)."
2. "Keep to the right (left) onto (road number and direction), then in about a 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 1 mile (2 kilometers), exit on your right."
2. "Take the second exit on your right."

Notification when approaching destination:

Ordinary road:

When approaching the destination, voice guidance will announce, "You have arrived at your destination." 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.”



INFO:

Actual voice guidances may vary depending on road conditions and information registered in the system.

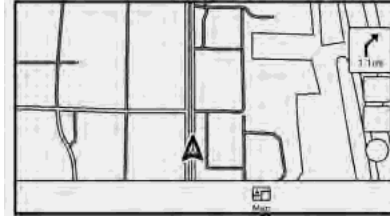
Route guidance screens

Various guidance screens are displayed on the touch screen display during route guidance.

The settings of the guidance screens can be changed.

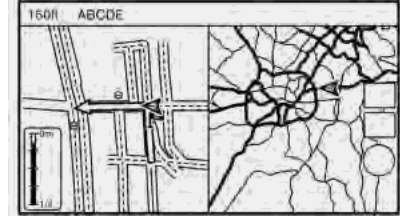
 “Map view settings” (page 6-8)

Route guidance on map screen:



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

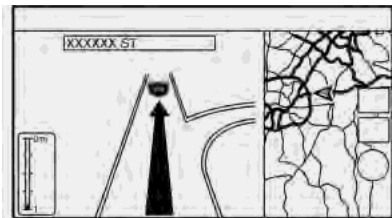
Enlarged intersection view:



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 full map screen while the enlarged intersection view is displayed, push **<MAP>**.

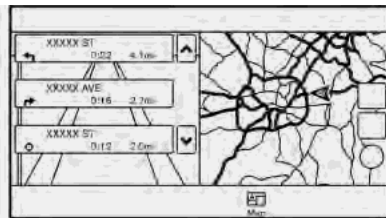
6. Navigation

Junction guidance:



While driving on a freeway, when the vehicle is approximately 1 mile (approximately 2 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 full map screen while the enlarged junction view is displayed, push **<MAP>**.

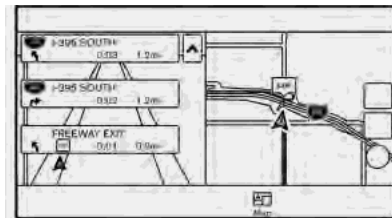
Turn list:



When [Turn List] in the view settings menu is turned on, a turn list can be displayed on the left side of the screen by pushing **<MAP>**. The left screen automatically switches to an enlarged view of the intersection when approaching a guide point. To switch to the full map screen, push **<MAP>**.

 "Map view settings" (page 6-8)

Freeway exit information:

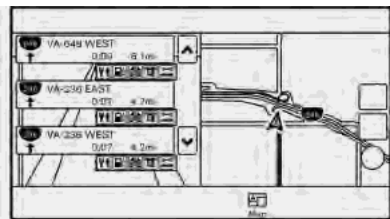


When [Turn List] and [Show all Freeway Exit on Route] are turned on and the route includes a freeway or toll road, all exits along the route which have exit information will be shown in the turn list. The exit information is shown as icons.

 "Map view settings" (page 6-8)

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 on the turn list cannot be selected.



ROUTE MENU



WARNING

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

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



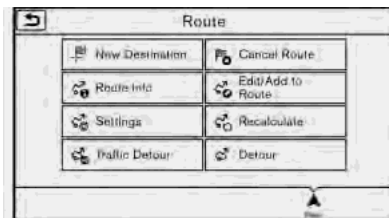
INFO:

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.

 "Options before starting the route guidance" (page 6-23)

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



Touch [Navi] on the Launch Bar.

Route menu screen is displayed when a destination is already set.

6. Navigation

Available settings

Setting item			Action
[New Destination]			Sets the new destination.  "Setting new destination" (page 6-34)
[Cancel Route]			Removes the current route guidance.
[Route Info]	[Turn List]	Displays the details of the suggested route.	
	[Simulation]	Simulates the suggested route. This function provides a detailed image of the route with voice guidance. Touch  to pause, touch  to resume, and touch  to end the simulation.	
	[Store Route]	A calculated route can be stored. A route can be stored only when it includes at least one waypoint.	
	[Map Scroll]	A map scrolled further will be displayed.	
[Edit/Add to Route]			A destination or waypoint can be edited to a route that has already been set.  "Editing route" (page 6-34)
[Settings]	[Guidance Settings]	[Guidance Voice]	Activates or deactivates voice guidance.
		[Guidance Volume]	Adjust the volume level of voice guidance.
		[Traffic Announcement]	Provides the announcement of the traffic information event on the route.
	[Route Settings]	[Basic Route Type]	Set the route search condition.
		[Other Routing Choices]	 "Route Settings" (page 6-41)
	[Show Destination]	[Move Location]	Displays a map screen and allows the location of the destination to be adjusted.
		[Nearby POIs]	Search for points of interest near the current vehicle location, such as restaurants and gas stations, etc.
		[Save Location]	Save the destination in the Address Book.
[Recalculate]			Manually search for the route again after changing the search conditions and have the system calculate a route.  "Recalculating route" (page 6-37)

[Traffic Detour]	Set the route search condition to detour traffic jam and traffic accident.  "Searching for detour route using traffic information" (page 6-37)
[Detour]	A detour of a specified distance can be calculated.  "Setting detour route" (page 6-38)

6. Navigation

SETTING NEW DESTINATION

When the destination is already set, new destination can be set.

1. Touch [Navi] on the Launch Bar.
2. Touch [New Destination].
3. Touch the preferred destination setting method.

 "Setting destination" (page 6-13)

CANCELING ROUTE

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Cancel Route].
3. A confirmation message is displayed. Touch [Yes] to delete the currently set destinations and waypoints.



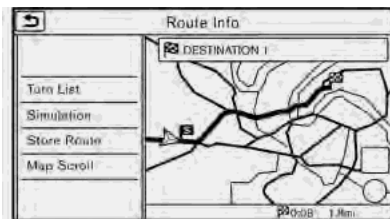
INFO:

The deleted destination and waypoints cannot be reactivated.

CONFIRMING ROUTE

The route information can be confirmed and the suggested route simulation can be performed.

1. Touch [Navi] on the Launch Bar.
2. Touch [Route Info].



3. Touch the preferred item.

Available items

- [Turn List]:
Displays the details of the suggested route.
- [Simulation]:
Simulate the suggested route. This function provides a detailed image of the route with voice guidance.
Touch the following keys for operation.
 : Pauses the simulation.
 : Resumes the simulation.
 : Ends the simulation.

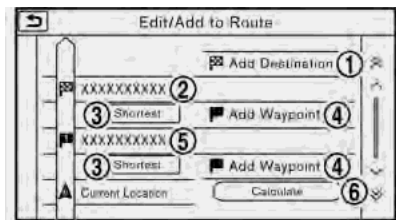
- [Store Route]:

A calculated route can be stored. A maximum of 5 routes can be stored. The stored routes can easily be recalled for future use.

- [Map Scroll]:

Displays a map screen where the location of the destination can be confirmed.

EDITING ROUTE



1. Touch [Navi] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Set the preferred conditions and touch [Calculate].

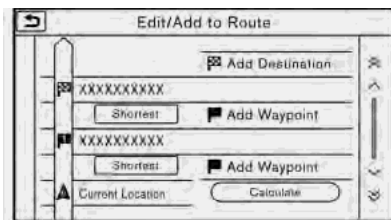
Available settings

- ① [Add Destination]:
Touch to add a new destination.
- ② Current destination:
Touch to edit or delete the destination.
✎ "Editing/deleting destination or waypoint" (page 6-35)
- ③ Condition for calculating a route to the destination/waypoint:
Changes the conditions for route calculation.
✎ "Changing route calculation conditions" (page 6-36)
- ④ [Add Waypoint]:
Touch to add a waypoint.
✎ "Setting destination or waypoint" (page 6-35)
- ⑤ Current waypoint:
Modifies or deletes the waypoint.
✎ "Editing/deleting destination or waypoint" (page 6-35)
- ⑥ [Calculate]:
After editing the route, the system recalculates a route with new conditions.

Setting destination or waypoint

A destination or waypoint can be added to a route that has already been set. Up to 5 waypoints besides one destination can be set.

1. Touch [Navi] on the Launch Bar.
2. Touch [Edit/Add to 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.
✎ "Setting destination" (page 6-13)
5. Touch [Add to Route] to add the location to the route.

6. The route information with the selected location added to the route is displayed. Adjust the route calculation conditions as necessary.

✎ "Changing route calculation conditions" (page 6-36)

7. Touch [Calculate] to confirm the route change. The route will be recalculated.

INFO:

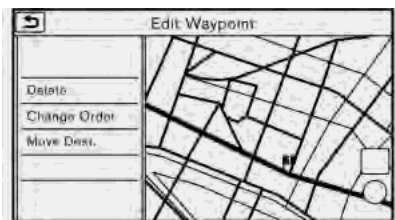
- The prior route will be deleted automatically.
- Destinations or waypoints can also be added from the Map Menu.
✎ "Scrolled location map screen" (page 6-13)

Editing/deleting destination or waypoint

A destination or waypoint that has already been set can be modified or deleted.

1. Touch [Navi] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch a destination or waypoint that is already set.

6. Navigation



4. Touch the item you would like to set.

Available settings

- [Delete]:
A selected destination or waypoint that has already been set can be deleted.
 - [Change Order]:
The order of a destination and waypoints that are already set can be changed.
 - [Move Dest.]:
The location of the destination or waypoint can be adjusted by moving the cross pointer across the map on the touch screen display.
5. Touch [Calculate] to apply the change.

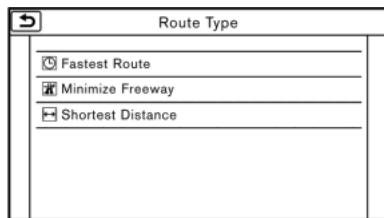


INFO:

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.



1. Touch [Navi] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch the route type shown on the preferred section of the route to the destination or waypoint.
4. Touch the preferred condition.
 "Route Settings" (page 6-41)
5. The conditions are changed and the display returns to the Edit Route screen.
6. Touch [Calculate] to apply the change.

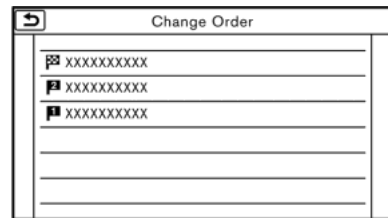


INFO:

- 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 [Navi] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch a destination or waypoint that is already set.
4. Touch [Change Order].
5. Touch a preferred destination or waypoint to replace the previously selected destination or waypoint.

6. Touch [Calculate] to apply the change.

RECALCULATING ROUTE

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Recalculate]. A message is displayed and the route is recalculated.
3. Touch [Start] or conduct other operations as necessary.

☞ "Options before starting the route guidance" (page 6-23)

INFO:

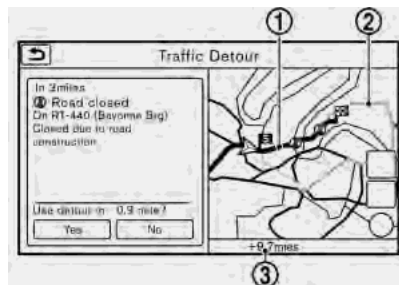
- When a waypoint has been set on the route, the system will search for only one route, even if route recalculation is performed.
- When the vehicle deviates from the suggested route, the route from the current location to the destination is automatically searched again by the Auto Reroute function.

☞ "Route Settings" (page 6-41)

SEARCHING FOR DETOUR ROUTE USING TRAFFIC INFORMATION

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. Touch [Navi] on the Launch Bar.
2. Touch [Traffic Detour].



3. 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.

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

INFO:

- 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.

☞ "Notes on SiriusXM Traffic information" (page 5-7)

- If no route is set, or [Use Real Time Traffic Information] is turned off, this function cannot be operated.

☞ "Route Settings" (page 6-41)

- 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

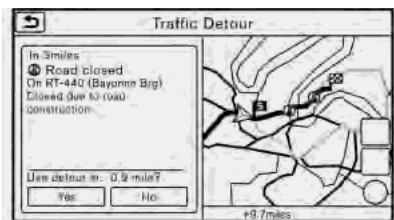
6. Navigation

time.

Automatic detour guidance

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

 "Route Settings" (page 6-41)



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



INFO:

- If no operation is performed for 1 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 the message appears on the screen.

 "Guidance settings" (page 6-39)

SETTING DETOUR ROUTE

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Detour].
3. 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.

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. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Guidance Settings].
3. Touch an item you would like to set.

Setting item		Action
[Guidance Volume]		Adjusts the volume level of voice guidance.
[Guidance Voice]		Activates or deactivates voice guidance.
[Traffic Announcement]		Activates/deactivates 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.
[Intersection Guidance Settings]	[Tones Only]	When this item is turned on, a tone will sound at the timing of [At Turning Point], [Near Guidance] and [Basic Guidance].
	[1 Voice Guide]	When this item is turned on, a tone will sound at the timing of [At Turning Point] and [Near Guidance], and the voice guidance will be announced at the timing of [Basic Guidance].
	[2 Voice Guide]	When this item is turned on, a tone will sound at the timing of [At Turning Point], and the voice guidance will be announced at the timing of [Near Guidance] and [Basic Guidance].
	[3 Voice Guide]	When this item is turned on, a tone will sound at the timing of [At Turning Point], and the voice guidance will be announced at the timing of [Near Guidance], [Basic Guidance] and [Far Guidance].
[Estimated Time]	[Destination]	Displays  and the travel time to the destination on the map screen.
	[Waypoint]	Displays  and the travel time to the waypoint on the map screen.

6. Navigation



INFO:

- The guidance volume can also be adjusted by turning **<VOL/  >** or pushing **<  + >/<  - >** on the steering wheel while voice guidance is being announced.
- A SiriusXM Traffic subscription is necessary to use Traffic Announcement function.

Route Settings

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

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Route Settings].
3. Touch the item you would like to set.

Setting Item		Action	
[Basic Route Type]	[Fastest Route]	Prioritizes the use of freeways.	
	[Minimize Freeway]	Minimizes the use of freeways.	
	[Shortest Distance]*	Prioritizes the shortest route.	
[Other Routing Choices]	[Minimize Toll Roads]		Minimizes the use of toll roads.
	[Time Restricted Rd]	[Use Restriction Info]	Calculates route taking time restriction information into consideration.
		[Do Not Use Restriction Info]	Calculates route without taking time restriction information into consideration.
		[Avoid]	Calculates route avoiding the use of time restricted roads.
	[Use Real Time Traffic Information]		Uses the latest traffic information received via the SiriusXM Traffic broadcast.  "Searching for detour route using traffic information" (page 6-37)
	[Use Avoid Area Settings]		Enables the avoid area setting.
	[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.	

6. Navigation

	[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.

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



INFO:

- If [Do Not Use Restriction Info] is selected for [Time Restricted Rd] setting, 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 [Time Restricted Rd] is set to be considered or not.
- 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 Information] 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.

VIEWING TRAFFIC INFORMATION

NavTraffic 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.

NavTraffic 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. Available traffic information on the route the driver selected is shown on the navigation screen so traffic conditions between you 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

NavTraffic information is not a substitute for attentive driving. Traffic conditions change constantly and emergency situations can arise without warning. Relying only on NavTraffic 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.**
- **A SiriusXM Traffic subscription is necessary to view Traffic Info.**
 **"SiriusXM Travel Link" (page 5-7)**

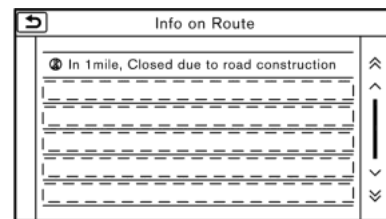
VIEWING AVAILABLE TRAFFIC INFORMATION

Viewing traffic events from list

1. Touch [Info] on the Launch Bar.
2. Touch [SXM Traffic]. A list of available types of information are displayed.

Available items	Function
[Info on Route]	Displays a list of traffic information found on the route from the current vehicle location to the destination. Available only when a route is set.
[Nearby Traffic Info]	Displays a list of available traffic information around the current vehicle location.

3. Touch the preferred information. A list of available events are displayed.



6. Navigation

4. Touch a preferred events from the list to check the detailed information and the map.

Displaying urgent traffic information

When an urgent event is found around the current vehicle location, a message pops up automatically on the touch screen display 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:

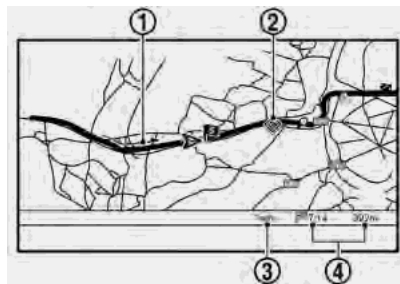
- Urgent traffic information is displayed regardless of whether [Use Traffic Info] function is on or off.
☞ "Traffic information setting"
(page 6-45)
- When there are multiple urgent events, the event with the shortest direct distance from the current location is displayed.
- If the urgent event is on 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 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 5-7)

Screen information



- ① Road conditions
Free Flow: Green arrow
Moderate traffic: Yellow arrow
Heavy traffic: Red arrow
Section affected by serious traffic event: Purple arrow
- ② 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
- ③ 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".

- ④ Remaining distance and estimated time to the destination calculated with consideration of traffic information on route.

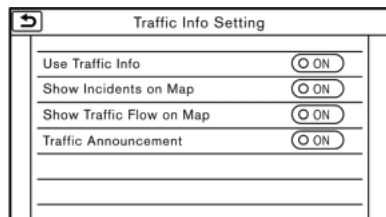


INFO:

Traffic icons are displayed in the scale level of 1/64 miles (25 m) - 5 miles (10 km) range. Some traffic icons are displayed only on the map at higher detail levels.

TRAFFIC INFORMATION SETTING

Settings for the traffic information related functions can be changed.



1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Traffic Info Setting].
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 Flow on Map]:
Displays the traffic flow with an arrow on the map screen.
- [Traffic Announcement]:
Announces the traffic information event on the route.



INFO:

- Even when [Show Traffic Flow on Map] and [Show Incidents on Map] are set to off, the list display of [Info on Route] and [Nearby Traffic Info] will not be affected.
 "Viewing traffic events from list"
(page 6-43)
- 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.

Use the following voice command to turn the traffic information system on/off:

"Traffic Information"

6. Navigation

STORING A LOCATION/ROUTE

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. Touch [Navi] on the Launch Bar.
2. Touch [Home].
3. If the home location is not registered, the system asks if you wish to store it. Touch [Yes] to continue with the storing operation.
4. Set the Home location using the same procedure as setting a destination.
☞ "Setting destination" (page 6-13)

5. The selected location is displayed on the map screen as a home icon. Edit the contents of the stored item as necessary and touch [OK].

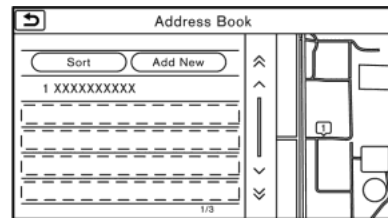
☞ "Editing stored home and location" (page 6-49)

Other Settings

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Home Location (None)].
4. Touch an appropriate method to set a location. Refer to the search methods used for destination setting.
☞ "Setting destination" (page 6-13)
5. When stored, the location is displayed at the center of the map on the touch screen display.
6. Edit the contents of the stored item as necessary and touch [OK].
☞ "Editing stored home and location" (page 6-49)

Storing location by searching

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



1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Stored Locations].
5. Touch [Add New].
6. Touch an appropriate method to set a location. Refer to the search methods used for destination setting.
☞ "Setting destination" (page 6-13)
7. A message is displayed, and the address of the location is stored in the Address Book.
8. Adjust and edit the contents of the stored item as necessary. Touch [OK] to confirm.
☞ "Editing stored home and location" (page 6-49)

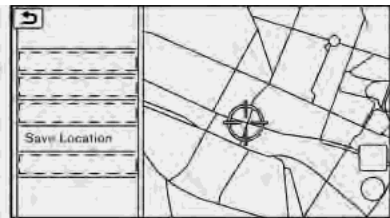


INFO:

- When the location is stored in the Stored Locations, [Stored Locations] can be used to search for the location.
 "Searching from address book" (page 6-19)
- When 200 locations are already stored, a new location cannot be stored until a currently stored location is deleted.

Storing location by moving map

- Move to the preferred location on the map and touch on the touch screen display.



- Touch [Save Location]. A message is displayed.
- The icon representing the stored location is displayed on the map. Push **<MAP>** to return to the current location map screen.

STORING ROUTE

A maximum of 5 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.

- Touch [Navi] on the Launch Bar.
- Touch [Route Info].
- 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.

- Touch [Settings] on the Launch Bar.
- Touch [Navigation].
- Touch [Address Book].
- Touch [Stored Routes].
- Touch [Store Current Route]. A confirmation message is displayed.
- Confirm the contents of the message and touch [Yes]. The current route is stored.



INFO:

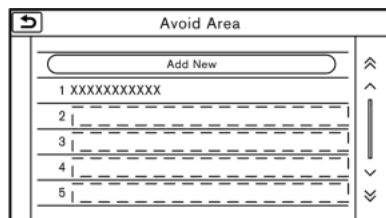
- At least 1 waypoint must be set for the route to be stored.
- A stored route includes only locations (destination and waypoints) and route calculation conditions, not the route itself.
- The route is stored in the first available position number in the store current route list.
- When 5 routes are already stored in the address book, a new route cannot be stored until a route is deleted.
 "Deleting stored item" (page 6-51)

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.

- Touch [Settings] on the Launch Bar.
- Touch [Navigation].
- Touch [Address Book].
- Touch [Avoid Area].

6. Navigation



EDITING STORED INFORMATION

Items stored in the system can be edited.

5. Touch [Add New].

Touch an appropriate method to search for a location.

 “Setting destination” (page 6-13)

6. Adjust the information of the Avoid Area as necessary.

 “Editing avoid area” (page 6-51)

7. Touch [OK] to store the avoid area information.



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 6-51)

Editing stored home and location

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].

Setting item			Action
[Home Location]*	[Edit]	[Show Icon on Map]	Displays the home icon on the map.
		[Icon]	Selects a home icon of a preferred design.
		[Sound]	Sets the type of the alarm that sounds when the vehicle approaches home.
		[Direction]	Sets the alarm to sound when approaching from a specific direction.
		[Distance]	Sets the alarm to sound when reaching a specific distance to home.
		[Phone No.]	Stores the home telephone number.
	[Move Location]		Adjusts the stored home location.
[Stored Locations]	[Delete]		Deletes the stored home location.
	[OK]		Confirms and saves the edited home information.
	[Sort]	[Sorted By Number]	Sorts the stored locations.  "Searching from address book" (page 6-19)
		[Sorted By Name]	
		[Sorted By Icon]	
		[Sorted By Group]	
	[Add New]		Adds a new location.  "Storing location by searching" (page 6-46)
	Stored Location List	[Edit]	Displays the icon on the map.
		[Show Icon on Map]	
		[Name]	Registers a name of the entry.

6. Navigation

			[Voicetag]	Registers a voicetag for the entry which allows the entry to be used with the voice recognition system.
			[Icon]	Selects an icon for the entry.
			[Sound]	Sets the type of the alarm that sounds when the vehicle approaches the location.
			[Direction]	Sets the alarm to sound when approaching from a specific direction.
			[Distance]	Sets the alarm to sound when reaching a specific distance to the location.
			[Phone No.]	Registers a phone number of the location.
			[Group]	Registers a group of the entry.
			[Entry Numbers]	Registers an entry number for the location.
		[Move Location]		Adjusts the stored location information.
		[Delete]		Deletes the stored location information.
		[OK]		Confirms and saves the edited stored location information.

*: When home location has not been stored, [Home Location (None)] is displayed and a home location can be stored from the menu.

Editing stored route

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Stored Routes].
4. Touch the preferred stored route from the list.

Available setting items

- [Rename]:
Changes the stored route name.
- [Replace]:
Overwrites the stored tracked route to the current tracked route.
- [Delete]:
Deletes the stored route.
- [OK]:
Applies the edited settings.

Editing avoid area

1. Touch [Settings] on the Launch Bar and touch [Navigation].
2. Touch [Address Book] and then touch [Avoid Area].
3. Touch a preferred Avoid Area from the list.
Avoid Area editing screen will be displayed.

Setting item	Action
[Rename]	Changes the name of an Avoid Area.
[Move Location]	Display the Avoid Area on the touch screen display, and adjusts the location of the Avoid Area.
[Resize Area]	Adjusts the range of the Avoid Area.
[FWY]	Sets the route to include or not include freeways. On the map, the Avoid Area will be displayed in green if it includes a freeway or in blue if it does not include a freeway.
[Delete]	Delete an Avoid Area.
[OK]	Applies the edited setting.

**INFO:**

If the current vehicle location is set to an Avoid Area, the system will not provide route guidance.

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.

6. Navigation

Deleting stored item individually

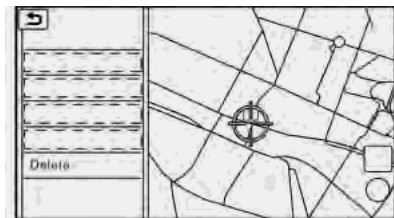
1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Delete Stored Items].

Select the preferred item and touch [Yes] to complete the deleting operation.

Step 1	Step2	Action
[Delete Home Location]		Deletes home location.
[Delete Address Book]	[Delete All]	Deletes all stored locations.
	[Delete one]	Deletes a selected stored location.
[Delete Stored Routes]	[Delete All]	Deletes all stored routes.
	[Delete one]	Deletes selected stored routes.
[Delete Avoid Areas]	[Delete All]	Deletes all Avoid Areas.
	[Delete one]	Deletes a selected Avoid Area.
[Delete Previous Destinations]	[Delete All Previous Destinations]	Deletes all of the previous destinations.
	[Delete Previous Destination]	Deletes a selected previous destination.
	[Delete Previous Start Point]	Deletes a previous start point.
[Delete Learned Routes]		Deletes all system 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].
3. A confirmation message is displayed. Confirm the contents of the message and touch [Yes].

The stored item is deleted from the Address Book.

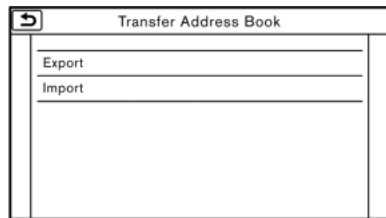
TRANSFERRING INFORMATION TO/ FROM ADDRESS BOOK

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

-  "USB (Universal Serial Bus) Connection Ports and AUX (auxiliary) input jack" (page 2-5)



INFO:



1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Transfer Address Book].
5. Touch [Export] or [Import].
6. Touch [Home Location] or [Stored Locations].
7. Touch [Download].



NOTE:

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



INFO:

- If the USB memory device already has the data for a stored address, a confirmation message will be displayed. Once overwritten, the original data cannot be recovered.
- Either of the two USB ports can be used for information transfer.
- A USB memory device can be used to transfer data but it is not possible to edit the data using a personal computer, etc.

6. Navigation

NAVIGATION SETTINGS

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

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch the item you would like to set.

Available items:

[Address Book]

Stores locations and routes. Stored items can be edited.

 "Storing a location/route" (page 6-46)

[Map View]

Sets the display method and direction of the map.

 "Map view settings" (page 6-8)

[Map Icons]

Sets the map icons to appear on the map.

 "Displaying facility icons" (page 6-11)

[Guidance Settings]

Sets the various functions for route guidance.

 "Guidance settings" (page 6-39)

[Route Settings]

Changes the routing preferences.

 "Route Settings" (page 6-41)

[Traffic Info Setting]

Sets the various functions of the NavTraffic information system.

 "Traffic information setting" (page 6-45)

[Speed Limit Indication on Map]

Turns on/off the speed limit display function. When this item is turned on, speed limit indicator will appear on the map screen when available.

[Others]

Setting item		Action
[Map Scrolling Information]	[Address Book Icons]	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 6-11)
	[Destination/Waypoint Icons]	
	[Show pop-up for POIs]	
	[Latitude/Longitude Info]	
[Customize Nearby POIs]	Item List	Customizes the 5 nearby categories to show the categories that you frequently use.
	[Reset]	Resets the 5 nearby categories to default.
[Keyboard Type]	[QWERTY]	The keyboard layout of the character input screens can be selected.
	[ABC]	
[Tracking Dots Displayed on Map]	[Show Tracking Dots on Map]	Turns the route tracking dots display on/off.
	[Dist. Between Tracking Dots]	Select tracking dot interval.
	[Delete Track to Current Location]	Deletes the route tracking dots up to the current location.
[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.

[Delete Stored Items]

Deletes a stored location or route.

 "Deleting stored item individually" (page 6-52)

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[Delete Previous Destinations]

Deletes all or one of the previous destinations or a previous start point.

 "Deleting stored item individually" (page 6-52)

[Reset All Navigation Settings to Default]

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

GENERAL INFORMATION FOR NAVIGATION SYSTEM

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)?

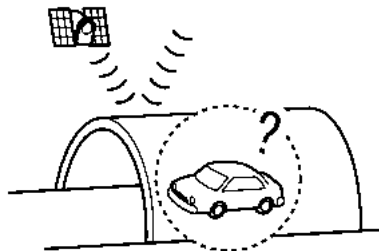
GPS is a position detecting system that uses satellites deployed by the U.S. government. This navigation system receives radio signals from three or more different satellites that orbit 13,049 miles (21,000 km) above the earth in space, and detect the position of the vehicle by utilizing the principle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

Positioning adjustment:

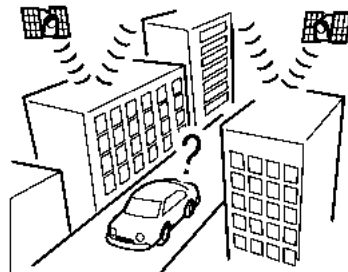
When the system judges that the vehicle position is not accurate based on vehicle speed and gyro sensor data calculations, the system will automatically adjust the position of the vehicle icon using GPS signals.

Receiving signals from GPS satellites:

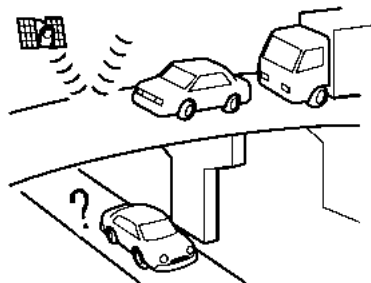
The reception of GPS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GPS signals.



- Inside tunnels or parking garages

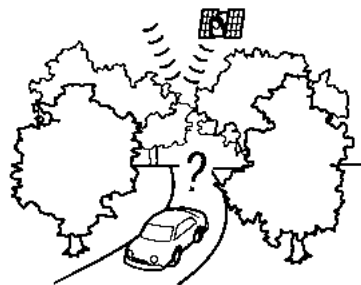


- In areas with numerous tall buildings

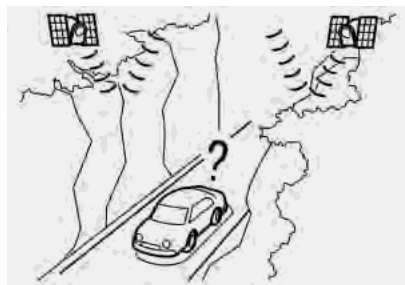


- Under multi-layered highways

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- Areas with numerous tall trees



- In a canyon

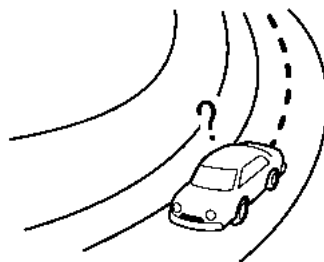


INFO:

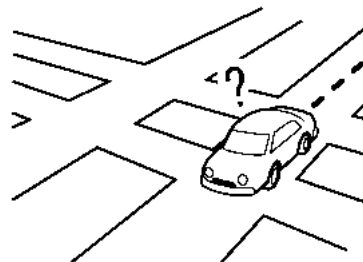
The GPS antenna is located on the instrument panel inside the vehicle. Do not place any objects, especially cellular phones or transceivers, on the instrument panel. Because the strength of the GPS signal is approximately one billionth of that of TV waves, phones and transceivers will affect or may totally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

Incorrect display of vehicle position

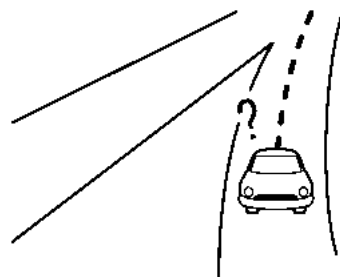
The following cases may affect the display accuracy of the vehicle's position or traveling direction. The accuracy will return to normal if the driving conditions return to normal.



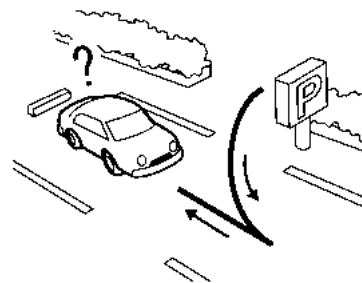
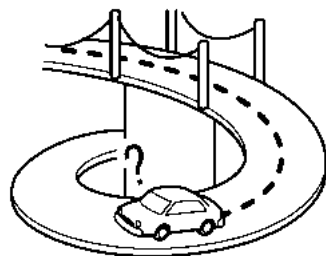
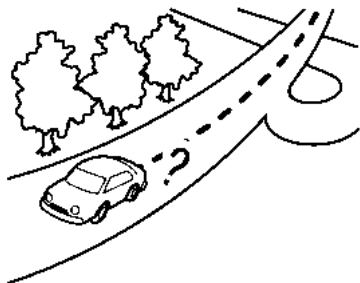
- When there is a similar road nearby.



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



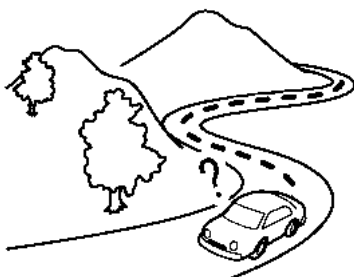
- When the vehicle is passing through a large Y-shaped intersection/junction.



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

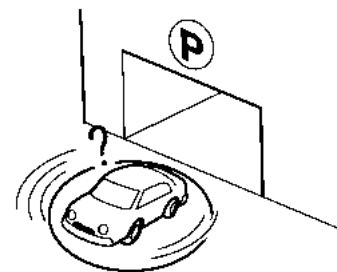
- When the vehicle is on a loop bridge.

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



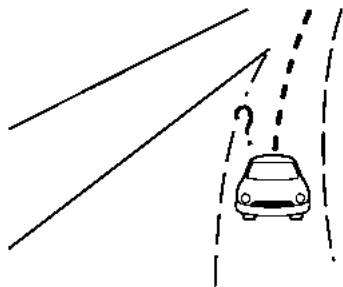
- When the vehicle is traveling on a road with repeating S-shaped curves.

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

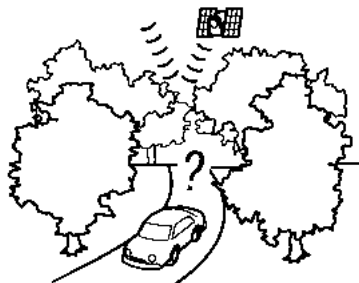


- When the vehicle is rotated on a parking lot turntable while the ignition switch placed in the OFF position.

6. Navigation



- 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/dark green 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 [Time Restricted Rd] is set to [Use Restriction Info] or [Avoid].
 "Route Settings" (page 6-41)
- 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 your 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. Please 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 the **<MAP>** and the **<MENU>** 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.

6. Navigation

- 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 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.

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 and hold the **<MAP>**. Voice guidance will be repeated.



INFO:

If **<MAP>** is pushed and held when the vehicle is going in the wrong direction, voice guidance will announce: "Please make a legal U-turn if possible."

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 6-37)
- 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.
- Voice guidance is not available when the [Guidance Voice] is turned off.  "Volume and Beeps settings"

(page 2-15)

- 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.

MAP DATA

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.

6. Navigation

How to order map data updates

Visit NissanNavigation.com or contact the NISSAN NAVIGATION SYSTEM HELPDESK to order updated map data (See the contact information on the inside front cover of this manual).

About map data

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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, benzene, 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.

6. Navigation

- 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.

7 Voice recognition

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7. Voice recognition

VOICE RECOGNITION

USING VOICE RECOGNITION SYSTEM

Initialization

When the ignition switch is in the "ON" or "ACC" position, Voice Recognition is initialized. When the initialization is complete, the system is ready to accept voice commands. If < 𐄧 > on the steering wheel is pushed before the initialization completes, the display will show a message to wait until the system is ready.

BEFORE STARTING

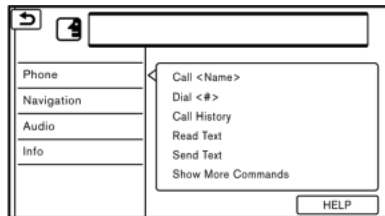
To get the best recognition performance from Voice Recognition, observe the following items.

- 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.

- The system cannot recognize voice commands spoken from passenger seats.

GIVING VOICE COMMANDS

1. Push < 𐄧 > located on the steering wheel.



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

Available category commands are displayed on the left side of the screen. Speak or touch a category command from the category command list.

INFO:

- Some of the commands for each category are shown on the right side of the screen and they can also be spoken without selecting a category.

- After executing the category command, only the commands related to the selected category can be recognized.

"Command list" (page 7-6)

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 or by tilting < 𐄧 > / < 𐄨 > up or down and pushing < OK > on the steering wheel.

INFO:

The Voice Recognition system will pause its operation when no command is given after three prompts. To resume the operation, push < 𐄧 > on the steering wheel.

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

INFO:

To cancel a voice command, push and hold < 𐄧 >.

Operating tips

- Speak a command after the tone.
- If the command is not recognized, the system will prompt you to speak the command again. Repeat the command in a clear voice.
- Touch [] on the touch screen or push <  > on the steering wheel to return to the previous screen.
- To exit the Voice Recognition system, push and hold <  > on the steering wheel.
- To adjust the volume of the system feedback, push <  - > / <  + > on the steering wheel or turn the < VOL /  > while the system is making an announcement. The volume setting is also available from [Guidance Volume] in the [Settings] menu on the Launch Bar.
 "Volume and Beeps settings"
 (page 2-15)
- When setting a destination for route guidance with some search methods, such as POI, Intersection or City Center search, the search area is automatically set to the state where your vehicle is located. Change state/province to change the search area to another state/province if necessary.

Voice Prompt Interrupt:

In most cases, you can interrupt the voice feedback to speak the next command by pushing the <  > on the steering wheel. After interrupting the system, wait for a tone before speaking your command.

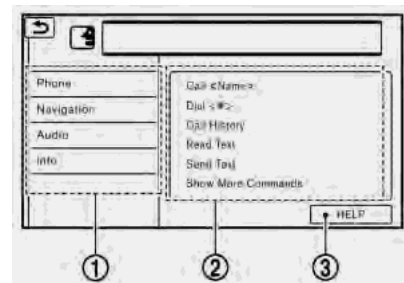
One Shot Call:

To use the system faster when making a call, you may speak the second level command skipping speaking the first level command. For example, push <  > and say "Redial" after the tone without first saying "Phone".

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 on the voice command list. The Second screen is displayed.
3. Speak a command or select an item on the voice command list. The command is executed or the next screen for further command is displayed.
4. Follow the prompts to complete the commands.

Voice command screens:



First screen

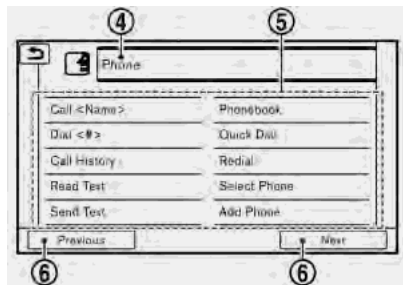
- ① Shows a list of available categories. Speak a category command or touch the key of the corresponding category.
- ② Shows a list of available commands for the selected category. Speak a preferred command.
- ③ Touch [HELP] or say "Help" to hear help announcements on how to use the system.

7. Voice recognition



INFO:

Push < 𐄧 > to stop the help announcements.



Second screen

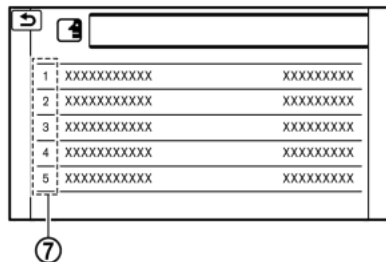
④ Previously selected command.

⑤ Command list

You can speak a command from the list or touch the corresponding key. Preferred words can be spoken for the part of the command enclosed in < >.

⑥ [Previous]/[Next]

Say as a command or touch to go to the previous/next screen.



List screen

⑦ Speak a number from 1 to 5 or touch an item on the list screen to select the item.

How to speak numbers

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

General rule:

500, 800 and 900 can be pronounced as “five hundred”, “eight hundred” and “nine hundred” respectively.

For other numbers, only single digits 0 (zero) to 9 can be used. (For example, for the number “600”, speaking “six zero zero” can be recognized by the system, but “six hundred” cannot.)

Example:

1-800-662-6200

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



INFO:

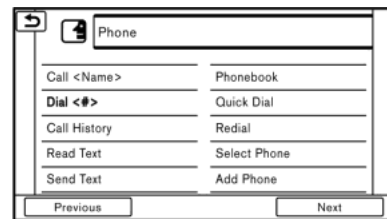
For the best recognition, speak “zero” for the number “0”, and “oh” for the letter “o”.

Voice command examples

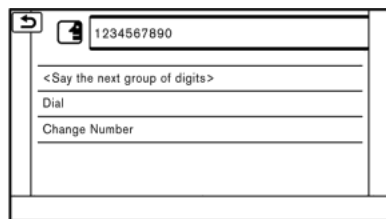
As examples, some additional basic operations that can be performed by voice commands are described here.

Example 1 Placing call by speaking a phone number:

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



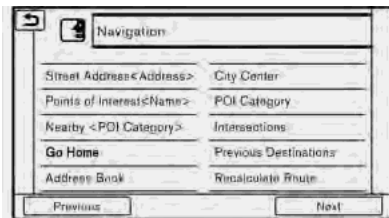
3. Speak "Dial <phone number>".



4. The phone number recognized by the system is displayed on the screen. If the number is correct, say "Dial".
5. The system will make a phone call to the spoken phone number.

Example 2 Setting home as a destination:

1. Push < < > > located on the steering wheel.
2. Wait for the indicator change to < < > >. Speak "Navigation".



3. Speak "Go Home". The navigation system will set home as a destination.



INFO:

- Location of home must be registered to the Address Book prior to using this command.
- The step of speaking "Navigation" can be omitted.

Example 3 Displaying folders in the USB device:

1. Push < < > > located on the steering wheel.
2. Wait for the indicator change to < < > >. Speak "Audio".
3. Speak "USB Show Folders". The folders in the connected USB device will appear on the touch screen display.

7. Voice recognition

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

The following commands can be used during a phone Voice Recognition session.

Command	Action
Dial	The system makes a call to the spoken phone number.
Change Number	Change a spoken phone number.

7. Voice recognition

Phone Command

1st Command	2nd Command	3rd Command	4th Command	Action
Phone	Phonebook	<phonebook name>		Makes a call to a contact that is stored in the mobile phone. You can select the type from [Mobile], [Home], [Office], [Main] or [Other].
		<phonebook name> <type>		
	Call History	Incoming Calls		Displays an Incoming Call list.
		Outgoing Calls		Displays an Outgoing Call list.
		Missed Calls		Displays a Missed Call list.
	Dial <#>	Dial		Makes a call to a spoken phone number.
		Change Number		Change a spoken phone number.
	International Call	<phone number>		Makes an international call by allowing more than 11 digits to be spoken. You may need to include the international call prefixes and country codes.
	Redial			Makes a call to the last outgoing phone number.
	Add Phone			Use this command to connect a compatible Bluetooth® device to system. Follow the on-screen instructions to complete the pairing process from your handset.
	Select Phone	<1 - 5>		Use this command to select a phone from a list of the registered devices.
	Quick Dial	<quick dial name>		Makes a call to a contact that is stored in the Quick Dial.
		<1 - 5>		
	Call <name>			Makes a call to a contact that is stored in the Quick Dial or phonebook.
	Call	<phonebook name>		Makes a call to a contact that is stored in the mobile phone.
<phonebook name> <type>		Makes a call to a contact that is stored in the mobile phone. You can select type from [Mobile], [Home], [Office], [Main] or [Other].		
Send Text	<phonebook name> <type>		You can select a text message from a list and send it a contact name. You can select a type from [Mobile], [Home], [Office], [Main] or [Other].	

7. Voice recognition

1st Command	2nd Command	3rd Command	4th Command	Action
		Incoming Calls		A list of spoken call history is displayed. Select a contact to whom you wish to send the text message.
		Outgoing Calls		
		Missed Calls		
		Enter Number		Enter a phone number to which you wish to send the text message. Say "Pick Message" to confirm the phone number and select a text message.
		<quick dial name>		A phone number registered in the quick dial can be selected as a recipient.
	Read Text	< 1 - 5 >	Play	You can listen to recent text messages received. Reads out a text message. Select from the list of current received messages.
			Reply	Reply to a received message.
			Call	Call the sender of the message.

Operating tips for phone command operation:

- After the command "Call", a name registered in the phonebook can be spoken for recognition, while a phone number can be spoken after the command "Dial". Names from the phonebook cannot be spoken after the command "Dial".
- Names in the phonebook can be recognized when only a first name is spoken or when spoken in the order of first name and then the last name. The system does not recognize the commands when only a last name is spoken or if the phonebook name was pronounced with last name first and then the first name.
- The system has the function to read the text messages out loud, but misreading may occur in some cases.
- Even if nicknames such as "Mom" or "Dad" are registered in the cellular phone, the voice recognition system recognizes only names. To have the system recognize the nicknames, register the entries in the [Quick Dial] from the Phone menu.
 "Quick Dial" (page 4-11)

General navigation command

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

7. Voice recognition

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.
Add as waypoint		The selected location will be added to the route as a waypoint.
Change Address (English only)	Change State	After the street address is specified, state, city, street, or house number change changed.
	Change City	
	Change Street	
	Change House Number	

Navigation Command

1st Command	2nd Command	3rd Command	Action
Navigation	Street Address (English only)	<House number>, <Street>, <City>, <State/Province>	Used to search for a street address. Follow the prompts to enter the street address.
	Street Address <Full Address> (English only)		Used to search for a street address.
	Points of Interest (English only)		Speak a POI name to search for as a destination.
	Points of Interest <POI name> (English only)		Used to search for the POI within a specified state, province or city. Follow the prompts to enter the place name.
	Points of Interest (English only)	<POI name>	Used to search for the POI within a specified state or city. Follow the prompts to enter the place name.

7. Voice recognition

1st Command	2nd Command	3rd Command	Action
	Nearby	< 1 - 5>	When a route is set, options of [Near Current Location], [Along Route] and [Near Destination] will be displayed. Select an item to search for the POI of the selected category in the preferred area.
	POI Category		
	Nearby <POI Category>	< 1 - 5>	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.
	Go Home		Sets a route to your home location.
	Previous Destinations	< 1 - 5>	Sets a route to a previously entered destination.
	Address Book	<Stored location name> < 1 - 5>	Sets a route to a location stored in the Stored location.
	City Center (English only)	<City name>	Sets a route to a city center.
	Intersection (English only)	<Street name>	Sets a route to an intersection. To specify a city to narrow down the search, select [Select City].
	Recalculate Route	Fastest	Sets the route search condition to find the fastest route. Sets the route search condition to find the route that is the most energy saving.
		Shortest distance	Sets the route search condition to find the route that is the shortest in distance.
		Minimize Freeway	Sets the route search condition to find a route with a minimal use of freeways.
	Traffic Detour		Sets the route search condition to detour traffic jam and traffic accident.
	Distance Detour		Sets a detour according to the distance selected from the list.
	Previous Start Point		Sets a route with the previous starting point as a destination.
	Cancel Route		Deletes a destination and waypoints.

7. Voice recognition

1st Command	2nd Command	3rd Command	Action
	Zoom In		Zooms in the map scale by 1 step.
	Zoom In <1-13>		Increases the magnification of the map by the number of steps specified.
	Zoom Out		Zooms out the map scale by 1 step.
	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.
	Full Map		Displays a full map.
	Split Map		Displays a split map.
	2D Map		Change the current map to a 2D Heading Up map.
	3D Map		Change the current map to a 3D map.
	Repeat Voice Guidance		Speaks the current navigation guidance.
	Voice Guidance ON		Turns the navigation guidance on.
	Voice Guidance OFF		Turns the navigation guidance off.
	Show POI Icons		Select a category of POI the icon you wish to display on map. Selected POI icons will be displayed on the map screen.
	Remove POI Icons		Select a category of the POI icon you wish to delete from the map. Selected POI icons will be deleted from the map screen.
	Route Information		Display the route information.
	Where am I?		Displays the information of the current position.

7. Voice recognition

Operating tips for navigation command operation:

- Depending on the area where the vehicle is located (such as in Puerto Rico, Guam, etc.), the system may not recognize the general navigation commands.
- Points Of Interest:
 - The POI commands searches for Points of Interest registered in the navigation system.
 - When searching for POI, the search is conducted within the current state/province or the state/province specified by "Change State" command. To change the state/province, speak "Change State" after the prompt and then after the next prompt, speak the name of the state/province for which you wish to conduct the POI search. The state/province will be reset to the current state each time the voice recognition session is restarted.
 - The following POI main categories cannot be used for "Points of Interest" search with voice command operations while all registered categories can be recognized for "Nearby" search:
Others, Repair, Rental Car Agency, Parking, Police Station, Administration, ATM, Other Leisure, Bars & Clubs, Other Dealers, Motorcycle Dealership, Medical Offices, Post Office, Auto Parts, Banquets & Food Delivery, Carwash, Copying, Day Care, Fire Station, Laundry & Cleaners, Office Supply, Other Services, Other Shopping, Package Delivery
- Street Address:
 - Alphabet letters cannot be included when speaking a house number. When a specified house number cannot be found, a location representing the address will be displayed.
 - Speak in a natural conversational speed without pausing between words for better recognition.
 - When the system recognizes the command incorrectly, correct the search conditions using commands such as "Change State", "Change City", "Change Street" or "Change House Number".

Audio Command

1st Command	2nd Command	3rd Command	Action
Audio	iPod Play Artist	<artist name>	Turns on the iPod®, selecting the artist.
	iPod Play Album	<album name>	Turns on the iPod®, selecting the album.
	iPod Play Song	<song name>	Turns on the iPod®, selecting the track. You can speak the commands successively
	iPod Play Playlist	<playlist name>	Turns on the iPod®, playing the playlist which you said.
	iPod Show Artists		Displays a list of Artist names stored in the iPod®.
	iPod Show Albums		Displays a list of Albums in the iPod®.
	iPod Show Songs		Displays a list of songs in the iPod®.
	iPod Play Artist <artist name>	<1-5>	Turns on the iPod®, selecting the artist.
	iPod Play Album <album name>	<1 - 5>	Turns on the iPod®, selecting the album.
	iPod Play Song <song name>	<1 - 5>	Turns on the iPod®, selecting the track. You can speak the commands successively.
	iPod Play Playlist <play-list name>	<1 - 5>	Turns on the iPod®, playing the playlist which you said.
	iPod Play All Songs		Plays all songs in the iPod®.
	Play Artist <artist name>		Plays the songs of the corresponding song list in the iPod®.
	Play Album <album name>		
	Play Song <song name>		
	Play Playlist <playlist name>		

7. Voice recognition

1st Command	2nd Command	3rd Command	Action
	AM <am frequency>		Turns to the AM band, selecting the station of the preferred frequency.
	AM		Turns to the AM band, selecting the station last played.
	AM Preset <1-6>		Plays the spoken AM preset station.
	FM <fm frequency>		Turns to the AM band, selecting the station of the preferred frequency.
	FM		Turns to the FM band, selecting the station last played.
	FM Preset <1-12>		Plays the spoken FM preset station.
	SXM <Channel number>		Turns to the SiriusXM Satellite Radio band, selecting the channel number.
	SXM <Channel name>		Turns to the SiriusXM Satellite Radio band, selecting the channel name.
	SXM		Turns to the SiriusXM Satellite Radio band, selecting the channel last played.
	SXM Preset <1-18>		Plays the spoken SXM preset channel.
	Play	AM	Turns to the AM band, selecting the station last played.
		FM	Turns to the FM band, selecting the station last played.
		SXM	Turns to the SiriusXM Satellite Radio band, selecting the channel last played.
		USB	Turns on the USB, selecting the last played mode.
		iPod	Turns on the iPod®, selecting the last played mode.
		CD	Turns on the CD, selecting the last played mode.
		Bluetooth Audio	Turns on the Bluetooth® Audio, selecting the last played mode.
		AUX	Turns on the AUX audio, selecting the last played mode.
	Play AM		Turns to the AM band, selecting the station last played.
	Play FM		Turns to the FM band, selecting the station last played.

7. Voice recognition

1st Command	2nd Command	3rd Command	Action
	Play SXM		Turns to the SiriusXM Satellite Radio band, selecting the channel last played.
	Play CD		Turns on the CD, selecting the last played mode.
	Play Bluetooth Audio		Turns on the Bluetooth® Audio, selecting the last played mode.
	Play AUX		Turns on the AUX audio, selecting the last played mode.
	Play USB		Turns on the USB, selecting the last played mode.
	Play iPod		Turns on the iPod®, selecting the last played mode.
	USB		Turns on the USB, selecting the last played mode.
	iPod		Turns on the iPod®, selecting the last played mode.
	USB Show Folders		Displays folders in the USB memory device.
	USB Play Folder <folder name>		Plays songs in the selected folder in the USB memory device.
	USB Play File <file name>		Plays songs in the selected file in the USB memory device.

Operating tips for audio command operation:

- An audio device connected via Bluetooth® cannot be operated with the Voice Recognition system. Source change is only available for Bluetooth® streaming Audio.
- If two USB devices are connected at the same time, voice operation will only be available for use with one registered and selected device. When selecting “YES” in the pop-up screen that displays after a new USB audio device is connected, the USB audio device is registered in the voice recognition system and is selected automatically. One iPod® and one USB device can be registered in the system. If a USB audio device is newly registered, old data is overwritten. It may take a few moments to register an audio device. If you want to enable voice operation for music stored in a previously registered audio device, select the device you want to use in advance. Even when a device has been previously registered, simply connecting the device will not result in it being selected automatically.

 “Voice recognition settings” (page 7-17)

7. Voice recognition

- The Voice Recognition system may not function when the song information is too long (artist names, album titles, song titles and play lists, etc.).
- The SXM function will not operate without a subscription to SiriusXM Satellite Radio.
- When playing USB files with the voice recognition system, do not pronounce the extension attached to the file name (such as “.mp3”).
- Song titles registered in ID3 tags cannot be pronounced for voice recognition operation.

Information Command

1st Command	2nd Command	Action
Information	Where am I?	Displays information of the current position.
	SXM Weather Map	Displays the SXM Weather map.
	SXM Current Weather	Displays the nearby weather (current weather).
	SXM Weather Forecast	Displays the weather forecast.
	SXM Fuel Prices	Displays fuel prices.
	SXM Movie Listings	Displays SXM Movie Listings.
	SXM Stocks	Displays SXM stock information.
	SXM Sports Scores	Displays sports scores.
	SXM Traffic	Turns the traffic information system on or off.



INFO:

A SiriusXM Travel Link or SiriusXM Traffic subscription is necessary to receive SXM information services.

 “SiriusXM Travel Link” (page 5-7)

VOICE RECOGNITION SETTINGS

The voice recognition settings can be changed.

1. Touch [Setting] on the Launch Bar.
2. Touch [Voice Recognition].
3. Touch the item you would like to set.

Available settings

- [Minimum Voice Feedback]:
Turns the minimum voice feedback function on/off. When this item is turned on, short and minimized voice feedback will be provided.
- [Audio device setting]:
Select an audio device to be operated via the Voice Recognition system from the audio devices connected to the USB ports. A device with an indicator light illuminated can be operated with the Voice Recognition system.

7. Voice recognition

MEMO

8 Troubleshooting guide

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8. Troubleshooting guide

CUSTOMER ASSISTANCE

For assistance or to order updated map data, contact the NISSAN NAVIGATION SYSTEM HELPDESK. For other assistance or inquiries, contact NISSAN Consumer Affairs Department or NissanConnectSM Mobile Apps customer service. See the contact information on the inside front cover of this manual.

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.  "Display settings" (page 2-15)
The screen is too bright.	Screen brightness is set to the maximum brightness.	Adjust the brightness setting of the screen.  "Display settings" (page 2-15)
A small black spot or a small bright spot appears on the screen.	This is a typical phenomenon for liquid crystal displays.	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 displays.	This is not a malfunction.
Image motion displayed on the screen is slow.	The cabin temperature is less than 50°F (10°C).	Wait until the cabin temperature rises to within 50°F (10°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 displays.	Adjust the brightness setting of the screen.  "Display settings" (page 2-15)
The screen turns blue or an error message is displayed on the touch screen display.	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.

8. Troubleshooting guide

AUDIO SYSTEM

HD RADIO TECHNOLOGY (for U.S.)

Sound

Symptom	Possible cause	Possible solution
Delay in digital audio on HD Radio broadcasts.	The radio acquires an analog station first and blends to an digital signal.	This is not a malfunction.
Audio skips, stutters, or echoes.	The radio station has not properly aligned the digital and analog audio.	Verify correct operation on another station. Report any station with poor performance.
Volume changing up/down.	The radio station has not properly aligned digital and analog audio level.	Verify correct operation on another station and check www.hdradio.com for stations in the area. Report any station with poor performance.
Sound fading in and out.	The transition between analog and digital is taking place (blending).	Verify transition performance on several stations in the area. Report any stations with poor alignment.
Excessive blending (Transition between analog and digital).	The receiver is located near the edge of the digital coverage area.	Refer to hdradio.com to verify radio stations in your coverage area.
Digital audio not better than analog audio.	Audio processing on the digital audio at a station can potentially decrease the digital audio sound quality.	Verify correct operation on another station. Report any station with poor performance.

Functional

Symptom	Possible cause	Possible solution
Keep losing my local stations.	The digital coverage is slightly less than the analog signal coverage.	Verify correct operation on another station. This is expected behavior.
	Shadowing (urban/terrain) can cause reduced digital coverage.	Verify correct operation on another station.
Some data fields are blank.	Text information is sent at the broadcaster's discretion.	Verify correct operation on another station. Report station issues.
Text information is truncated / appears to be more available.	The display is limited to a fixed number of characters and more data is being sent than can be shown.	This is an intended behavior.
AM reception changes at night.	AM stations are required by the government (FCC) to lower their power at night.	This is not a malfunction.

8. Troubleshooting guide

COMPACT DISC (CD) PLAYER

Symptom	Possible cause	Possible solution
Music cannot be played back.	The disc is inserted upside down.	Insert a CD with the label side facing up.
	Moisture condensation occurs inside the unit.	Wait until the moisture evaporates (approximately 1 hour).
	The cabin temperature is too high.	Wait until the cabin temperature becomes moderate.
	The disc is scratched or dirty. A disc is not always playable if it is scratched.	Wipe off any dirt from the disc.
	Depending on the condition in which they are stored, discs may become unreadable due to deterioration (for example, keeping the discs in the passenger compartment, etc.).	Change the disc with a deterioration-free disc. Do not use a deteriorated disc. The label surface of the disc may crack or chip, and the layer of the label surface may eventually peel off.
The compressed audio files cannot be played back.	If both music CD files (CD-DA data) and compressed audio files (MP3 data, etc.) are mixed on one disc, the audio compression files cannot be played back.	Prepare a disc that includes compressed audio files only.
	The files are not named using characters that are compliant with the specifications.	Use the character codes and the number of characters that are compliant with the specifications for folder names and file names. In addition, always use ".MP3", ".WMA", ".mp3" or ".wma" for file extensions.
It takes a long time before the music starts playing.	The disc contains a large amount of data.	Some time may be required to check the files. It is recommended that unnecessary folders or any files other than compressed audio files should not be recorded in a disc.
The sound quality is poor.	The disc is dirty.	Wipe off any dirt from the disc.

8. Troubleshooting guide

Symptom	Possible cause	Possible solution
No sounds are played though the CD play time is displayed.	The system plays back the first track of the mix mode disc. (Mix mode is a format in which data except music is recorded on the first track and music data is recorded on one other than the first track in a session.)	Play back music data that are recorded on one other than the first track.
Music cuts off or skips.	The combination of writing software and hardware might not match; or the writing speed, writing depth, writing width, etc. might not match the specifications.	Create a disc using different writing speed settings, etc.
The system skips the selected track and moves to the next track.	A non-MP3/WMA file is given an extension of ".MP3", ".WMA", ".mp3" or ".wma".	Prepare MP3/WMA files.
	The system plays back a file that is prohibited due to copyright protection.	Prepare playable files.
The tracks do not play back in the desired order.	The folder locations in the disc are changed by the writing software while the files are written in the disc.	Check the settings of the writing software, and create a new disc.
The CD cannot be ejected.	The ignition switch is not placed in the "ACC" or "ON" position.	Place the ignition switch in the "ACC" or "ON" position.

8. Troubleshooting guide

iPod® PLAYER

Symptom	Possible cause	Possible solution
The system does not recognize an iPod®.	A connector cable is not correctly connected, or the iPod® does not correctly operate.	Connect the connector cable again. If the system does not recognize the iPod® after performing this procedure above, reset the iPod®.
	The iPod® that is to be connected is not compatible with the system.	Check the iPod® model and firmware versions available for the system.
	A USB extension cable is not correctly connected.	Do not use a USB extension cable.
	The cable is rapidly connected to or disconnected from the USB port.	Slowly connect or disconnect the USB cable.
An iPod® cannot be operated.	The iPod® is connected to the in-vehicle audio system while headsets, etc. are connected to the iPod®.	Remove all equipment from the iPod® after disconnecting the iPod® from the system, and then connect it to the system again.
	The iPod® is not operating normally.	Disconnect the iPod® from the in-vehicle audio system, and then connect it to the system again.
	The system plays back an album/file that includes a particular album art.	Disconnect the iPod® from the in-vehicle audio system, and then reset the iPod®. Disable the album art, and then connect the iPod® to the system.  "iPod® Menu" (page 3-26)
An iPod® does not respond.	There are too many files in a category.	Decrease the number of files in a category (less than 65500 files).
	The shuffle function is turned on.	Turn off the shuffle function if many files are stored on the iPod®.
Music cannot be played back.	A connector is not connected to the iPod®.	Firmly connect the connector to the iPod®.
Playback cuts out.	The sound cuts due to vibration resulting from an unstable location of the iPod®.	Place the iPod® on a stable location where it does not roll over.
Distorted sound occurs.	The EQ (equalizer) function of the iPod® is turned on.	Turn off the EQ (equalizer) function on your iPod®.

8. Troubleshooting guide

Symptom	Possible cause	Possible solution
Battery charge of an iPod® takes longer.	Battery charge of the iPod® may take longer while an iPod® is playing back.	If the iPod® needs to be charged, it is recommended to stop playing the music.
Battery charge of an iPod® is unavailable.	The cable that is connected to the iPod® may be damaged or improperly connected.	Check the cable currently in use.
Functions cannot be operated using an iPod® that is connected to the in-vehicle audio system.	-	The operation of an iPod® must be performed using the in-vehicle audio system after the iPod® is connected to the system.
Sound skips.	Surrounding circumstances (noise, etc.) may cause the sound to skip.	This does not indicate a malfunction.
	A USB extension cable is used.	Do not use a USB extension cable.

8. Troubleshooting guide

USB MEMORY DEVICE

Symptom	Possible cause	Possible solution
The system does not recognize a USB device.	A USB extension cable is used.	Do not use a USB extension cable.
	A USB hub is used.	Do not use a USB hub.
	A USB device is rapidly connected to or disconnected from the USB port.	Slowly connect or disconnect the USB device.

BLUETOOTH® STREAMING AUDIO

Symptom	Possible cause	Possible solution
Registration cannot be performed.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® audio device Owner's Manual.
	Bluetooth® is disabled on device.	Check that the Bluetooth® function is enabled on device.
	The PIN code is incorrect.	Check the PIN code for the Bluetooth® audio device that is to be registered.
		Check that the PIN code for the Bluetooth® audio device is consistent with that for the in-vehicle audio system.
	Another Bluetooth® device is used in the vehicle.	Turn off the other Bluetooth® device until the registration is completed.
Music cannot be played back.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® audio device Owner's Manual.
	The system is not set to the Bluetooth® audio mode.	Push <AUDIO> to select the Bluetooth® audio mode.
	A Bluetooth® adapter is turned off.	Turn on a Bluetooth® adapter when it is used for a Bluetooth® audio device.
Playback stops.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Visit www.nissanusa.com/bluetooth/ to check Bluetooth® audio device compatibility.
	A cellular call is active.	This is not a malfunction.
	Sound may cut out when a Bluetooth® audio device is operated.	Push <AUDIO> to select the Bluetooth® audio mode, and then operate a function on the touch screen display of the in-vehicle system in stead of conducting the operation on the Bluetooth® audio device.

8. Troubleshooting guide

Symptom	Possible cause	Possible solution
Audio operation cannot be performed.	A Bluetooth® audio device that does not support audio operations is in use.	Visit www.nissanusa.com/bluetooth/ to check Bluetooth® audio device compatibility.
	An error occurs when connecting to a Bluetooth® audio profile.	Turn the power source of the Bluetooth® audio player off and on, and then resume connection with the system.

BLUETOOTH® HANDS-FREE PHONE SYSTEM

Symptom	Possible cause	Possible solution
A cellular phone cannot be registered.	The cellular phone is not compatible with the in-vehicle hands-free phone system.	Use a cellular phone compatible with the system. Visit www.nissanusa.com/bluetooth/ to check compatibility.
	Registration of the cellular phone has been performed incorrectly.	Check the registration procedure, and then register the cellular phone again.
A cellular phone cannot be connected or is disconnected after the registration is completed.	The Bluetooth® setting of the in-vehicle hands-free phone system is turned off.	Turn on the Bluetooth® setting of the system.
	The Bluetooth® setting of the cellular phone is turned off.	Turn on the Bluetooth® setting of the cellular phone.
	The remaining battery level of the cellular phone is low.	Charge the battery of the cellular phone.
	The wireless Bluetooth® connection may be disrupted depending on the location of the cellular phone.	Do not place the cellular phone in an area surrounded by metal or far away from the in-vehicle hands-free phone system. Do not place the cellular phone close to the seats or your body.
	Registration of the cellular phone is not completed.	Perform registration of the cellular phone.
A call to a particular phone number fails.	If the system tries to make a call several times to the same phone number (for example: the party does not respond to the call, the party is out of the service area, or the call is abandoned before the party responds), the system may reject a request to make a call to the phone number.	Turn off the cellular phone and turn it on again to reset the connection.

8. Troubleshooting guide

Symptom	Possible cause	Possible solution
The system does not recognize the connection of a cellular phone. The system does not receive or make a call.	The cellular phone is not compatible with the in-vehicle hands-free phone system.	Use a cellular phone compatible with the system. Visit www.nissanusa.com/bluetooth/ to check compatibility.
	The cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.
	The phone operation is limited by the functions (such as dial lock, etc.) of the registered cellular phone.	Remove any settings that are limiting use of the cellular phone, and then perform registration again.
The other party cannot hear your voice. The other party can hear your voice, but it cracks or cuts out.	Mute function is enabled.	Verify mute function is disabled.
	The cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.
	The fan speed of the heater/air conditioner is too fast.	Decrease the fan speed of the heater/air conditioner.
	The ambient noise level is excessive. (For example: heavy rain, construction sites, inside a tunnel, oncoming vehicles, etc.)	Close the windows to shut out ambient noise.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed.
	The incoming or outgoing voice level is too loud.	Adjust the incoming or outgoing voice level properly.
The voice is cut out or noise is heard during a call.	The wireless Bluetooth® connection may be disrupted depending on the location of the cellular phone.	Do not place the cellular phone in an area surrounded by metal or far away from the in-vehicle hands-free phone system. Do not place a cellular phone close to the seats or your body.
When a cellular phone is operated to make a call, the hands-free function becomes unavailable.	Some models of a cellular phone do not switch to the hands-free mode when they are operated to make a call.	This is not a malfunction. Make a call again using the hands-free function.
The other party's voice cannot be heard. There is no ring tone.	The volume level is set to the minimum.	Adjust the volume level.
	A cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.

8. Troubleshooting guide

Symptom	Possible cause	Possible solution
Each volume level (ring tone, incoming voice or outgoing voice) is different.	Each volume level is not adjusted properly.	Adjust each volume level properly.
The antenna display is different between the navigation screen and a cellular phone screen. Making or receiving a call is unavailable even though the antenna display shows that it is possible to do so.	The antenna display varies depending on the model of cellular phone.	This does not indicate a malfunction. The antenna display and remaining battery level shown on the navigation screen may be different from those shown on the cellular phone screen. Use them as a reference.
A voice cannot be heard clearly when using a cellular phone behind tall buildings.	Some structures such as tall buildings, etc. may cause irregular reflection of radio waves or completely shut out radio waves that are used for cellular phones.	Move to a place without tall buildings.
Noise is heard when using a cellular phone under/near areas of elevated railroads, high voltage electric power cables, traffic signals, neon billboards, etc.	Electromagnetic waves that are generated from radio devices may adversely affect the cellular phone.	This is not a malfunction.
Noise is heard in the sound from the audio system while using a cellular phone.	Radio waves that are generated from a cellular phone may adversely affect the sound from the audio system.	This is not a malfunction.
Sound skips or stutters.	The cellular phone may have turned on the wireless LAN (Wi-Fi).	Turn off the wireless LAN (Wi-Fi).
Phonebook cannot be downloaded.	An error occurred during the phone pairing process.	Please delete the Bluetooth® pairing information from both the mobile phone and vehicle system before registering it again.
	Phone does not support phonebook download function.	Visit www.nissanusa.com/bluetooth/ to check compatibility.

8. Troubleshooting guide

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.  "Display settings" (page 2-15)
	The display is turned off.	Push and hold <MENU> to turn on the display.
The volume of the voice guidance is too high or too low.	The volume is not set correctly, or the voice guidance setting is turned off.	Adjust the volume of the voice guidance or turn on the voice guidance setting.  "Volume and Beeps settings" (page 2-15)
No voice guidance is available.	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.	Touch [Map] on the Launch Bar or 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 displays.	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 2D 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 location of the vehicle icon is misaligned from the actual position.	The vehicle was transported after the ignition switch was placed in the "OFF" position, 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 6-57)
	Driving with tire chains or tires that have been replaced may result in an incorrect vehicle location display due to miscalculation by the speed sensor.	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.
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.  "How to order map data updates" (page 6-64)
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  when turning on the headlights.  "Display settings" (page 2-15)
The map does not scroll even when the vehicle is moving.	The current location map screen is not displayed.	Touch [Map] on the Launch Bar or push <MAP> .

8. Troubleshooting guide

Symptom	Possible cause	Possible solution
The vehicle icon is not displayed.	The current location map screen is not displayed.	Touch [Map] on the Launch Bar or push <MAP> .

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 turned 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.	Select [Do Not Use Restriction Info] in the [Time Restricted Rd] setting.  "Route Settings" (page 6-41)

8. Troubleshooting guide

Symptom	Possible cause	Possible solution
A part of the route is not displayed.	The suggested route includes narrow streets (roads displayed in gray).	This is not a malfunction.
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.  "How to order map data updates" (page 6-64)
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.

8. Troubleshooting guide

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 turned off.	Turn on voice guidance.
	Route guidance is turned 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 turned on.	Turn on the traffic information.
	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.  "Notes on SiriusXM Traffic information" (page 5-7)
	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 6-44)
With the automatic detour route turned 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 the traffic information.	The automatic detour search is not intended for avoiding traffic jams. It searches for the fastest route taking conditions such as traffic jams into consideration. Follow the current route.  "Notes on SiriusXM Traffic information" (page 5-7)
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.

8. Troubleshooting guide

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 heater/air conditioner is too fast.	Decrease the fan speed of the heater/air conditioner.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed.
	The voice command is spoken in a low voice.	Speak the command in a louder voice.
	The timing of speaking a command is too early.	Speak the command after confirming the following: a voice guidance is announced, a tone sounds, and an icon on the screen changes from gray to orange.
	The command is spoken too slowly.	Speak in a natural voice without pausing between words.
The system prompts to repeat a command.	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 gray to orange.
	An improper command is spoken.	Speak the command or a number that is displayed on the screen.
		Speak a command that is shown in the command list.
The system does not correctly recognize a number spoken.	Too 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.

8. Troubleshooting guide

Symptom	Possible cause	Possible solution
USB memory device cannot be operated with voice commands.	Depending on the device, iPhone® or iPod® may be recognized as a USB memory device.	This is not malfunction
	More than one audio device is connected to USB port.	Only one audio device can be operated with the voice recognition system even when multiple numbers of devices are connected. Select an audio source to operate with the voice recognition system.  "Voice recognition settings" (page 7-17)
The USB/iPod® operation screen is grayed out.	The audio device is not connected.	Connect an audio device to the system.
	An audio source to be operated with the voice recognition system has not been selected.	Select an audio source to be operated with the voice recognition system.  "Voice recognition settings" (page 7-17)
An error message is displayed when trying to select a track and operate USB/iPod®.	The track information is being processed for registration by the system.	Song information will be loaded into the system when a new audio device is registered for the first time or when the song information in the pre-registered device has been changed. Please wait for the loading to complete which may take a few minutes to up to an hour.
	Exceeding number of songs are stored in the connected audio device than it can hold.	Decrease the number of songs stored in the audio device.
	No song is stored in the audio device.	Store songs in the connected audio device. Storing songs with information such as artist name, album name, song name, playlist, etc., will make voice recognition song search available.
The system does not correctly recognize a Point of Interest (POI) name spoken.	There are some rare cases where a POI search is unavailable by speaking the facility name but the location can be found on the map.	This is not a malfunction. Consider using an alternate search method, like street address.
The system does not correctly recognize a Point of Interest (POI) name spoken.	Partial or alias name is spoken.	For best results, speak the full name.

8. Troubleshooting guide

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