# 2023 NissanConnect®

## OWNER'S MANUAL

Zero Emission

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

## NISSAN CONSUMER AFFAIRS DEPARTMENT

For assistance or inquiries about the NISSAN Navigation System (if so equipped), 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

1-877-NOGASEV

1-877-664-2738

**For Canadian customers**

Nissan Canada Inc.

5290 Orbitor Drive

Mississauga, Ontario L4W 4Z5

1-800-387-0122

## NISSAN NAVIGATION SYSTEM HELPDESK CONTACT INFORMATION

For navigation system related support, contact the NISSAN NAVIGATION SYSTEM HELPDESK at:

- E-MAIL:
  nissanownerservices@nissan-usa.com
- WEBSITE:
  https://apps.nissan.navshop.com/en_us/
- PHONE:
  1-877-664-2738

## NISSANCONNECT® EV AND SERVICES CUSTOMER SERVICE

- WEBSITE for U.S. customers:
  www.NissanUSA.com/connect
- WEBSITE for Canadian customers:
  www.Nissan.ca/NissanConnect (English)
  www.Nissan.ca/NissanConnect/fr (French)
- E-MAIL:
  nissanownerservices@nissan-usa.com
- PHONE:
  1-877-664-2738

## FOREWORD

Thank you for purchasing a NISSAN vehicle.

This user's manual is for NissanConnect® in your NISSAN vehicle.

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

- EV-specific functions
- Audio
- Hands-Free Phone
- Apple CarPlay®
- Android Auto
- NissanConnect® EV and Services powered by SiriusXM®
- Navigation
- Voice recognition
- Information and settings viewable on NissanConnect®

Please read this manual carefully to ensure safe operation of NissanConnect® System.

- 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.
- The latest NissanConnect® Owner's Manual is available on the following websites.
  — For US: www.Nissanusa.com
  — For Canada: www.nissan.ca

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# 0 Introduction


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## HOW TO USE THIS MANUAL

### BASIC INFORMATION

This manual uses special words, symbols, icons and illustrations organized by function.

Please refer to the following items and familiarize yourself with them.

### FOR SAFE OPERATION

**WARNING**

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

**CAUTION**

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

**NOTE:**

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

### REFERENCE SYMBOLS

**INFO:**

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

Reference page:

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

**< >**:

This indicates a button on the control panel or the steering wheel.

[ ]:

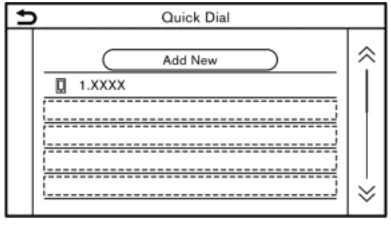
This indicates a key/item displayed on the screen.

Voice Command:

This indicates an operation by voice command.

### SCREEN ILLUSTRATIONS

- The illustrations in this manual are representatives of various models and may not be identical with the design and specifications of your vehicle.
- 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.




### TERMS DISPLAYED ON SCREEN

In this manual, some menu items may be spelled or termed differently from those displayed on your screen depending on models or software versions.

## 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 does not 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 rely on route guidance (if so equipped) alone. Always be sure that all driving maneuvers are legal and safe in order to avoid accidents.**
- **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 it is recommended you contact a NISSAN certified LEAF dealer. Ignoring such conditions may lead to accidents, fire or electrical shock.**

**CAUTION**

- **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.**

**INFO:**

- Do not keep the system running with the READY to drive indicator light OFF. Doing so may discharge the 12-volt battery. When you use this system, always make sure the READY to drive indicator light is ON.

Models with navigation system:

- Completing the NissanConnect® EV and Services registration is necessary to use the related functions. NissanConnect® EV and Services may not be available in some regions.
- To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smartphone or personal computer, the following conditions must be met:
  - The vehicle must be located in a smartphone coverage area.
  - The internet enabled smartphone must be located in a smartphone coverage area.
  - The computer must be connected to the internet.

  - A smartphone must be used to communicate with the vehicle.
  - A smartphone capable of text messaging must be used to receive text message regarding vehicle charge status.
- When the remote heater and air conditioner are set, the system operates the heater and air conditioner to adjust the in-cabin temperature to a set temperature.
  When the charge connector is disconnected from the vehicle, the heater and air conditioner operate using vehicle Li-ion battery electric power.
- If the remote heater and air conditioner function and Li-ion battery charging are performed at the same time, Li-ion battery charging will take longer than usual due to the power used to heat or cool the vehicle.
- Certain remote functions require a compatible smartphone, which is not included with vehicle.
- NissanConnect® EV and Services information system features are included through a subscription service which requires owner consent to activate. The subscription must be active to use these features.
- NissanConnect® EV and Services communications may be received at a verified e-mail address or by SMS/text messaging-enabled smartphone.
- Standard text rates and/or data usage may apply depending on your carrier.

## REGULATORY INFORMATION

### LASER PRODUCT

Complies with 21 CFR 1040.10 and 1040.11

Complies with 21 CFR Chapter 1, Subchapter J

**WARNING**

**Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.**

### BLUETOOTH® DEVICES

### FCC Regulatory information

**Robert Bosch GmbH:**

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

This device complies with part 15 of the FCC Rules and Industry Canada RSSs Rules. 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.

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'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC ID: YBN-AIVIB12P0

IC: 9595A-AIVIB12P0

**Clarion Co., Ltd. (for U.S.):**

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

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

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

**WARNING**

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

**CAUTION**

**The device must not be co-located or operating in conjunction with any other antenna or transmitter.**

**FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20 cm from nearby persons.**

## TRADEMARKS

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NISSAN is offering SiriusXM® services (SiriusXM® Audio, SiriusXM Traffic™, SiriusXM® Travel Link) for free during initial trial period.

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.

SiriusXM® Satellite Radio subscription (Audio Services) is sold separately or as a package, and is continuous until you call SiriusXM® to cancel. See SiriusXM® Customer Agreement for complete terms at siriusxm.com. For more information, call Listener Care at 1-877-447-0011 or visit siriusxm.com.

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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® 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.

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## LEGAL DISCLAIMER

Feature availability is dependent on vehicle model, trim level, packaging and options. Trial included with vehicle purchase. Compatible connected device may be required and feature availability may be dependent on device's capability. Refer to connected device's owner's manual for details. Late availability for some features.

Driving is serious business and requires your full attention. Only use features and connected devices when safe and legal to do so. Some features, including automatic crash notification and SOS, are dependent upon the telematics device being in operative condition, its ability to connect to a wireless network, compatible wireless network availability, navigation map data and GPS satellite signal receptions, the absence of which can limit or prevent the ability to reach Customer Care or receive support. GPS mapping may not be detailed in all areas or reflect current road status. Never program GPS while driving. Only use Remote EV System Start and Remote Horn features in accordance with any laws, rules or ordinances in effect in your vehicle's location.

Some services and features are provided by and dependent on third party service

providers and not Nissan. Should such service providers terminate or restrict service or features, service or features may be suspended or terminated without notice or with no liability to Nissan or its partners or agents. Services and features may require compatible cellular network provided by independent companies not within Nissan or its partners' or agents' control. Cellular network signal strength may vary and may not be available in all areas or at all times. Services and features may not function if cellular network is unavailable, restricted, or terminated. Nissan and its partners or agents are not responsible for associated costs or other third party changes that may be required for continued operation due to cellular network unavailability, restriction, or termination (including equipment replacements/upgrades, if available, or roaming charges on alternative networks). Technology is evolving, and changes by independent companies are not within Nissan's or its partners' or agents' control.

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For important safety information, system limitations, and additional operating and feature information, see dealer, owner's manual, or www.NissanUSA.com/connect/important-information.

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- This software is based in part on the work of the independent JPEG Group.
- This product includes software developed by the OpenSSL project for use in the OpenSSL Toolkit.
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To get the source code, refer to the following website.

https://www.clarion.com/us/en/opensource/nissan/index.html

### TELEMATIC CONTROL UNIT GEN2K (if so equipped)

A. INTRODUCTION

This product Telematic Control Unit Gen2K incorporates the following software:

(1) the software developed by, or developed for, Ficosa International, S.A. ("Ficosa"),

(2) the software owned by third party and licensed to Ficosa,

(3) the software licensed under the GNU GENERAL PUBLIC LICENSE, Version 2 ("GPL"),

(4) the software licensed under the GNU LIBRARY GENERAL PUBLIC LICENSE, Version 2.0 or the GNU LESSER GENERAL PUBLIC LICENSE, Version 2.1 (collectively "LGPL"), the Mozilla Public license v2 ("MPL"), the GPL-2.0 license with-OpenSSL-exception ("GPLOpenSSL") and GNU GENERAL PUBLIC LICENSE, Version 3 with GCC exception (together with the GPL software, jointly "Copyleft Software"), and/or

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MPL: https://www.mozilla.org/en-US/MPL/2.0/

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https://www.ficosa.com/software/opensource/

# IT System overview (models with navigation system)

System features ..... IT-2
Unique EV functions ..... IT-2
Telematics service ..... IT-3

## SYSTEM FEATURES

### UNIQUE EV FUNCTIONS

#### Basic information

In addition to the conventional navigation functions, NissanConnect® also offers specific support for driving an EV.

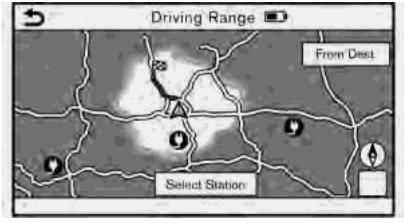
Menus specific to EV can be accessed from the EV Info menu screen.

☞ "EV Info menu screen" (page 2-2)

**CAUTION**

**Charging station information may not be detailed in all areas or reflect current charging station locations. For up-to-date information about charging stations, such as business hours or charging equipment, NISSAN recommends that you directly access the information on your own. Additionally, always check the remaining amount of Li-ion battery charge and set a reasonable driving schedule.**

#### Driving range display




Touch [Driving Range] in the EV Info menu.

☞ "EV Info menu screen" (page 2-2)

You can display the estimated one way range that the vehicle can be driven from the current location based on the amount of remaining Li-ion battery charge. When a route it set, an estimated driving range from the destination or the waypoint can also be displayed.

☞ "Displaying estimated driving range" (page 2-3)

Charging stations located within the driving area can also be displayed. You can set a charging station as a destination or waypoint.

☞ "Setting a charging station as destination" (page 2-5)

#### Charging station information

**NOTE:**

**Charging stations that have been searched for using this function are not necessarily equipped with devices that can be used to charge a LEAF. Be sure to confirm this in advance before setting a charging station as the destination.**

Icons for charging stations can be displayed on the map.

☞ "Displaying charging station icons on map" (page 2-5)

You can also search for charging stations, set a charging station as a destination or waypoint, and check detailed information about charging stations.

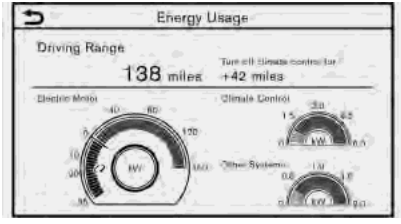
☞ "Finding charging station" (page 6-21)

**INFO:**

Charging station information on the map can be updated by updating the map data.

☞ "How to update map data" (page 6-64)

## Energy usage information display




Estimated driving range and energy usage of various systems are displayed. Also, variation of the estimated driving distances between the climate control ON and OFF is displayed.

☞ "Viewing energy usage information" (page 2-6)

## TELEMATICS SERVICE

### Basic information

The TCU (Telematics Control Unit) equipped in this vehicle enables the vehicle to use various services (NissanConnect® EV and Services) by connecting the vehicle to the NissanConnect® EV and Services Data Center.

**NOTE:**

- **Completing the NissanConnect® EV and Services registration at a NISSAN certified LEAF dealer at the time of vehicle purchase is necessary to use this service.**
- **To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smartphone or personal computer, the following conditions must be met:**
  - **The vehicle must be located in a smartphone coverage area.**
  - **The internet enabled smartphone must be located in a smartphone coverage area.**
  - **The computer must be connected to the internet.**
  - **A smartphone capable of text messaging must be used to receive text message regarding vehicle charge status.**
- **When the remote heater and air conditioner is set, the system operates the heater and air conditioner to adjust the in-cabin temperature to a set temperature.**
- **When the charge connector is disconnected from the vehicle, the heater and air conditioner operates using vehicle Li-ion battery electric power.**
- **If the remote heater and air conditioner function and Li-ion battery charging are performed at the same time, Li-ion battery charging will take longer than usual due to the power used to heat or cool the vehicle.**
- **Certain remote functions require a compatible smartphone, which is not included with vehicle.**
- **NissanConnect® EV and Services information system features are included through a subscription service which requires owner consent to activate. The subscription must be active to use these features.**

- **NissanConnect® EV and Services communications may be received at a verified e-mail address or by SMS/ text messaging-enabled smartphone.**
- **Standard text rates and/or data usage may apply depending on your carrier.**

## Available services

- **Remote Battery Status Check:**
  The status of the Li-ion battery can be checked using your personal computer or smartphone even if you are not in the vehicle.
- **Unplugged Status, Charge Complete Notification:**
  By registering frequently used charging stations, notifications can be sent to your personal computer or smartphone e-mail address to inform you when the charging connector is disconnected at those locations or charging is completed.
- **Remote Start Charge, Remote Climate Control:**
  Remote activation of Li-ion battery charging or climate control can be set using your personal computer or smartphone.
- **My Car Finder:**
  Location of your vehicle can be checked on your personal computer or smartphone.
- **Driving History:**
  Driving history can be checked on your personal computer or smartphone.
- **Check Cabin Temperature:**
  The temperature inside your vehicle can be checked on your personal computer or smartphone.
- **Set Cabin Temperature:**
  The temperature setting of the remote climate control can be changed on your personal computer or smartphone.
- **Emergency Calling:**
  The Emergency Calling feature provides emergency assistance by connecting to a Response Specialist. In the event of an emergency, push the in-vehicle Emergency Call (SOS) button to use this feature. The Response Specialist provides various assistance depending on the situation.
  For details of the Emergency Call (SOS) button operation, refer to the LEAF Owner's Manual.
- **Automatic Collision Notification (ACN):**
  The TCU (Telematics Control Unit) generates a signal automatically to the NissanConnect® EV and Services Response Center in the case of an accident severe enough to trigger one of the vehicle's air bags. Upon the signal, a Response Specialist receives the vehicle location and customer information and notifies the proper authorities in accordance with established policies and procedures.
- **Curfew Alert:**
  Customers can set time interval for acceptable and unacceptable operation of the vehicle via NissanConnect® Website and NissanConnect® EV & Services app. If the time restrictions are violated, the customer will be automatically notified.
- **Remote Door Lock/Unlock:**
  The Remote Door Lock/Unlock feature allows the customer to access the vehicle remotely from the NissanConnect® Website or NissanConnect® EV & Services app to send lock or unlock commands to the vehicle.
- **Remote Horn & Lights:**
  Customers can activate the vehicle's

headlights and horn via the NissanConnect® Website or NissanConnect® EV & Services app.

- **Alarm Notification:**
  Customers will be notified if the vehicle alarm system is activated based on their notification preferences.
- **Boundary Alert:**
  Customers can set an area for the vehicle to stay in or out of via the NissanConnect® Website or NissanConnect® EV & Services app. Customers will be notified when vehicle is out-of-bounds based on their notification preferences.
- **Maintenance Alert/Reminder:**
  The center sends maintenance and other relevant info. to registered e-mail address (PC/Mobile) based on the vehicle information (e.g. driving mileage and etc.) sent at the center access timing. Details of vehicle information are separately examined.
- **Stolen Vehicle Locator:**
  In the event that the customer's vehicle is stolen, after filing a police report the customer can contact NissanConnect® EV and Services Response Center via phone and report the vehicle stolen. At that point, NissanConnect® EV and Services emergency support staff will work with authorities to attempt to recover the vehicle.
- **Valet Alert:**
  Customers will be notified if their vehicle is driven more than 0.2 miles (0.4 km) once they activate Valet Alert via the NissanConnect® Website or NissanConnect® EV & Services app.
- **Roadside Assistance Service:**
  Enhanced Roadside Assistance allows you to receive assistance from the Roadside Response Specialist for a non-emergency incident that requires a towing or third-party response service. The service can be accessed by touching [Call Nissan Assistance] or [🎧] on the map screen.
  ☞ "Connecting to Interactive Voice Menu" (page 5-13)
  Roadside Assistance may also be used in conjunction with the Emergency Assistance service, if warranted.
  For details of the Emergency Call (SOS) button which is used for the Emergency Assistance service, refer to the LEAF Owner's Manual.
- **Speed Alert:**
  Speed Alert allows you to monitor the speed of your vehicle by receiving alerts. You can set the maximum speed via the NissanConnect® Website, and if your vehicle exceeds the specified speed threshold, you will receive a notification via the chosen method. You can also query the NissanConnect® Website to view a listing of Speed Alert notifications.

**NOTE:**

- **Completing the NissanConnect® EV and Services registration is necessary before using this service.**
- **To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smartphone or personal computer, the following conditions must be met:**
  - **The vehicle must be located in a smartphone coverage area.**
  - **The internet enabled smartphone must be located in a smartphone coverage area.**
  - **The computer must be connected to the internet.**
  - **A smartphone capable of text messaging must be used to receive text message regarding vehicle charge status.**

- **When the charge connector is disconnected from the vehicle, the heater and air conditioner operates using vehicle Li-ion battery electric power.**
- **If the remote heater and air conditioner function and Li-ion battery charging are performed at the same time, Li-ion battery charging will take longer than usual due to the power used to heat or cool the vehicle.**
- **Certain remote functions require a compatible smartphone, which is not included with vehicle.**
- **NissanConnect® EV and Services features are included through a subscription service which requires owner consent to activate. The subscription must be active to use these features.**
- **NissanConnect® EV and Services communications may be received at a verified e-mail address or by SMS/text messaging-enabled smartphone.**
- **Standard text rates and/or data usage may apply depending on your carrier.**

# 1 Getting started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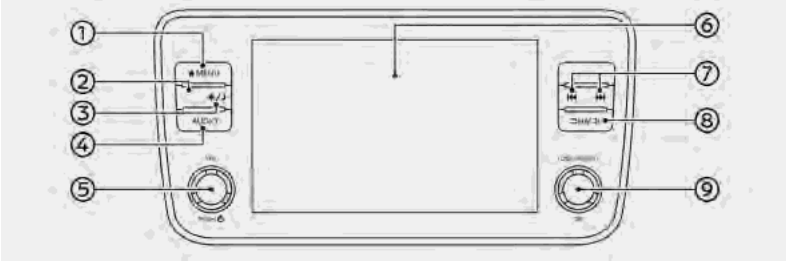
## CONTROL BUTTONS AND TOUCH SCREEN DISPLAY

### CONTROL PANEL




① **<MENU>**:

Push to display the HOME MENU screen.

☞ "How to view and operate HOME MENU screen" (page 1-10)

② **<MAP>** (models with navigation system):

Push to display the current location map.

☞ "Map operation" (page 6-5)

**< ✆ >** (models without navigation system):

Push to display the phone screen.

☞ "4. Hands-Free Phone"

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.

④ **<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 3-10)

⑤ **<VOL/ ⏻ >**:

Push to turn the audio system on/off. Turn to adjust the volume.

⑥ 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 1-8)

⑦ **< ⏮ >/< ⏭ >**:

Use the buttons for audio operations.

☞ "Audio operations" (page 3-10)

⑧ **<BACK>**:

Pushing the button will display the previous screen.

Push and hold to quit the voice recognition session.

☞ "7. Voice recognition"

⑨ **<TUNE·SCROLL/OK>**:

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

Push to confirm the selected item or setting.

The dial can also be used for audio operations.

☞ "Audio operations" (page 3-10)

## LIQUID CRYSTAL DISPLAY

### Basic information

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

**WARNING**

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

### Characteristics of liquid crystal display

- If the temperature inside the vehicle is especially low, the display will stay relatively dim or the movement of the images may be slow. These conditions are normal. The display will function normally when the interior of the vehicle has warmed up.
- Some pixels in the display are darker or brighter than others. This condition is an inherent characteristic of liquid crystal 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.
- Depending on the condition, brightness may be adjusted automatically to prevent the display from screen burning.

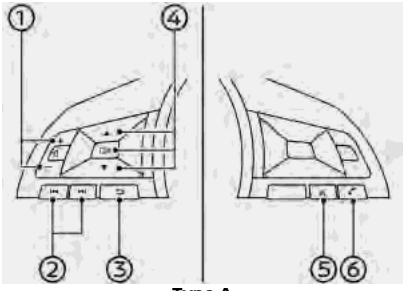
### Maintenance of display

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

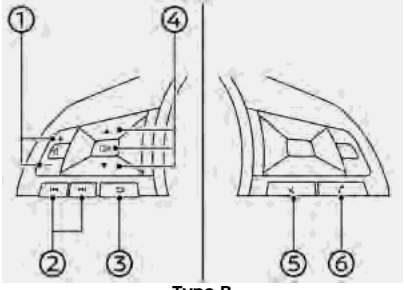
**CAUTION**

- **Clean the display with the power switch in the OFF position. If the display is cleaned while the power switch is placed in the ON position or when the READY to drive indicator light is on, 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




Type A




Type B

① **< 🔊 >**:

Push the + or - side of the switch to adjust the volume.

② **< ⏮ >/< ⏭ >**:

Use the switches for audio operations.
☞ "Audio operations" (page 3-10)

③ **< ↩ >** (Back):

Push to go back to the previous screen while operating the Voice Recognition System. Push and hold to end a voice recognition session.
☞ "7. Voice recognition"

④ **< ▲ >/< ▼ >/<OK>**:

Push **< ▲ >/< ▼ >** to select the voice command while operating the Voice Recognition System.

Push **<OK>** to confirm the selected item.
☞ "7. Voice recognition"

⑤ **< 🎤 >** (TALK):

Push to use the Voice Recognition System. Push and hold to end the voice recognition session.
☞ "Giving voice commands" (page 7-2)

When Apple CarPlay® or Android Auto is active, pushing and holding this switch will start a Siri® or Google Assistant session.
☞ "Siri® operation" (page 5-24)
☞ "Google Assistant™ operation" (page 5-27)

If your iPhone® is connected to the in-vehicle system via Bluetooth®, Siri® Eyes Free can be activated by pushing and holding this switch without having to activate Apple CarPlay®.
☞ "Siri® Eyes Free" (page 5-28)

⑥ **< 📞 >**:

Push to answer a received call or to end an active call.
☞ "4. Hands-Free Phone"

When no phone is received or when there is no active call, pushing this switch will display the phone screen.
☞ "Phone screen" (page 4-3)

Pushing and holding this switch will start a voice recognition session for making a phone call.

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

## USB (Universal Serial Bus) CONNECTION PORTS

**WARNING**

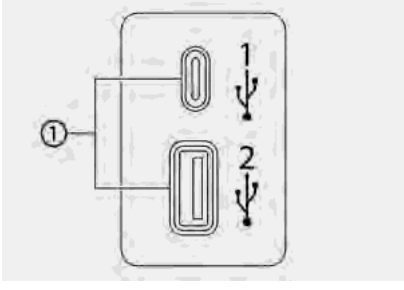
**Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.**

**CAUTION**

- **Do not force the USB device into the USB connection port. Depending on the USB connection port, inserting the USB device tilted or upside down may damage the port. Make sure that the USB device is connected correctly into the USB connection port.**
- **Do not grab the USB connection 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.**

This vehicle is equipped with USB connection ports. When connected, the in-vehicle audio system can play audio contents from the compatible device.

The USB connection ports are located on the lower part of the instrument panel.




① USB connection ports

Connect a compatible device to play media such as an iPod® or a USB memory device.

Connect an iPhone® or an Android phone to use Apple CarPlay® or Android Auto.

**INFO:**

- Refer to your USB device manufacturer's owner information regarding the proper use and care of the device.
- Cables made by Apple Inc. should be used to connect electronic devices marketed by Apple Inc.

## STARTING SYSTEM

### BASIC INFORMATION

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

### START-UP SCREEN (models with navigation system )

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

After an animated start-up screen is displayed, a message screen will be displayed. Touch [OK] after reading and agreeing to the message displayed on the screen. If you do not agree to the message, some of the functions on the system will be disabled.

**INFO:**

- The data transmission settings can be changed from [Vehicle Data Transmission Setting] in NissanConnect® EV and Services setting.
  ☞ "NissanConnect® EV and Services settings" (page 5-16)
- If you do not select [OK], vehicle data will not be stored in the NissanConnect® EV and Services Data Center and you will not be able to check it via the NissanConnect® Website.

  Also, if [Share Vehicle Information] is set to OFF, vehicle data will not be uploaded. Make sure that this setting is ON.
  ☞ "NissanConnect® EV and Services settings" (page 5-16)

**NOTE:**

- **Some of the functions cannot be operated if [OK] is not touched. In that case, the message screen will be displayed again when NissanConnect® EV and Services related menus are selected.**
- **If other buttons such as <MAP> or <MENU> etc., are pushed without touching [OK] or [Decline] being touched, the corresponding screen will be displayed and operations can be performed. However, if the NissanConnect® EV and Services function is selected, the start-up screen will be displayed again.**
- **Do not keep the system running with the EV (Electric Vehicle) system stopped. Doing so may discharge the vehicle battery (12V battery). When you use the system, always keep the EV system running.**

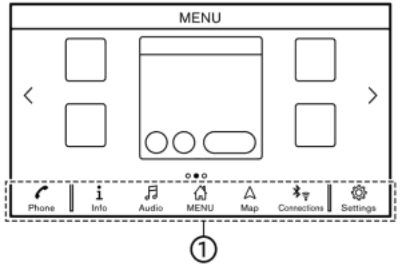
## BASIC OPERATION

### BASIC INFORMATION

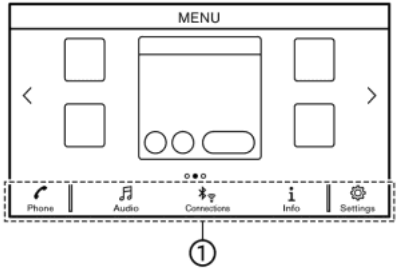
The system can be operated with the touch panel as well as switches on the control panel and the steering wheel.

This manual mainly describes the touch panel operation.

### SELECTING MENU FROM LAUNCH BAR




**Models with navigation system**




**Models without navigation system**

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 item on the Launch Bar to display the corresponding screens.

The items on the Launch Bar differ according to which button on the control panel is pushed.

The following menus are available on the Launch Bar.

**When pushing <MENU>:**

Shortcuts for various functions are displayed.

Displayed items may vary depending on models, specifications and software versions.

- [Phone]*
  ☞ "Phone" (page 4-5)
- [Info]
  ☞ "Information menu" (page 5-2)
- [Audio]
  ☞ "Audio operations" (page 3-10)
- [MENU]
  Touching [MENU] on the Launch Bar will display the center page of the HOME MENU screen.
- [Map]
  ☞ "Displaying navigation screen" (page 6-3)
- [Connections]
  ☞ "Connections settings" (page 1-17)
- [Settings]
  ☞ "System settings" (page 1-14)

*: [Phone] will be replaced by [CarPlay] when Apple CarPlay® is active, and it will be replaced by [▲] when Android Auto is active.

**When pushing <AUDIO>:**

Shortcuts mainly for the audio functions are displayed.

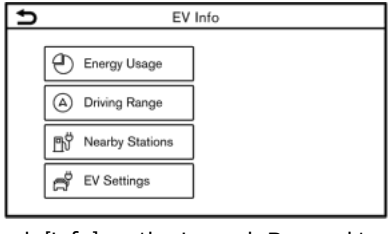
☞ "Selecting audio source" (page 3-10)

**When pushing <MAP> (if so equipped):**

Shortcuts mainly for the navigation functions are displayed.

☞ "Launch Bar" (page 6-3)

## DISPLAYING EV INFO MENU SCREEN (models with navigation system)




Touch [Info] on the Launch Bar and touch [EV Info] to display the menu screen where several useful functions for EV (Electric Vehicle) system can be set. Select a preferred menu and touch an item to be set.

☞ "EV Info menu screen" (page 2-2)

## TOUCH PANEL OPERATION

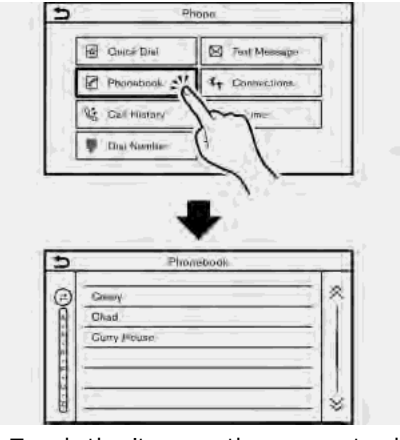
The system can be controlled mainly by the touch panel operation.

The following operations are examples of the touch panel operation.

The map operations are also available with touch panel operation.

“Map operation” (page 6-5)

- **Touch**

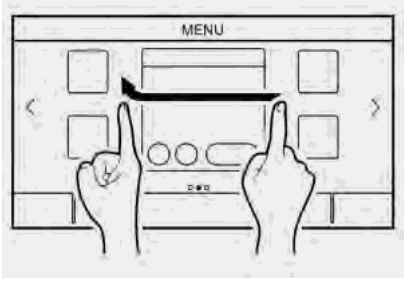



Touch the item on the screen to display the corresponding screen.

**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**



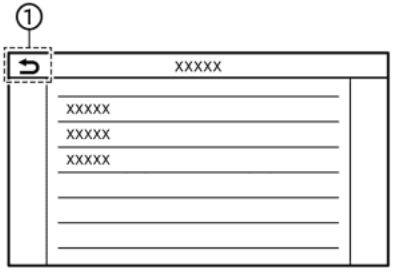

Menu screen pages will skip to the next page when swiped/flicked horizontally.

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

## MAIN SCREEN OPERATIONS

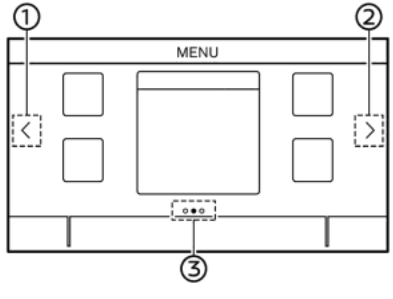
The following operations are generally available on the various screen.

- **Displaying previous screen**




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

- **Horizontal scrolling**

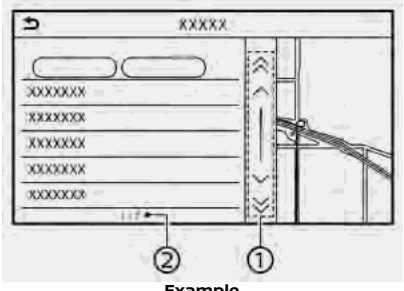


① Touch [<] to scroll to the previous page.

② Touch [>] to scroll to the next page.

③ Indicates the position of the currently displayed page.

- **Vertical scrolling**




**Example**

① Touch [ ⩔ ] or [ ⩒ ] to skip to the previous or next page.

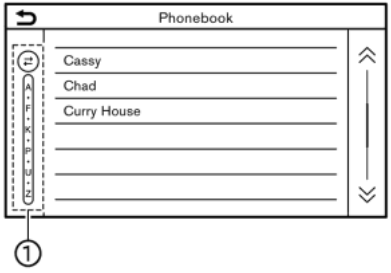
Touch [ ∧ ] or [ ∨ ] (if so equipped) to scroll the message or list one item at a time.

② Indicates the total number of items in the list and the entry number of the selected item.

**INFO:**

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

- **Scrolling list by selecting alphabet**



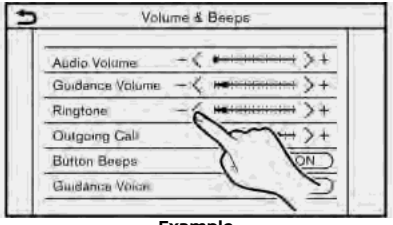

① Touch a preferred location within the alphabetical list.

The detailed alphabetical list will be shown. Touch to scroll the list items to the section that begins with the letter selected.

**INFO:**

When [A-Z] is displayed on the list screen, touching [A-Z] and turning **<TUNE·SCROLL/OK>** can also select an alphabet to scroll.

## ADJUSTING SETTINGS




**Example**

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

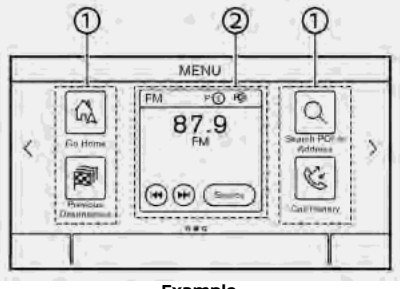
For items with [ON] indicator, touch the menu item to turn on/off the setting. The indicator light will turn on when the setting is turned on.

## HOW TO VIEW AND OPERATE HOME MENU SCREEN

### Basic information

Push **<MENU>** to display the HOME MENU screen.

The HOME MENU consists of 3 pages which can display preferred shortcuts and widgets.




**Example**

① Shortcut icons:

Icons for frequently used menu items can be placed on the HOME MENU screens as shortcuts.

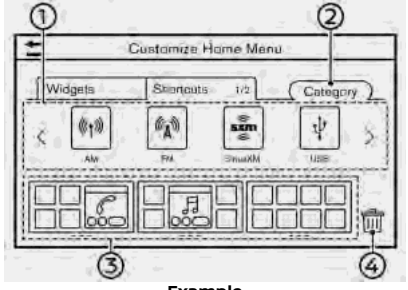
② Widget:

Useful information from primary menu functions can be displayed as widgets. Depending on the contents of the widget, keys may be available for operation of the function.

### Customizing HOME MENU screen

The HOME MENU screen can be personalized by selecting which shortcuts and widgets are to be displayed and where to place them on the screen.

**Selecting shortcut or widget:**




**Example**

1. Touch [Settings] on the Launch Bar.
2. Touch [Customize Home Menu].
3. Touch [Shortcuts] or [Widgets].
4. Drag the shortcut or widget icon ① to each page layout ③.

   If a different shortcut or a widget is already located on the page layout ③, a message will be displayed. Touch [Yes] to replace the shortcut/widget. The page layout ③ can be changed by dragging the icons.

   The categories of shortcuts can be changed by touching [Category] ②.

   Dragging an icon into the [🗑] ④ can delete the current shortcut or widget to create a blank spot.

**INFO:**

Touch [🗑] ④, and then a message will appear. While the message is displayed, touching any icon on the page layout ③ and [Delete] can delete the selected icon. To delete all icons, touch [Select All] and then [Delete].

**Available shortcut/widget categories:**

**Available shortcut categories:**

Available setting items may vary depending on models, specifications and software versions.

[Audio]

[Route]

[Phone]

[Settings]

[Info]

[Voice Recognition]

[Destination]

**Available widgets:**

Available setting items may vary depending on models, specifications and software versions.

[Phone]

[Audio]

[Map]

[Turn by Turn]

[Current Conditions]

[5-Day Weather Forecast]

[Hourly Weather Forecast]

[SXM Sports Scores]

[Clock]

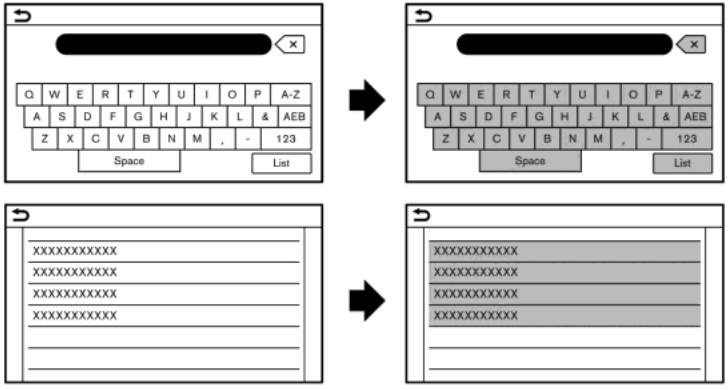
[Climate]

**INFO:**

- The HOME MENU screen can display up to 8 shortcuts on a page.
- Some widgets, such as [Audio], [Clock], etc., can be selected from 2 shortcut spot sizes and 4 shortcut spot sizes. All other widgets require 4 shortcut spot sizes to be displayed.
- Access to the SiriusXM® services (SiriusXM® Audio, SiriusXM Traffic™ (if so equipped), and SiriusXM® Travel Link (if so equipped)) requires a SiriusXM® subscription.

☞ "SiriusXM® Travel Link" (page 5-20)
☞ "Radio" (page 3-12)
☞ "SiriusXM Traffic™" (page 6-44)

## FUNCTIONS DISABLED WHILE DRIVING




**Example**

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

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

Restricted functions while driving include:

- Character (letter and number) input screen
- Scrolling and viewing of certain list screens
- Displaying detailed information and selecting items on some information screens
- Adding/editing home location, Address Book entries and current route (models with navigation system)
- Connecting Bluetooth® devices for the first time
- Placing a call by dialing a number or selecting a phonebook entry
- Adjusting settings for phone, NissanConnect® EV and Services (if so equipped), Bluetooth® functions, and other various functions

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

**Models with navigation system:**

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

## SYSTEM SETTINGS

### SETTINGS MENU

The system settings can be changed for personal convenience.

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

Available setting items may vary depending on models, specifications and software versions.

**Available setting items**

| Setting item | Result |
|---|---|
| [Connections] | Displays the Bluetooth®, Wi-Fi (if so equipped), USB and apps (if so equipped) setting screen. ☞ "Connections settings" (page 1-17) |
| [Phone] | Displays the phone and text message settings screen. ☞ "Phone and text message settings" (page 4-11) |
| [Navigation] | Displays the navigation settings screen. ☞ "Navigation settings" (page 6-55) |
| [Sound] | Displays the audio settings screen. ☞ "Audio settings" (page 3-29) |
| [Volume & Beeps] | Displays the volume adjustment screen. ☞ "Volume and Beeps settings" (page 1-21) |
| [Clock] | Displays the clock adjustment screen. ☞ "Clock settings" (page 1-21) |
| [Customize Home Menu] | Displays the HOME MENU editing screen. ☞ "Customizing HOME MENU screen" (page 1-10) |

| Setting item | | Result |
|---|---|---|
| [Customize Audio Sources] | | Displays the editing screen for audio source menus on the Launch Bar.<br>☞ "Selecting from Launch Bar" (page 3-11) |
| [NissanConnect EV & Services] | | Displays the NissanConnect® EV and Services settings screen.<br>☞ "NissanConnect® EV and Services settings" (page 5-16) |
| [System Voice] | | Displays the system voice settings screen.<br>☞ "System Voice settings" (page 7-7) |
| [Camera] | | Displays the camera settings screen.<br>See the LEAF Owner's Manual for details of the monitor system. |
| [Others] | [Display] | Displays the display settings screen.<br>☞ "Display settings" (page 1-24) |
| | [Language] | Displays the language settings screen.<br>☞ "Language setting" (page 1-24) |
| | [Units] | Displays the units settings screen.<br>☞ "Units settings" (page 1-24) |
| | [Keyboard Type] | Displays the keyboard type settings screen.<br>☞ "Keyboard type settings" (page 1-24) |
| | [Return All Settings to Default] | This resets all settings to default.<br>☞ "Return all settings to default" (page 1-25) |
| [System Update] | [Software Version] | Displays the information of the Software Version, etc. |
| | [Software Update] | The system software can be updated.<br>☞ "Updating system software" (page 5-5) |
| | [Map Update] | The map data can be updated.<br>☞ "How to update map data" (page 6-64) |

| Setting item | | Result |
|---|---|---|
| [Apps] | [Apple CarPlay] | Displays the Apple CarPlay® settings screen.<br>☞ "Apple CarPlay® settings" (page 5-24) |
| | [Android Auto] | Displays the Android Auto settings screen.<br>☞ "Android Auto settings" (page 5-27) |
| | Device list | Displays recently connected Apple CarPlay® or Android Auto devices.<br>☞ "Apple CarPlay® settings" (page 5-24)<br>☞ "Android Auto settings" (page 5-27) |

## CONNECTIONS SETTINGS

### Basic information

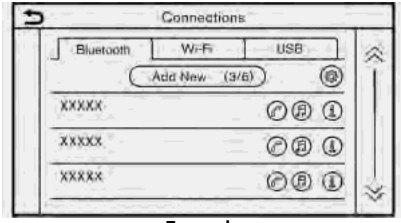
Changing the settings and viewing information of Bluetooth®, Wi-Fi (if so equipped), USB and apps (if so equipped) are available on the Connections settings screen.

### Setting Bluetooth®

Your vehicle is equipped with the Bluetooth® Hands-Free Phone System and Bluetooth® audio device support. 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 device 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.

☞ "Bluetooth® audio" (page 3-25)
☞ "Bluetooth® Hands-Free Phone System" (page 4-2)

**Connecting cellular phone/audio device:**




**Example**

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 [Connections].
3. Touch [Bluetooth] and touch [Add New]. A message is displayed.
4. 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:**

- The paired phone will be added to the list on the Bluetooth® connection screen.
- Touching name of the other device on the list will switch the connected device.
- Touching [✆] will allow the device to be connected via Bluetooth® and be used on the Hands-Free Phone System.
- Depending on the models, specifications and software versions, you can register a favorite hands-free phone. The [✆] by the phone device name selected as a favorite will be marked with "★".
  ☞ "Bluetooth® settings" (page 1-18)
- Touching [♫] will allow the device to be connected via Bluetooth® and be used for Bluetooth® audio.
- Depending on the models, specifications and software versions, you can register a favorite Bluetooth® audio device. The [♫] by the device name selected as a favorite will be marked with "★".

☞ "Bluetooth® settings" (page 1-18)

- Depending on the models, specifications and software versions, touching [] (if so equipped) will enable Bluetooth® tethering.
- Touching [] will display the information of the Bluetooth® device.
- Up to 6 Bluetooth® devices can be registered. If 6 devices are already registered, one of the devices must first be deleted before another device can be registered.
- 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 your preference.

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

Available setting items may vary depending on models, specifications and software versions.

**Available setting items**

| Setting item | Action |
|---|---|
| [Bluetooth] | Turns the Bluetooth® connection on/off. |
| [Allow 2 Phones Simultaneously] | When turned on, up to 2 Bluetooth® devices can be connected as hands-free phones to the in-vehicle system simultaneously. |
| [Favorite Phone] | A Bluetooth® device can be registered as a favorite hands-free phone. If the hands-free phone device is within the range with Bluetooth® turned on, the device registered as favorite will automatically be connected to the in-vehicle system with priority upon the system activation. |

| | |
|---|---|
| [Favorite Audio] | A Bluetooth® device can be registered as a favorite audio device.<br>If the Bluetooth® audio device is within the range with Bluetooth® turned on, the device registered as favorite will automatically be connected to the in-vehicle system with priority upon the system activation. |
| [Device Name] | The device name can be changed. |
| [PIN] | The PIN code can be changed. |

**INFO:**

With [Device Name], 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).

**Deleting cellular phone/audio device:**

Paired phones/audio devices can be deleted from the list.

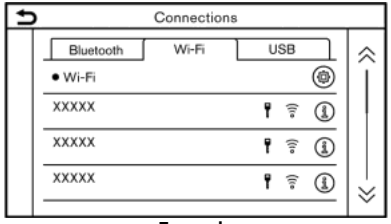
1. Touch [Settings] on the Launch Bar.
2. Touch [Connections].
3. Touch [Bluetooth].
4. Touch [ⓘ] by the device name you wish to delete.
5. Touch [Delete]. Touch [Yes] when a message appears.

## Wi-Fi Setting (if so equipped)

A Wi-Fi connection can be made by using an available Wi-Fi network near the vehicle or tethering function of smartphone, etc. Wi-Fi connectivity is useful for updating map data and system software, or using online services, such as Online Search or Premium Traffic.

☞ "Updating system software" (page 5-5)
☞ "How to update map data" (page 6-64)
☞ "Online Search" (page 6-18)
☞ "Premium Traffic information" (page 6-45)

**Connecting to a Wi-Fi network:**




**Example**

To use the Wi-Fi connection for the first time, the following connecting procedures are required.

1. Touch [Settings] on the Launch Bar.
2. Touch [Connections].
3. Touch [Wi-Fi].
4. Touch the name of the device you wish to connect.

   : Indicates that a password is set.

   : Indicates the strength of the signal the Wi-Fi device is receiving.
5. Enter the network password and touch [OK]. The device will be connected.

   If a listed device is in a status capable of making Wi-Fi connection, touching the device name on the list will start the connection.

**INFO:**

- Enter the password correctly, including capitalization.
- Touching the [ⓘ] will display the network information. Turning [Auto Connect] on will automatically connect the vehicle to the network if the network is available.
- The Wi-Fi hotspot communication is not available on this system.
- Enabling the Wi-Fi hotspot functionality of your smartphone may incur additional charges from your cellular provider. Consult your cellular provider contract regarding the communication fee.
- System can connect to only WPA2 security network (not connect WEP, WPA1 network).
- Wi-Fi networks that require a web browser cannot be accessed through this units.

**Wi-Fi settings:**

The Wi-Fi settings can be changed according to your preference.

1. Touch [Settings] on the Launch Bar.
2. Touch [Connections].
3. Touch [Wi-Fi].
4. Touch [⚙].
5. Touch a preferred item.

Available setting items may vary depending on models, specifications and software versions.

**Available setting items**

| Setting item | Action |
|---|---|
| [Wi-Fi] | Turns the Wi-Fi connection on/off. |
| [Security] | The used cipher system is displayed. |

**Deleting Wi-Fi network:**

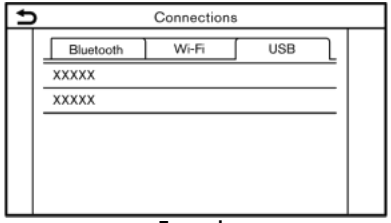
The stored Wi-Fi network can be deleted from the list.

1. Touch [Settings] on the Launch Bar.
2. Touch [Connections].
3. Touch [Wi-Fi].
4. Touch [ⓘ] by the name of the network you wish to delete.
5. Touch [Delete]. Touch [Yes] when a message appears.

## Displaying USB device information

The information of the connected USB device can be viewed.

☞ "USB memory device player" (page 3-18)

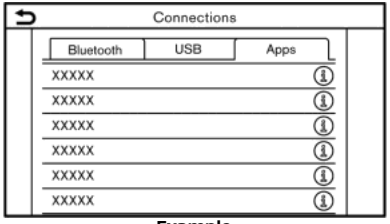



**Example**

1. Touch [Settings] on the Launch Bar.
2. Touch [Connections].
3. Touch [USB].
4. Touch the name of the device you wish to check. The name and the type of the device are displayed.

## Apps settings (if so equipped)

A list of devices that have been connected recently for Apple CarPlay® or Android Auto is displayed, and settings for each device can be changed.




**Example**

The apps settings can be changed according to your preference.

1. Touch [Settings] on the Launch Bar.
2. Touch [Connections].
3. Touch [Apps].
4. Touch [ⓘ] by the name of the device you wish to change the setting.
5. Touch a preferred item.

**INFO:**

Displayed items may vary depending on the apps.

☞ "Apple CarPlay® settings" (page 5-24)
☞ "Android Auto settings" (page 5-27)

## VOLUME AND BEEPS SETTINGS

The volume of various functions including audio, phone, navigation voice guidance (if so equipped), and system beeps can be adjusted.

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

Available setting items may vary depending on models, specifications and software versions.

**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. |
| [Ringtone] | Adjusts the volume level of the ringtone of incoming calls. |
| [Outgoing Call] | Adjusts the volume level of the outgoing calls. |
| [Button Beeps] | Turns on/off the button beep sound and alarm for prohibited operations. |
| [Guidance Voice] | Turns on/off the voice guidance. |

## CLOCK SETTINGS

Clock settings of the system can be changed.

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

Available setting items may vary depending on models, specifications and software versions.

**Available setting items**

| Setting item 1 | Setting item 2 | Action |
|---|---|---|
| [On-Screen Clock] | | Sets the clock display on/off. When this item is on, the clock display appears. |
| [Clock Mode] | [Auto] | Adjusts clock time automatically using GPS. |
| | [Time Zone] | Adjusts clock time reflecting selected time zone. |
| | [Manual] | Reflects [Set Clock Manually] settings. |
| [Clock Format] | [12H] | The clock can be set to 12 hours or 24 hours. |
| | [24H] | |
| [Date Format] | | The display format of the day, month and year display can be selected. |
| [Offset (hour)] | | Adjusts the offset value (hour/minutes). [Clock Mode] must be set to [Auto] or [Time Zone] for this option to be available. |
| [Offset (min.)] | | |
| [Daylight Savings Time] | | Turns on/off the daylight saving time setting. This option only appears to be available when [Clock Mode] is set to [Time Zone]. |
| [Time Zone] | | Select an appropriate time zone from the list. [Clock Mode] must be set to [Time Zone] for this option to be available. |
| [Set Clock Manually] | | Adjusts the clock manually. Touch [+] or [-] to adjust the hours, minutes, day, month and year up or down. When [Clock Format] is set to [12H], [AM]/[PM] can be selected.<br>Models with navigation system:<br>[Clock Mode] must be set to [Manual] for this option to be available. |

**INFO:**

- When the [On-Screen Clock] setting is turned on, the clock settings screen can also be displayed by touching the clock at the upper right corner of the screen.
- The clock setting of the vehicle information display will also change when the setting of the clock displayed on the touch screen display is changed.

## DISPLAY SETTINGS

Display settings can be adjusted.

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

**Available setting items**

| Setting item | Action |
|---|---|
| [Display] | Turns the screen off. Pushing and holding <☀/♪> will also turn off the screen. Push <☀/♪> to turn the screen back on. |
| [Brightness] | Adjusts the brightness of the display. |
| [Contrast] | Adjusts the contrast of the display. |
| [Black Level] | Adjusts the black level of the display. |

## LANGUAGE SETTING

This changes the language used in the system.

1. Touch [Settings] on the Launch Bar.
2. Touch [Others].
3. Touch [Language].

   Selects the preferred system language.

The language setting is applied to the touch screen display, voice announcements, the Voice Recognition System.

**INFO:**

- Models with navigation system:
  If the language is not set to the standard language of the current vehicle position, the route guidance, the Voice Recognition System, etc. for map operation may not be available.
- Do not change the position of the power switch while changing the language.
- Depending on the models, if the selected language is also supported by the vehicle information display, a confirmation message asking if you also wish to change the vehicle information display language is displayed. Select [Yes] to apply the language setting to the vehicle information display as well.

## UNITS SETTINGS

This changes the units used in the system.

1. Touch [Settings] on the Launch Bar.
2. Touch [Others].
3. Touch [Units].

| Setting item | Action |
|---|---|
| [Distance] | Select the distance unit. |
| [Temperature] | Select the temperature unit. |

**INFO:**

- Do not change the position of the power switch while changing the units for distance or temperature.
- The unit setting of the vehicle information display will also change the units displayed on the touch screen display.

## KEYBOARD TYPE SETTINGS

The keyboard layout of the character input screens can be selected.

1. Touch [Settings] on the Launch Bar.
2. Touch [Others].
3. Touch [Keyboard Type]. The type of keyboard switches between ABC and QWERTY.

## RETURN ALL SETTINGS TO DEFAULT

This resets all settings to default.

1. Touch [Settings] on the Launch Bar.
2. Touch [Others].
3. Touch [Return All Settings to Default].
4. A confirmation message is displayed. Touch [Yes] to set the settings to default.

**MEMO**

# 2 Unique EV functions (models with navigation system)


EV Info menu screen ..... 2-2
Displaying estimated driving range and charging station information ..... 2-3
- Basic information ..... 2-3
- Displaying estimated driving range ..... 2-3
- Displaying charging station icons on map ..... 2-5

Energy usage information display ..... 2-6
- Viewing energy usage information ..... 2-6

Unique EV function settings ..... 2-7
- Basic information ..... 2-7
- Battery information guidance (if so equipped) ..... 2-10

## EV INFO MENU SCREEN

Touch [Info] on the Launch Bar and touch [EV Info] to display the menu that includes useful functions for EV (Electric Vehicle) system.

| Setting items | Action |
|---|---|
| [Energy Usage] | Energy usage information is displayed on the screen. ☞ "Energy usage information display" (page 2-6) |
| [Driving Range] | The estimated driving area within range, including the current position, is displayed on the map screen. ☞ "Displaying estimated driving range" (page 2-3) |
| [Nearby Stations] | Searches for nearby charging stations. ☞ "Finding charging station" (page 6-21) |
| [EV Settings] | Various EV-specific settings can be adjusted from this menu. ☞ "Unique EV function settings" (page 2-7) |

## DISPLAYING ESTIMATED DRIVING RANGE AND CHARGING STATION INFORMATION

### BASIC INFORMATION

The estimated driving range and charging station information are displayed on the map screen.

**CAUTION**

**Charging station information may not be detailed in all areas or reflect current charging station locations. For up-to-date information about charging stations, such as business hours or charging equipment, NISSAN recommends that you directly access the information on your own. Additionally, always check the Li-ion battery available charge and set a reasonable driving schedule.**

### DISPLAYING ESTIMATED DRIVING RANGE

#### Basic information

The estimated driving range including the current position or the destination is displayed on the map screen depending on the charging status of the vehicle. A destination or a waypoint can be set on this screen.

**INFO:**

The estimated driving range map shows the predicted area the vehicle can reach on the basis of the estimated driving range that is indicated in the vehicle information display. Driving habits, the actual road environment (hills, etc.), and traffic conditions (traffic jams, etc.) will affect the actual available range.

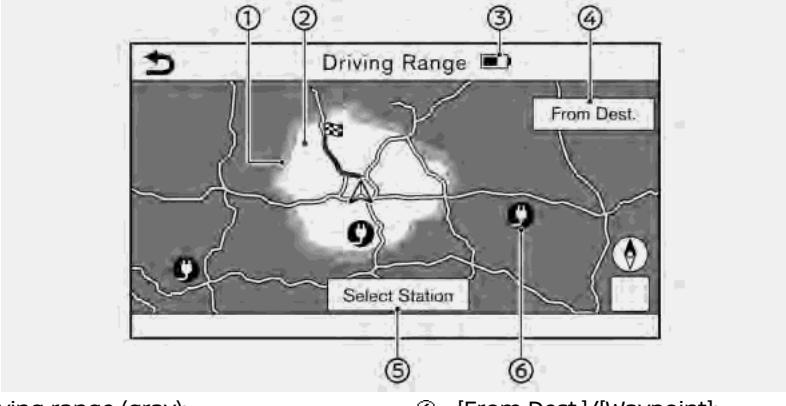
To display the estimated driving range, take the following procedure.

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar and then touch [EV Info].
3. Touch [Driving Range].
   ☞ "EV Info menu screen" (page 2-2)

**INFO:**

The estimated driving range will increase or decrease when the air conditioner, heater or Li-ion battery warmer (if so equipped) is turned on or off, the vehicle is shifted between D (Drive) and ECO, or when any other accessory is turned on or off based on driving.

## How to view driving range screen




① Driving range (gray):

An estimated extended driving range when the climate control system is turned off is displayed.

② Driving range (light gray):

An estimated driving range is displayed based on the current Li-ion battery charging condition.

③ Li-ion battery status indicator:

Indicates the amount of remaining Li-ion battery charge.

④ [From Dest.]/[Waypoint]:

[From Dest.] is displayed when only one location is set as a destination.

[Waypoint] is displayed when a destination and waypoint(s) are set.

Touching [From Dest.] will show an estimated driving range from the destination, taking the estimated amount of remaining Li-ion battery charge at the destination into consideration.

Touching [Waypoint] will show an estimated driving range from the nearest waypoint, taking the estimated amount of remaining Li-ion battery charge at the waypoint into consideration.

Touch [ ⮌ ] to return to the screen with an estimated driving range from the current vehicle position.

⑤ [Select Station]:

When touched, charging stations found within the estimated driving range are displayed and can be set as a destination/waypoint.

☞ "Finding charging station" (page 6-21)

⑥ Charging station icons:

: Normal charging station

: Quick charging station

**INFO:**

The estimated driving range is displayed in either gray or light gray, calculating the distance from the current position or the destination/waypoint.

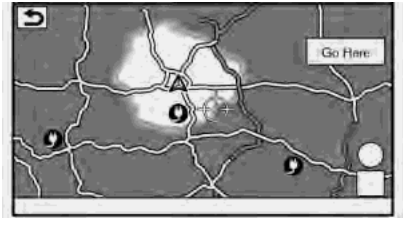
The area displayed in dark gray indicates that the area cannot be reached with the amount of remaining Li-ion battery charge.

Note that the displayed ranges are esti-

mations and should only be used as a reference.

## Setting a charging station as destination

While the estimated driving range is displayed on the map screen, the spot where the cross pointer is placed by moving the map can be set for the destination.




1. Scroll the map, place the cross pointer over the preferred location, and touch [Go Here].
2. When a message asking if you wish to set the location as a destination, touch [Yes].
3. The system sets the destination to the selected location and starts calculating a route.

**INFO:**

- You can also search for a charging station by touching [Select Station] on the driving range screen.
  ☞ "How to view driving range screen" (page 2-4)
- This procedure only allows you to set a destination or waypoint on the driving range screen. The system does not automatically set a desired charging station as a destination or waypoint. When setting a charging station displayed on the map as a destination by moving the map, zoom in the map and set a point as a destination as precisely as possible. If the destination is not set precisely, the system may provide guidance to a location that is not a charging station.

# DISPLAYING CHARGING STATION ICONS ON MAP

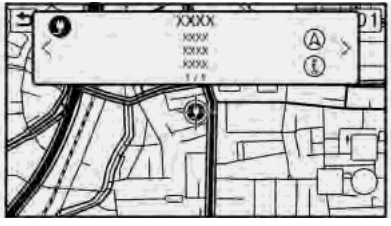
## Basic information

The charging station icons, as well as the other landmark icons, can be displayed on the map.

☞ "Displaying map icons" (page 6-13)

**INFO:**

- Placing the cross pointer on the charging station icons will display the information in a pop-up window.




  — When the [Ⓐ] is displayed on the pop-up window, the destination can be set by touching it. Touching [ⓘ] will display the place information screen. On the place information screen, touch [Call] to call the selected place if the key is available. Touch [Go Here] to set the selected location as the destination.

— Touch [<] or [>] to scroll to the next or previous page.

- By changing the setting of [Filter for Map Icons], charging station icons to be displayed on the map can be filtered by availability status.
  ☞ "Unique EV function settings" (page 2-7)
- Map icons do not appear if the map is zoomed out above a certain level.
- Settings of the charging station icons registered in the Address Book cannot be changed with this procedure.
  ☞ "Editing stored location" (page 6-50)

### Confirming charging station availability

Availability of charging stations can be displayed in color coded icons by connecting to the NissanConnect® EV and Services Data Center. Perform the following procedure to turn on the setting.

1. Touch **<MENU>**.
2. Touch [Info] on the Launch Bar.
3. Touch [EV Info].
4. Touch [EV Settings].
5. Touch [Charging Availability] to turn on the setting.

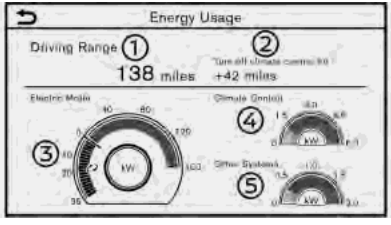
| Icons | Charging station type | Availability |
|---|---|---|
| | Normal charging icon | Green: Fully vacant<br>Yellow: Almost full<br>Red: Full<br>Gray: No information or unclear |
| | Quick charging icon | |
| | Normal charging icon | Closed or out of service |
| | Quick charging icon | |

## ENERGY USAGE INFORMATION DISPLAY

### VIEWING ENERGY USAGE INFORMATION

To display the estimated driving range and energy usage of various systems, perform the following procedure.

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar and then touch [EV Info].
3. Touch [Energy Usage].




① Driving Range:

The possible driving distance based on the current charging status is displayed.

② Variable distance:

When the climate control system is turned on, the additional distance the

vehicle can drive by turning the climate control system off is displayed. When the climate control system is turned off, the distance the vehicle can drive less if the climate control system is turned on is displayed.

③ Electric Motor:

Energy usage by the motor and regenerated energy are displayed.

④ Climate Control:

Energy usage by the climate control system is displayed.

⑤ Other Systems:

Energy usage by other equipment (headlights, windshield wiper, etc.) is displayed.

**INFO:**

Depending on the vehicle speed and the Li-ion battery status (remaining battery amount, temperature, etc.), the Electric Motor value displayed on this screen may be lower than the power meter value displayed on the vehicle information display.

## UNIQUE EV FUNCTION SETTINGS

### BASIC INFORMATION

EV unique function settings can be changed.

An active NissanConnect® EV and Services subscription is needed to remotely check charging status and Li-ion battery status, use remote charging, remotely start heating and cooling and to receive e-mails/text messages.

1. Touch **<MENU>**.
2. Touch [Info] on the Launch Bar.
3. Touch [EV Info].
4. Touch [EV Settings] in the EV Info menu.
   ☞ "EV Info menu screen" (page 2-2)
5. Touch the item you wish to set.

Available setting items may vary depending on models, specifications and software versions.

| Setting items | | Action |
|---|---|---|
| [Battery & Power Alerts] | [Use All Battery & Power Alerts] | Displays all battery alerts on the touch screen display. |
| | [Low Battery] | Displays the Low Battery message on the touch screen display to inform the driver that the Li-ion battery charge is low.<br>☞ "Low Battery" (page 2-10) |
| | [Destination Out of Range] | Displays a message on the touch screen display to inform the driver that the Li-ion battery should be charged soon.<br>The message will appear when the destination set in the navigation system is outside the estimated driving range.<br>☞ "Destination out of range guidance " (page 2-10) |
| | [Out of Charging Range Alert] | Displays a message on the touch screen display to inform the driver that the Li-ion battery should be charged soon.<br>The message will appear when no more than two charging stations are found within the estimated driving range.<br>☞ "Out of charging range guidance" (page 2-10) |
| [Charging Messages] | | Sends a notification to a preset e-mail address. This notification includes the charge connector status and the charge completion.<br>☞ "NissanConnect® EV and Services settings" (page 5-16) |
| [Map icons for charging stations] | | Displays charging station icons on the map screen.<br>☞ "Displaying charging station icons on map" (page 2-5) |
| [Filter for Map Icons] | [Open 24 hours] | When this item is turned on, the charging stations that are open 24 hours are displayed and shown as icons on the map screen. |
| | [Closed Stations] | When this item is turned on, the charging stations that are out of business hours are displayed and shown as icons on the map screen. |
| [Autosave New Charging Stations] | | If charging station information you have used is not stored in the system, the location will be automatically registered in the Address Book.<br>Turn this setting off if you do not want the charging location to be stored automatically.<br>You can set charging stations that are automatically registered by type. Select from [Quick], [Standard] and [Trickle]. |

| Setting items | Action |
|---|---|
| [Charging Availability] | Displays the current availability of charging stations in icons by connecting to the NissanConnect® EV and Services Data Center.<br>☞ "Confirming charging station availability" (page 2-6) |
| [Favorite Charging Locations] | Charging stations can be stored in the Address Book and reused to set destinations.<br>☞ "Searching from Address Book" (page 6-22)<br>The registration procedure is the same as the one for [Address Book].<br>☞ "Storing location" (page 6-48) |

## BATTERY INFORMATION GUIDANCE (if so equipped)

### Basic information

Information notifying the driver of the Li-ion battery status can be displayed on the touch screen display.

For detail information about the warning/indicator lights, see the LEAF Owner's Manual.

### Low Battery

When the low battery charge warning light and the master warning light (yellow) illuminate on the instrument panel, the system displays a message on the touch screen display that notices the driver that the Li-ion battery charge is low.

1. The notification is displayed on the upper side of the screen. Touch [Show] to display the detailed information screen.
2. The system displays a message screen to warn that the Li-ion battery charge is low. Check the message displayed on the touch screen display.

   Touch [Yes] to search for charging stations within the estimated driving range.

   ☞ "Finding charging station" (page 6-21)
3. Touch [ ⮌ ] or push **<MAP>** to return to the current location map screen.

**INFO:**

- The Low Battery message display can be turned off.

  ☞ "Unique EV function settings" (page 2-7)
- When the Li-ion battery charge is low, the system automatically obtains charging station information.

### Destination out of range guidance

If the remaining driving range is less than the distance to the destination that is entered while setting the route, the system displays a message on the screen that recommends Li-ion battery charging.

1. The notification is displayed on the upper side of the screen. Touch [Show] to display the detailed information screen.
2. The system displays a message screen to recommend Li-ion battery charging. Check the message displayed on the touch screen display.

   Touch [Yes] to search for charging stations within the estimated driving range.

   ☞ "Finding charging station" (page 6-21)
3. Touch [ ⮌ ] or push **<MAP>** to return to the current location map screen.

**INFO:**

- The charge recommendation guidance can be set to off.

  ☞ "Unique EV function settings" (page 2-7)
- When the route is changed to avoid a traffic jam or the possible driving distance indicated in the vehicle information display is changed, the charge recommendation guidance is displayed again.

### Out of charging range guidance

When no more than two charging stations are found within the estimated driving range, the system displays a message on the touch screen display that recommends Li-ion battery charging.

1. The notification is displayed on the upper side of the screen. Touch [Show] to display the detailed information screen.
2. The system displays a message screen to recommend Li-ion battery charging. Check the message displayed on the touch screen display.

Touch [Yes] to search for charging stations within the estimated driving range.
☞ "Finding charging station" (page 6-21)

3. Touch [ ⮌ ] or push **<MAP>** to return to the current location map screen.

**INFO:**

- The [Out of Charging Range Alert] can be turned off.
☞ "Unique EV function settings" (page 2-7)
- The guidance message may reappear when estimated driving range displayed on the vehicle information display has been changed by the change in the temperature setting on the heater/air conditioner, etc.

**MEMO**

# 3 Audio system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## AUDIO OPERATION PRECAUTIONS

### BASIC INFORMATION

**CAUTION**

- **Operate the audio system only when the EV system is running. Operating the audio system for extended periods of time with the EV system 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

#### Basic information

Place the power switch in the ACC or ON position before turning on the radio. If you listen to the radio with the EV system not running, the power 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

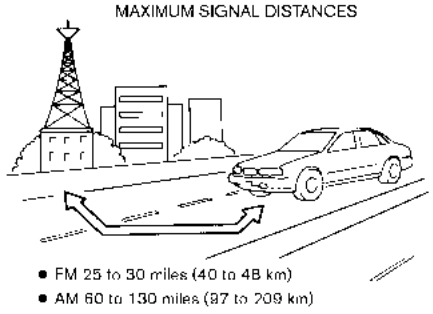
Your radio system is equipped with state-of-the-art electronic circuits to enhance radio reception. These circuits are designed to extend reception range, and to enhance the quality of that reception.

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.

## 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.

## 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 connection port. Depending on the USB connection port, inserting the USB device tilted or upside down may damage the**

**port. Make sure that the USB device is connected correctly into the USB connection port.**

- **Do not grab the USB connection 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.

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:**

iPod® is a trademark of Apple Inc., registered in the U.S. and other countries.

- 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®.

## COMPRESSED AUDIO FILES (MP3/WMA/AAC)

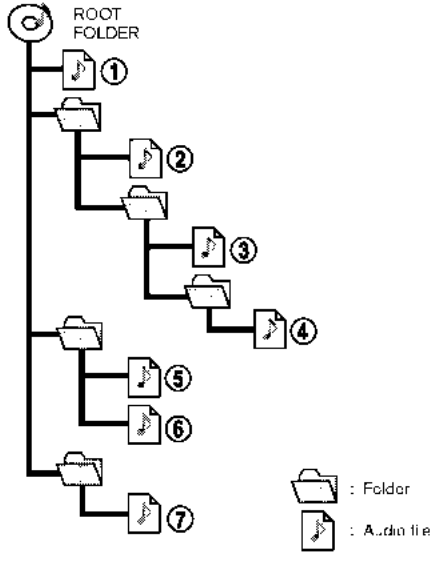
### Explanation of terms

- 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 deter-

mined 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.
- AAC — Advanced Audio Coding (AAC) is a compressed audio format. AAC offers greater file compression than MP3 and enables music file creation and storage at the same quality as MP3.

## 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 the files might not play in the desired order.
- Music playback order of compressed audio files is as illustrated.

## Specification chart for USB

**Models with navigation system:**

| | |
|---|---|
| Supported media | USB2.0 |
| Supported file systems | 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 |
| FLAC | | | 8-192 kHz | 128-12,288 kbps |
| WAV | | | 8-192 kHz | 128-12,288 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.

**Models without navigation system:**

| | |
|---|---|
| Supported media | USB2.0 |
| Supported file systems | FAT16, FAT32 |
| Folder levels | Folder levels: 8, Files via folder: 255, Folders: 2500 (including root folder), Files: 32000 |
| 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 |
| FLAC | | | 8-192 kHz | 128-12,288 kbps |
| WAV | | | 8-192 kHz | 128-12,288 kbps |

*1 MPEG2.5 is not supported.

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

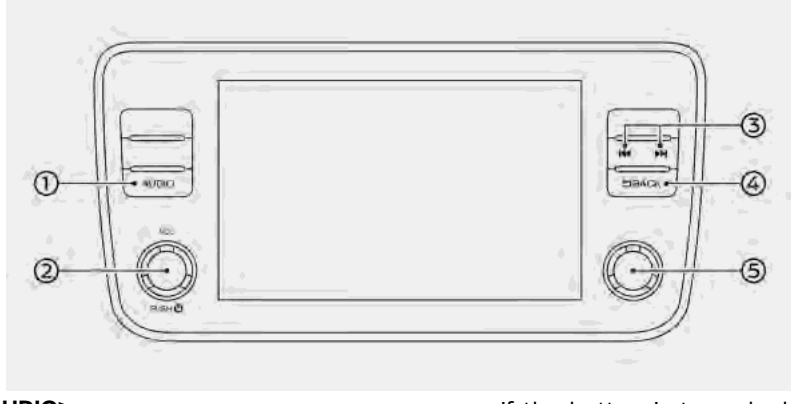
*3 Only AAC files encoded by iTunes are supported. HE-AAC (High-Efficiency) is not supported.

## BLUETOOTH® 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® audio.
- The Bluetooth® 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.

## NAMES AND FUNCTIONS OF AUDIO CONTROL BUTTONS

### AUDIO MAIN BUTTONS




① **<AUDIO>**:

Push to display the audio screen.

Push again to display the audio source menu screen.

☞ "Selecting audio source" (page 3-10)

② **<VOL/ ⏻ >**:

Push to turn on/off the audio system.

The audio system can also be turned on if the button is turned when the system is turned off.

Turn to adjust the volume.

③ **< ⏮ >/< ⏭ >**:

Use the buttons to select and rewind/ fast-forward tracks and to tune radio stations/channels.

④ **<BACK>**:

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

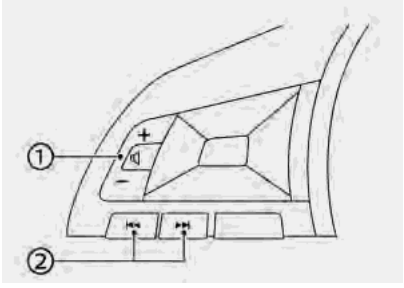
⑤ **<TUNE·SCROLL/OK>**:

Turn to manually tune AM/FM, to select SiriusXM® channels or to skip tracks.

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 adjusted.

☞ "Audio adjustments with audio adjust bar" (page 3-30)

## AUDIO CONTROL STEERING WHEEL SWITCHES




① **< 🔊 >** (Volume control):

Push the + or - side of the switch to adjust the volume.

② **< ⏮ >/< ⏭ >**:

Use the switches for audio operations.
☞ "Audio operations" (page 3-10)

**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.

# AUDIO OPERATIONS

## AUDIO MAIN OPERATION

### Turning audio system on/off

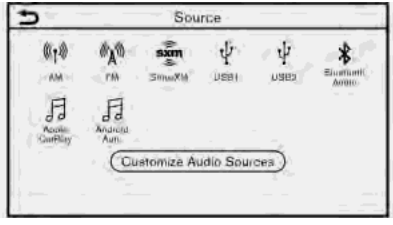
The power switch must be in the ACC or ON position to turn on the audio system. Push **<VOL/ ⏻ >** or **<AUDIO>** to turn on the last audio source that was playing immediately before the system was turned off. To turn off the audio system, push **<VOL/ ⏻ >** again.

**INFO:**

The audio system can also be turned on by turning **<VOL/ ⏻ >** when the system is turned off.

### Selecting audio source

**Selecting from source menu screen:**

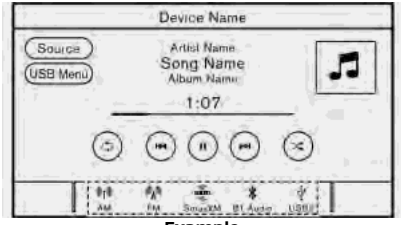



1. Push **<AUDIO>** when the audio screen is displayed.
2. Select an audio source you prefer to play.

**INFO:**

- Touching [Source] on the upper left corner of the audio screen will also display the audio source menu screen.
- The audio source can also be changed by operating the vehicle information display. Refer to the LEAF Owner's Manual for the detail of the vehicle information display.

**Selecting from Launch Bar:**

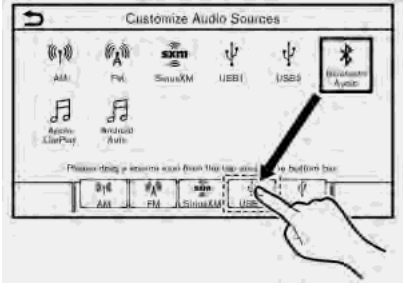



**Example**

The source icons are displayed on the Launch Bar. Touch the icon to select the preferred audio source.

**Customizing Launch Bar:**

The source icons displayed in the Launch Bar can be customized.




1. Push **<AUDIO>** or touch [Source], while the Audio screen is displayed.
2. Touch [Customize Audio Sources].
3. Drag the preferred source icon to the Launch Bar.
4. Push **<BACK>** on the control panel or touch [ ⮌ ] to confirm the setting.

**INFO:**

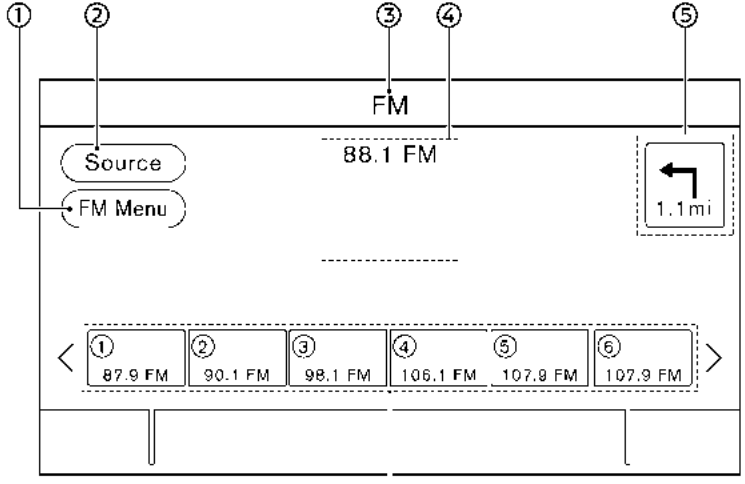
[Customize Audio Sources] can also be accessed from [Settings] on the Launch Bar.

☞ "System settings" (page 1-14)

RADIO

How to view radio screen

**AM/FM screen:**




① [AM Menu]/[FM Menu]:

Touch to display the radio menu screen.
☞ "Radio Menu" (page 3-16)

② [Source]:

Touch to switch to the source menu screen.
☞ "Selecting audio source" (page 3-10)

③ Audio source indicator:

Indicates the currently selected audio source.

④ Reception information display:

Reception information currently available such as frequency, station name, etc. is displayed.

⑤ Turn direction indicator (if so equipped):

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

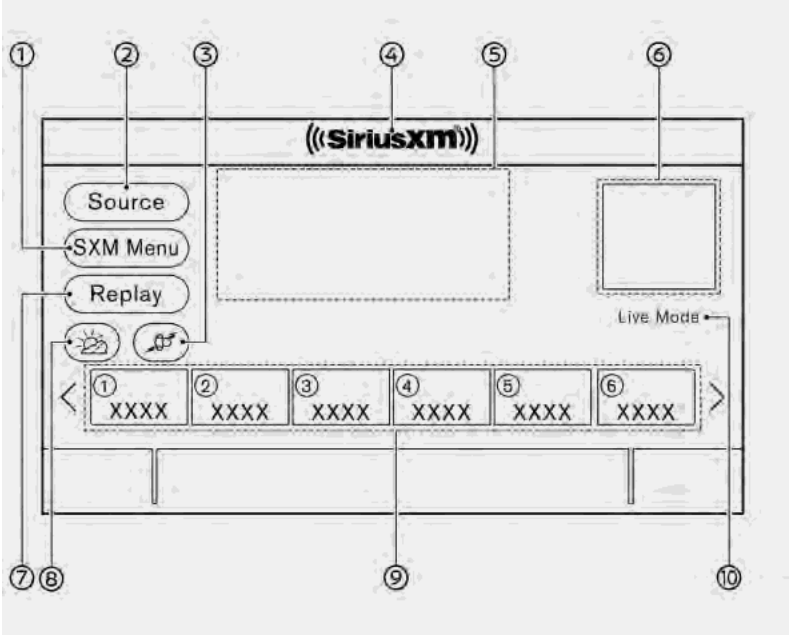
⑥ Preset list:

To listen to a preset station, touch the corresponding station from the preset list. If displayed, touch [ < ] or [ > ] to scroll the preset list.

Touch and hold one of the keys in the preset list to store the currently play-

ing station to that key location.
☞ "Presetting" (page 3-15)

**SiriusXM® screen:**




① [SXM Menu]:

Touch to display the SiriusXM® menu screen.
☞ "Radio Menu" (page 3-16)

② [Source]:

Touch to switch to the source menu screen.
☞ "Selecting audio source" (page 3-10)

③ Sports Flash indicator:

An indicator will be displayed when sports information is available for pre-registered sports teams. The indicator color signifies the current status:

| | |
|---|---|
| Gray | No Sports Flash audio is available yet, or Sports Flash monitoring is deactivated. |
| White | Sports Flash monitoring is activated, but favorite teams are not playing games. |
| Light green | Favorite teams are playing games. |
| Orange | Replaying (listening to) Sports Flash audio. |

Sports Flash is not available for models without navigation system and the indi-

cator is always grayed out.

④ Audio source indicator:

Indicates the currently selected audio source.

⑤ Reception information display:

The channel logo will indicate the currently tuned channel name. Also the channel number, artist and title of the currently played song is displayed.

⑥ Channel artwork/turn direction indicator (if so equipped):

Images or album artwork displayed by the currently playing channel.

When a route is set, turn direction indicator will be displayed (models with navigation system).

⑦ [Replay]:

Up to 60 minutes of the broadcast of the currently playing channel can be replayed. Touching [Presets] will return to current SiriusXM® reception.

⑧ Traffic & Weather Now (TWN) indicator:

An indicator will be displayed when SiriusXM Traffic™ and SiriusXM® Weather information are available for pre-registered cities. The indicator color signifies the current status:

| | |
|---|---|
| Gray | TWN audio is loading, or no city has been defined yet. |
| White | Already listened to current TWN audio information. |
| Light green | New TWN audio information is available. |
| Orange | Playing TWN audio information. |

The information can be played by touching the indicator when the indicator is light green.

TWN is not available for models without navigation system and the indicator is always grayed out.

⑨ Preset list:

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

☞ "Presetting" (page 3-15)

⑩ Mode indicator:

Displays the current play mode. "Live Mode" or "Replay Mode" will be displayed.

**INFO:**

The SiriusXM® Audio function will not operate without a subscription to SiriusXM® Satellite Radio.

## Radio operation

**Radio activation and band selection:**

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

☞ "Selecting audio source" (page 3-10)

**INFO:**

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

**Tuning:**

**AM/FM**

To tune to stations manually, turn **<TUNE·SCROLL/OK>**.

**SiriusXM® Audio**

To tune to channels, push **< ⏮ >/< ⏭ >** on the control panel or turn **<TUNE·SCROLL/OK>**.

**Fast tuning:**

Push and hold **< ⏮ >/< ⏭ >** on the control panel to fast tune to stations/channels.

**Seek tuning:**

When in AM or FM mode, push **<⏮>/<⏭>** on the control panel or push and hold **<⏮>/<⏭>** on the steering wheel to seek up/down to the next receivable broadcast station.

**Presetting:**

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

1. Select a radio band (AM, FM or SiriusXM®).
2. Tune to the station/channel you wish to store.
3. Touch and hold one of the preset numbers in the preset list.

The information such as frequency (AM/FM), channel number (SiriusXM®), etc. will be displayed on the preset list.

To select and listen to the preset stations/channels, push **<⏮>/<⏭>** on the steering wheel briefly or touch a preferred station/channel on the preset list on the radio screen.

## Radio Menu

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

Available menu items may vary depending on models, specifications and software versions.

**[FM Menu]/[AM Menu]:**

| | |
|---|---|
| [SCAN] | To scan tune the stations, touch [FM Menu] or [AM Menu] on the radio screen and then touch [SCAN]. The stations will be tuned from low to high frequencies and stop at each broadcasting station 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. |
| [Radio Text] | Displays the radio text information. |
| [Refresh] | Touch to update the station list displayed on the right side of the FM or AM menu screen. |
| Station List | Displays the station list on the right side of the FM or AM menu screen. |

**[SXM Menu]:**

| | |
|---|---|
| [Now Playing] | Touch to display the SiriusXM® screen. |
| [Channel List] | Touch to display the channel list. |
| [Direct Tune] | Touch to select a channel by entering channel number directly. Touch [Now Playing] to return to the SiriusXM® screen without any changes. |
| [Tag Artist] | Touch to save the current artist as a favorite. |
| [Tag Song] | Touch to save the current song as a favorite. |
| [Categories] | Touch to select a channel by selecting from the category list. |

| | |
|---|---|
| [Start Tune Scan] | While the audio system is on, all songs playing on the preset channels (up to 12 from the first) are recorded. Up to one hour of music is recorded for each preset channel.<br>Touch to scan play the recorded songs for a few seconds (oldest song is played first).<br>Touch [Play] to stop scanning and select currently played song to replay.<br>Touch [ ⏮ ]/[ ⏭ ] to skip to the next or previous song.<br>Touch [Abort] to cancel the scanning. |
| [Favorite Artists: History] | Touch to display the favorite artist alert history. |
| [Favorite Songs: History] | Touch to display the favorite song alert history. |
| [Sports Flash: History] | Touch to display the sports flash alert history. |
| [Edit Favorite Artists] | Turn on/off the notification for favorite artists. Touching [Turn All Alerts ON]/[Turn All Alerts OFF] can turn on/off for all artist at once. Touching [🗑] can delete a stored favorite artist and [Delete All Favorites] deletes all stored artists. |
| [Edit Favorite Songs] | Turn on/off the notification for favorite songs. Touching [Turn All Alerts ON]/[Turn All Alerts OFF] can turn on/off for all song at once. Touching [🗑] can delete a stored favorite song and [Delete All Favorites] deletes all stored songs. |
| [Edit Sports Flash Teams] | Turn on/off the notification for a favorite team. Touching [Turn All Alerts ON]/[Turn All Alerts OFF] can turn on/off for all team at once. Touching [🗑] can delete a stored favorite team. [Add Team] can add a new favorite team to the list. |
| [Edit Favorite TWN City] | Touch to select a city from the list. Traffic & Weather Now (TWN) provides the traffic and weather information for the selected city and nearby area by touching the Traffic & Weather Now indicator on the SiriusXM® screen. |
| [Notification Settings] | Touch to turn on/off the notifications for Artists, Songs, and Sports Flash.<br>Turning on [Alerts on Non-Audio Screens] can also display the notification on menu screens other than the audio screen. |
| [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 [Disable All Channels]/[Enable All Channels]. You can also turn on/off [Mature Channels]. |
| [Tune Start] | Touch to turn on/off the Tune Start feature. This feature buffers the content playing on each of the SiriusXM® preset channels, so that when a preset channel is selected, the currently playing song always starts playing from the beginning. |

**INFO:**

- SiriusXM® Audio requires 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 power switch from LOCK to ACC to update the SiriusXM® channel list.

## 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 connection port. Depending on the USB connection port, inserting the USB device tilted or upside down may damage the port. Make sure that the USB device is connected correctly into the USB connection port.**
- **Do not grab the USB connection 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.**

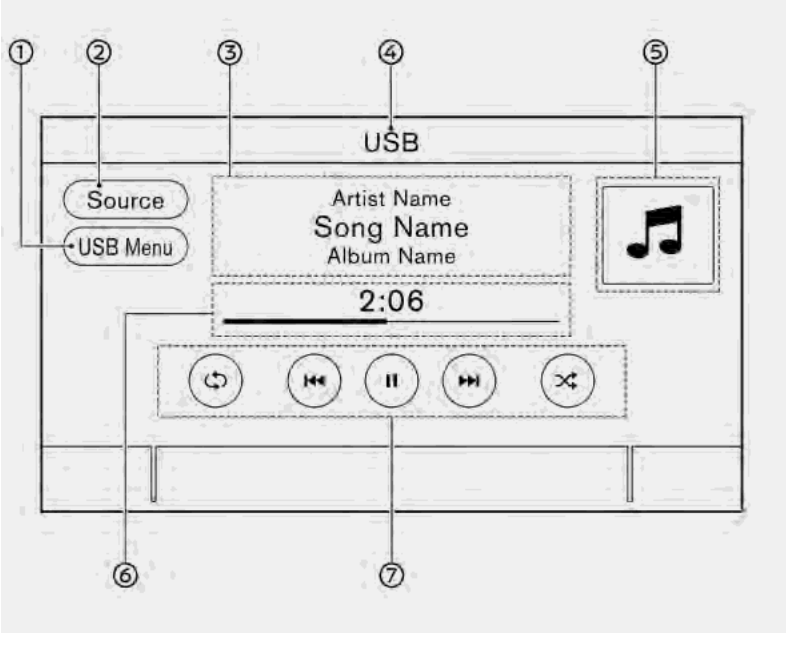
Refer to your device manufacturer's owner information regarding the proper use and care of the device.

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.

For the location of the USB connection ports:

☞ "USB (Universal Serial Bus) connection ports" (page 1-5)

How to view USB screen




① [USB Menu]:

Touch to switch to the USB Menu screen.
☞ "USB Menu" (page 3-21)

② [Source]:

Touch to switch to the source menu screen.
☞ "Selecting audio source" (page 3-10)

③ Track information:

Track information such as the song name, artist name and album name are displayed.

④ Device name indicator:

Indicates the name of the USB device currently playing.
☞ "Selecting audio source" (page 3-10)

⑤ Album artwork/turn direction indicator (if so equipped):

Image of an album artwork is displayed when available if the setting is turned on.
☞ "USB Menu" (page 3-21)

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 (models with 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 to control USB playback functions.

| | |
|---|---|
| [ ] | Each time [ ] is touched, the repeat mode changes. ☞ "Changing play mode" (page 3-20) |
| [ ⏮ ] | 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 3-20) |

## USB memory device player operation

Activation behavior varies depending on models, specifications and software versions.

**Activation and playing:**

Connecting the USB memory device into the port will start playing the USB memory.

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

☞ "Selecting audio source" (page 3-10)

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

**Selecting search method:**

A list of search methods is displayed in the USB menu.

☞ "USB Menu" (page 3-21)

**Skipping tracks:**

To skip the tracks, push **< ⏮ >/< ⏭ >** on the control panel, touch [ ⏮ ]/[ ⏭ ] on the screen or push **< ⏮ >/< ⏭ >** on the steering wheel repeatedly until preferred track is selected.

**INFO:**

Depending on the condition, skipping to the previous track may require pushing the button or touching the key twice. Pushing the button or touching the key once may only restart the current track from the beginning.

**Changing folders:**

To change folders, touch [USB Menu].

☞ "USB Menu" (page 3-21)

**Rewinding/fast-forwarding:**

To rewind or fast-forward the track, push and hold **< ⏮ >/< ⏭ >** on the control panel, touch and hold [ ⏮ ]/[ ⏭ ] on the screen or push and hold **< ⏮ >/< ⏭ >** on the steering wheel.

**Changing play mode:**

**Repeat mode**

Touch [ ] on the USB screen to change the repeat mode. The following modes are available.

No text displayed: Repeat off

[All]: Repeat all

[Folder]: Repeat folder/sub-folder

[Track]: Repeat track

**Random mode**

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

No text displayed: Random off

[Random]: Random play

## 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. |
| [Folder List] * | Touch to display the folder list. Touch an item on the list to select the folder. The sub-folder or track list will be displayed. Select a sub-folder or track from the list. |
| [Album Artwork] | Touch to turn on/off the album artwork display on the USB screen. |
| [Playlists] | Touch to display the list according to the selected item. |
| [Artists] | |
| [Albums] | |
| [Songs] | |
| [Genres] | |
| [Composers] | |

*: 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 connection port. Depending on the USB connection port, inserting the USB device tilted or upside down may damage the port. Make sure that the USB device is connected correctly into the USB connection port.**
- **Do not grab the USB connection 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 connection port.

☞ "USB (Universal Serial Bus) connection ports" (page 1-5)

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 device and iOS, 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.

iPod® is a trademark of Apple Inc., registered in the U.S. and other countries.

**Compatibility:**

Made for

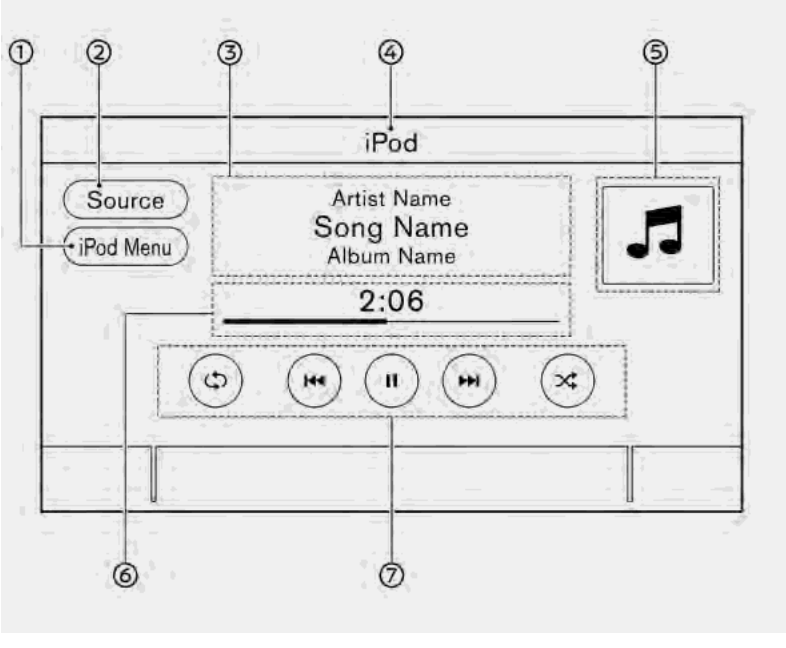
- iPhone® 13 Pro Max
- iPhone® 13 Pro
- iPhone® 13 mini
- iPhone® 13

- iPhone® 12 Pro Max
- iPhone® 12 Pro
- iPhone® 12 mini
- iPhone® 12
- iPhone® 11 Pro Max
- iPhone® 11 Pro
- iPhone® 11
- iPhone® XR
- iPhone® XS Max
- iPhone® XS
- iPhone® X
- iPhone® 8 Plus
- iPhone® 8
- iPhone® 7 Plus
- iPhone® 7
- iPhone® 6s Plus
- iPhone® 6s
- iPhone® SE (2nd generation)
- iPhone® SE (1st generation)
- iPod touch® (7th generation)

**INFO:**

- Make sure that iOS is updated.
- 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 3-25)

② [Source]:

Touch to switch to the source menu screen.
☞ "Selecting audio source" (page 3-10)

③ Track information:

Track information such as the song name, artist name and album name are displayed.

④ Device name indicator:

Indicates the name of the iPod® currently playing.

⑤ Album artwork/turn direction indicator (if so equipped):

Image of an album artwork is displayed when available if the setting is turned on.
☞ "iPod® Menu" (page 3-25)

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 (models with 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 to control iPod® playback functions.

| | |
|---|---|
| [↻] | Each time [↻] is touched, the repeat mode changes. ☞ "Changing play mode" (page 3-24) |
| [ ⏮ ] | 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 3-24) |

## iPod® player operation

Depending on the connected device, some functions cannot be used.

Activation behavior varies depending on models, specifications and software versions.

**Activation and playing:**

Connecting an 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 3-10)

**Selecting search method:**

A list of search methods is displayed in the iPod® menu.

☞ "iPod® Menu" (page 3-25)

**Skipping tracks:**

To skip the tracks, push **< ⏮ >/< ⏭ >** on the control panel, touch [ ⏮ ]/[ ⏭ ] on the screen or push **< ⏮ >/< ⏭ >** on the steering wheel repeatedly until preferred track is selected.

**INFO:**

Depending on the condition, skipping to the previous track may require pushing the button or touching the key twice. Pushing the button or touching the key once may only restart the current track from the beginning.

Turning **<TUNE·SCROLL/OK>** while a track is playing will also skip the tracks.

**Rewinding/fast-forwarding:**

To rewind or fast-forward the track, push and hold **< ⏮ >/< ⏭ >** on the control panel, touch and hold [ ⏮ ]/[ ⏭ ] on the screen or push and hold **< ⏮ >/< ⏭ >** on the steering wheel.

**Changing play mode:**

**Repeat mode**

Touch [↻] on the iPod® screen to change the repeat mode. The following modes are available.

No text displayed: Repeat off

[All]: Repeat all

[Track]: Repeat track

**Random mode**

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

No text displayed: Random off

[Random]: Random play

### iPod® Menu

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

The following items are available.

| | |
|---|---|
| [Now Playing] | Touch to display the iPod® screen. |
| [Current List] | A list of tracks in the currently selected category is displayed. To scroll up or down the list, turn **<TUNE·SCROLL/OK>**. |
| [Album Artwork] | Touch to turn on/off the album artwork display on the iPod® screen. |
| [Playlists] | Touch to display the list according to the selected item. |
| [Artists] | |
| [Albums] | |
| [Songs] | |
| [Genres] | |
| [Composers] | |
| [Audiobooks] | |
| [Podcasts] | |

## BLUETOOTH® AUDIO

### Basic information

Your vehicle is equipped with Bluetooth® Audio.

If you have a compatible Bluetooth® device with streaming audio capability (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.

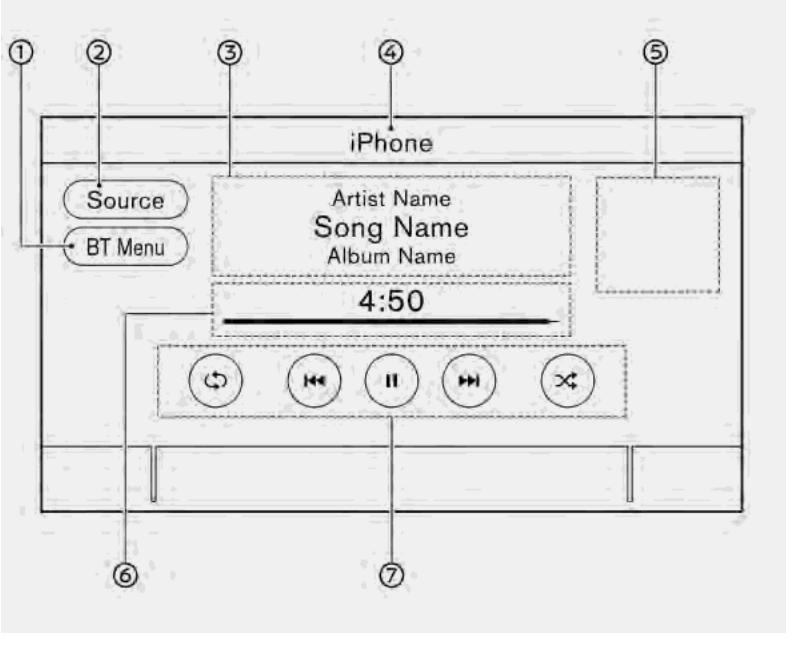
Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when using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

### Connecting Bluetooth® audio device

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

☞ "Setting Bluetooth®" (page 1-17)

How to view Bluetooth® audio screen




① [BT Menu]/[Connections]:

Depending on the connected device, either [BT Menu] or [Connections] is displayed.

Touch [BT Menu] to display the Bluetooth® audio menu screen.
☞ "BT Menu" (page 3-28)

Touch [Connections] to display the connection screen.
☞ "Setting Bluetooth®" (page 1-17)

② [Source]:

Touch to switch to the source menu screen.
☞ "Selecting audio source" (page 3-10)

③ Track information:

Track information such as the song name, artist name and album name are displayed.

④ Device name indicator:

Indicates the name of the Bluetooth® audio device currently playing.

⑤ Turn direction indicator (models with navigation system):

The turn direction and the distance to the next turn are displayed when a route is set.

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 to control the Bluetooth® audio playback function.

| | |
|---|---|
| [↻] | Each time [↻] is touched, the repeat mode changes. ☞ "Changing play mode" (page 3-28) |
| [⏮] | 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 3-28) |

**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 delay may occur before music is played back.

**Activation and playing:**

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

☞ "Selecting audio source" (page 3-10)

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

**Skipping tracks:**

To skip the tracks, push **<⏮>/<⏭>** on the control panel, touch [⏮]/[⏭] on the screen or push **<⏮>/<⏭>** on the steering wheel repeatedly until preferred track is selected.

**INFO:**

Depending on the condition, skipping to the previous track may require pushing the button or touching the key twice. Pushing the button or touching the key once may only restart the current track from the beginning.

Turning **<TUNE·SCROLL/OK>** while a track is playing will also skip the tracks.

**Changing folders:**

To change folders, touch [BT Menu].

☞ "BT Menu" (page 3-28)

**Rewinding/fast-forwarding:**

To rewind or fast-forward the track, push and hold **<⏮>/<⏭>** on the control panel, touch and hold [⏮]/[⏭] on the screen or push and hold **<⏮>/<⏭>** on the steering wheel.

**Changing play mode:**

**Repeat mode**

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

**Random mode**

Touch [⤮] on the screen to change the random mode.

**INFO:**

Available repeat/random modes change depending on the connected device.

## 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. |
| [Current List] | A list of tracks in the currently selected folder is displayed. |
| [Connections] | Touch to display the connections screen. ☞ "Connections settings" (page 1-17) |
| Folder list * | Touch to display the folder list. Touch an item on the list to select the folder. |

*: Displayed only when available.

**INFO:**

Depending on the connected device, [BT Menu] may not be displayed.

# SMARTPHONE AUDIO

## Basic information

You can also listen to music from your compatible smartphone using Apple CarPlay® or Android Auto.

☞ "Apple CarPlay®" (page 5-23)
☞ "Android Auto™" (page 5-25)

## Connecting smartphone

Connect the iPhone® or Android phone to the USB connection port.

☞ "USB (Universal Serial Bus) connection ports" (page 1-5)

## Smartphone audio operation

1. Connect the iPhone® or Android phone to the USB connection port and activate Apple CarPlay® or Android Auto.
2. Push **<AUDIO>**.
3. Touch [Source].
4. Touch [Apple CarPlay] or [Android Auto] in the audio source menu screen, and the smartphone audio starts activating.

☞ "Selecting audio source" (page 3-10)

## AUDIO SETTINGS

### BASIC INFORMATION

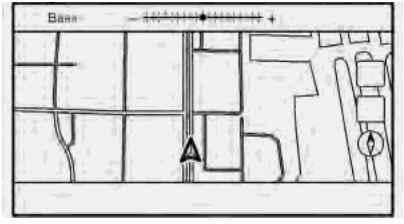
Audio settings can be adjusted or audio related functions can be turned on/off with the following procedure.

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

Available setting items may vary depending on models, specifications and software versions.

| Setting items | Action |
|---|---|
| [Bass] | Adjust the speaker tone quality and sound balance by touching [-]/[+], [L]/[R] or [R]/[F]. |
| [Middle] | |
| [Treble] | |
| [Balance] | |
| [Fade] | |
| [Bass Enhancer] | When this item is turned on, the system enhances bass sound. |
| [Speed Sensitive Volume] | Automatically adjusts the volume depending on the vehicle speed. Touch [-]/[+] to change the sensitivity level. |

## AUDIO ADJUSTMENTS WITH AUDIO ADJUST BAR




Sound quality can be adjusted with **<TUNE·SCROLL/OK>**. Push **<TUNE·SCROLL/OK>** when a list screen is not displayed, and the audio adjust bar will be displayed. Each time **<TUNE·SCROLL/OK>** is pushed, the menu will shift to the available setting items.

Turn **<TUNE·SCROLL/OK>** to adjust the level of the selected setting item.

**INFO:**

This function may not be available when a menu is highlighted on the screen.

## USB MEMORY DEVICE CARE

- 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


Bluetooth® Hands-Free Phone System ..... 4-2
Basic information ..... 4-2
Phone screen ..... 4-3
Indicators ..... 4-4
Phone ..... 4-5
Hands-free text messaging assistant ..... 4-8
Phone and text message settings ..... 4-11

## BLUETOOTH® HANDS-FREE PHONE SYSTEM

### BASIC INFORMATION

**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 the READY to drive indicator light is illuminated.**

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 procedures for connecting the phone does not need to be performed again. Your phone will automatically re-connect to the in-vehicle phone module when the power switch is placed in the ACC or ON position with the selected cellular phone turned on and carried in the vehicle.

You can register up to 6 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 and text message commands, so dialing a phone number using your voice is possible.

☞ "Control buttons and touch screen display" (page 1-2)
☞ "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 website 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 power switch is placed in the ON position, it may not be possible to receive a call for a short period 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 website 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 or battery display on the monitor may not coincide with the antenna or battery display of some cellular phones.
- If reception between callers is unclear, adjusting the incoming or outgoing call volume may improve the clarity.
  ☞ "Control buttons and touch screen display" (page 1-2)
  ☞ "Volume settings" (page 4-12)
- The microphone is located near the map light.
- To improve call quality, the microphone is optimized to recognize the driver's voice. Speech from vehicle passengers may not be captured by the Bluetooth® Hands-Free Phone System.
- Keep the interior of the vehicle as quiet as possible to hear the caller's voice clearly as well as to minimize echo.
  Reduce background noise as much as possible by closing windows and pointing HVAC vents away from the ceiling.

## PHONE SCREEN

The phone screen can be displayed by touching [Phone] on the Launch Bar, pushing **<** **>** on the steering wheel or pushing **<** **>** (if so equipped) on the control panel.

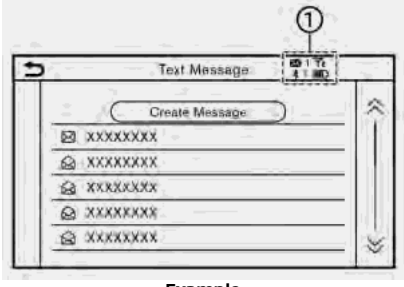
**Available items**

| Menu item | Action |
|---|---|
| [Quick Dial] | Displays the Quick Dial screen. ☞ "Making a call" (page 4-5) |
| [Phonebook] | Displays the phonebook screen. ☞ "Making a call" (page 4-5) |
| [Call History] | Displays the call history screen. ☞ "Making a call" (page 4-5) |
| [Dial Number] | Displays the phone number entry screen. ☞ "Making a call" (page 4-5) |
| [Text Message] | Displays the received message list screen. ☞ "Displaying received message list" (page 4-9) |
| [Connections] | Displays the connection screen. ☞ "Setting Bluetooth®" (page 1-17) |
| [Volume] | Displays the volume adjustment screen. ☞ "Volume settings" (page 4-12) |

**INFO:**

Depending on the connected device, some functions cannot be used.

## INDICATORS




**Example**

When a cellular phone is connected through the Bluetooth® wireless connection, indicators ① for phone and text messaging are displayed on the top of the screen.

Available setting items may vary depending on models, specifications and software versions.

| | |
|---|---|
| 1 | Indicates the number of unread received messages. |
| 1 | Indicates the Bluetooth® device that is currently connected. |
| | Indicates that Bluetooth® device(s) are connected. |
| | 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 6 Bluetooth® devices can be connected to the system.

☞ "Setting Bluetooth®" (page 1-17)

## Phone selection

Follow the instructions below to select a connected device for use with the Bluetooth® Hands-Free Phone System:

1. Touch [Phone] on the Launch Bar.
2. Touch [Connections] and touch [Bluetooth]. A list of the connected cellular phones is displayed.
3. Touch one of the connected cellular phones from the list.

   When the connection is successful, a message indicating that the device connection is complete will be displayed under the device name.

   If [⊘] is displayed in gray, touch the icon to activate the connection.

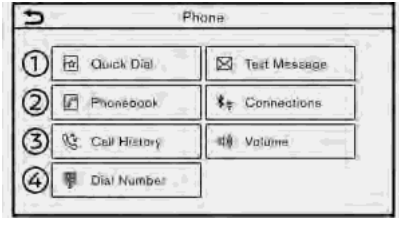
   ☞ "Setting Bluetooth®" (page 1-17)

**INFO:**

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

## Making a call

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




① [Quick Dial] :

Select a telephone number registered as a Quick Dial number.

☞ "Quick Dial" (page 4-12)

② [Phonebook] :

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

Depending on the device, the phonebook will be downloaded from the cellular phone automatically when it is connected. If the automatic download does not take place, the telephone number must be transferred to the hands-free phone system from the cellular phone prior to using this method.

☞ "Phone settings" (page 4-11)

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.

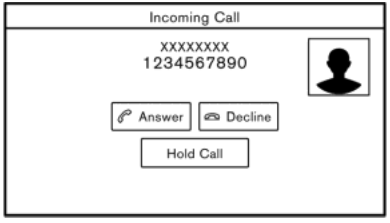
**INFO:**

With models capable of connecting with two hands-free phones simultaneously via Bluetooth®, either of the connected phone devices can be selected for dialing operation when [Allow 2 Phones Simultaneously] is turned on.

☞ "Bluetooth® settings" (page 1-18)

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

## Receiving a call




When you receive a phone call, the display switches to the Incoming Call screen and the ringtone is played through the vehicle's audio system.

**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, take one of the following actions.

- Push and hold **<** **>** on the steering wheel.
- Touch [Decline].

**Holding a call:**

To hold the call, touch [Hold Call].

**INFO:**

With models capable of connecting with two hands-free phones simultaneously via Bluetooth®, if [Allow 2 Phones Simultaneously] is turned on, two hands-free phone devices can be connected at the same time. If one of the connected devices receives an incoming call while the other device is already online, a pop-up message will appear to inform that answering the call will hang up the line of the other connected device. Touch [Answer] to answer the call and hang up the line on the other device. Touch [Decline] to continue the conversation on the other device.

## During a call

The Call in Progress screen will appear during a call.

To hang up the phone, touch [Hang up].

**Operations during a call:**

There are some options available other than hanging up a call or answering/rejecting incoming calls.

Touch one of the following displayed keys on the screen to take action.

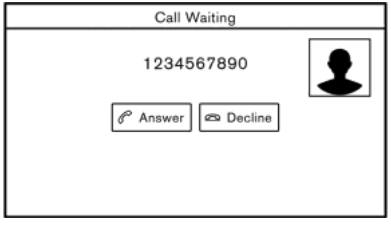
| Available item | Action |
|---|---|
| [Use Handset] | Transfer the call to the cellular phone. |
| [Mute] | When muted, your voice will not be heard by the person on the other end of the line. |
| [Dial Number] | Using the touch tone, send digits to the connected party for using services such as voicemail. |
| [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 cellular phone.

**INFO:**

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

**Call from a second person:**




When another phone call is received during a call, the Call Waiting screen will appear.

**Answering call from a second person:**

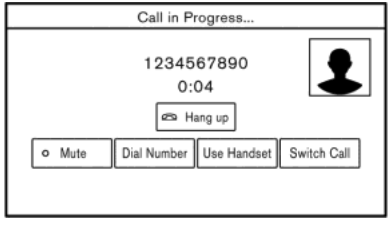
To answer the call from the second person and place the first caller on hold, take one of the following actions.

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

**Rejecting call from a second person:**

To reject a call from the second person and continue the conversation with the first caller, touch [Decline].

**During a call with a second person:**




To hang up the phone and return to the conversation with the first caller, touch [Hang up].

To switch between two calls on line, touch [Switch Call].

## HANDS-FREE TEXT MESSAGING ASSISTANT

### Basic information

**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.**
- **Laws in some jurisdictions may restrict the use of "Text-to-Speech". Check local regulations before using this feature.**
- **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.**
- **If you are unable to devote full attention to vehicle operation while using the text messaging feature, pull off the road to a safe location and stop your vehicle.**

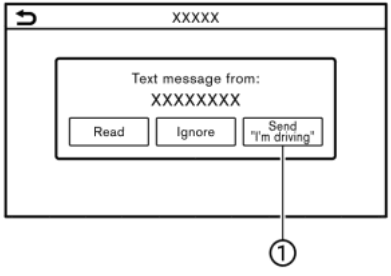
**CAUTION**

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

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

The availability of the text message function may vary depending on the cellular phone.

### Receiving a message




**Example**

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

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

If you want to respond using a predefined message, touch the message for auto reply ①.

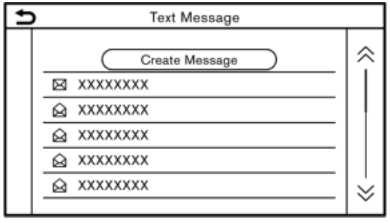
The text message for auto reply can be edited.

☞ "Phone settings" (page 4-11)

**INFO:**

- Replying to text messages may not be supported by all phones. Please check your phone's owner's manual for details.
- Depending on the cellular phone, the notification display setting may need to be activated on the cellular phone.
- Whether to read or ignore the message can be selected operating the switch on the steering wheel. Push **<** **>** to read the message. Push and hold **<** **>** to ignore the message.

## Displaying received message list

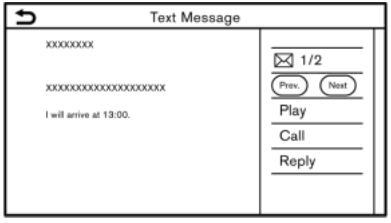



1. Touch [Phone] on the Launch Bar.
2. Touch [Text Message].
3. Touch an item on the list to read or reply to the message.

**INFO:**

- Up to 100 messages can be stored in the message list.
- With models capable of connecting with two hands-free phones simultaneously via Bluetooth®, either of the connected phone devices can be selected for text message viewing operation when [Allow 2 Phones Simultaneously] is turned on.
  ☞ "Bluetooth® settings" (page 1-18)

## 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:**

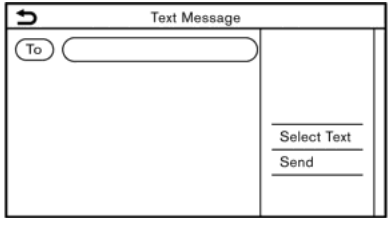
- [Prev.]:
  Touch to read the previous message.
- [Next]:
  Touch to read the next message.
- [Play]/[Stop]:
  Touch [Play] to have the hands-free phone system read out the received message. Touch [Stop] to stop reading.
- [Call]:
  If the sender of the message is registered in the Phonebook, touch this icon to make a call to the sender.
- [Reply]:
  A reply message can be selected from the template.
  ☞ "Sending a text message" (page 4-9)

**INFO:**

- Available keys may vary depending on the situations and models.
- If the sender's name and phone number are registered in the Phonebook, the name of the sender is displayed when a message is received.
- To adjust the message reading voice volume, push **< >** on the steering wheel or turn **<VOL/ >**.

## Sending a text message

This function may not be supported depending on the cellular phone.



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

**INFO:**

With models capable of connecting with two hands-free phones simultaneously via Bluetooth®, either of the connected phone devices can be selected for text message sending operation when [Allow 2 Phones Simultaneously] is turned on.
☞ "Bluetooth® settings" (page 1-18)

The following items are available.

| **Available item** | | **Action** |
|---|---|---|
| [To] | [Enter Number by Keypad] | Enter the phone number of the recipient using the keypad. Touch [OK] to confirm. |
| | [Quick Dial] | Select a recipient from the Quick Dial list. |
| | [Phonebook] | Select a recipient from the Phonebook. |
| | [Call History] | Select a recipient/phone number from call history. |
| [Select Text] | [Fixed] | Touch to display a list of fixed text messages. |
| | [Customized] | 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 settings" (page 4-11) |
| [Send] | | Touch to send the message. |

## PHONE AND TEXT MESSAGE SETTINGS

### Phone settings

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

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

Available setting items may vary depending on models, specifications and software versions.

**Available setting items**

| **Setting item** | | **Action** |
|---|---|---|
| [Connections] | | Displays the Connections screen. Phone connection, selection, deletion and other features are available. ☞ "Connections settings" (page 1-17) |
| [Quick Dial] | [Edit] | Entries in the Quick Dial can be edited. Touch [Add New] to register a new entry. ☞ "Quick Dial" (page 4-12) |
| | [Delete All] | Deletes all of the phone numbers in the Quick Dial. |
| [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. |
| | [Auto Downloaded] | Turns on/off automatic downloading of the phonebook from the connected cellular phone. |
| | [Sort Phonebook by] | Changes the sorted order of contacts in the phonebook. |

| | | |
|---|---|---|
| [Text Message] | [Text Message] | Turns the text messaging 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 on/off the automatic text message reply function. |
| | [Auto Reply Text Message] | Selects the text message to be used for the automatic reply function. |
| | [Edit Custom Text] | Creates or edits a customized text message reply. |
| [Notifications] | [Driver Only] | When this item is turned on, incoming call notification is displayed only in the vehicle information display. |
| | [Vehicle Ringtone] | Turns the vehicle ringtone on/off. |
| [Automatic Hold] | | When this item is turned on, an incoming call will be put on hold automatically. |

**INFO:**

The setting of [Driver Only] is unavailable while Apple CarPlay® or Android Auto is active.

## Volume settings

Volume settings can be adjusted.

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

The following volume setting items are available.

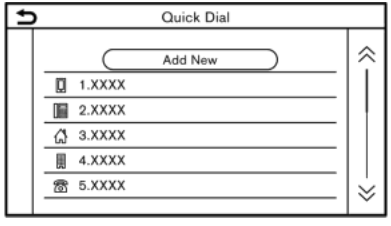
| Setting items | Action |
|---|---|
| [Ringtone] | Adjusts the volume level of the ringtone of incoming calls. |
| [Outgoing Call] | Adjusts the volume level of the outgoing calls. |

**INFO:**

The phone volume setting menus can also be accessed from the Settings screen.

☞ "System settings" (page 1-14)

## Quick Dial




Up to 20 Quick Dial entries can be registered.

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

**Registration:**

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

   **Available methods:**

   - [Copy from Call History]:

     A phone number can be selected from [All], [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 cellular phone support.

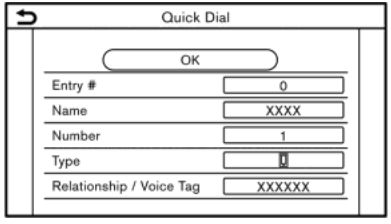
6. When a phone number has been selected, the registration screen is displayed. Enter the phone number and edit the entry information as necessary.
7. Touch [OK] to save the entry.

**INFO:**

- Quick Dial entries can also be registered by touching [Settings] on the Launch Bar and then selecting [Phone].
  ☞ "Phone settings" (page 4-11)
- With models capable of connecting with two hands-free phones simultaneously via Bluetooth®, either of the connected phone devices can be selected for dialing operation when [Allow 2 Phones Simultaneously] is turned on.
  ☞ "Bluetooth® settings" (page 1-18)

**Voice Tag:**

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




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

- Select a preferred relationship from the list.
- Touch [Customize] and touch [Record] to register your original voice tag.

**INFO:**

- Touch [Play] to play the recorded voice tag.
- Touch [Delete] to delete the voice tag.

**MEMO**

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## INFORMATION MENU

### BASIC INFORMATION

The information screen sets or displays various information that is helpful for using the vehicle.

**Example**

Push **<MENU>** and then touch [Info] on the Launch Bar to display the Information menu.

Available items may vary depending on models, specifications and software versions.

Items displayed on the screen may not function depending on various conditions.

| **Menu item** | **Action** |
|---|---|
| [EV Info] | Display the EV Info menu screen.<br>☞ "EV Info menu screen" (page 2-2) |
| [NissanConnect EV & Services] | Displays the NissanConnect® EV and Services menu screen.<br>☞ "NissanConnect® EV and Services powered by SiriusXM®" (page 5-7) |
| [SXM Weather] | Displays the SiriusXM® Weather screen.<br>☞ "Using SiriusXM® Travel Link" (page 5-21) |
| [SXM Traffic]/[Premium Traffic] | Displays the Traffic Information screen.<br>☞ "Viewing traffic information" (page 6-44) |
| [SXM Sports Scores] | Displays the SiriusXM® Sports screen.<br>☞ "Using SiriusXM® Travel Link" (page 5-21) |

| Menu item | | Action |
|---|---|---|
| [SXM Stocks] | | Displays the SiriusXM® Stocks screen.<br>☞ "Using SiriusXM® Travel Link" (page 5-21) |
| [SXM Parking] | | Displays the SiriusXM® Parking screen.<br>☞ "Using SiriusXM® Travel Link" (page 5-21) |
| [SXM Movie Listings] | | Displays the SiriusXM® Movie Listings screen.<br>☞ "Using SiriusXM® Travel Link" (page 5-21) |
| [Where Am I?] | | The name and distance of the next/previous street, and other information that indicates the current vehicle location are displayed. GPS latitude and longitude are shown on the bottom right. |
| [TomTom Weather] | [Current Conditions] | Current, hourly or 5-day weather information is displayed. Weather information for nearby location, near the destination and your preferred city set as a Favorite City can be confirmed. Current, hourly or 5-day weather information can be changed by touching [Current], [Hourly] or [5–Day]. Nearby location, near the destination and your preferred city can be changed by touching [Nearby], [Near Dest.] or [Favorite City]. Favorite city can be changed by touching [Change City]. |
| | [Hourly Weather Forecast] | |
| | [5-Day Weather Forecast] | |
| | [Communication Settings] | Turns the TomTom weather data transmission on/off. |
| [System Information] | [Software Version]/[Version Information] | Displays the information of the Software Version, etc. |
| | [Software Update] | The system software can be updated.<br>☞ "Updating system software" (page 5-5) |
| | [Map Update] | The map data can be updated.<br>☞ "How to update map data" (page 6-64) |
| | [SXM Information] | Displays the SiriusXM® information.<br>The signal quality, subscription status and SiriusXM® radio ID, etc. are displayed. |
| | [License Information (OSS)]/[License Information] | Displays the Open Source Software (OSS) licenses information. |

| Menu item | | Action |
|---|---|---|
| [GPS Position] | | Displays GPS information, such as number of satellites, latitude/longitude, and approximate altitude, etc. |
| [Vehicle Data Transmission] | | When [OK] is touched, data transmission to NISSAN is enabled. Touching [Decline] disables the NissanConnect® EV and Services, Premium Traffic, Online Search, etc. |
| [Apps] | [Apple CarPlay] | Displays the Apple CarPlay® screen. ☞ "Apple CarPlay®" (page 5-23) |
| | [Android Auto] | Displays the Android Auto screen. ☞ "Android Auto™" (page 5-25) |

**INFO:**

A SiriusXM® Travel Link (if so equipped) or SiriusXM Traffic™ (if so equipped) subscription is necessary to receive SiriusXM® information services.

## UPDATING SYSTEM SOFTWARE (if so equipped)

### Basic information

**WARNING**

**TO AVOID RISK OF DEATH OR SERIOUS PERSONAL INJURY WHEN UPDATING THE SYSTEM SOFTWARE:**

**If you choose to park the vehicle within range of a Wi-Fi connection, park the vehicle in a secure and safe location.**

1. **Apply the parking brake.**
2. **Remain with the vehicle while the update is in process.**
3. **Do not allow children, pets or people who may need assistance to remain in the vehicle while the software is updating.**

**NOTE:**

- **The vehicle is not required to be parked during the software update process. If the vehicle disconnects from the Wi-Fi connection, it will resume when the vehicle reconnects to a known Wi-Fi connection.**
- **You will be charged separately when the network communication is made via smartphones.**
- **The download data size of software updates can vary between 80 MB and 300 MB. If you use your smartphone as a Wi-Fi connection, you may incur data charges from your phone carrier. Please connect to a secure WPA2 Wi-Fi network to avoid potential phone carrier data charges.**

The system software can be updated from the pop-up screen which can be displayed automatically according to your preferred setting, or it can be updated manually from the system menu without receiving the initial prompts.

To set the update method to your preferred setting, perform the following procedure.

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar and then touch [System Information].
3. Touch [Software Update].
4. Touch [Update Method] and then select a preferred setting.

### How to update from the pop-up screen

When both of the following conditions are met, the system informs the driver with a pop-up on the screen when system software update is available.

- [Auto] is selected under [Update Method].
- The system is connected to Wi-Fi network.
  ☞ "Wi-Fi Setting" (page 1-19)

1. When the pop-up appears and prompts the driver to perform the system software update, operate the system according to the guides shown on the screen to download the updates. Another pop-up will appear when downloading is complete.
2. After the system software update is complete, place the power switch in the OFF position and leave the system for 20 minutes without operating the switches on the control panel and the steering wheel. Place the power switch in the ON position and the updated software will be available.

**INFO:**

The update may not be reflected if the power switch is placed back in the ON position before the 20-minute period has passed.

## How to update from the system menu

**WARNING**

**To operate the system for software update, first park the vehicle in a safe location.**

System software updates can be downloaded manually via Wi-Fi from the system menu.

1. Connect the vehicle to a Wi-Fi network. ☞ "Wi-Fi Setting" (page 1-19)
2. Push **<MENU>**.
3. Touch [Info] on the Launch Bar and then touch [System Information].
4. Touch [Software Update].
5. Touch [Start Software Update]. The current software version and date of last check are displayed.

**INFO:**

Touch [Check for an Update] to check available updates manually.

6. Touch [Download] to start downloading and updating the system software.

   When a pop-up message appears, operate the system according to the guides.
7. After the system software update is complete, place the power switch in the OFF position and leave the system for 20 minutes without operating the switches on the control panel and the steering wheel. Place the power switch in the ON position and the updated software will be available.

**INFO:**

- The update may not be reflected if the power switch is placed back in the ON position before the 20-minute period has passed.
- The following indicators are displayed on the top of the screen while the software is being downloaded or updated.

  : Downloading

  : Updating
- You will be charged separately when the internet communication is made via smartphones. Consult your communication companies regarding the communication fee.
- The download data size of software updates can vary between 80 MB and 300 MB. If you use your smartphone as a Wi-Fi connection, you may incur data charges from your phone carrier. Please connect to a secure WPA2 Wi-Fi network to avoid potential phone carrier data charges.
- [Save Version Information to USB Device] is not available on this system.

## NISSANCONNECT® EV AND SERVICES POWERED BY SiriusXM® (if so equipped)

### SUBSCRIPTION TO NISSANCONNECT® EV AND SERVICES

It is necessary to subscribe to NissanConnect® EV and Services in order to use NissanConnect® EV and Services. To activate NissanConnect® EV and Services, you can enroll via the NissanConnect® EV & Services app, NissanConnect® Website, or by contacting a NISSAN certified LEAF dealer.

NissanConnect® EV and Services are offered by SiriusXM® or other third party vendors in accordance with the terms and conditions and the privacy policies outlined in a Subscription Agreement.

### LEGAL DISCLAIMER

Feature availability is dependent on vehicle model, trim level, packaging and options. Trial included with vehicle purchase. Compatible connected device and wireless network may be required. Only use services/features and device when safe and legal to do so. Subject to GPS and wireless network availability and connection, and system/technology limitations. Text rates/data usage/subscription may apply. Some services and features are provided by and dependent on third party service providers and not Nissan and may be discontinued at any time. Trial periods and feature availability may be subject to change at any time and may be subject to early termination without notice. For more information, see dealer, owner's manual, or www.NissanUSA.com/connect/important-information. NissanConnect with WiFi terms and conditions of subscriber agreement apply. Included with vehicle purchase 1 GB or 30 Day Trial on equipped new Nissan vehicles. If your Vehicle is outside the scope of the initial roadside assistance plan included with the purchase of your Vehicle that applies for a period of 36 months or 36,000 miles you will be responsible to the Service Provider for any additional charges incurred by receiving services.

### NISSANCONNECT® EV AND SERVICES FEATURES

#### Basic information

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

**WARNING**

- **Radio waves could adversely affect electric medical equipment. Individuals who use a pacemaker should contact the device manufacturer regarding any possible effects before using the system.**
- **The TCU (Telematics Control Unit) antenna is located inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may adversely affect the operation of the pacemaker while using the NissanConnect® EV and Services.**
- **Please note that the Automatic Collision Notification (ACN) service and Emergency Calling function cannot be used in the following conditions:**
  - **The vehicle moves outside the NissanConnect® EV and Services area and connection with the**

**TCU (Telematics Control Unit) is affected.**

**— The vehicle is in a location with poor signal reception such as a tunnel, underground parking, behind a building or in a mountainous area.**

- **It may not be possible to make an emergency call depending on the severity of a collision and/or emergency.**
- **Emergency functions and services will not be available without a paid subscription to NissanConnect® EV and Services.**
- **The Automatic Collision Notification (ACN) service may not function properly depending on the severity of a collision and/or emergency.**

**INFO:**

- NissanConnect® EV and Services features are dependent upon subscription enrollment and the telematics device being in operative condition, cellular connectivity, navigation map data and GPS satellite signal reception. Terms and conditions of the NissanConnect® EV and Services Subscription Agreement apply.
- Enrollment is required in order to receive NissanConnect® EV and Services. The services that can be received vary depending on the plan in which you are enrolled.
- Trial period includes beginning on the date of purchase, however you must still be enrolled and activated to use services.
- After the trial period, you must enroll in a paid subscription for NissanConnect® EV and Services to continue using the features. The services that can be received vary depending on the plan to which you subscribe.
- Laws in some jurisdictions may restrict the use of "Text-to-Speech". Check local regulations before using this feature.

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

**NissanConnect® Website:**

For U.S.

www.nissanusa.com/connect

For Canada

http://www.nissan.ca/nissanconnect (English)

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

**NissanConnect® Support line:**

1-855-426-6628

- **Remote Battery Status Check:**
  The status of the Li-ion battery can be checked using your personal computer or smartphone even if you are not in the vehicle.
- **Unplugged Status, Charge Complete Notification:**
  By registering frequently used charging stations, notifications can be sent to your personal computer or smartphone e-mail address to inform you when the charging connector is disconnected at those locations or charging is completed.

- **Remote Start Charge, Remote Climate Control:**
  Remote activation of Li-ion battery charging or climate control can be set using your personal computer or smartphone.
- **My Car Finder:**
  Location of your vehicle can be checked on your personal computer or smartphone.
- **Driving History:**
  Driving history can be checked on your personal computer or smartphone.
- **Check Cabin Temperature:**
  The temperature inside your vehicle can be checked on your personal computer or smartphone.
- **Set Cabin Temperature:**
  The temperature setting of the remote climate control can be changed on your personal computer or smartphone.
- **Emergency Calling:**
  The Emergency Calling feature provides emergency assistance by connecting to a Response Specialist. In the event of an emergency, push the in-vehicle Emergency Call (SOS) button to use this feature. The Response Specialist provides various assistance depending on the situation.
  For details of the Emergency Call (SOS) button operation, refer to the LEAF Owner's Manual.
- **Automatic Collision Notification (ACN):**
  The TCU (Telematics Control Unit) generates a signal automatically to the NissanConnect® EV and Services Response Center in the case of an accident severe enough to trigger one of the vehicle's air bags. Upon the signal, a Response Specialist receives the vehicle location and customer information and notifies the proper authorities in accordance with established policies and procedures.
- **Curfew Alert:**
  Customers can set time interval for acceptable and unacceptable operation of the vehicle via NissanConnect® Website and NissanConnect® EV & Services app. If the time restrictions are violated, the customer will be automatically notified.
- **Remote Door Lock/Unlock:**
  The Remote Door Lock/Unlock feature allows the customer to access the vehicle remotely from the NissanConnect® Website or NissanConnect® EV & Services app to send lock or unlock commands to the vehicle.
- **Remote Horn & Lights:**
  Customers can activate the vehicle's headlights and horn via the NissanConnect® Website or NissanConnect® EV & Services app.
- **Alarm Notification:**
  Customers will be notified if the vehicle alarm system is activated based on their notification preferences.
- **Boundary Alert:**
  Customers can set an area for the vehicle to stay in or out of via the NissanConnect® Website or NissanConnect® EV & Services app. Customers will be notified when vehicle is out-of-bounds based on their notification preferences.
- **Maintenance Alert/Reminder:**
  The center sends maintenance and other relevant info. to registered e-mail address (PC/Mobile) based on the vehicle information (e.g. driving mileage and etc.) sent at the center access timing. Details of vehicle information are separately examined.

- **Stolen Vehicle Locator:**
  In the event that the customer's vehicle is stolen, after filing a police report the customer can contact NissanConnect® EV and Services Response Center via phone and report the vehicle stolen. At that point, NissanConnect® EV and Services emergency support staff will work with authorities to attempt to recover the vehicle.
- **Valet Alert:**
  Customers will be notified if their vehicle is driven more than 0.2 miles (0.4 km) once they activate Valet Alert via the NissanConnect® Website or NissanConnect® EV & Services app.
- **Roadside Assistance Service:**
  Enhanced Roadside Assistance allows you to receive assistance from the Roadside Response Specialist for a non-emergency incident that requires a towing or third-party response service. The service can be accessed by touching [Call Nissan Assistance] or [🎧] on the map screen.
  ☞ "Connecting to Interactive Voice Menu" (page 5-13)
  Roadside Assistance may also be used in conjunction with the Emergency Assistance service, if warranted.
  For details of the Emergency Call (SOS) button which is used for the Emergency Assistance service, refer to the LEAF Owner's Manual.
- **Speed Alert:**
  Speed Alert allows you to monitor the speed of your vehicle by receiving alerts. You can set the maximum speed via the NissanConnect® Website, and if your vehicle exceeds the specified speed threshold, you will receive a notification via the chosen method. You can also query the NissanConnect® Website to view a listing of Speed Alert notifications.

**NOTE:**

- **Completing the NissanConnect® EV and Services registration is necessary before using this service.**
- **To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smartphone or personal computer, the following conditions must be met:**
  - **The vehicle must be located in a smartphone coverage area.**
  - **The internet enabled smartphone must be located in a smartphone coverage area.**
  - **The computer must be connected to the internet.**
  - **A smartphone capable of text messaging must be used to receive text message regarding vehicle charge status.**
- **When the charge connector is disconnected from the vehicle, the heater and air conditioner operates using vehicle Li-ion battery electric power.**
- **If the remote heater and air conditioner function and Li-ion battery charging are performed at the same time, Li-ion battery charging will take longer than usual due to the power used to heat or cool the vehicle.**
- **Certain remote functions require a compatible smartphone, which is not included with vehicle.**
- **NissanConnect® EV and Services features are included through a subscription service which requires owner consent to activate. The subscription must be active to use these features.**
- **NissanConnect® EV and Services communications may be received at a verified e-mail address or by SMS/**

**text messaging-enabled smartphone.**

- **Standard text rates and/or data usage may apply depending on your carrier.**

## Notice to Bluetooth® Hands-Free Phone users

The Bluetooth® Hands-Free Phone System will be disabled and not be able to take phone calls while the vehicle is connected to the NissanConnect® EV and Services Response Specialists or the emergency support staff at the NissanConnect® Service Response Center. This is to avoid various services by NissanConnect® EV and Services Response Specialists (such as Assisted Search) and NissanConnect® EV and Services emergency support staff being interrupted by incoming calls. Incoming phone calls received while the vehicle is connected to the Service Center will not be listed in the call history of the Bluetooth® Hands-Free Phone System. However those incoming calls may be listed in the call history of your cellular phone, depending on its capabilities. After disconnecting communication with the NissanConnect® EV and Services Response Specialist or NissanConnect® EV and Services emergency support staff, check the incoming call history on your cellular phone when it is safe to do so.

## Service application

A separately purchased NissanConnect® EV and Services subscription is required. For more details, refer to the NissanConnect® Website or contact the NissanConnect® Support line.

**NissanConnect® Website:**

For U.S.

www.nissanusa.com/connect

For Canada

http://www.nissan.ca/nissanconnect (English)

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

**NissanConnect® Support line:**

1-855-426-6628

**INFO:**

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

## Operating tips

**WARNING**

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

- Do not use NissanConnect® EV and Services with the EV system stopped. Doing so may discharge the vehicle battery.
- NissanConnect® EV and Services cannot be used under the following conditions:
  - NissanConnect® EV and Services subscription has expired.
  - The vehicle is outside the area where the cellular network service

is receivable.

— The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.

— The line is busy.

— The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.

— The NissanConnect® EV and Services network system is disabled.

- Information Feeds download cannot be used when the vehicle is connected to the NissanConnect® EV and Services Data Center and NissanConnect® EV and Services Response Center.
- Communication with the NissanConnect® EV and Services Data Center is related to the data communication mode and may cause occasional difficulty in receiving signals, and the signal receivable area may be limited compared to regular smartphone.
- You may hear clicks or experience interruptions while speaking with the NissanConnect® EV and Services Response Specialists. This is due to a shift in the connection zone and is not a malfunction.
- Depending on the line used, the sound volume may decrease. Adjust the volume as necessary.
- Received sounds may be distorted or ambient noise may sound like voices of a crowd. This is due to the use of the digital line and is not a malfunction.
- You may hear your own voice from the speaker when talking with the NissanConnect® EV and Services Response Specialists due to a network disturbance. When this occurs, reconnect the line after a few minutes or at a different location.
- This vehicle incorporates a communication device that is called TCU (Telematics Control Unit). The communication connection between this unit and the NissanConnect® EV and Services Data Center allows for various services. When the system connects to the NissanConnect® EV and Services Data Center, an antenna icon will appear in the upper right corner of the screen. Use the service in a location where the symbol representing good signal reception appears on the screen.

  : When the signal reception is good.

  : When the signal reception is bad.
- NissanConnect® EV and Services uses the TCU (Telematics Control Unit). Even if the signal strength bar of the in-vehicle data communication module indicates good reception, connection to the NissanConnect® EV and Services Data Center may be disabled. This does not indicate a malfunction. Operate the system again after a few minutes.

## NISSANCONNECT® EV AND SERVICES MENUS

### Basic information

With NissanConnect® EV and Services, various information can be received and displayed on the screen. The information can also be announced by the system.

1. Push **<MENU>** and then touch [Info] on the Launch Bar.
2. Touch [NissanConnect EV & Services].
3. Select an item from the NissanConnect® EV and Services menu screens.

| Available items | Content |
|---|---|
| [Call Nissan Assistance] | The system connects to the NissanConnect® EV and Services Data Center. Various services to support your driving are available via the Interactive Voice Menu. ☞ "Connecting to Interactive Voice Menu" (page 5-13) |
| [Favorite Feeds] | Favorite feeds selected from the information feeds can be stored in a folder. ☞ "Storing favorites" (page 5-14) |
| [All Information Feeds] | Information feeds can be selected and viewed. ☞ "Viewing information feeds" (page 5-14) |
| [History] | The information feeds that were referred to previously can be displayed. ☞ "Viewing NissanConnect® EV and Services records" (page 5-15) |
| [NissanConnect EV & Services Settings] | NissanConnect® EV and Services settings can be changed. ☞ "NissanConnect® EV and Services settings" (page 5-16) |

## Connecting to Interactive Voice Menu

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

**NissanConnect® Website:**

For U.S.

www.nissanusa.com/connect

For Canada

http://www.nissan.ca/nissanconnect (English)

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

**NissanConnect® Support line:**

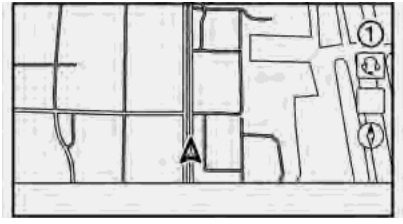
1-855-426-6628

1. Push **<MENU>** and touch [Info] on the Launch Bar.
2. Touch [NissanConnect EV & Services].
3. Touch [Call Nissan Assistance].
4. The system connects to the NissanConnect® EV and Services center and menu options will be announced. Speak your preferred option.
   - Destination Assistance

     Set a destination using an Interactive operator system.
   - Roadside Assistance

     Connect to the Roadside Response Specialist.
   - Valet Alert

     Turns on the Valet Alert function and monitors the vehicle movement within a certain range.



**INFO:**

- You can also connect to the NissanConnect® EV and Services Interactive Voice Menu by touching [ ] ① on the map.
- After selecting [Call Nissan Assistance], it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- To avoid disconnecting the line, do not turn off the EV system.

## Storing favorites

Favorite feeds selected from the information feeds can be stored in a folder.

1. Push **<MENU>** and touch [Info] on the Launch Bar.
2. Touch [NissanConnect EV & Services].
3. Touch [Favorite Feeds].
4. Touch [Add New]. A folder list is displayed.
5. Touch the preferred folder from the list. An information feed list is displayed.
6. Touch a favorite feed to be stored.
7. Check the contents of the message, then touch [Yes]. When the contents of the information are sent to the NissanConnect® EV and Services Data Center, the registration is completed.

**INFO:**

- The contents that are entered in the favorites folder need to be transmitted to the NissanConnect® EV and Services Data Center. Registration of the contents is not completed until the data is transmitted to the NissanConnect® EV and Services Data Center.
- A message is displayed if communication is interrupted while downloading information. Touch [Yes] to restart the download.

## Viewing information feeds

Contents of the various NissanConnect® EV and Services information can be downloaded.

1. Push **<MENU>** and touch [Info] on the Launch Bar.
2. Touch [NissanConnect EV & Services].
3. Touch [All Information Feeds]. A list screen is displayed.
4. Touch a preferred folder. A list of information feeds is displayed. The content is announced by the system (Text-to-Speech) while the vehicle is being driven, or if parked, you can read the content on the display.

**INFO:**

- Touch [Menu] during communication with the NissanConnect® EV and Services Data Center to cancel the connection.
- A message is displayed when the communication is disconnected while downloading information due to a poor communication status. Select [Yes] to restart the download.
- Laws in some jurisdictions may restrict the use of “Text-to-Speech”. Check local regulations before using this

feature.

- Some terminology such as personal names, place names, special terms, symbols, etc. may not be announced correctly. This is not a malfunction.
- The system will pause announcements when interrupted by the voice guidance given by the navigation system. When the voice guidance finishes, the system will restart the announcement.
- The volume can be adjusted when the system announces the information.
  ☞ "Volume and Beeps settings" (page 1-21)
- The selected content is read out while the vehicle is being driven, or if parked, you can read the content on the display.
- Content settings can be made using the NissanConnect® Website. For more details, refer to the NissanConnect® Website or contact the NissanConnect® Support line.

  **NissanConnect® Website:**

  For U.S.

  www.nissanusa.com/connect

  For Canada

  http://www.nissan.ca/nissanconnect (English)

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

  **NissanConnect® Support line:**

  1-855-426-6628

## Viewing NissanConnect® EV and Services records

The information feeds that were referred to previously are displayed. A maximum of 3 feeds can be stored in the history.

1. Push **<MENU>** and touch [Info] on the Launch Bar.
2. Touch [NissanConnect EV & Services].
3. Touch [History]. An Information feed list is displayed.

**INFO:**

- When the number of feeds stored in the history reaches the limit, the system deletes the oldest feed and saves a new feed.
- One feed that should not be deleted can be protected. To protect history of information feeds visited, display the screen for the information feed you want to protect and after auto-play has been paused, touch [Lock Feed].

## NISSANCONNECT® EV AND SERVICES SETTINGS

The NissanConnect® EV and Services setting can be changed.

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar.
3. Touch [NissanConnect EV & Services].
4. Touch [NissanConnect EV & Services Settings].

**INFO:**

[NissanConnect EV & Services] can also be accessed from [Settings] on the Launch Bar.

| **Menu** | | | | **Action** |
|---|---|---|---|---|
| [Charging Messages] | | | | Sends a notification to a preset e-mail address. This notification includes the charge connector status and the charge completion. To receive a notification to your personal computer or smartphone, an e-mail address should be set beforehand. For details, access the NissanConnect® Website. |
| | [Saved locations for Unplugged Messages] | [Add New] | | Touch to add a regularly used charging station to receive unplugged charging connector notification messages. |
| | | Location list | [Edit] | Changes the registered name of a stored location. |
| | | | [Move Location] | Adjusts the location of the stored location. |
| | | | [Delete] | Deletes the stored address. |
| | | | [OK] | Applies the settings. |

| Menu | | Action |
|---|---|---|
| | [Delay for Unplugged Messages] | This confirms the charge connector status at the set checking time. If the charge connector is then disconnected, a notification is sent to the preset e-mail address.<br>Select from [5 min], [10 min], [15 min], [30 min] and [1 hour]. |
| | [Send unplugged status to Data Center] | With this item turned on, the system recognizes that the charge connector is not connected to the vehicle even though the charge timer function is set, the system transmits this information to the NissanConnect® EV and Services Data Center. When the NissanConnect® EV and Services Data Center receives the information, it will send an e-mail to the specified address to inform you of the charge connector status. |
| | [Send Charging Status to Data Center] | With this item turned on, if Li-ion battery charging is interrupted before it is completed, the system recognizes this and transmits this information to the NissanConnect® EV and Services Data Center. When the NissanConnect® EV and Services Data Center receives the information, it will send an e-mail to the specified address to inform you of the Li-ion battery charge status. |
| | [Delete Saved Locations & Reset Message Settings] | Saved locations for charging messages will be deleted and charging messages settings will set to the factory default settings. |
| [Service Reminders] | | The information that is sent from the NissanConnect® EV and Services Data Center is displayed. |

| Menu | | | Action |
|---|---|---|---|
| [Information Feed Setting] | [Download Automatically] | [Select Download Interval] | Select automatic download interval from [None], [Power ON] (downloads when the power switch is in the ON position), [Every 30 min], [Every 60 min] and [Every 120 min]. |
| | | [Select Information Feed] | Select an information feed from the list to start the automatic download of the feed. |
| | [Edit Feed List] | [Add to Favorites] | A maximum of 16 favorite feeds selected from the information feeds can be stored in a folder. ☞ "Storing favorites" (page 5-14) |
| | | [Update Feed List] | Connect to the NissanConnect® EV and Services Data Center and update the information feed list. |
| | | [Initialize Feed List] | Restore the information feed list to the factory default setting. |
| | [Delete All Information Feed History] | | All information feed history will be deleted. |
| [Vehicle Data Sharing] | [Share Vehicle Information] | | Turns the vehicle information sharing function on/off. |
| | [Delete Shared Vehicle Data] | | Deletes the shared vehicle information. |
| [Unit ID Information] | | | Displays the Unit ID, TCU (Telematics Control Unit) ID, SIM ID and VIN Information necessary for user registration. |
| [Reset all NissanConnect Svcs. Settings to Default] | | | All NissanConnect® EV and Services settings are returned to default. |
| [Vehicle Data Transmission Setting] | | | When [OK] is touched, data transmission to the NISSAN is enabled. Touch [Decline] to disable the NissanConnect® EV and Services, Premium Traffic, Online Search, etc. |

**INFO:**

- Notes on [Send unplugged status to Data Center]:

  Even if the notification service for the charge connector status is set, no notification is sent and no status can be checked under the following conditions.

  — The system will check the connection status of the charge connector within the period of time set, but will not check once this period of time has been exceeded. Therefore, if the charge connector is removed from the vehicle after the period of time set, a notification is not sent.

  — The charge connector status notification does not indicate the start of Li-ion battery charging.

  — No notification is sent if the vehicle is outside the communication service area.

  — The notification does not include the reason why the charge connector is disconnected.

  — If the vehicle is not used for 2 weeks, communication with the vehicle is disabled.

  — If the power switch is in the ON position, no notification is sent.

- Notes on [Send Charging Status to Data Center]:

  Even if the notification service for the charge completion is set, no notification is sent and no status can be checked under the following conditions.

  — The charge interruption notification does not always indicate the completion of Li-ion battery charging.

  — This notification does not mean that the timer charge function did not start at the time set.

  — No notification is sent if the vehicle is outside the communication service area.

  — The notification does not include the reason why the Li-ion battery charging was interrupted.

  — If the vehicle is not used for 2 weeks, communication with the vehicle is disabled.

  — If the power switch is in the ON position, no notification is sent.

## SiriusXM® TRAVEL LINK (if so equipped)

### BASIC INFORMATION

This service provides real-time information regarding current weather, parking information, sports scores, movie times and stock tickers.

It is necessary to subscribe to use the SiriusXM® Travel Link information.

The SiriusXM® Travel Link is broadcast to the vehicle by SiriusXM® Satellite Radio.

**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 (for U.S.) or www.siriusxm.ca (for Canada). SiriusXM® Travel Link is available in select markets.

For more information, refer to the SiriusXM® website or call Listener Care.

**SiriusXM® website:**

For U.S.

www.siriusxm.com/travellink

For Canada

http://www.siriusxm.ca/siriusxm-traffic-services/ (English)

http://www.siriusxm.ca/fr/services-siriusxm-traffic/ (French)

**Listener Care:**

For U.S.

1-877-447-0011

For Canada

1-877-438-9677

**INFO:**

- If a subscription is not active for SiriusXM® Travel Link, a message appears on the display and information will not be available.
- SiriusXM® Travel Link information (such as Weather, Parking, etc.) is available only for areas that the SiriusXM® provides this information.
- 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.

## USING SiriusXM® TRAVEL LINK

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar.

| **Menu item** | | **Result** |
|---|---|---|
| [SXM Weather] | [Current Conditions] | Current, hourly or 5-day weather information is displayed. Weather information for nearby location, near the destination and your preferred city set as a Favorite City can be confirmed. Favorite city can be changed by touching [Change City]. |
| | [Hourly Weather Forecast] | |
| | [5-Day Forecast] | |
| | [Graphical Map] | The weather forecast can be checked on the map. The detailed information is displayed by touching weather icons. Touch [Legend] to confirm the meaning of the color displayed, and touch [Filter] to select a type of the weather information. |
| | [Weather Alerts] | Displays the list of weather alerts. The detailed information is displayed by touching the weather alert. Touch [Voice Alert Settings] to select the information you wish to get alerts for and to set voice announcement on or off. |
| | [Alert Map] | The weather alerts can be confirmed on the map. The detailed information is displayed by touching the weather icon. Touch [Legend] to confirm the weather alerts displayed. |
| [Premium Traffic]/[SXM Traffic] | | Displays the Traffic Information screen.<br>☞ "Viewing traffic information" (page 6-44) |
| [SXM Sports Scores] | | Various sports and individual teams can be followed. Touch [Sports] and select from the list to display information such as news, scores or upcoming games. |
| [SXM Stocks] | | Stock information can be checked.<br>Touching [Add Stock] will also allow adding a favorite stock. Once a stock is added, it's price and trend can be viewed. Red indicates the stock is down and green indicates the stock is up. Touch [Delete Stock] to delete the saved stocks. Up to 20 stocks can be saved. Only supported stocks can be added. |

| Menu item | | Result |
|---|---|---|
| [SXM Parking] | | Displays a list of the nearby parking areas for the current location or destination. Touch a listed parking area for the detailed information. Touch [Save] to register in a favorite, and the list is displayed by touching [Favorite]. Touch [Go Here] to set as a destination. Touch [Delete] to delete the favorite. |
| [SXM Movie Listings] | [Favorite Theaters] | Displays a list of favorite theaters. Select the theater for detailed information. Touch [Go Here] to set as a destination. Touch [Movies] on the list to display a list of movies that are playing at the theater. When touching a movie on the list, detailed information of the movie can be checked. |
| | [Nearby Theaters] | Displays a list of nearby theaters. Select the theater for detailed information. Touch [Go Here] to set as a destination. Touch [Save] to set the theater as a favorite theater which can be listed in the Favorite Theaters. Touch [Movies] on the list to display a list of movies that are playing at the theater. When touching a movie on the list, detailed information of the movie can be checked. |
| | [Current Movies] | Displays a list of movies that are currently playing. Touch a movie from the list to display detailed information. Touch [Theaters] to display the nearby theaters that are playing the selected movie. Select the theater from the list and touch [Go Here] to set as a destination. Touch save as a favorite. Touch [Movies] on the theater list to check the movies that is playing at the theater. |
| | [Search for a Theater] | Search for a theater or movie by inputting the name of the theater or movie. |
| | [Search for a Movie] | |

## Apple CarPlay®

### BASIC INFORMATION

**WARNING**

- **Stop your vehicle in a safe location and apply the parking brake before connecting your iPhone® to the vehicle or operating your connected iPhone® for setup.**
- **If you are unable to devote full attention to vehicle operation while using Apple CarPlay®, pull off the road to a safe location and stop your vehicle.**

You can use Apple CarPlay® by connecting a compatible iPhone® to your vehicle via a USB cable.

To connect your iPhone® with the in-vehicle system, it is recommended to use the Apple Lightning™ cable (Mfi certified) that was provided with your iPhone®.

With Apple CarPlay®, your in-vehicle system can be used as a display and a controller for some of the iPhone® functions. Apple CarPlay® features Siri® which enables operations via voice controls. Visit Apple.com for information about the functions that are available and details about Apple's privacy policy.

Certain vehicle information (e.g. location and speed) may be shared with your device while Apple CarPlay® is in use. Carrier charges may apply to use Apple CarPlay®.

### COMPATIBILITY

Refer to the following Apple website for compatible devices.

https://www.apple.com/ios/carplay/

**INFO:**

- For best results, always update your device to the latest software version.
- Apple CarPlay® will take the place of your Bluetooth® audio and Bluetooth® Hands-Free Phone functionality.
- Phone menu and access to the connected phone through Voice Recognition System will be disabled while Apple CarPlay® is connected. To access your phone, use the Siri® function or select the phone icon in the Apple CarPlay® top menu screen.
- If you set a route guidance destination with Apple CarPlay®, the route setting previously set on NissanConnect® navigation system (if so equipped) will be canceled.

### Apple CarPlay® OPERATION

### Basic information

1. Connect the iPhone® to the USB connection port.
   ☞ "USB (Universal Serial Bus) connection ports" (page 1-5)
2. Depending on the setting, a Startup Information screen will appear. Touch [Yes] to use Apple CarPlay®.

**INFO:**

If you do not wish to display the Startup Information screen each time you activate Apple CarPlay®, turn on [Don't Ask Anymore] on the Startup Information screen. The Startup Information screen will not be displayed from the next Apple CarPlay® activation. The Startup Information screen can be set to appear again in the Apple CarPlay® setting menu.

☞ "Apple CarPlay® settings" (page 5-24)

3. The Apple CarPlay® screen will appear. The iPhone® functions displayed on the screen should now be operable using the in-vehicle system.

4. To exit the Apple CarPlay® screen, push the buttons such as **<MENU>** on the control panel and display the corresponding screen.

**INFO:**

- To return to the Apple CarPlay® screen, take one of the following actions.
  — Touch [CarPlay] on the Launch Bar.
  — Touch [Apps] on the information screen, and then touch [Apple CarPlay].
- When your iPhone® is locked, Apple CarPlay® can still be activated by operating the iPhone® and allowing Apple CarPlay® activation when asked.

## Siri® operation

With Siri®, some of the functions in your iPhone® can be voice controlled.

Make sure that Siri® on your iPhone® is turned on.

**Activation:**

Push and hold **<** **>** on the steering wheel to start a Siri® session.

**INFO:**

- Push **<** **>** to end Siri® operation.
- Keep the interior of the vehicle as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noises, vibration sounds, etc.), which may prevent the system from recognizing the voice commands correctly.
- For functions that can be used with Siri®, please refer to the Apple website.

## Phone operation

If you wish to use your phone with Apple CarPlay®, follow the procedure below:

1. Touch [Phone] on the Apple CarPlay® top menu.
2. Operate the screen displayed to make a call, etc.

## Apple CarPlay® SETTINGS

1. Touch [Settings] on the Launch Bar.
2. Touch [Apps].
3. **Models with navigation system:**
   Touch [Apple CarPlay].
   **Models without navigation system:**
   A list of devices is displayed. Touch [ⓘ] by the name of the Apple CarPlay® device you wish to change the setting.

Available setting items may vary depending on models, specifications and software versions.

**Available items:**

- [Enable after USB Connection]:
  The operation of Apple CarPlay® can be set when an iPhone® is connected to the in-vehicle system.
  [Always]: Activates Apple CarPlay® automatically when an iPhone® is connected to the in-vehicle system.
  [Ask]: Displays the Startup Information screen when an iPhone® is connected to the in-vehicle system.
  [Never]: Apple CarPlay® will not activate even if an iPhone® is connected to the in-vehicle system.
- [Nissan's Help for Apple CarPlay]:
  Displays helpful tips for Apple CarPlay® operation.
- [Delete]:
  Deletes registered iPhone® from the list.

**INFO:**

- Access to songs on your iPod® via in-vehicle voice recognition system will not be available when connected to Apple CarPlay®. To access to your iPod® music, use the Siri® function or select the music icon in the Apple CarPlay® top menu screen.
- Depending on the models, specifications and software versions, Apple CarPlay® settings can also be accessed from the Connections screen.
  ☞ "Apps settings" (page 1-20)

### Apple CarPlay® SYSTEM LIMITATIONS

For all features of Apple CarPlay® to operate correctly, it is necessary to have a compatible iPhone®, a cellular connection and a data plan.

When Apple CarPlay® is operating, system performance is affected by the strength of the cellular connection or performance of the phone itself. If performance of the system decreases:

- Disconnect and reconnect your phone
- Cycle phone power off/on to restart

Changing government regulations may also affect operation of Apple CarPlay®.

## Android Auto™

### BASIC INFORMATION

**WARNING**

- **Stop your vehicle in a safe location and apply the parking brake before connecting your Android™ phone to the vehicle or operating your connected Android phone for setup.**
- **If you are unable to devote full attention to vehicle operation while using Android Auto, pull off the road to a safe location and stop your vehicle.**

You can use Android Auto by connecting a compatible Android phone to your vehicle via a USB cable. It is also recommended to use the Android phone OEM cable that is compatible with your phone.

With Android Auto, your in-vehicle system can be used as a display and a controller for some of the Android phone functions. Voice control of some of the Android phone functions is also possible with Android Auto. Visit www.android.com/auto for information about the functions that are available and details about Google's privacy policy.

Certain vehicle information (e.g. location and speed) may be shared with your device while Android Auto is in use. Carrier charges may apply to use Android Auto.

### COMPATIBILITY

Refer to the following Andriod Auto website for compatible devices.

https://www.android.com/auto/

**INFO:**

- Download the Android Auto App from Google Play™ to Android phone in advance.
- For best results, always update your device to the latest Android software and Android Auto App version. When you connect the Android phone to the in-vehicle system, it will automatically update the Android software and Android Auto App version.
- Android Auto will take the place of your Bluetooth® audio and Bluetooth® Hands-Free Phone functionality.
- When setting a route with the navigation system (if so equipped), if you set a destination with Android Auto, the route setting of the navigation system will be cancelled.

- The Phone menu and access to the connected phone through the Voice Recognition System will be disabled while Android Auto is connected. To access your phone, talk to your Google Assistant or select the phone icon in the Android Auto top menu screen.

## INITIAL Android Auto SETTINGS

Before using Android Auto, the Android Auto App must be downloaded on your Android phone.

Download the Android Auto App from the Google Play™ store on your Android phone.

It may be necessary to operate the Android phone when connected first.

Depending on the selection, such as approval, some of the features of Android Auto are not available.

## Android Auto OPERATION

### Basic information

Unlock your phone's screen before connecting your Android phone.

1. Connect your Android phone to USB connection port.
   ☞ "USB (Universal Serial Bus) connection ports" (page 1-5)
2. Depending on the setting, a Startup Information screen will appear. Touch [Yes] to use Android Auto.

**INFO:**

- If you do not wish to display the Startup Information screen each time you activate Android Auto, turn on [Don't Ask Anymore] on the Startup Information screen. The Startup Information screen will not be displayed from the next Android Auto activation. The Start-up Information screen can be set to appear again in the Android Auto setting menu.
  ☞ "Android Auto settings" (page 5-27)
- If your Android phone is connected to the in-vehicle system via Bluetooth®, your phone's Bluetooth® will be turned on automatically when Android Auto is activated. Keep the Bluetooth® turned on to use the phone functions.
- Some functions of Android Auto are not available if the Bluetooth® is not connected.

3. The Android Auto top menu screen will appear. The Android phone functions displayed on the screen should now be operable using the in-vehicle system.

**INFO:**

- When pushing the buttons such as **<MENU>** on the control panel, the corresponding display to the button is displayed.
- After exiting the Android Auto screen, return to the Android Auto screen by taking one of the following actions.
  — Touch [▲] on the Launch Bar.
  — Touch [Apps] on the information screen, and then touch [Android Auto].
- While Android Auto is activated on the Android phone, the phone operations, such as making or receiving calls, can only be done with Android Auto.
- Depending on the device, an Android phone requires MTP mode to be selected in the USB transfer setting.

## Google Assistant™ operation

Some of the functions on your Android phone can be voice controlled when Android Auto is active.

**Activation:**

To start a Google Assistant session, push and hold **<** **>** on the steering wheel.

**INFO:**

- Push **<** **>** to end voice operation.
- Keep the interior of the vehicle as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noises, vibration sounds, etc.), which may prevent the system from recognizing the voice commands correctly.
- For functions that can be used with the voice operation, refer to www.android.com/auto.

## Phone operation

If you wish to use your phone while Android Auto is activated, follow the procedure below:

1. Touch [ ] on the Android Auto screen.
2. Operate the screen displayed to make a call, etc.

## Android Auto SETTINGS

1. Touch [Settings] on the Launch Bar.
2. Touch [Apps].
3. **Models with navigation system:**

   Touch [Android Auto].

   **Models without navigation system:**

   A list of devices is displayed. Touch [ ] by the name of the Android Auto device you wish to change the setting.

Available setting items may vary depending on models, specifications and software versions.

**Available items:**

- [Enable after USB Connection]:

  The operation of Android Auto can be set when the Android phone is connected to the in-vehicle system.

  [Always]: Activates Android Auto automatically when an Android phone is connected to the in-vehicle system.

  [Ask]: Displays the Android Auto Start-up Information screen when an Android phone is connected to the in-vehicle system.

  [Never]: Android Auto will not activate even if an Android phone is connected to the in-vehicle system.
- [Nissan's Help for Android Auto]:

  Displays helpful tips for Android Auto operation.
- [Delete]:

  Deletes registered Android phone from the list.

**INFO:**

Depending on the models, specifications and software versions, Android Auto settings can also be accessed from the connections screen.

☞ "Apps settings" (page 1-20)

## Android Auto SYSTEM LIMITATIONS

For all features of Android Auto to operate correctly, it is necessary to have a compatible Android phone, a cellular connection and a data plan.

When Android Auto is operating, system performance is affected by the strength of the cellular connection or performance of the phone itself. If performance of the system decreases:

- Disconnect and reconnect your phone
- Close all apps and restart them

- Cycle phone power off/on to restart

It should also be confirmed that the latest version of both Android OS and the Android Auto App are installed on the cellular phone.

Functionality of Android Auto may decrease or be lost if there are changes to operating systems, hardware, software or other technologies central to supporting the system that are outside of NISSAN's control. Changing government regulations may also affect the operation of Android Auto.

## SIRI® EYES FREE

### GENERAL INFORMATION

Apple Siri® Eyes Free personal assistant can be accessed from the vehicle. Siri® Eyes Free can be accessed in Siri® Eyes Free mode to reduce user distraction. In this mode, Siri® Eyes Free is available for interaction by voice control. After connecting a compatible Apple device by using Bluetooth®, Siri® Eyes Free can be activated by pushing and holding **<** **>** on the steering wheel.

Siri® is a trademark of Apple Inc., registered in the U.S. and other countries.

**INFO:**

- Some Siri® Eyes Free functions, such as opening apps, may not be available during driving.
- For best results, always update your device to the latest software version.
- Keep the interior of the vehicle as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noises, vibration sounds, etc.), which may prevent the system from recognizing the voice commands correctly.
- For functions that can be used in Siri® Eyes Free, please refer to the Apple website.

### REQUIREMENTS

Siri® is available on the iPhone® 4S or later. Devices released before iPhone® 4S are not supported by the Siri® Eyes Free system.

Visit www.apple.com/ios/siri for details about device compatibility.

Siri® must be enabled on the phone. Please check phone settings.

If the device has a lock screen, Siri® must be accessible from the lock screen. Please check phone settings.

### SIRI® EYES FREE ACTIVATION

Siri® Eyes Free function can be activated using **<** **>** on the steering wheel.

☞ "Control buttons and touch screen display" (page 1-2)

1. Connect a Siri® Eyes Free enabled iPhone® to the vehicle.
   ☞ "Setting Bluetooth®" (page 1-17)
2. After the Bluetooth® connection is established, push and hold **<** **>** on the steering wheel to activate the Siri® Eyes Free function.

## OPERATING SIRI® EYES FREE

1. Push and hold **<** **>** on the steering wheel.
2. Speak your command and then listen to the Siri® Eyes Free reply.

After starting Siri® Eyes Free, push **<** **>** on the steering wheel again within 5 seconds of the end of the Siri® Eyes Free announcement to extend the session.

**MEMO**

# 6 Navigation (if so equipped)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## SAFETY INFORMATION

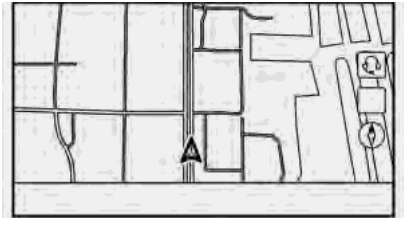
The navigation system is primarily designed to help you reach your destination. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up to date. The system is not a substitute for safe,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

## NAVIGATION SCREEN

### DISPLAYING NAVIGATION SCREEN

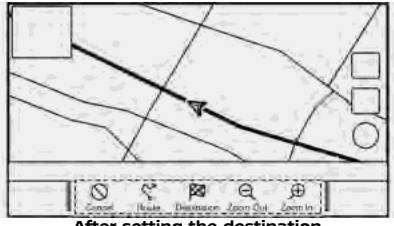


To display the current location map which can be operated, push **<MENU>** and then touch [Map] on the Launch Bar or push **<MAP>**.

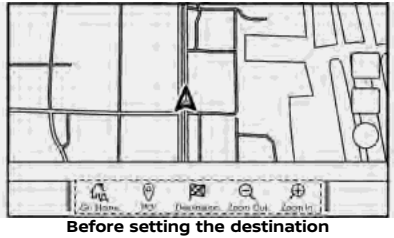
Destination settings or other navigation operations are also available from the Launch Bar.

### LAUNCH BAR

The Launch Bar related to operating the navigation system is displayed on the current location map screen. Displayed items vary depending on the route settings.



**After setting the destination**



**Before setting the destination**

| Menu item | Action |
|---|---|
| [Add Home]/[Go Home] | [Add Home]:<br>When the home location is not stored, a home location can be stored in the system.<br>☞ "Storing home or work location" (page 6-48)<br>[Go Home]:<br>When the home location is stored, sets the home location as a destination.<br>☞ "Setting home or work location as destination" (page 6-18) |
| [POI] | Searches for a Points of Interest to set as a destination.<br>☞ "Finding points of interest" (page 6-19) |
| [Destination] | Displays the destination menu.<br>☞ "Setting destination" (page 6-15) |
| [Zoom Out] | Zoom out the map.<br>☞ "Changing scale of map" (page 6-8) |
| [Zoom In] | Zoom in the map.<br>☞ "Changing scale of map" (page 6-8) |
| [Cancel] | Cancels the route guidance.<br>☞ "Canceling Route" (page 6-35) |
| [Route] | Displays the route menu screen.<br>☞ "Route menu" (page 6-32) |

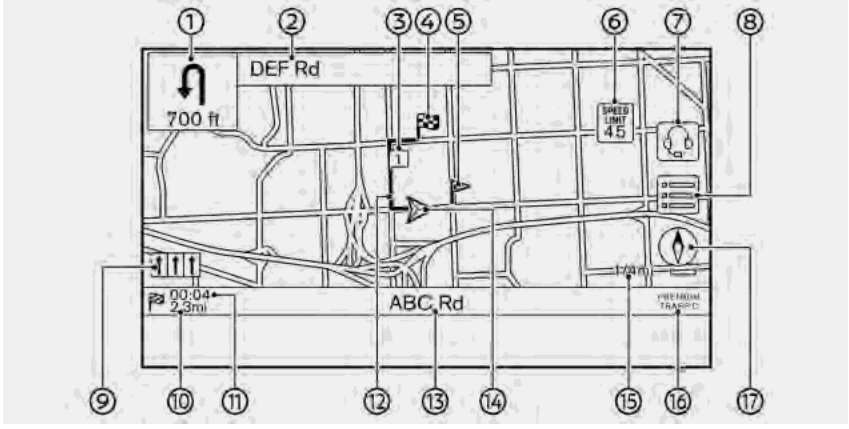
## MAP OPERATION

### MAP TYPES

Two types of map views are available: 2D and 3D.

**2D map:**

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




Screen information:

① Arrow and distance:

Indicates the distance to the next guide point and the turning direction at that guide point.

② Next street name:

Displays the next street name during the route guidance.

③ Waypoint:

Displays the location of the waypoint that the vehicle will stop by before heading to the final destination. A maximum of 20 waypoints can be set.

④ Destination:

Indicates the location of the final destination.

⑤ Stored location:

Displays the locations that are stored in the Address Book.
☞ "Storing location" (page 6-48)

The icons can be changed according to your preferences.

⑥ Speed limit icon:

Displays the speed limit of the road

which the vehicle is on.

⑦ [ ]:

Touch the icon to connect to the NissanConnect® EV and Services Interactive Voice Menu.
☞ "Connecting to Interactive Voice Menu" (page 5-13)

⑧ [ ]:

Touch to display the Map Menu.
☞ "Map Menu screen" (page 6-14)

⑨ Recommended lane indicator:

When a route is set, the arrow and the recommended driving lane may be displayed depending on the road.

Blue: First recommendation

White: Secondary recommendation

Gray: Not recommended

⑩ Remaining distance to the destination:

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

⑪ Estimated arrival time:

Indicates the estimated arrival time to the destination or the waypoint. This indicator will appear when a destination or a waypoint is set and the route guidance is started.
☞ "Guidance settings" (page 6-43)

The Estimated arrival time can be changed to the trip time.
☞ "Route Preference" (page 6-37)

⑫ Suggested route:

Appears in bold blue during route guidance.

⑬ Street name:

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

⑭ ⚠ Vehicle icon:

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

⑮ Scale indicator:

Indicates the scale of the map.

⑯ Traffic reception status indicator:

Indicates the reception condition of the traffic information.

Touch to display the traffic information screen.
☞ "Viewing traffic events from list" (page 6-46)

[PREMIUM TRAFFIC]:

Displayed when [Use Premium Traffic] is turned on and the traffic information is available.
☞ "Traffic information setting" (page 6-47)

[SiriusXM TRAFFIC]:

Displayed when [Use Premium Traffic] is turned off and the traffic information is available.
☞ "Traffic information setting" (page 6-47)

A SiriusXM Traffic™ subscription is necessary to receive SiriusXM® information services.

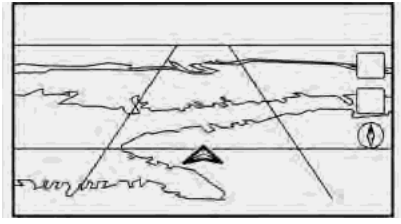
⑰ [ ]:

Indicates the directional setting of the map.

Touch to change the map view and the map orientation.
☞ "Changing map view and map orientation" (page 6-8)

**3D map:**

The 3D map displays the map from an elevated perspective. In 3D map, it is easy to recognize an image of the route because it provides a panoramic view over a long distance.

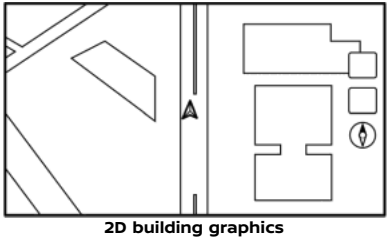


**INFO:**

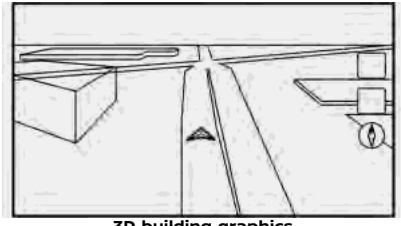
The 3D map always appears with the current forward direction facing up.

## BUILDING GRAPHICS

Building graphics are stored in the map data for certain areas, and can be displayed when the map is zoomed in.



2D building graphics



3D building graphics

**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

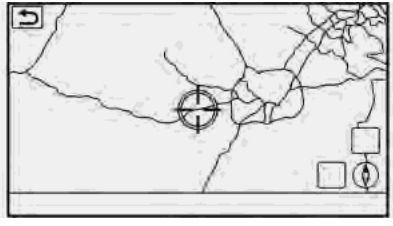
The road types are differentiated by color.

| Color | Road type |
|---|---|
| Dark red | Freeway |
| Light brown | Major road |
| Light yellow | Secondary road |
| White | Local road |

## MOVING MAP

The map can be scrolled by the touch panel operations. Map scrolling operations may be limited while driving.

**Touch:**



When a point on the map is touched, the cross pointer is displayed and the position touched is moved to the center of the screen.

After moving the map, touch [ ⮌ ] on the map screen or push **<MAP>** to display the current location map screen.

**Long touch:**

Touch the direction to move to. The map continues to scroll while the screen is touched.

**Drag:**

Drag the screen to scroll the map.

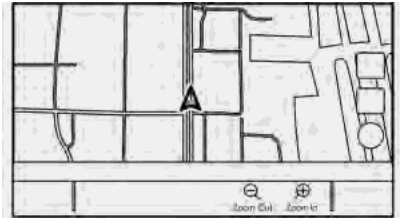
**Swipe/flick:**

Swipe or flick the screen to scroll the map

screen quickly.

## CHANGING SCALE OF MAP

### Basic information




To change the map scale, touch [Zoom Out] or [Zoom In] on the Launch Bar.

**Other operation:**

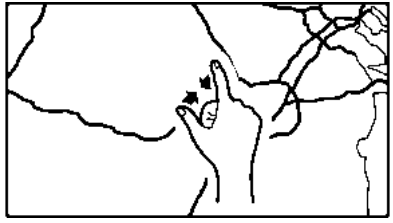
While the cross pointer is displayed, the scale bar can be displayed by touching the scale indicator on the map.

Touching [⊖] or [⊕] on the scale bar can change the map scale while the scale bar is displayed.

### Changing map scale while moving map

The map scale can also be changed by directly touching the map. Touch the map to display the cross pointer before performing the scale change.

**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:**

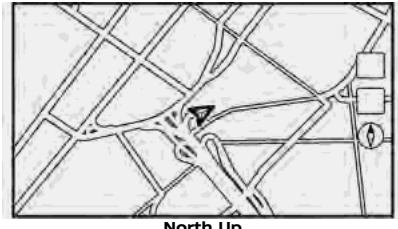
- While driving, pinch-in and pinch-out operations may be disabled.
- Depending on the map scale, traffic information icons cannot be displayed on the map screen.
  ☞ "Traffic information on map" (page 6-46)

## CHANGING MAP

### Changing map view and map orientation

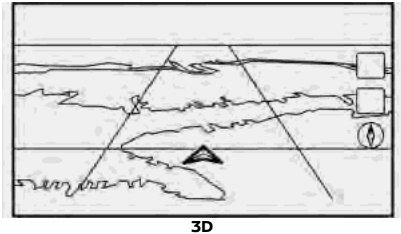
The map view and the map orientation can be changed by touching [⊕] on the map screen.

The screen will change to North Up, Heading Up and 3D each time [⊕] is touched.



**North Up**

Heading Up

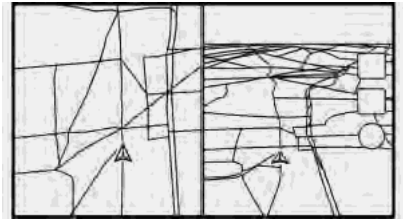

3D

**INFO:**

- You can also change the map view from the map view settings screen.
  ☞ "Map settings" (page 6-9)
- A long range map is available that displays a wider area in the direction the vehicle is moving in the Heading Up view.
  ☞ "Map settings" (page 6-9)

## Setting split screen

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



1. Touch [▤] on the map screen.
2. Touch [Map Settings].
3. Touch [Dual Map View].
4. Select [Split: 2D Map] or [Split: 3D Map].

**INFO:**

The settings on the left split map can be changed from the navigation settings menu.
☞ "Map settings" (page 6-9)

## MAP SETTINGS

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

1. Touch [▤] on the map screen.
2. Touch [Map Settings].

**INFO:**

[Map Settings] can also be accessed from [Settings] on the Launch Bar.
☞ "Navigation settings" (page 6-55)

Available setting items may vary depending on models, specifications and software versions.

| Menu item | | Action |
|---|---|---|
| [Dual Map View] | [2D Map] | Displays 2D map. |
| | [3D Map] | Displays 3D map. |
| | [Split: 2D Map] | Displays 2D map on both left and right side of the split screen. You can see the different scale and settings of 2D maps at the same time. |
| | [Split: 3D Map] | Displays 2D map on the left side and 3D map on the right side of the split screen. |
| [Left Side Info] | [Intersection] | Displays the enlarged view of the next intersection on the left side of the screen during route guidance. ☞ "Route guidance screens" (page 6-30) |
| | [Turn List] | Displays the turn list on the left side of the screen when a route is set. ☞ "Route guidance screens" (page 6-30) |
| | [Full Map] | Displays full map screen. |
| [Map Icons] | | Select the categories of POI icons to display on the map screen. ☞ "Displaying map icons" (page 6-13) |
| [Others] | [Map Orientation] | The map orientation can be selected from [North Up] or [Heading Up]. [Map Orientation] is available only when 2D map is displayed. |
| | [Long Range] | The position of the vehicle icon is located slightly lower than the center of the screen to view a wider area in the traveling direction. Long Range is available only when the map view is in [Heading Up] mode. |

| Menu item | | | Action |
|---|---|---|---|
| | [Left Split Map Settings] | [Map Orientation] | The map orientation for the left side of split screen can be selected from [North Up] or [Heading Up]. |
| | | [Long Range] | 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. Long Range Map View is available only when the left side of split screen is in [Heading Up] mode. |
| | | [Map Scale] | Sets the map scale of the left screen. |
| | [Audio Display on Map] | | Turns on/off the audio information displayed at the top of the map screen. |
| | [Map Color] | | Sets map color from Standard, Emphasize Roads, Emphasize Text and Emphasize Traffic. |
| | [Map Text Size] | [Large] | Sets the font size of the text displayed on the map screen. |
| | | [Medium] | |
| | | [Small] | |
| | [Select Text to Display on Map] | [Place Names] | Allows place, facility and road names to be displayed on the map screen. |
| | | [Facility Names] | |
| | | [Road Names] | |
| | [Map Scrolling Information] | | Information about the location, on which the center of the cross pointer is placed by scrolling on the map, can be set to be displayed. ☞ "Displaying map scrolling information" (page 6-13) |

| Menu item | | | Action |
|---|---|---|---|
| | [Tracking Dots Displayed on Map] | [Record & Show Tracking Dots on Map] | Turns the route tracking dots display on/off. |
| | | [Tracking Dot Distance] | Select the interval between tracking dots. |
| | | [Delete Track to Current Location] | Deletes the route tracking dots up to the current location. |
| | [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 displayed automatically while driving on a freeway.<br>☞ "Turn list" (page 6-31) |
| | [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. |
| [Back to Map] | | | Back to the current location map. |

## SETTING INFORMATION ON MAP

### Basic information

Some information on the map can be displayed or hidden.

### Displaying map icons

Displays map icons of certain points of interest (such as restaurants, charging stations, etc.) on the map.

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

**INFO:**

- [Map Icons] can also be accessed from [ ] on the Map screen.
- The charging station icon can be also set by performing the following procedure.

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar and then touch [EV Info].
3. Touch [EV Settings].
4. Touch [Map icons for charging stations].

- If brand icons are registered in the map data, the brand icons will be displayed on the map instead of the general map icons.

**Charging station icons:**

Charging station locations are displayed with icons below on the map.

: Normal charging station

: Quick charging station

**INFO:**

- Charging stations that are registered as open 24 hours are displayed in icons with "24" marked by the charging station icon.

  : 24 hours open normal charging station

  : 24 hours open quick charging station

- Display setting of the icons of charging stations that are currently not open can be turned on/off.

  "Unique EV function settings" (page 2-7)

### Displaying map scrolling information

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

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

   The following information items are available.

   - [Address Book Icons]
   - [Traffic 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 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.
- When the [Ⓐ] is displayed on the Pop-Up window, the destination can be set by touching it.
  Touching [ⓘ] will display the place information screen.
  On the place information screen, touch [Call] to call the selected place if the key is available.
  Touch [Go Here] to set the selected location as the destination.
- Touch [<] or [>] to scroll to the next or previous page.

## TRAFFIC INFORMATION ON MAP

Traffic information can be displayed on the map.

☞ "Traffic information on map" (page 6-46)

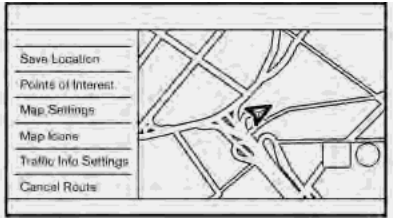
## MAP MENU SCREEN

### Basic information

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 or searching for points of interest nearby.

### Current location map screen



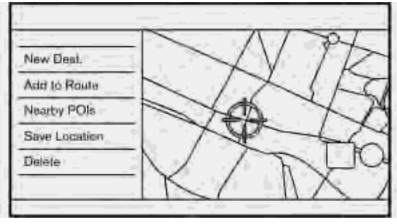

If [☰] is touched while the current location map screen is displayed, the following options are available.

- [Save Location]:
  Saves the current vehicle location in the Address Book.
  ☞ "Storing location by moving map" (page 6-49)
- [Points of Interest]:
  Searches for the Points of Interest and set as destinations.
  ☞ "Finding points of interest" (page 6-19)
- [Map Settings]:
  Map view settings can be changed.
  ☞ "Map settings" (page 6-9)
- [Map Icons]:
  The map icons can be displayed or hidden by type.

☞ "Displaying map icons" (page 6-13)

- [Traffic Info Settings]:
  Set the various functions of the traffic information.
  ☞ "Traffic information setting" (page 6-47)
- [Cancel Route]:
  Delete current destination and waypoints.
  ☞ "Canceling Route" (page 6-35)

### Scrolled location map screen




If [☰] is touched while the map is scrolled, the following options are available.

- [New Dest.]:
  Sets the map location pointed at by the cross pointer as a new destination.
  ☞ "Setting point on map" (page 6-26)
- [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 6-40)
- [Nearby POIs]:
  Searches for points of interest near the current vehicle location.
  ☞ "Finding points of interest" (page 6-19)
- [Save Location]:
  Saves the map location pointed at by the cross pointer in the Address Book.
  ☞ "Storing location by moving map" (page 6-49)
- [Delete]:
  Deletes a saved location or destination (waypoint) when the cross pointer is placed over an icon.
  ☞ "Deleting individual item on map" (page 6-54)

## SETTING DESTINATION

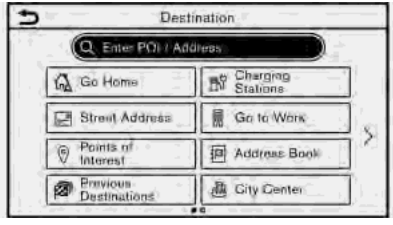
### BASIC INFORMATION

The system can provide route guidance once a destination is set.

### 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.




Push **<MAP>** and then touch [Destination] on the Launch Bar.

Availability of the destination setting methods varies depending on the models, specifications and software versions.

**Available destination setting methods:**

| Setting item | Action |
|---|---|
| [Enter POI/Address] | Searches for a destination by inputting the address or POI names.<br>☞ "Free Text Search" (page 6-17) |
| [Go Home] | Searches for a route from the current location to the previously stored home location.<br>☞ "Setting home or work location as destination" (page 6-18) |
| [Street Address] | Searches for a destination by address.<br>☞ "Finding address" (page 6-19) |
| [Points of Interest] | Searches for a destination from various POIs.<br>☞ "Finding points of interest" (page 6-19) |
| [Previous Destinations] | Searches for the destination from the previous destinations and a previous start point.<br>☞ "Searching from previous destinations" (page 6-21) |
| [Charging Stations] | Sets a destination from charging station list.<br>☞ "Finding charging station" (page 6-21) |
| [Go to Work] | Searches for a route from the current location to the previously stored work location.<br>☞ "Setting home or work location as destination" (page 6-18) |
| [Address Book] | Searches for a destination from the vehicle Address Book.<br>☞ "Searching from Address Book" (page 6-22) |
| [City Center] | Sets the center of a city as the destination.<br>☞ "Setting city center" (page 6-23) |
| [Intersection] | Sets an intersection as a destination.<br>☞ "Setting intersection" (page 6-23) |
| [Phone Number] | Searches for a point of interest by a telephone number.<br>☞ "Setting by phone number" (page 6-24) |
| [Saved Routes] | Sets a route from the saved route data.<br>☞ "Setting from saved routes" (page 6-24) |
| [SXM Travel Link] | Sets a destination by using the SiriusXM® Travel Link features.<br>☞ "Setting with SiriusXM® Travel Link" (page 6-25) |
| [By Map] | Searches for a destination by map.<br>☞ "Setting point on map" (page 6-26) |

| | |
|---|---|
| [Latitude/Longitude] | Sets a destination from latitude and longitude.<br>☞ "Setting with latitude/longitude" (page 6-26) |
| [Door to Door Navigation] | Turns on/off Door to Door Navigation.<br>☞ "Using Door to Door Navigation" (page 6-26) |

**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 6-27)
- The destination can be deleted.
  ☞ "Canceling Route" (page 6-35)

### Specifying region

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

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch the desired search method.
4. Touch [State/Province] or [City] if displayed.
5. Enter the name of the state, province or city and then touch [List]. A list screen is displayed.
6. Touch the preferred state, province or city from the list.

**INFO:**

- When the system is restarted, the state and province in which the vehicle is recognized by the GPS to be located will be set automatically as a state and province for location search.
- While entering the data, the expected words are displayed on the input screen. The list can be scrolled by touching [<] or [>].
- 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.
- 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.

## FREE TEXT SEARCH

### Basic information

A location or facility can be searched by inputting POI name or Address.

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Enter POI/Address].
4. Enter the POI name or address. After finishing the entry, touch [List]. The search results are displayed in list.

**INFO:**

- The result list can be switched between name list and address list by touching the tab on the upper part of the screen.
- While entering the facility name, the expected selections are displayed on the input screen. The list can be scrolled by touching [<] or [>].

5. The following optional functions are available by touching [Option] on the list.
   - [Online]:
     When this item is turned on, the system searches for POIs using online information if connected to Wi-Fi network.
   - [Along Route]:
     If a route is already set, the system displays only the facilities located along the route.
   - [Near Destination]:
     If a route is already set, the system displays only the facilities located near the destination.
   - [Select a City]:
     Narrow down the list by specifying the city.
   - [Near Current Location]:
     The system displays only the facilities located near the current location.
   - [Sort]:
     The list can be sorted by touching [By Distance] or [By Name].
6. Return to the search result screen and touch the preferred destination from the list.
7. The entire route is displayed. Touch [Start] to start route guidance.

## Online Search

When your vehicle is connected to a Wi-Fi network, Online Search can search the location considering the latest information via the online network.

1. Touch [Online] on the search result list.
2. The system connects to the online network.
3. The updated search result is displayed.

**INFO:**

You can also use the Online Search when a Door to Door Navigation enabled smartphone is connected to the vehicle. It may be charged separately when Door to Door Navigation is used.

## SETTING HOME OR WORK LOCATION AS DESTINATION

The home or work location can be quickly set as the destination if the location is stored in advance.

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Go Home] or [Go to Work].

**INFO:**

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

☞ "Storing home or work location" (page 6-48)

4. The entire route is displayed. Touch [Start] to start route guidance.

**INFO:**

[Go Home] can also be accessed from the Launch Bar.

**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 or work as the destination:

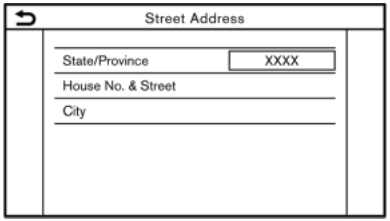
"Go Home"

"Work"

## FINDING ADDRESS

The system supports searching for a destination by address.

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Street Address].




4. Input the street address.
   - Touch [State/Province] to enter the state or province name.
   - Touch [House No. & Street] to enter the house number and the street name. If the house number is not available, touch [No House #].

     After finishing the entry, touch [List]. A list of streets is displayed.
   - Touch [City] to enter the city name.

**INFO:**

- While entering the data, the expected words are displayed on the input screen. The list can be scrolled by touching [<] or [>].
- Touch [Last 5 Cities] to display the last 5 cities set as destinations.

5. The entire route 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 search for a destination by address:

"Street Address" (if so equipped)

## FINDING POINTS OF INTEREST

### Basic information

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 Points of Interest by name

1. Push **<MAP>**.
2. Touch [POI] on the Launch Bar.
3. Touch [Spell Name]. A character input screen is displayed.

**INFO:**

When a route is set, touch [Destination] on the Launch Bar and select [Points of Interest] to select [Spell Name].

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

**INFO:**

- While entering the facility name, the expected selections are displayed on the input screen. The list can be scrolled by touching [<] or [>].
- To search for a POI with two or more words, touch [Space] to enter a space between each word.
- The latest information can be obtained by touching [Online], using an available Wi-Fi network.
  ☞ "Online Search" (page 6-18)

5. The following optional functions are available by touching [Option] on the list.
   - [Along Route]:
     If a route is already set, the system displays only the facilities located along the route.
   - [Near Destination]:
     If a route is already set, the system displays only the facilities located near the destination.
   - [Select a City]:
     Narrow down the list by specifying the city.
   - [Near Current Location]:
     The system displays only the facilities located near the current location.
   - [Sort]:
     The list can be sorted by touching [By Distance] or [By Name].
6. Return to the search result screen and touch the preferred destination facility from the list.
7. The entire route is displayed. Touch [Start] to start route guidance.

**INFO:**

After setting a destination, the location of the destination can be adjusted and the location can be saved in the Saved Location, etc.
☞ "Options before starting the route guidance" (page 6-27)

**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:

"Navigate to" (if so equipped)

## Searching Points of Interest by category

1. Push **<MAP>**.
2. Touch [POI] on the Launch Bar.
3. Touch [All Categories].
4. Touch the preferred category. The facility list is displayed.

**INFO:**

If the selected category has subcategories, a list will be displayed. Select the preferred subcategory.
The POI categories to be used frequently can be registered in the Points of Interest menu.
☞ "Customizing POIs" (page 6-21)

5. Touch [Option] to narrow down or sort the list.

6. Return to the search result screen and touch the preferred destination facility from the list.
7. The entire route 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 search for Points of Interest from category:

"POI by Category"

## Customizing POIs

The POI categories displayed in the Points of Interest menu can be customized.

1. Push **<MAP>**.
2. Touch [POI] on the Launch Bar.
3. Touch [Customize POIs].
4. Touch the item number to be modified.
5. Touch the preferred POI category. The selected POI category is displayed in the Points of Interest menu.

## SEARCHING FROM PREVIOUS DESTINATIONS

A previous destination or 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 is automatically deleted and the new destination is added.

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Previous Destinations]. A list screen is displayed.
4. Touch the previous destination or a previous start point from the list.
5. The entire route 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 commands to display the previous destinations/start point list:

"Previous Destinations"

## FINDING CHARGING STATION

The system supports searching for charging stations.

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Charging Stations]. A list of charging stations is displayed.

**INFO:**

Touch [Filter] or [Option] to narrow down, sort or refresh the list.

- Touch [Filter]:

— [Quick Charging Station Only]:

Shows charging stations with quick charger.

— [Free Only]:

Shows charging stations that are free of charge.

— [Open 24-hours]:

Shows charging stations that are open 24 hours.

— [Select Payment Type]:

Select payment method and corresponding charging stations are displayed.

- Touch [Option]:

— [Online]:

Obtains the latest information online when this item is turned on while connected to Wi-Fi network.
☞ "Wi-Fi Setting" (page 1-19)

— [Along Route]:

Displays a list of charging stations located along the route to destination.

— [Near Destination]:

Displays a list of charging stations that are near the destination, when a destination has been set.

— [Near Scroll Position]:

Displays a list of charging stations near where the map screen is scrolled to.

— [Select a City]:

Displays a list of charging stations in a selected city.

— [Near Current Location]:

Displays a list of charging stations that are near the current vehicle location.

— [Near Another Point of Interest]:

Displays a list of charging stations located near the selected POI.

4. Touch the preferred charging station from the list.
5. The entire route is displayed. Touch [Start] to start route guidance.

**NOTE:**

**Equipment that is displayed on the charging station information screen is not necessarily compatible with your LEAF. Be sure to check whether the equipment can be used with your vehicle beforehand.**

**INFO:**

Charging station search menus can also be accessed from [Nearby Stations] in the EV Info menu.
☞ "EV Info menu screen" (page 2-2)

**Voice command**

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

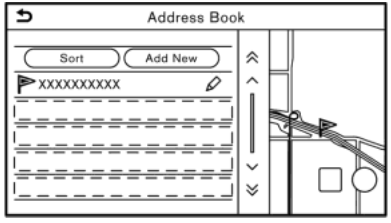
Use the following voice command to search for a destination by address:

"All Charging Stations"

## SEARCHING FROM ADDRESS BOOK

Locations frequently visited can be stored in the Address Book and reused to set destinations.
☞ "Storing location" (page 6-48)

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Address Book].




4. Touch the preferred location from the list.

**INFO:**

- Touch [Add New] to add a new location.
- Touch [✎] to edit the saved route.
☞ "Editing stored location" (page 6-50)

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

— [Sort by Number]:

The Address Book entries are displayed in ascending numerical order.

— [Sort by Name]:

The Address Book entries are displayed in alphabetic order.

— [Sort by Icon]:

By selecting a particular icon, a list that contains only the Address Book entries associated with that icon is displayed.

— [Sort by Group]:

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

5. The entire route 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 a destination from the Address Book:

"Address Book"

## SETTING CITY CENTER

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

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

**INFO:**

- While entering the data, the expected words are displayed on the input screen. The list can be scrolled by touching [<] or [>].
- Touch [Last 5 Cities] to display the last 5 cities recently set as destinations.

5. Touch the preferred destination from the list.
6. The entire route 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.

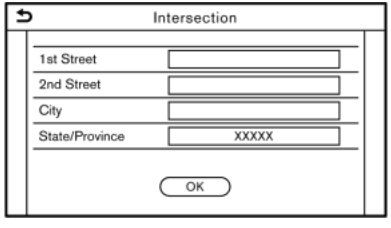
Use the following voice command to set city center as a destination:

"City Center"

## SETTING INTERSECTION

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

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Intersection]. The Intersection screen is displayed.




4. 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. Select the desired street name.
- After the first street information is entered, touch [2nd Street] to enter the second street name. After finishing the entry, touch [List]. A list screen is displayed. Select the desired street name.

5. Touch [OK].
6. The entire route 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 an intersection as a destination:

"Intersection" (if so equipped)

## SETTING BY PHONE NUMBER

If the phone number of a facility is registered in the map data, it is possible to search for a facility by entering the phone number.

**INFO:**

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

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Phone Number]. The telephone number input screen is displayed.
4. Enter the telephone number including the area code. After finishing entry, touch [OK].
5. The entire route is displayed. Touch [Start] to start route guidance.

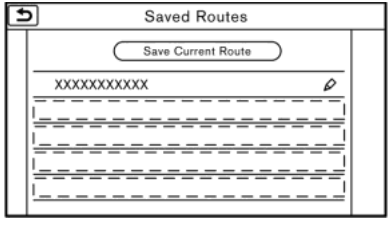
**INFO:**

If there are more than one location registered for the phone number, a list screen is displayed. Touch an item on the list to select a preferred location.

## SETTING FROM SAVED ROUTES

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

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Saved Routes]. A list screen is displayed.
4. Touch the preferred route from the list.




5. The entire route is displayed. Touch [Start] to start route guidance.

**INFO:**

- Touch [✎] to edit the saved route.
  ☞ "Editing stored route" (page 6-53)
- The saved route only includes locations (destination and waypoints) and route calculation conditions, not the route itself. Therefore, when the destination is set using a saved route, a different route may be suggested if the current vehicle location is different from the one when the route was saved.
- To save the current route, touch [Save Current Route]. A route can be saved only when it includes one or more waypoints.
  ☞ "Storing route" (page 6-49)

## SETTING WITH SiriusXM® TRAVEL LINK

### Basic information

It is possible to set the destination using the features of SiriusXM® Travel Link.
☞ "SiriusXM® Travel Link" (page 5-20)

**INFO:**

A SiriusXM® Travel Link subscription is necessary to receive SiriusXM® information services.

### Using SiriusXM® Parking

Set the preferred parking location as the destination using SiriusXM® Parking.

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [SXM Travel Link].
4. Touch [SXM Parking Information].
5. Touch the preferred parking location from the list.

   **Available lists:**

   [Favorite]:

   Displays the parking location saved as a favorite.

   [Nearby]:

   Displays the parking location near the current location.

   [Near Dest.]:

   Displays the parking location near the destination.
6. Touch [Go Here].
7. The entire route is displayed. Touch [Start] to start route guidance.

### Using SiriusXM® Movie Listings

Set the preferred theater as the destination using SiriusXM® Movie Listings.

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [SXM Travel Link].
4. Touch [SXM Movie Listings].
5. Search for the theater by the following methods.

   [Favorite Theaters]:

   Select from the list of theaters which have been saved as favorites.

   [Nearby Theaters]:

   Select from the list of theaters near the current location.

   [Current Movies]:

   Select from the list of current movies and [Theaters]. Select the preferred theater from the list to set as a destination.

   [Search for a Theater]:

   Search for the theater by inputting the name directly.

   [Search for a Movie]:

   Search for the movie by inputting the title directly.
6. Touch the preferred theater from the list.

7. Touch [Go Here].
8. The entire route is displayed. Touch [Start] to start route guidance.

## 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. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [By Map].
4. Scroll the map, place the cross pointer over the preferred location, and touch [OK].

**INFO:**

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

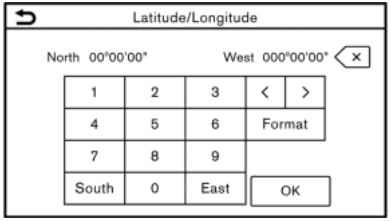
5. The entire route is displayed. Touch [Start] to start route guidance.

**Other settings**

1. Scroll the map, place the cross pointer over the preferred location, and touch [▤].
2. Touch [New Dest.].
3. The entire route is shown on the touch screen display. Touch [Start] to start route guidance.

## SETTING WITH LATITUDE/LONGITUDE

A destination can be set by specifying the latitude and longitude of the location.




1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Latitude/Longitude]. A number input screen is displayed.
4. Enter latitude and longitude of the location to be set as a destination and touch [OK].
5. The location is displayed at the center of the map. Touch [OK].
6. The entire route is displayed. Touch [Start] to start route guidance.

**INFO:**

- To switch between entering latitude and longitude, move the cursor by touching [**<**] and [**>**].
- Touch [Format] to switch the format of the latitude and longitude.
- Touch [West] or [East] to set the appropriate longitude.
- Touch [North] or [South] to set the appropriate latitude.
- A message will appear if the selected location is not included in the map area.

## USING DOOR TO DOOR NAVIGATION

The destination can be set using a companion smartphone application and transferred to the vehicle. For detailed information, see the manual in the Door to Door Navigation app.

**INFO:**

- The Door to Door Navigation app can be downloaded from the iTunes App Store or Google Play™.
- A user account is required before logging-in at the first use of the

application.

1. Push **<MAP>**.
2. Touch [Destination] on the Launch Bar.
3. Touch [Door to Door Navigation] and check that [Sync with Door to Door Navigation] is turned on.

**INFO:**

[Sync with Door to Door Navigation] can also be turned on from the navigation settings screen.
☞ "Navigation settings" (page 6-55)

4. Activate the Door to Door Navigation app on your smartphone.
5. Connect the smartphone to the vehicle via Bluetooth®.
☞ "Setting Bluetooth®" (page 1-17)

**INFO:**

When using Door to Door Navigation, turn on the Bluetooth® connection for both audio and hands-free phone on the Connections settings screen.
☞ "Connecting cellular phone/audio device" (page 1-17)

6. Select a destination using the Door to Door Navigation app on your smartphone.
Transfer the destination from the smartphone to the vehicle.

**INFO:**

If the destination cannot be transferred to the vehicle, turn off and then on the Bluetooth® connection.
☞ "Bluetooth® settings" (page 1-18)

7. A confirmation screen will be displayed. Touch [Go Here] and the position of the transferred location is displayed in the preview on the touch screen display.

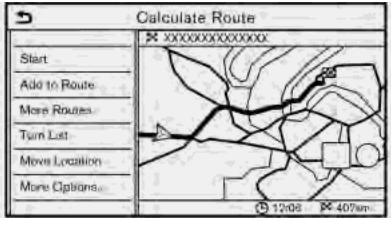
**INFO:**

- Touch [Save] to register the destination in the Address Book.
- Touch [Ignore] to cancel the transfer of the destination.

8. The entire route is displayed. Touch [Start] to start route guidance.

## 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.




- [Start]:
  Starts route guidance to the selected destination.
- [Add to Route]:
  Adds a location to the route previously set.
- [More Routes]:
  Suggests alternative routes.
  — [Fastest]
  Selects a route that is fastest in time.
  — [Eco]
  Selects a route for the energy saving.

— [Shortest]
Selects a route that is the shortest in distance.

- [Turn List]:
Displays a detailed turn list. The map can be displayed and the turn can be avoided by touching a turning point.
☞ "Displaying Turn List " (page 6-35)
- [Move Location]:
Displays a map screen and allows the location of the destination to be adjusted.
- [More Options...]:
  — [Place Info]
  Displays detailed information of the destination. Touch [Go Here] to set the destination. Touch [Call] (when available) to make a phone call to the facility set as a destination.
  — [Save Location]
  Saves the location to the Address Book.
  — [Save Route]
  Store the route for later use.

**INFO:**

- Battery power information is displayed on the screen after [More Routes] is touched. The remaining Li-ion battery power estimation function cannot be used to confirm condition changes that arise after driving starts. Utilize the function as a reference when selecting driving routes.
- After starting to drive, refer to the driving range on the meter and perform Li-ion battery charging allowing for some leeway.
- In the following instances, the actual Li-ion battery power may differ from the remaining battery power estimation.
  — Frequent repetition of sudden acceleration and sudden braking
  — Change of air conditioner operating conditions
  — Change of traffic conditions and driving routes that differ from the one used for the estimation
  — Strong wind, cold, and snowy weather conditions
  — Tires that do not comply with specifications, low air pressure tires, worn tires, studless tires, and others
  — Decreased capacity of the Li-ion battery
  — Installation of equipment that does not comply with specifications (carriers and others)
- Touch [1type] to display alternative routes calculated with a route search condition selected on the [Basic Route Type] setting screen.
☞ "Route Preference" (page 6-37)
Touch [3types] to display alternative routes calculated in all three route search conditions ([Fastest], [Eco] and [Shortest]).

## ROUTE GUIDANCE

### ABOUT ROUTE GUIDANCE

#### Basic information

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

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

**WARNING**

- **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 6-61)**

#### 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.

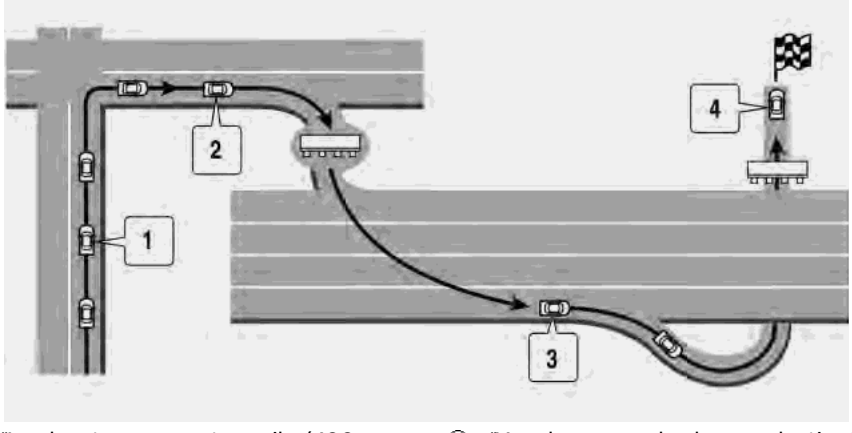
**INFO:**

- 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 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) or destination/waypoint during route guidance, voice guidance announces the remaining distance and/or turning direction. Push and hold **<MAP>** to repeat voice guidance.

**Example of voice guidance:**




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

"Right (left) turn ahead."

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

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

③ "In about 1 mile (1.6 kilometers), exit on your right."

"Take the second exit on your right."

④ "You have reached your destination. Ending route guidance."

Directions will differ, depending on the road type.

**INFO:**

Distances may vary, depending on the vehicle speed.

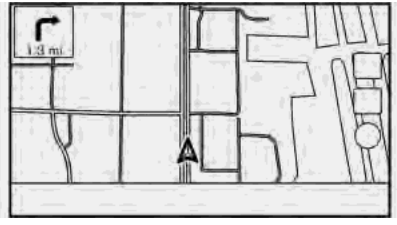
## Route guidance screens

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

The settings of the guidance screens can be changed.

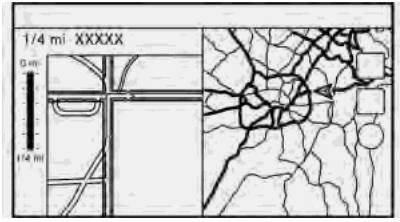
☞ "Map settings" (page 6-9)

**Route guidance on map screen:**



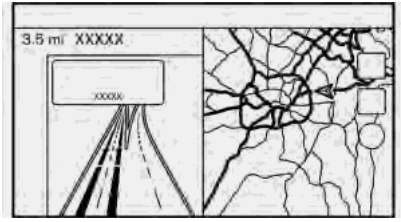

When route guidance starts, the small turn arrow and the distance to the next guide point are displayed in the upper left corner of the map screen. This arrow indicates the turning direction at the next guide point (corner or intersection). When approaching a guide point, an enlarged intersection view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

**Enlarged intersection view:**



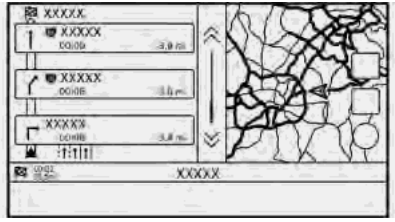

When approaching a guide point, the system automatically changes to the split screen view and shows an enlarged view of the intersection on the left side of the screen. To switch to the full map screen while the enlarged intersection view is displayed, push **<MAP>**. The distance to the guide point and the name of the next street to drive on are displayed at the top of the screen.

**Junction guidance:**




While driving on a freeway, when the vehicle approaches a junction, the system automatically switches to the split screen view and displays an enlarged view of the junction on the left side of the screen. After the vehicle passes 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 map settings menu is turned on, a turn list can be displayed on the left side of the screen.

☞ "Map settings" (page 6-9)

To switch to the full map screen, push **<MAP>**.

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

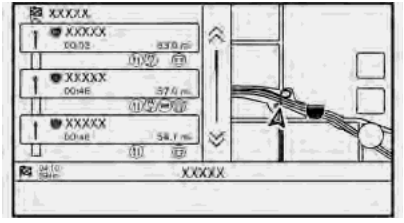
With [Auto. Show Turn List on Freeway] turned on, the turn list will appear automatically when driving on freeways.

☞ "Map settings" (page 6-9)

**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.



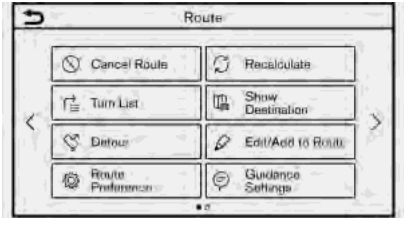

1. Touch the exit where the exit information icon is displayed. The category list screen is displayed.
2. Touch the POI category. A list of facilities located near the freeway exit is displayed.
3. Touch the preferred facility for the waypoint.
4. The waypoint is set, and the route search is performed.
   ☞ "Options before starting the route guidance" (page 6-27)
5. Touch [Start] to start the route guidance.

## 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.**

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




Push **<MAP>** when a destination is set, and then touch [Route] on the Launch Bar.

The route menu screen is displayed.

**Available settings**

| Menu item | | Result |
|---|---|---|
| [Cancel Route] | | Cancels the current route guidance.<br>☞ "Canceling Route" (page 6-35) |
| [Turn List] | | Displays the details of the suggested route.<br>☞ "Displaying Turn List " (page 6-35) |
| [Detour] | | A detour of a specified distance can be calculated.<br>☞ "Setting detour route" (page 6-35) |
| [Route Preference] | | Set the route search conditions.<br>☞ "Route Preference" (page 6-37) |
| [Recalculate] | | Manually search for the route again after changing the search conditions, etc. and have the system calculate a route.<br>☞ "Recalculating route" (page 6-40) |
| [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 destination, such as restaurants and charging stations, etc. The location can be set as a waypoint. |
| | [Save Location] | Save the destination in the Address Book. |
| [Edit/Add to Route] | | A destination or waypoint can be edited/added to a route that has already been set.<br>☞ "Editing route" (page 6-40) |
| [Guidance Settings] | | Various guidance settings can be customized.<br>☞ "Guidance settings" (page 6-43) |
| [Save Route] | | The current route (a destination and waypoints) can be saved. A maximum of 10 routes can be saved. The saved routes can easily be recalled for future use. Saved route includes only the location information, not the route itself. Route may vary depending on the traffic information or other conditions. |

| Menu item | Result |
|---|---|
| [Map Scroll] | Displays the current map screen which can be scrolled to confirm the location of the destination, waypoints, route, etc. |
| [Simulation] | Simulates the route guidance. This function provides a detailed image of the route with voice guidance.<br>The following operations are available:<br>[ ⏸ ]: Pauses the simulation.<br>[ ▶ ]: Resumes the simulation.<br>[ ■ ]: Ends the simulation.<br>[]: Increases the play speed. 4 levels of speed adjustment are available.<br>[]: Decrease the play speed. 4 levels of speed adjustment are available. |

## CANCELING ROUTE

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

1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Cancel Route].
3. A confirmation message is displayed. Touch [Yes] to delete the currently set destinations and waypoints.

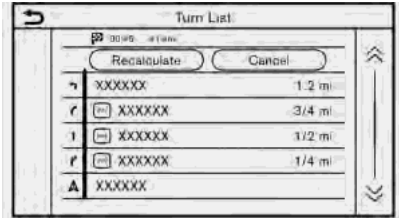
**INFO:**

- Touching [Cancel] on the Launch Bar can also delete the destination and waypoints.
- The deleted destination and waypoints cannot be reactivated.

## DISPLAYING TURN LIST

### Basic information

Displays the details of the suggested route.




1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Turn List].

### Setting avoid road

The detour to avoid a road is available by touching the road name on the Turn List display.

1. Touch the road on the list you prefer to avoid. The position of the selected intersection is displayed.
2. Touch [Avoid This Road].

**INFO:**

Touching [Show Map] can confirm the entire route.

3. Display returns to the turn list. Touch [Recalculate]. The route is recalculated.

   Touch [Cancel] to cancel the avoid setting.

## SETTING DETOUR ROUTE

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

1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Detour].
3. Touch a detour distance.

   **Available setting items:**

   - 1/4 mile (200 m)
   - 1/2 mile (500 m)
   - 1.0 mile (1.0 km)
   - 3.0 miles (5.0 km)
   - 5.0 miles (10.0 km)

   After calculating the detour, the system displays the detour route on the map.

**INFO:**

- The detour setting can be canceled by touching [Cancel Detour].
- 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 PREFERENCE

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

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

| Setting Item | | | Action |
|---|---|---|---|
| [Basic Route Type] | [Fastest Route] | | Prioritizes the use of fastest route. |
| | [Energy-Saving] | | Prioritizes a route which uses less energy. |
| | [Shortest Distance] | | Prioritizes the shortest route.<br>The route may not be the shortest because the system prioritizes roads that are easy to drive on for safety reasons. |
| [Other Routing Choices] | [Minimize Freeway] | | Minimizes the use of freeways. |
| | [Minimize Toll Roads] | | Minimizes the use of toll roads. |
| | [Time Restricted Roads] | [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. |
| | [Seasonal Restricted Roads] | [Use Restriction Info] | Calculates route taking seasonal restriction information into consideration. |
| | | [Do Not Use Restriction Info] | Calculates route without taking seasonal restriction information into consideration. |
| | | [Avoid] | Calculates route avoiding the use of seasonal restricted roads. |

| | | | |
|---|---|---|---|
| | [Use Traffic Information] | [Auto] | Calculates the route automatically taking traffic information into consideration. |
| | | [Accept] | If a traffic jam or incident occurs, a confirmation screen will appear before calculation. |
| | | [OFF] | Calculates the route without taking traffic information into consideration. |
| | [Use Avoid Area Settings] | | When enabled, the system avoids the previously defined avoid areas. |
| | [Use Ferries] | | Includes the use of ferries. |
| | [Use Unpaved Roads] | | Includes the use of unpaved roads. |
| | [Use HOV Lanes] | | Includes the use of HOV lanes. |
| [Customize More Routes] | [3types] | | Calculates 3 types of route when confirming other routes. |
| | [1type] | | Calculates an alternative route when confirming other routes. |
| [Estimated Time] | [Destination] | | Displays the estimated time of arrival or remaining time to the destination during route guidance. |
| | [Waypoint] | | Displays the estimated time of arrival or remaining time to the waypoint during the route guidance. |
| [Time Shown on Map] | [ETA] | | Displays the estimated time of arrival. |
| | [Remaining] | | Displays the remaining time to arrival. |

**INFO:**

- 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.
- If [Do Not Use Restriction Info] is selected for [Time Restricted Roads] 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 Roads] is set to be considered or not.
- Even when [Use 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 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.
- The system may not lead to a detour if the traffic closure or a traffic jam occurs far from the present location.

## RECALCULATING ROUTE

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

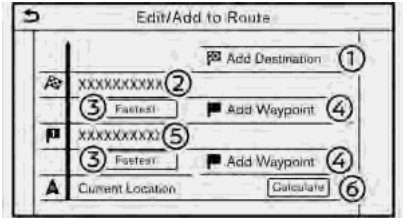
1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Recalculate]. A message is displayed and the route is recalculated.
3. Touch [Start] or conduct other operations as necessary.
   ☞ "Options before starting the route guidance" (page 6-27)

**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.

## EDITING ROUTE

### Basic information




1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Edit the following settings 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 6-41)

③ Criteria for calculating a route to the destination/waypoint:

Touch to change the conditions for route calculation.
☞ "Changing route calculation conditions" (page 6-41)

④ [Add Waypoint]:

Touch to add a waypoint.
☞ "Setting destination or waypoint" (page 6-40)

⑤ Current waypoint:

Touch to edit or delete the waypoint.
☞ "Editing/deleting destination or waypoint" (page 6-41)

⑥ [Calculate]:

After editing the route, touch to recalculate 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 20 waypoints besides one destination can be set.

1. Push **<MAP>** and then touch [Route] 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 6-15)
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 6-41)
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 6-15)

## Editing/deleting destination or waypoint

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

1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch a destination or waypoint that is already set.
4. Touch to edit the following settings:

   **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.]:

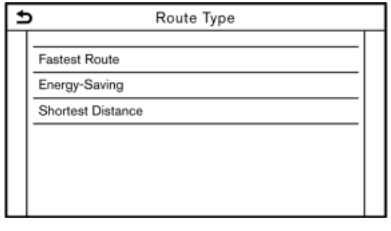
     The location of the destination or waypoint can be adjusted by moving the cross pointer across the map on the touch screen display.
5. Touch [Calculate] to apply the change.

**INFO:**

If the destination is deleted, the route guidance will be canceled.

## Changing route calculation conditions

Each section of the route between waypoints can have different route calculation conditions.




1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch the route condition shown on the preferred section of the route to the destination or waypoint.
4. Touch the preferred condition.
   ☞ "Route Preference" (page 6-37)
5. The conditions are changed and the display returns to the edit route screen.

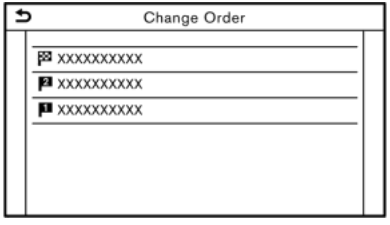
6. Touch [Calculate] to apply the change.

**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. Push **<MAP>** and then touch [Route] 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.

## GUIDANCE SETTINGS

Various settings are available to customize the guidance information provided by the system.

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 or deactivates the traffic announcement.<br>When this item is activated, the system provides an announcement of traffic information or events on the route. The indicator illuminates if traffic announcement is activated. |
| [Toll Booth Guide] | Activates or deactivates the function to notify that the vehicle is approaching a toll booth. |

**INFO:**

- [Guidance Settings] can also be accessed from the route menu screen.
  ☞ "Route menu" (page 6-32)
- The guidance volume can also be adjusted by turning **<VOL/ ⏻ >** or pushing **< 🔇 >** on the steering wheel while voice guidance is being announced.

## VIEWING TRAFFIC INFORMATION

### BASIC INFORMATION

Two types of traffic information are available on this system, SiriusXM Traffic™ Information and Premium Traffic Information.

To Activate SiriusXM Traffic™ Information, set [Use Premium Traffic] off.

To Activate Premium Traffic Information, set [Use Premium Traffic] on.

☞ "Traffic information setting" (page 6-47)

### SiriusXM TRAFFIC™ (if so equipped)

### Basic information

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

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

SiriusXM Traffic™ combines information from commercial and public traffic data providers including government departments of transportation, police, emergency services, road sensors, cameras and aircraft reports. The traffic information is broadcast to the vehicle by the SiriusXM® satellites. 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**

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

**NOTE:**

- **Turn [Use Premium Traffic] off when receiving SiriusXM Traffic™ information.**
  **☞ "Traffic information setting" (page 6-47)**
- **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.**

### Notes on SiriusXM Traffic™ information

- The SiriusXM Traffic™ information service is not provided for some cities. In addition, the cities for which the traffic information service is provided may be changed.
- In some cases, infrastructure problems may prevent the complete display of the traffic information. This is not a malfunction.
- 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 the SiriusXM® website.

  **SiriusXM® website:**

  For U.S.

  www. siriusxm.com

  For Canada

  www.siriusxm.ca (English)

  www.siriusxm.ca/fr (French)

- SiriusXM® Travel Link is available in select markets. For more information, refer to the SiriusXM® website or call Listener Care.

  **SiriusXM® website:**

  For U.S.

  www.siriusxm.com/traffic

  For Canada

  www.siriusxm.ca/siriusxm-traffic-services/ (English)

  www.siriusxm.ca/fr/services-siriusxm-traffic/(French)

  **Listener Care:**

  For U.S.

  1-877-447-0011

  For Canada

  1-877-438-9677

- SiriusXM Traffic™ is available in over 130 metropolitan markets. For the most current list of markets covered, please refer to the SiriusXM® website or call Listener Care.

  **SiriusXM® website:**

  For U.S.

  www.siriusxm.com/siriusxmtraffic

  For Canada

  www.siriusxm.ca/siriusxm-traffic-services/ (English)

  www.siriusxm.ca/fr/services-siriusxm-traffic/ (French)

  **Listener Care:**

  For U.S.

  1-877-447-0011

  For Canada

  1-877-438-9677

- 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 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.

## PREMIUM TRAFFIC INFORMATION

Real-time traffic information can also be obtained from Premium Traffic information with more street coverage.

The types of event displayed on the screen are the same as SiriusXM Traffic™ Information.

Premium Traffic information is available by turning [Use Premium Traffic] on and connecting a Wi-Fi device or connecting a smartphone through Wi-Fi.

☞ "Traffic information setting" (page 6-47)

**INFO:**

You can also use the Premium Traffic Information when a Door to Door Navigation enabled smartphone is connecting to the vehicle.

☞ "Using Door to Door Navigation" (page 6-26)

## VIEWING AVAILABLE TRAFFIC INFORMATION

### Viewing traffic events from list

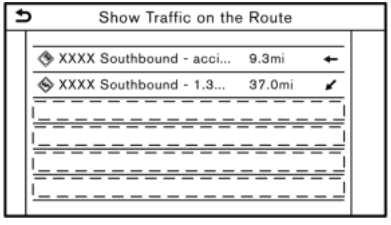
1. Push **<MENU>** and then touch [Info] on the Launch Bar.
2. Touch [SXM Traffic] or [Premium Traffic]. A list of available types of information is displayed.

| Available items | Function |
|---|---|
| [Show the Traffic on the 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. |

**INFO:**

[SXM Traffic] or [Premium Traffic] is available only when the traffic information is received.

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




4. Touch an event from the list to check the detailed information and the map. Touch [Avoid] to search for an alternate route.

### 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.

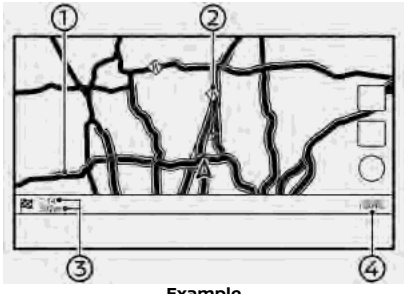
**INFO:**

- 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

Traffic information is displayed on both 2D and 3D map screens.

**Screen information**




**Example**

① Road conditions
Free Flow: Green
Slow traffic: Yellow
Heavy traffic: Red
Road closed and section affected by serious traffic event: Orange and white stripes
Queuing traffic: Orange (Premium Traffic information only)

② Traffic information icon:
If a route is not already set, all of the traffic information icons on the map screen are displayed in gray. 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.
: Traffic jam
: Slow traffic
: Traffic flowing freely
: Road closed
: Accident
: Road work
: Narrow lanes
: All other events

③ Remaining distance and estimated remaining time to the destination/ time of arrival calculated with consideration of traffic information on route.
Whether to display the remaining time to the destination or estimated arrival time at the destination can be selected.
☞ "Route Preference" (page 6-37)

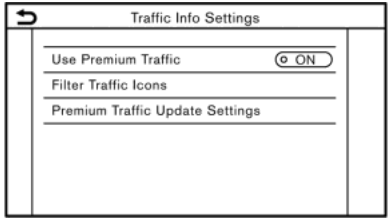
④ Traffic indicator:
**SiriusXM Traffic™**
Displayed when there is available SiriusXM Traffic™ Information received.
**Premium Traffic**
Displayed when there is available Premium Traffic Information received.
A SiriusXM Traffic™ subscription is necessary to view traffic information.

**INFO:**

Traffic icons are displayed in the scale level of 1/64 miles (15 m) - 7.5 miles (12.5 km) range. Some traffic icons are displayed only on the map at higher detail levels.

## TRAFFIC INFORMATION SETTING

Settings for traffic information related functions can be changed.




1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Traffic Info Settings].
4. Touch the preferred setting. The indicator for the selected setting illuminates.

**Available setting items**

- [Use Premium Traffic]:
  Turns the Premium Traffic information on/off.
- [Filter Traffic Icons]:
  Selects which types of traffic incidents (e.g., accident) will be displayed on the map screen.
- [Premium Traffic Update Settings]:
  Sets the update timing of Premium

Traffic information.

**INFO:**

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.

## STORING A LOCATION/ROUTE

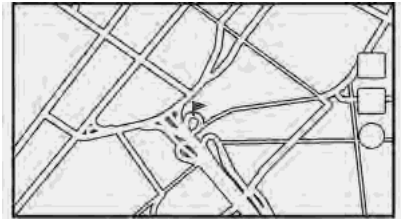
### STORING LOCATION

#### Basic information

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

#### Storing home or work location

A home or work location can be stored in the system.



1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Add Home Location] or [Add Work Location].
4. Touch an appropriate method to set the location. Refer to the search methods used for destination setting.
   ☞ "Setting destination" (page 6-15)
   When stored, the location is displayed at the center of the map on the touch screen display.
5. Edit the contents of the stored item as necessary and touch [OK].
   ☞ "Editing stored location" (page 6-50)

**INFO:**

If you touch [Go Home (Save Location)] or [Go to Work (Save Location)] on the destination screen while the home or work location is not stored yet, the system will display a message asking if you wish to store a home or work location. Touch [Yes] to store the home or work location.

#### 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 [Saved Locations].

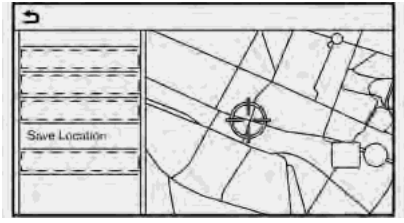
5. Touch [Add New].
6. Touch an appropriate method to set a location. Refer to the search methods used for destination setting.
☞ "Setting destination" (page 6-15)
7. Touch [OK].
8. A message is displayed, and the address of the location is stored in the Address Book.
9. Adjust and edit the contents of the stored item as necessary. Touch [OK] to confirm.
☞ "Editing stored location" (page 6-50)

**INFO:**

- When the location is stored in the Saved Locations, [Address Book] can be used to search for the location.
☞ "Searching from Address Book" (page 6-22)
- When 200 locations are already stored, a new location cannot be stored until a currently stored location is deleted.

## Storing location by moving map

1. Move to the preferred location on the map and touch [▤] on the touch screen display.




2. Touch [Save Location]. A message is displayed.
3. 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 10 calculated routes can be stored. Stored routes can be easily retrieved and set as the suggested route.

A route requires at least one waypoint in order to be stored.

1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Save Route]. A confirmation message is displayed. Select [Yes] to store the current route.

**Other settings**

A route can also be stored using the following procedure.

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Saved Routes].
5. Touch [Save Current Route]. A confirmation message is displayed.
6. Confirm the contents of the message and touch [Yes]. The current route is stored.

**INFO:**

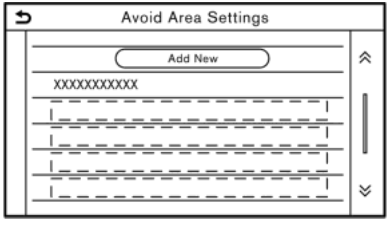
- At least 1 waypoint must be set for the route to be stored.
- A stored route includes only locations (destination and waypoints) and route calculation conditions, not the route itself.
- The route is stored in the first available position number in the stored routes list.

- When 10 routes are already stored in the Address Book, a new route cannot be stored until a route is deleted.
  ☞ "Deleting stored item" (page 6-53)

## STORING AVOID AREA

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

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Avoid Area].




5. Touch [Add New].

   Touch an appropriate method to search for a location.
   ☞ "Setting destination" (page 6-15)
6. Touch [OK].
7. Adjust the information of the Avoid Area as necessary.
   ☞ "Editing avoid area" (page 6-53)
8. 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 6-53)

## EDITING STORED INFORMATION

### Editing stored 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. |
| | [Delete] | | Deletes the stored home location. |
| | [OK] | | Confirms and saves the edited home information. |
| [Work Location]* | [Edit] | [Show Icon on Map] | Displays the work icon on the map. |
| | | [Icon] | Selects a work icon of a preferred design. |
| | | [Sound] | Sets the type of alarm that sounds when the vehicle approaches work. |
| | | [Direction] | Sets the alarm to sound when approaching from a specific direction. |
| | | [Distance] | Sets the alarm to sound when reaching a specific distance to work. |
| | | [Phone No.] | Stores the work telephone number. |
| | [Move Location] | | Adjusts the stored work location. |
| | [Delete] | | Deletes the stored work location. |
| | [OK] | | Confirms and saves the edited work information. |

| Setting item | | | | Action |
|---|---|---|---|---|
| [Saved Locations] | [Sort] | [Sort by Number] | | Sorts the saved locations.<br>☞ "Searching from Address Book" (page 6-22) |
| | | [Sort by Name] | | |
| | | [Sort by Icon] | | |
| | | [Sort by Group] | | |
| | [Add New] | | | Adds a new location.<br>☞ "Storing location by searching" (page 6-48) |
| | Saved Location List | [Edit] | [Show Icon on Map] | Displays the icon of a stored location on the map. |
| | | | [Name] | Registers a name of the entry. |
| | | | [Voice Tag] | Registers a voice tag 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 for 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. |

| Setting item | | | Action |
|---|---|---|---|
| | | [OK] | Confirms and saves the edited stored location information. |

*: When home or work location has not been stored, [Add Home Location] or [Add Work Location] is displayed and a home or work 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 [Saved Routes].
4. Touch the preferred saved route from the list. Saved Routes settings screen will be displayed.

| Setting item | Action |
|---|---|
| [Rename] | Changes the saved route name. |
| [Replace] | Overwrites the saved route with the current route. |
| [Delete] | Deletes the saved 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 settings screen will be displayed.

| Setting item | Action |
|---|---|
| [Rename] | Changes the name of an Avoid Area. |
| [Move Location] | Adjusts the Avoid Area location. |
| [Resize Area] | Adjusts the size of the Avoid Area. |
| [Freeway] | Sets the Avoid Area to include or not include freeways.<br>The color of the Avoid Area changes depending on the setting.<br>Freeway ON: Green<br>Freeway OFF: Blue |
| [Delete] | Deletes an Avoid Area. |
| [OK] | Applies the edited setting. |

# DELETING STORED ITEM

## Basic information

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

**INFO:**

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

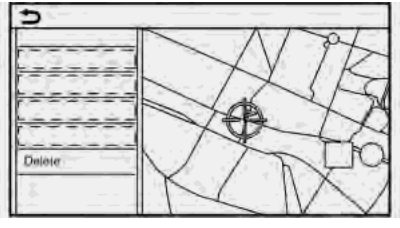
## Deleting stored item individually

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Delete Saved Items].
   Select the preferred item and touch [Yes] to confirm deletion.

| Step 1 | Step 2 | Action |
|---|---|---|
| [Delete Home Location] | | Deletes home location. |
| [Delete Work Location] | | Deletes work location. |
| [Delete Address Book] | [Delete All] | Deletes all stored locations. |
| | [Delete One] | Deletes a selected stored location. |
| [Delete Saved Routes] | [Delete All] | Deletes all stored routes. |
| | [Delete One] | Deletes a selected stored route. |
| [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 One Previous Destination] | Deletes a selected previous destination. |
| | [Delete Previous Start Point] | Deletes the previous start point. |

## Deleting individual item on map

1. Align the cross pointer over the stored location to be deleted 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.

## 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:**

**[Map Settings]**

Sets the display method and direction of the map.
☞ "Map settings" (page 6-9)

**[Guidance Settings]**

Sets the various functions for route guidance.
☞ "Guidance settings" (page 6-43)

**[Route Preference]**

Changes the routing preferences.
☞ "Route Preference" (page 6-37)

**[Traffic Info Settings]**

Sets the various functions of the Traffic information feature.
☞ "Traffic information setting" (page 6-47)

**[Safety Guide Settings]**

| Setting item | Action |
|---|---|
| [Speed Limit Indication on Map] | When this item is turned on, the speed limit indicator will appear on the right side of the map screen when there is a speed limit on the road the vehicle is driving on. ☞ "Map types" (page 6-5) |
| [Speed Limit Warning] | When this item is turned on, the speed limit indicator will blink and warn the driver when the vehicle speed exceeds the speed limit. ☞ "Map types" (page 6-5) |
| [Speed Limit Sens.] | Adjusts the speed limit sensitivity. This function is available when [Speed Limit Warning] is turned on. |

**[Address Book]**

Stores locations and routes. Stored items can be edited or deleted.
☞ "Storing a location/route" (page 6-48)

**[Customize POIs]**

Sets the POI categories to be displayed on the Points of Interest screen.
☞ "Customizing POIs" (page 6-21)

**[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 Saved Items]**

Deletes a saved location or route.
☞ "Deleting stored item individually" (page 6-54)

**[Delete Previous Destinations]**

Deletes all or one of the previous destinations or the previous start point.
☞ "Deleting stored item individually" (page 6-54)

**[Sync with Door to Door Navigation]**

Turns on/off Door to Door Navigation.

☞ “Using Door to Door Navigation” (page 6-26)

**[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)?

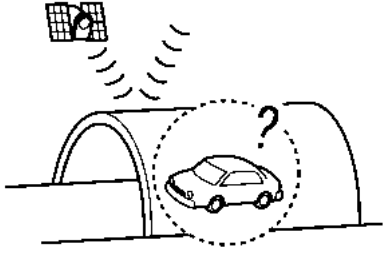
GPS is a position detecting system that uses satellites deployed by the U.S. government. This navigation system receives radio signals from three or more different satellites that orbit 13,049 miles (21,000 km) above the earth in space, and detect the position of the vehicle by utilizing the principle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

**Positioning adjustment:**

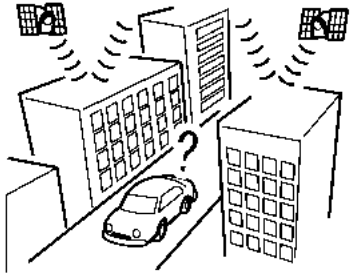
When the system judges that the vehicle position is not accurate based on vehicle speed and gyro sensor data calculations, the system will automatically adjust the position of the vehicle icon using GPS signals.

**Receiving signals from GPS satellites:**

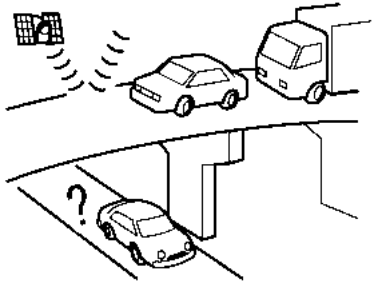
The reception of GPS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GPS signals.



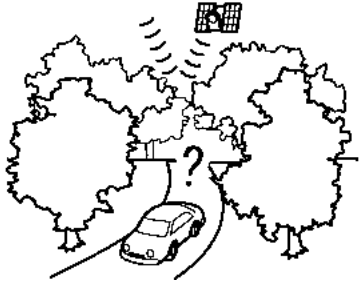
- Inside tunnels or parking garages



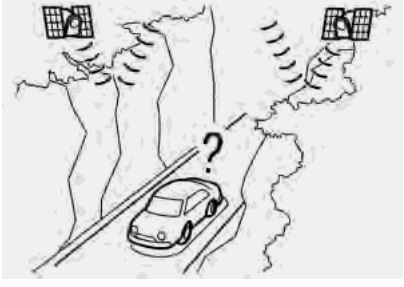
- In areas with numerous tall buildings



- Under multi-layered highways



- Areas with numerous tall trees



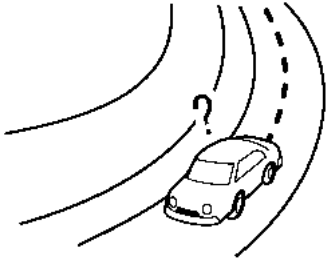
- In canyons

**INFO:**

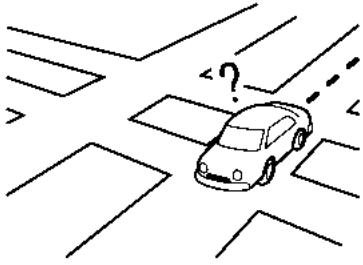
The GPS antenna is located on the instrument panel inside the vehicle. Do not place any objects, especially cellular phones or transceivers, on the instrument panel. Because the strength of the GPS signal is approximately one billionth of that of TV waves, phones and transceivers will affect or may totally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

## Incorrect display of vehicle position

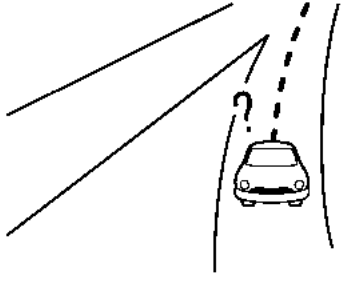
The following cases may affect the display accuracy of the vehicle's position or traveling direction. The accuracy will return to normal if the driving conditions return to normal.



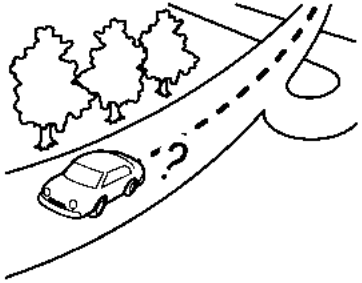
- When there is a similar road nearby.



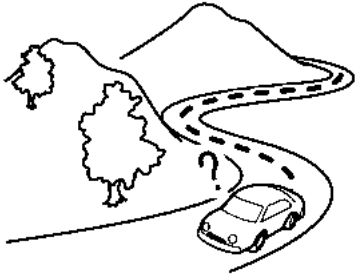
- When the vehicle is traveling in an area with a grid pattern road system.



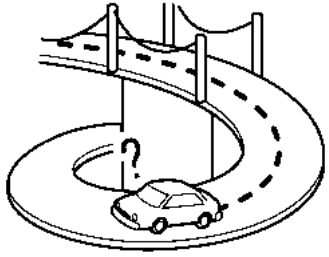
- When the vehicle is passing through a large Y-shaped intersection/junction.



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

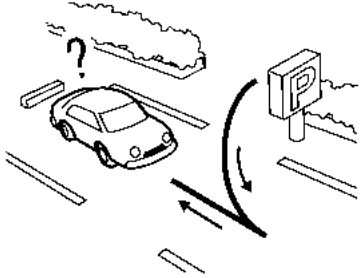


- When the vehicle is traveling on a road with repeating S-shaped curves.

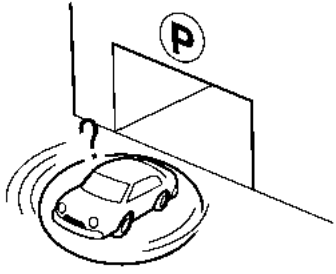


- When the vehicle is on a loop bridge.

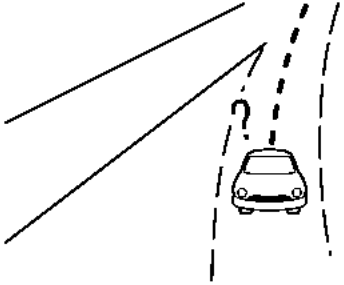
- When the vehicle is on a snow-covered or unpaved road.



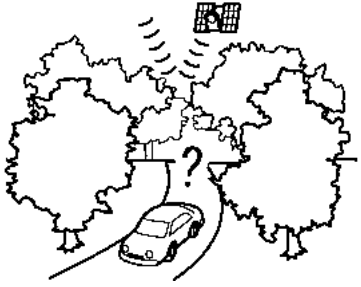
- When repeatedly turning left or right, or driving in zigzags.



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



- 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 the READY to drive indicator light is turned on.
- 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.

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.

## ROUTE GUIDANCE

### Basic information

**INFO:**

- The system will 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.

## 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 **<MAP>**. Voice guidance will be repeated.

## 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 6-40)
- 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 1-21)
- Voice guidance will start when the vehicle enters the suggested route. Refer to the map for directions to the starting point of the route.
- When approaching a waypoint, voice guidance will announce, "You have arrived at waypoint 1 (2, 3, 4,...)." Voice guidance will switch to the next section of the route. When voice guidance is not available, refer to the map for directions.
- In some cases, voice guidance ends before arrival at the destination. Refer to the destination icon on the map to reach the destination.
- If the system recognizes on which side the destination (waypoint) is located, voice guidance will announce "on the right/left" after announcing the arrival at the destination.
- Voice guidance may be partially operational or inoperative due to the angle of roads at an intersection.
- Because freeway lane information is available only for approximately 7,000 major freeways in North America, it is not possible to display information for all junctions and exits.
- Freeway exit information may differ from the information on the actual exit signs.
- Because it is not possible to consider data concerning roads that are seasonally available or unavailable, a route may be displayed that does not match the actual traffic restrictions. Be sure to follow the actual traffic restrictions while driving.
- Canada and Alaska contain many roads with incomplete map data. As a result, when searching for a route, the route may include roads with incomplete data. In regions where road data is not complete, voice guidance may stop for long periods of time. Be sure

to follow the actual traffic restrictions while driving.

## ROUTE 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 Roads] is set to [Use Restriction Info] or [Avoid].
  ☞ "Route Preference" (page 6-37)
- 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.
- In some cases, after the calculation is complete, the calculated route may not be immediately displayed.
- Waypoints that have been passed will be disregarded by rerouting calculation.
- If you scroll the map while the suggested route is being drawn, it may take more time to finish drawing.
- Route calculation may not be completed in the following cases.
  — If there is no main road within a range of 1.5 miles (2.5 km) from the vehicle, a message saying so will appear on the screen. Try recalculating when the vehicle is closer to a main road.
  — If there is no main road within a range of 1.5 miles (2.5 km) from the destination or waypoint, a message saying so will appear on the screen. Try setting the location closer to a main road.
  — If the vehicle is too close to the destination or if there are no roads to the destination, a message saying so will appear on the screen.
  — If it is impossible to reach the destination or waypoints because of traffic regulations, etc.
  — If the only route to reach the destination or waypoints is extremely complicated.
- The following may occur when the route is displayed.
  — If you calculate a route on a main road, the starting point of the route may not exactly match the current vehicle location.
  — The endpoint of the route may not exactly match the destination.
  — If you calculate a route on a main road, the system may display a route from another main road. This may be because the position of the vehicle icon is not accurate. In this case, park the vehicle in a safe location and reset the vehicle icon, or continue driving to see if the position of the vehicle icon is automatically adjusted before recalculating the route.
  — There are cases in which the system shows an indirect route to reach the destination or waypoints, if you set them from stored or facility information. In order to correct this, you must be careful about the traffic direction, especially when lanes with different travel directions are shown separately, such as interchanges and service areas.

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

— Even if the ferry preference is set to OFF, a route that uses a ferry line may be suggested.

## HOW TO UPDATE MAP DATA

### Basic information

**WARNING**

**TO AVOID RISK OF DEATH OR SERIOUS PERSONAL INJURY WHEN UPDATING THE MAP SOFTWARE:**

**If you choose to park the vehicle within range of a Wi-Fi connection, park the vehicle in a secure and safe location.**

1. **Apply the parking brake.**
2. **Remain with the vehicle while the update is in process.**
3. **Do not allow children, pets or people who may need assistance to remain in the vehicle while the software is updating.**

**NOTE:**

**The vehicle is not required to be parked during the map update process.**
Map data can be updated via USB or Wi-Fi.

### Updating with USB memory

The navigation map data can be updated with the latest information by downloading a new map database to a USB memory device and installing it in the vehicle.

For map update, use the USB memory with the following specifications:

Supported media: USB2.0

Supported file system: FAT32

1. Push **<MENU>** .
2. Touch [Info] on the Launch Bar and then touch [System Information].
3. Touch [Map Update].
4. Touch [Update by USB device].
5. Touch [Save Map Information to USB].
6. Insert blank USB memory device into the USB connection port.
   ☞ "USB (Universal Serial Bus) connection ports" (page 1-5)

**INFO:**

If data is in the USB memory, it may be deleted.

7. Touch [Start].
8. Touch [OK] after saving the map information to USB.
9. Access to the website (https://apps.nissan.navshop.com/) with your personal computer. Download and install the map update tool in your personal computer.

**INFO:**

- From the second time onward, this operation is not necessary.
- Initially the URL will jump to http://apps.nissan.navshop.com/en_gb. In case you change the language/country on the portal from the flag icon on top right of the portal page, this will be remembered at the next time you access the portal.

10. Download the updated data and store it in the USB memory with the map update tool.
11. Push **<MENU>**.
12. Touch [Info] on the Launch Bar and then touch [System Information].

13. Touch [Map Update].
14. Touch [Update by USB device].
15. Touch [Install Map Update from USB].
16. Insert the USB memory into the USB connection port.

    A confirmation message is displayed. Confirm the contents of the message and touch [Yes].
17. Touch [OK] after completing the update.

**INFO:**

- The navigation system cannot be operated while the map updates.
- Map data should be updated while the EV system is running to prevent discharge of the vehicle battery.

## Updating using wireless LAN (Wi-Fi)

The map data can be updated using the vehicle Wi-Fi connection. Wi-Fi communications can be made by using a Wi-Fi network, smartphone, etc.

☞ "Wi-Fi Setting" (page 1-19)

1. Connect the vehicle to an available Wi-Fi network.
2. Push **<MENU>**.
3. Touch [Info] on the Launch Bar and then touch [System Information].
4. Touch [Map Update].
5. Touch [Update by Wi-Fi].

   A confirmation message is displayed.
6. Touch [Select Area], select the area to be updated, and touch [OK].
7. Touch [OK] after completing the update.

**INFO:**

- When [Cancel] is displayed during the map data update, touching the key can cancel the update.
- The navigation system cannot be operated while the map updates.
- Do not turn off the power source of the smartphone while updating.
- Map data should be updated while the EV system is running to prevent discharge of the vehicle battery.
- The Wi-Fi hotspot communication is not available on this system.
- The download data size of Map update for one state (such as California or New York for example) or one regional zone (such as Indiana/Michigan or Hawaii/Alaska/Guam for example) can vary between 100 MB to 1 GB. Data size in case of updating multiple states or regional zones can be over 1 GB. Use of Wi-Fi hotspot functionality of your smartphone for Map updates may incur additional data charges from your cellular provider. Please connect to your home Wi-Fi network to avoid additional phone data charges.

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**MEMO**

# 7 Voice recognition


Voice recognition ..... 7-2
Using Voice Recognition System ..... 7-2
Before starting ..... 7-2
Giving voice commands ..... 7-2
System Voice settings ..... 7-7

## VOICE RECOGNITION

### USING VOICE RECOGNITION SYSTEM

#### Initialization

When the power 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 **<** **>** 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

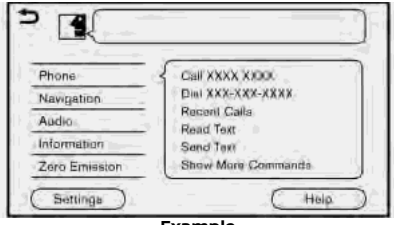
To get the best recognition performance from voice recognition, observe the following items.

- 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

#### Basic operation

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




**Example**

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.

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, using **< ▲ >/< ▼ >** on the steering wheel, or using **<TUNE·SCROLL/OK>** on the control panel.

**INFO:**

The Voice Recognition System will pause its operation when no command is given after a few prompts. To resume the operation, push **<** **>** 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 exit the Voice Recognition System, push and hold **< >** or **< >** on the steering wheel or **<BACK>** on the control panel.

## Operating tips

- Speak a command after the tone.
- Some commands are only for English.
- 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 adjust the volume of the system feedback, push **< >** on the steering wheel or turn **<VOL/ >** while the system is making an announcement.
- 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/province 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 **< >** on the steering wheel. After interrupting the system, wait for a tone before speaking your command.

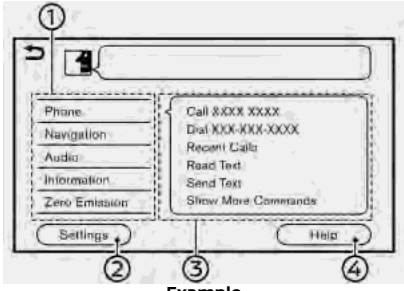
**One Shot Call:**

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:**




**Example**

① Shows a list of available categories. Speak a category command or touch the key of the corresponding category.

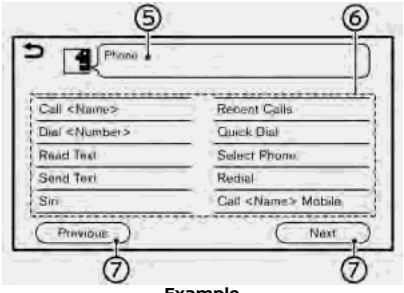
② Touch [Settings] or say "Settings" to display the system voice settings.

③ Shows a list of available commands for the selected category. Speak a preferred command.

④ Touch [Help] or say "Help" to hear help announcements on how to use the system.

**INFO:**

Push **< >** to stop the help announcements.




**Example**

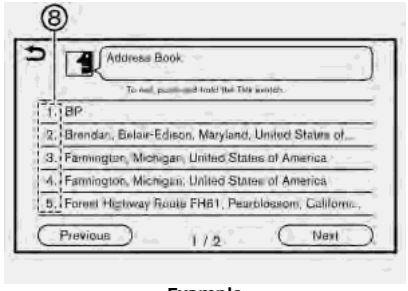
⑤ Previously selected command

⑥ 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 < >.

⑦ [Previous]/[Next]

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




**Example**

⑧ Speak a number from 1 to 5 or touch an item on the list screen to select the item.

**INFO:**

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.

## 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 be recognized.)

**Example:**

1-800-662-6200

"One eight hundred six six two six two zero zero"

**INFO:**

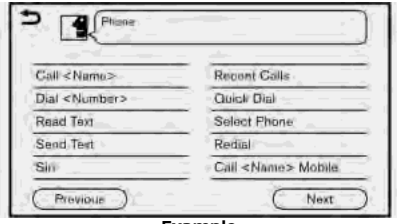
For the best recognition, speak "zero" for the number "0", and "oh" for the letter "o".

## Voice command examples

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

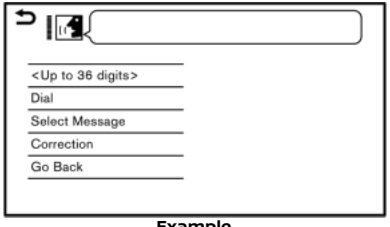
**Example 1 Placing call by speaking a phone number:**

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




**Example**

3. Speak “Dial <Number>”.




**Example**

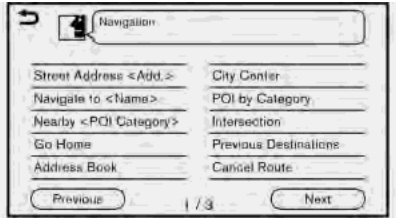
4. The phone number recognized by the system is displayed on the screen. If the number is correct, say “Dial”.
5. The system will make a phone call to the spoken phone number.

**INFO:**

- 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”.
- 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 4-12)

**Example 2 Setting home as a destination (if so equipped):**

1. Push **<** **>** 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.
- 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.

— Not all POI main categories can be used for "Navigate to" searches with voice command operations while all registered categories can be recognized as "Nearby" search.

- 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".
- A SiriusXM® Travel Link (if so equipped) or SiriusXM Traffic™ (if so equipped) subscription is necessary to receive SiriusXM® information services.
  ☞ "SiriusXM® Travel Link" (page 5-20)

**Example 3 Tuning station of FM:**

1. Push **<** **>** on the steering wheel.
2. Wait for the indicator to change to . Speak "Audio".
3. Speak "Tune FM <name>". The system will tune to the FM radio station and the audio screen will be displayed.

**INFO:**

- Music files of Bluetooth® audio cannot be selected by voice recognition operation. However, audio source can be switched to Bluetooth® audio using voice commands.
- 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 SiriusXM® 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.
- Some audio commands may not be recognized when an Android phone is connected and used as a USB audio device.

## SYSTEM VOICE SETTINGS

The system voice settings can be changed.

1. Touch [Settings] on the Launch Bar.
2. Touch [System Voice].
3. Touch a preferred item.

Available setting items may vary depending on models, specifications and software versions.

**Available setting items**

| **Available item** | | **Action** |
|---|---|---|
| [Initial Voice Prompt] | | When this item is turned on, voice prompts are announced. |
| [Short Voice Prompts] | | When this item is turned on, short and minimized voice feedback will be provided. |
| [Best Match Lists] | [Phonebook] | When these items are turned on, the voice recognition results are displayed on the list in the order of reliable recognition. |
| | [Music Commands] | |
| [Voice Preference] | | Voice guidance setting can be selected from a male or female voice when the system language is set to English.<br>[Voice Preference] cannot be selected when the system is set to French or Spanish. |
| [Speech Rate] | | Adjusts the speech rate of prompt. |
| [Audio Device Setting] | | Select an audio device to be operated via the Voice Recognition System from the audio devices connected to the USB connection ports. A device with an indicator light illuminated can be operated with the Voice Recognition System. |

**MEMO**

# 8 Troubleshooting guide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## SYSTEM UNIT

### LIQUID CRYSTAL DISPLAY

| Symptom | Possible cause | Possible solution |
|---|---|---|
| The screen is too dark. | The cabin temperature is too low. | Wait until the cabin temperature becomes moderate. |
| | Screen brightness is set to the maximum darkness. | Adjust the brightness setting of the screen. ☞ "Display settings" (page 1-24) |
| The screen is too bright. | Screen brightness is set to the maximum brightness. | Adjust the brightness setting of the screen. ☞ "Display settings" (page 1-24) |
| 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 1-24) |
| The screen turns blue or an error message is displayed on the touch screen display. | A system malfunction has occurred. | It is recommended that you contact a NISSAN certified LEAF dealer for an inspection. |

## UNIQUE EV FUNCTIONS (models with navigation system)

DRIVING RANGE

| Symptom | Possible cause | Possible solution |
|---|---|---|
| The driving range cannot be displayed. | The power switch is in the ACC position. | The driving range can be displayed when the power switch is in the ON position or when the READY to drive indicator light is on. |
| | It cannot be displayed because the distance to empty is too short. | Charge the Li-ion battery. Once the distance to empty increases, the driving range will be displayed. |

## CHARGING STATIONS

| Symptom | Possible cause | Possible solution |
|---|---|---|
| The charging station icon display setting is off but icons are still displayed on the map. | The charging station displayed has been set as a stored location. | This is not a malfunction. |
| Searched for charging stations because the battery information guidance (if so equipped) was displayed, but could not find any. | In an area where the number of charging stations is few, it may not be possible to find a charging station located near the vehicle. | This is not a malfunction. |
| Charging station information is not displayed. | Information is not provided for all charging stations, so there may be cases when information is not displayed. | This is not a malfunction.<br>Contact charging stations beforehand by phone to confirm whether they can be used. |
| The charging station information displayed is incorrect. | The map data is old. | Update the map data.<br>☞ "How to update map data" (page 6-64) |
| I went to the charging station that I searched for but the information was incorrect and I could not charge the Li-ion battery. | The map data is old. | Update the map data.<br>☞ "How to update map data" (page 6-64) |
| | Charging station facilities have changed, or the charging port equipped cannot be used. | Contact the charging station by phone beforehand to check whether facilities can be used. |

## ENERGY USAGE INFORMATION DISPLAY

| Symptom | Possible cause | Possible solution |
|---|---|---|
| The driving range fluctuation value based on the climate control system activation condition displayed in the energy usage information screen is displayed as +0 mile (+0 km) or -0 mile (-0 km). | The power used for the climate control system will decrease in response to the power used by the traction motor and the increase/decrease difference of the driving range will be under ±1 mile (±1 km). Also, when the Li-ion battery available charge is low, the increase/decrease of the driving range will also become smaller. | This is not a malfunction. |

## WI-FI CONNECTION (if so equipped)

| Symptom | Possible cause | Possible solution |
|---|---|---|
| The name of the device which you wish to connect is not displayed on the Connections screen. | The device is turned off. | Check that the device is turned on. |
| | The device does not support a WPA2 security network. | Check that the security network is supported by the device. |
| The in-vehicle system cannot connect to the Wi-Fi network. | The device is turned off. | Check that the device is turned on. |
| | The network password is incorrect. | Check that the network password is correct. |
| | | Check the entered password is correct. |

## AUDIO SYSTEM

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. |
| | The connected USB extension cable is not compatible with the system. | Replace the USB extension cable if the system still does not recognize the iPod® after reconnecting the cable properly a number of times. |
| | The cable is rapidly connected to or disconnected from the USB connection 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 3-25) |

| Symptom | Possible cause | Possible solution |
|---|---|---|
| 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. |
| 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. |

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 connection port. | Slowly connect or disconnect the USB device. |

## BLUETOOTH® 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>** and select the Bluetooth® audio mode. ☞ "Selecting audio source" (page 3-10) |
| | 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>** and select the Bluetooth® audio mode, and then operate a function on the touch screen display of the in-vehicle system instead of conducting the operation on the Bluetooth® audio device. |

| 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. |

| 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 voice volume is too loud/soft. | Adjust the volume using **<VOL/ ⏻ >** or **< 🔊 >**. |
| | The outgoing voice volume is too loud/soft. | Adjust the volume from volume adjustment screen. ☞ "Volume and Beeps settings" (page 1-21) |
| 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 another call using the hands-free function. |

| Symptom | Possible cause | Possible solution |
|---|---|---|
| The other party's voice cannot be heard. There is no ringtone. | The volume level is set to the minimum. | Adjust the volume level. ☞ "Volume and Beeps settings" (page 1-21) |
| | A cellular phone is not connected. | Check the registration procedure, and then register the cellular phone again. |
| Each volume level (ringtone, 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 touch screen display 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 touch screen display 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 cellular phone and vehicle system before registering it again. |
| | Phone does not support phonebook download function. | Visit www.nissanusa.com/bluetooth/ to check compatibility. |

## NISSANCONNECT® EV AND SERVICES (if so equipped)

### BASIC OPERATION

| Symptom | Possible cause | Possible solution |
|---|---|---|
| The system cannot connect to the NissanConnect® EV and Services Data Center. | A subscription for the NissanConnect® EV and Services has not been established. | Sign up for a subscription to the NissanConnect® EV and Services. For details about subscriptions, contact the NissanConnect® Support line. ☞ "NissanConnect® EV and Services features" (page 5-7) |
| | The communication line is busy. | Try again after a short period of time. |
| | The vehicle is in a location where it is difficult to receive radio waves. | When the vehicle moves to an area where radio waves can be transmitted sufficiently, communication will be restored. When the icon on the display shows that the vehicle is inside the communication area, the system can be used. |
| | TCU (Telematics Control Unit) is not turned on. | If the icon does not show that the vehicle is inside the communication area despite the fact that the vehicle is in that location, contact the NissanConnect® Support line. ☞ "NissanConnect® EV and Services features" (page 5-7) |
| | Radio wave reception is not sufficient for TCU (Telematics Control Unit) operation. | When the vehicle moves to an area where radio waves can be transmitted sufficiently, communication will be restored. When the icon on the display shows that the vehicle is inside the communication area, the system can be used. |
| Some of the items that are displayed on the menu screen cannot be selected. | The vehicle is being driven and some menu items are disabled. | Stop the vehicle in a safe location and apply the parking brake before operating the menu screen items. |
| Some parts of the screen are not displayed. | The vehicle is being driven and some menu items are disabled. | Operate the system after stopping the vehicle in a safe location and applying the parking brake. |
| The system does not announce information. | The volume level is set to the minimum. | Adjust the volume level by operating **<VOL/ ⏻ >** on the control panel or **< 🔊 >** on the steering wheel while the system is announcing information. |

## ERROR MESSAGE ON COMMUNICATION

The display may show the following messages on the screen while using the NissanConnect® EV and Services. If the messages are displayed, follow the instructions on the screen. Otherwise, please visit the NissanConnect® Website.

| Error message | Possible solution |
|---|---|
| System Busy. | The system is busy.<br>Wait for a while and try again later. |
| No service. | The service is not available in the area.<br>Try again in an area where connection to the NissanConnect® EV and Services Data Center is possible. |
| The connection to the center failed. | Connection to the NissanConnect® EV and Services Data Center failed.<br>Try again later. |
| Telematics communication is currently busy.<br>Please try again later. | The line is busy.<br>Wait for a while and try again later. |

## Apple CarPlay®

| Symptom | Cause and Countermeasure |
|---|---|
| Cannot start Apple CarPlay® though it is tethered to the vehicle. | The USB cable is not connected to the USB connection port. Properly connect the USB cable to the USB connection port.<br>☞ "USB (Universal Serial Bus) connection ports" (page 1-5) |
| | Use an Apple Lightning™ cable (Mfi certified) to connect your phone to the USB connection port and check the cable that is not broken. |
| | Apple CarPlay® setting is not active on your iPhone®. Turn on "CarPlay" on your iPhone®. |
| | The device is not compatible with Apple CarPlay®. Check the compatibility requirements. |
| Apple CarPlay® performance decreases. For example, slow connectivity or slow application functionality.<br>or<br>An error message appears when trying to access features of Apple CarPlay®. A blank screen appears when trying to access maps. | Confirm you have a compatible iPhone®, a cellular connection and an active data plan. |
| | Use an Apple Lightning™ cable (Mfi certified) to connect your phone to the USB connection port. |
| | Phone's performance or cellular connection. Disconnect and reconnect your phone. |
| | Phone's performance or cellular connection. Cycle phone power off/on to restart. |
| Cannot access Siri® using **<** **>** on the steering wheel. | The USB cable may not be properly connected. Disconnect and reconnect the USB cable. |
| | Siri® setting is not enabled on the phone. Turn on "Siri" on your phone. |
| | Check that you are pushing and holding **<** **>** instead of just pushing the switch to initiate Siri® operation. |

## Android Auto

| Symptom | Cause and Countermeasure |
|---|---|
| Cannot start Android Auto though it is connected to the vehicle. | The USB cable is not connected to the USB connection port. Properly connect the USB cable to the USB connection port.<br>☞ "USB (Universal Serial Bus) connection ports" (page 1-5) |
| | [Enable after USB Connection] is set to [Never]. Change the setting to [Always] or [Ask].<br>☞ "Android Auto settings" (page 5-27) |
| | To activate Android Auto, touch [▲] on the Launch Bar or touch [Apps] on the information screen and then touch [Android Auto].<br>☞ "Selecting menu from Launch Bar" (page 1-6)<br>☞ "Information menu" (page 5-2) |
| | The connected device is not compatible with Android Auto. Check the compatibility requirements. |
| | Your Android phone may not be recognized if its battery is low. Charge your Android phone then try again. |
| Android Auto performance decreases. For example, slow connectivity or slow application functionality.<br>or<br>An error message appears when trying to access features of Android Auto. A blank screen appears when trying to access maps. | Confirm you have a compatible Android phone, a cellular connection and an active data plan. |
| | Use the Android phone OEM cable to connect your phone to the USB connection port. |
| | Phone's performance or cellular connection. Disconnect and reconnect your phone. |
| | Phone's performance or cellular connection. Close all apps and restart them. |
| | Phone's performance or cellular connection. Cycle phone power off/on to restart. |

| | |
|---|---|
| Cannot start voice operation using **<** **>** on the steering wheel. | The USB cable may not be properly connected. Disconnect and reconnect the USB cable. |
| | Voice operation can not be performed while driving. Turn on the "While driving" setting on your Android phone. |
| | Check that you are pushing and holding **<** **>** instead of just pushing the switch to voice operation. |

## SIRI® EYES FREE

| Symptom | Cause and Countermeasure |
|---|---|
| Cannot access Siri® Eyes Free using **<** **>** on the steering wheel. | Check if a Bluetooth® connection is established between the iPhone® and the system. |
| | Check if Siri® is enabled on the device. On your phone, go to Siri® setting. |
| | Check that Siri® can be accessed from the device lock screen. This can be set in the settings menu of your phone. |
| Audio source does not change automatically to iPod® or Bluetooth® Audio mode. | For best results, use the native music app. Performance of music control function while using Podcasts, Audiobook or other third party music apps may vary. |
| | For best results, play media already stored on your device. Streaming music or playback from cloud storage may degrade performance. |
| | Switch the source manually by pushing **<AUDIO>**. |
| Play, pause, next track, previous track or play timer does not work. | For best results, use the native music app. Performance of music control function while using Podcasts, Audiobook or other third party music apps may vary and is controlled by the device. |
| Cannot hear any music/audio being played back from a connected iPhone®. | Check that the audio source is set to Bluetooth® Audio or iPod® mode. A USB connection is required for iPod® mode. |
| Cannot hear map turn-by-turn direction guidance from a connected iPhone®. | Check that the audio source is set to Bluetooth® Audio or iPod® mode. A USB connection is required for iPod® mode. |
| Cannot receive text message notifications on the vehicle audio system. | Check if "Show Notifications" is enabled on your phone. On your phone, go to Bluetooth® settings. Find the device name, like "MY CAR". Touch the ⓘ icon on your phone. Turn on "Show Notifications". |
| Cannot reply to text message notifications using Siri® Eyes Free. | After receiving an incoming text message, follow the on-screen guidance. Push and hold **<** **>** on the steering wheel for Siri® Eyes Free. After Siri® Eyes Free starts, say "Text Message". |

## NAVIGATION (if so equipped)

### 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 1-24) |
| | The display is turned off. | Push **<☀/♪>** 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 1-21) |
| 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 and 3D view. | 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 power 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.<br>☞ "Current vehicle location" (page 6-58) |
| | 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.<br>If this does not correct the vehicle icon position, it is recommended you contact a NISSAN certified LEAF dealer. |
| | The map data has a mistake or is incomplete (the vehicle icon position is always misaligned in the same area). | Updated road information will be included in the next version of the map data.<br>☞ "How to update map data" (page 6-64) |
| 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.<br>☞ "How to update map data" (page 6-64) |

| Symptom | Possible cause | Possible solution |
|---|---|---|
| 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.<br>☞ "Display settings" (page 1-24) |
| 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>**. |
| 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. | 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. | Twenty waypoints are already set on the route, including ones that the vehicle has already passed. | A maximum of 20 waypoints can be set on the route. To go to 21 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 Roads] setting. ☞ "Route Preference" (page 6-37) |
| A part of the route is not displayed. | The suggested route includes narrow streets. | This is not a malfunction. |

| Symptom | Possible cause | Possible solution |
|---|---|---|
| The part of the route that the vehicle has already passed is deleted. | A route is managed by sections between waypoints. If the vehicle passed the first waypoint, the section between the starting point and the waypoint is deleted (it may not be deleted depending on the area). | This is not a malfunction. |
| An indirect route is suggested. | If there are restrictions (such as one-way streets) on roads close to the starting point or destination, the system may suggest an indirect route. | Adjust the location of the starting point or destination. |
| | The system may suggest an indirect route because route calculation does not take into consideration some areas such as narrow streets. | 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 update map data" (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. |

VOICE GUIDANCE

| Symptom | Possible cause | Possible solution |
|---|---|---|
| Voice guidance is not available. | 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. | Premium Traffic setting is not turned on. | Turn on the Premium Traffic setting. ☞ "Traffic information setting" (page 6-47) |
| | 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 6-44) |
| | 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 6-46) |
| The suggested detour route does not 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 6-44) |
| 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. |

## 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. |

| 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 |
| | Models without navigation system:<br>More than one audio device is connected to the USB connection ports. | 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.<br>☞ "System Voice settings" (page 7-7) |
| The USB/iPod® operation screen is grayed out. | The audio device is not connected. | Connect an audio device to the system. |
| | Models without navigation system:<br>An audio source to be operated with the Voice Recognition System has not been selected. | Select an audio source to operate with the Voice Recognition System.<br>☞ "System Voice settings" (page 7-7) |
| 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. |
| | A number of songs exceeding the amount the device can contain are stored in the connected audio device. | 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. |

| Symptom | Possible cause | Possible solution |
|---|---|---|
| | Partial or alias name is spoken. | For best results, speak the full name. |

**MEMO**

**MEMO**

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