

2027 NissanConnect®

OWNER'S MANUAL

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

FOREWORD

Thank you for purchasing a NISSAN vehicle.

This user's manual is for NissanConnect® System and Services featuring Apple CarPlay® and Android Auto offered in your NISSAN vehicle.

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

- Audio
- Hands-Free Phone
- Apple CarPlay®
- Android Auto
- NissanConnect® Services
- Navigation
- Voice Recognition System
- 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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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

1-800-NISSAN-1

(1-800-647-7261)

For Canadian customers

Nissan Canada Inc.

5290 Orbitor Drive

Mississauga, Ontario L4W 4Z5

1-800-387-0122

Table of contents

Introduction	0
Getting started	1
Audio system	2
Hands-Free Phone	3
Information	4
Navigation (if so equipped)	5
Voice recognition	6
Troubleshooting guide	7
Index	8

0 Introduction

How to use this manual 2
- Basic information 2
- For safe operation 2
- Reference symbols 2
- Screen illustrations 2
- Terms displayed on screen 2

Safety information 3

Regulatory information 4
- Bluetooth® devices 4

Trademarks 5

Legal disclaimer (for NissanConnect® Services) 7

Licenses 7
- Software Licenses 7
- Telematic Control Unit (if so equipped) 7

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.

< >

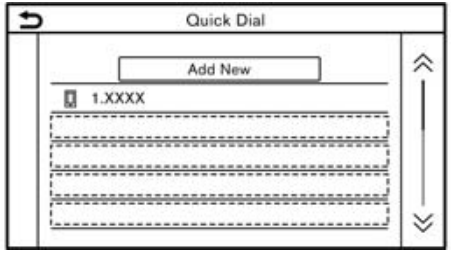
This indicates a button on the control panel or the steering wheel.

[ ]

This indicates a key/item displayed on the screen.

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 dealer. Ignoring such conditions may lead to accidents, fire or electrical shock.**

⚠ CAUTION

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

NOTE:

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

Models with NissanConnect® Services:

NissanConnect® Services may not be available in some regions. Completing the NissanConnect® Services registration is necessary to use NissanConnect® Services related functions.

REGULATORY INFORMATION

Bluetooth® DEVICES

FCC Regulatory Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.21

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

Radiofrequency radiation exposure Information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Model: AIVI2SBXM

Brand: BOSCH

Industry Canada Regulatory Statements

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure Information:

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

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LEGAL DISCLAIMER (for NissanConnect® Services)

Feature availability is dependent on vehicle model year, model, trim level, packaging and options. See https://www.nissanusa.com/connect/packages.html for details. Only use features and connected devices when safe and legal to do so. For important safety information, system limitations, and additional operating and feature information, see NissanConnect® owner's manual or your dealer.

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LICENSES

SOFTWARE LICENSES

- Open Source Software Licenses
  http://oss.bosch-cm.com/nissan.html
- This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

TELEMATIC CONTROL UNIT (if so equipped)

http://opensourceautomotive.com/IC/tZ7T3eE6AiV4

MEMO

1 Getting started

Control buttons and touch screen display 10
- Buttons on control panel 10
- Switches on steering wheel 10
- Touch screen display 11
- USB (Universal Serial Bus) connection ports 13

Starting system 14
- Basic information 14
- Start-up screen 14

Basic operation 14
- Basic information 14
- Selecting menu from Launch Bar 14
- How to view and operate HOME MENU screen 15
- Swipe-down notifications 16
- Functions disabled while driving 16

System settings 17
- Settings menu 17
- Connections settings 18

CONTROL BUTTONS AND TOUCH SCREEN DISPLAY

BUTTONS ON CONTROL PANEL

The control panel is located at the center of the instrument panel. Available functions, buttons, etc. may differ depending on the models, specifications and software versions.

<MENU>

Push to display the HOME MENU screen. For additional information, see "How to view and operate HOME MENU screen" (P. 15).

<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. For additional information, see "Selecting audio source" (P. 29).

< BACK>

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

Push and hold to quit the voice recognition session. For additional information, see "Voice Recognition System" (P. 100.)

< >

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.

<VOL/PUSH POWER>

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

< >/< >

Use for audio operations. For additional information, see "Audio operations" (P. 29).

<TUNE SCROLL/ENTER SETTING>

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

Push to confirm the selected item or setting.

The button can also be used for audio operations. For additional information, see "Audio operations" (P. 29).)

<MAP>

Push to display the current location map.

When a split map screen is displayed, push this button to display the full map screen. When available, voice guidance can be repeated by pushing and holding this button. For additional information, see "Navigation screen" (P. 66).

<DISP>

Push to display the display settings screen.

<CAMERA>

See the vehicle Owner's Manual for details of the monitor system.

SWITCHES ON STEERING WHEEL

Only the steering wheel switches that can be used for NissanConnect® System are explained here. For the switches that are not explained here, refer to the vehicle Owner's Manual. Available functions and switches may differ depending on the models, specifications and software versions.

<SOURCE>

Push to change the audio source on the vehicle information display.

<ENTER/ ▲ / ▼ >

Tilt to select the voice command while operating the Voice Recognition System.

Push to confirm the selected item while operating the Voice Recognition System menu screen. For additional information, see "Voice Recognition System" (P. 100).

This switch can also be used for audio operations. For additional information, see "Audio operations" (P. 29).

< >

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

< > (TALK)

Push to use the Voice Recognition System. Push and hold to end the voice recognition session. For additional information, see "Giving voice commands" (P. 100).

When Apple CarPlay® or Android Auto is active, pushing and holding this switch will start a Siri® or Google Assistant voice control session. For additional information, see "Siri® operation" (P. 60) or "Google Assistant™ operation" (P. 63).

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®. For additional information, see "Siri® Eyes Free" (P. 64).

If no Bluetooth® device is registered and Apple CarPlay® or Android Auto is not active, the Devices screen can be displayed by pushing and holding this switch. For additional information, see "Setting devices" (P. 18).

< >

Push to answer a received call, to end an active call or to read a received text message. Push and hold to reject an incoming call or to ignore a received text message.

When no phone call is received or when there is no active call, pushing this switch will display the phone screen.

Depending on conditions, pushing and holding this switch will start a voice recognition session for making a phone call. For additional information, see "Hands-Free Phone" (P. 38).

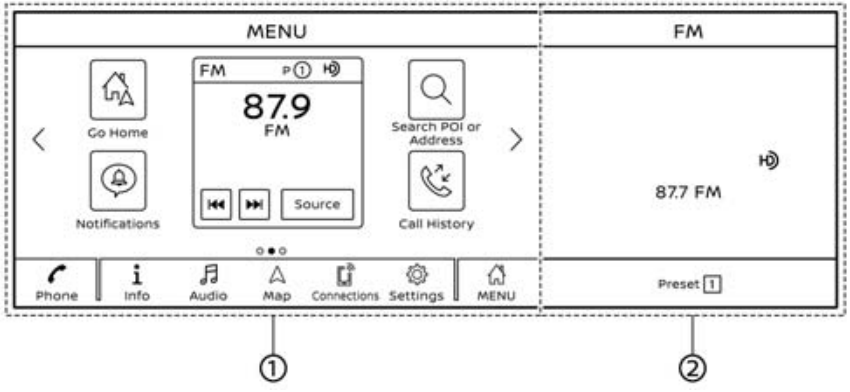
TOUCH SCREEN DISPLAY

Basic information

Touch screen display is located at the center of the instrument panel.

The touch screen display consists of two screens; the Main screen and the Widget screen. For models with navigation system, a full-size map screen can also be displayed on the entire space of the display while using the navigation system. For additional information, see "Map types" (P. 67).

The layout and the items displayed on the screen may vary depending on the models, specifications and software versions.



Example

1. Main screen:

   Functions such as navigation system (if so equipped), audio system, Bluetooth® Hands-Free Phone System, Voice Recognition System, etc., can be viewed and operated on this screen.

2. Widget screen:

   Widgets such as information/status of navigation (if so equipped), audio, weather, clock, etc., can be displayed on this screen.

   The type of widget can be selected from the settings screen. For additional information, see "System settings" (P. 17).

Liquid crystal display

The touch screen 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.
- If the temperature inside the vehicle is especially high, the display may become dim. This occurs to protect the display and is not a malfunction. The brightness will turn to normal when the temperature inside the vehicle lowers.
- 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 liquid crystal 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 water 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 ignition switch in the OFF position. If the display is cleaned while the ignition switch is placed in the ON position, unintentional operation may occur.**
- **To clean the display, never use a rough cloth, alcohol, benzine, thinner or any kind of solvent or paper towel with a chemical cleaning agent. They will scratch or deteriorate the panel.**
- **Do not splash any liquid, such as water or car fragrance, on the display. Contact with liquid will cause the system to malfunction.**

USB (Universal Serial Bus) CONNECTION PORTS

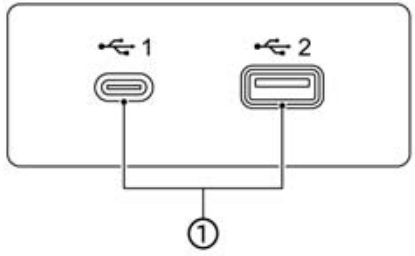
NOTE:

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



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 ignition switch is placed in the ACC or ON position.

START-UP SCREEN

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

After an animated start-up screen is displayed, a message screen will be displayed. When a confirmation screen is displayed depending on the conditions, 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.

NOTE:

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

BASIC OPERATION

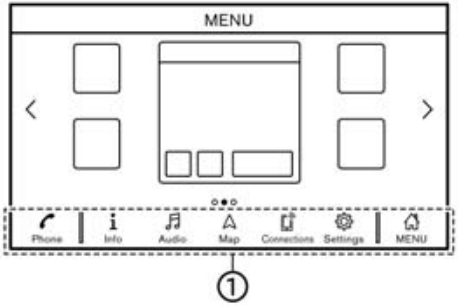
BASIC INFORMATION

The system can be operated with the touch panel operation on the Main screen as well as the buttons/switches. For additional information, see "Touch screen display" (P. 11) or "Control buttons and touch screen display" (P. 10).

This manual mainly describes the touch panel operation.

The layout and the items displayed on the screen may vary depending on the models, specifications and software versions.

SELECTING MENU FROM LAUNCH BAR



Example

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 which are displayed on the Main screen. (The Launch Bar does not appear on some screens such as scrolled map screen (if so equipped), keyboard screen, etc.)

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

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> on the control panel:

Shortcuts for various functions are displayed.

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

- [Phone]* For additional information, see "Phone" (P. 40).
- [Info] For additional information, see "Information menu" (P. 48).
- [Audio] For additional information, see "Audio operations" (P. 29).
- [Map] For additional information, see "Displaying navigation screen" (P. 66).
- [Connections] For additional information, see "Connections settings" (P. 18).
- [Settings] For additional information, see "System settings" (P. 17).
- [MENU] For additional information, see "How to view and operate HOME MENU screen" (P. 15).

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

When pushing <AUDIO> on the control panel:

Shortcuts mainly for the audio functions are displayed. For additional information, see "Selecting audio source" (P. 29).

When pushing <MAP> on the control panel (if so equipped):

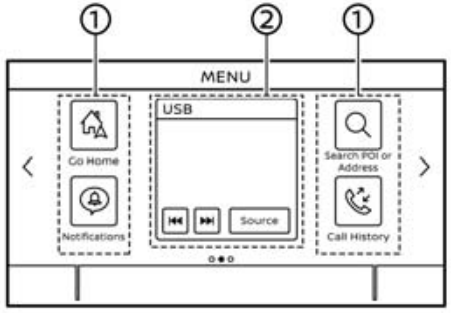
Shortcuts mainly for the navigation functions are displayed. For additional information, see "Launch Bar" (P. 66).

HOW TO VIEW AND OPERATE HOME MENU SCREEN

Basic information

Push **<MENU>** on the control panel or touch [MENU] on the Launch Bar 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.

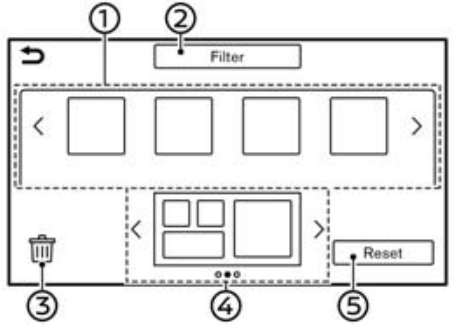
2. Widget:

   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. For additional information, see "Settings Menu" 17.)
2. Touch [Customize Menus].
3. Touch [Customize Home Menu].
4. Drag the shortcut or widget icon ① to each page layout ④.

   If a different shortcut or a widget is already located on the page layout ④, a message will be displayed. Touch [Yes] to replace the shortcut/widget.

   The categories of shortcuts or widgets can be narrowed down by touching [Filter] ② and selecting preferred categories.

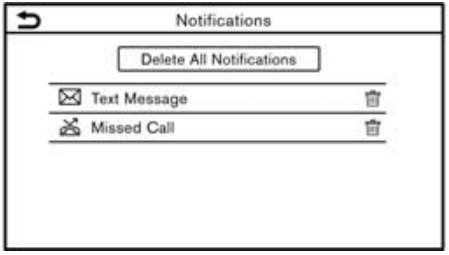
   Dragging an icon into the [ ] ③ can delete the current shortcut or widget to create a blank spot.

INFO:

- **To delete all shortcuts and widgets at once, touch [ ] ③, and then [Select All]. All shortcuts and widgets of the selected page can be deleted by touching [Delete].**
- **Touch [Reset] ⑤ to reset the HOME MENU screen to the default setting.**

SWIPE-DOWN NOTIFICATIONS

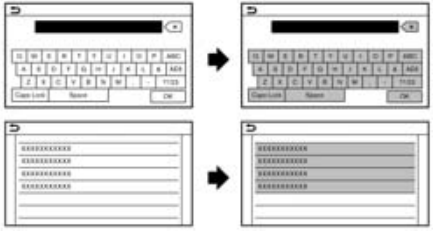
Depending on the screen, by swiping down on the touch screen display, a list of notifications (such as missed calls, text message reception, etc.) can be displayed.



INFO:

- **Touch an item on the list to see the details of the item.**
- **Touch [ ] to delete an item.**
- **Touch [Delete All Notifications] to delete all items.**

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® Services (if so equipped), Bluetooth® functions, and other various functions

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

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

SYSTEM SETTINGS

SETTINGS MENU

Basic information

The system settings can be changed for personal convenience.

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

If [Settings] is not displayed on the Launch Bar on the screen currently displayed, touch [MENU] on the Launch Bar or push **<MENU>** on the control panel to switch to the HOME MENU screen where [Settings] is available.

Available setting items

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

Connections

Displays the Devices, Wi-Fi (if so equipped) and USB settings screen. For additional information, see "Connections settings" (P. 18).

Phone

Displays the phone and text message settings screen. For additional information, see "Phone and text message settings" (P. 44).

Navigation

Displays the navigation settings screen. For additional information, see "Navigation settings" (P. 87).

Sound

Displays the audio settings screen. For additional information, see "Audio settings" (P. 35).

Volume & Beeps

Adjusts the volume of various functions including audio, phone, navigation voice guidance and system beeps.

Clock

Displays clock settings screen.

Customize Menus

- [Customize Home Menu]
  Displays the HOME MENU editing screen. For additional information, see "Customizing HOME MENU screen" (P. 15).
- [Customize Audio Sources]
  Displays the editing screen for audio source menus on the Launch Bar. For additional information, see "Selecting audio source" (P. 29).
- [Customize Split Screen]
  A type of widget to be displayed on the Widget screen can be selected. For additional information, see "Touch screen display" (P. 11).

NissanConnect Services

Displays the NissanConnect® Services settings screen. For additional information, see "NissanConnect® Services settings" (P. 56).

System Voice

Displays the system voice settings screen. For additional information, see "System Voice settings" (P. 102).

Camera

Displays the camera settings screen.

See the vehicle Owner's Manual for details of the monitor system.

Parking Sonar

Displays the parking sonar settings screen.

See the vehicle Owner's Manual for details of the sonar system.

Others

- [Display]
  Adjusts the display settings.
- [Language]
  Changes the language used in the system.
- [Units]
  Changes the units used in the system.
- [Keyboard Type]
  Selects the keyboard layout of the character input screens.
- [Return All Settings to Default]
  Resets all settings to default.

System Updates

- [Version Information]
  Displays the information of the Software Version, Map Version, etc.
- [Software Update]
  The system software can be updated. For additional information, see "Updating system software (if so equipped)" (P. 49).
- [Map Update]
  The map data can be updated. For additional information, see "How to update map data" (P. 94).

Apps

- [Smartphone Connection]
  Displays the connection settings screen. For additional information, see "Connections settings" (P. 18).
- [Notifications]
  Displays the swipe-down notification settings screen. For additional information, see "Swipe-down notifications" (P. 16).

INFO:

- **The system software update (if so equipped) and map update (if so equipped) menus can also be accessed from [System Information] on the information screen. For additional information, see "Information menu" (P. 48).**
- **Do not change the position of the ignition switch while changing the language.**

- **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.

CONNECTIONS SETTINGS

Basic information

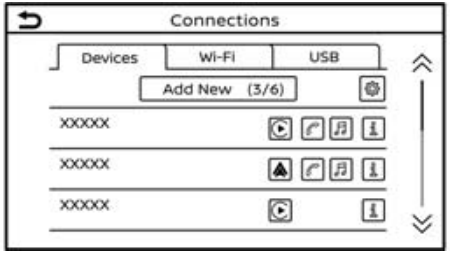
Changing the settings and viewing information of connected devices, Wi-Fi (if so equipped) and USB are available on the Connections screen.

Setting devices

Settings of the devices connected via Bluetooth®, USB or Wi-Fi (if so equipped), such as smartphones used for Hands-Free Phone, Apple CarPlay®, Android Auto, etc., can be changed.

The information of the devices can also be confirmed. For additional information, see "Apple CarPlay®" (P. 58), or "Android Auto™" (P. 61), or "USB memory device, iPod® or Bluetooth® audio operation" (P. 33) or "Bluetooth® Hands-Free Phone System" (P. 38).

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. Push **<MENU>** on the control panel and touch [Connections].
2. Touch [Devices] and touch [Add New]. A message is displayed.
3. Operate as guided by the system. (Operations may differ depending on the device.)

INFO:

If no Bluetooth® device is registered and Apple CarPlay® or Android Auto is not active, the same screen can be displayed by pushing and holding < > on the steering wheel.

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 device will be added to the list on the Devices screen.**
- **Touching the name of the other device on the list will switch the connected device.**
- **Touching [ ] will allow the device to activate/deactivate Apple CarPlay®. This icon is displayed if the device is compatible with Apple CarPlay®.**
- **Touching [ ] will allow the device to activate/deactivate Android Auto. This icon is displayed if the device is compatible with Android Auto.**
- **Touching [ ] will allow the device to be connected via Bluetooth® and be used on the Hands-Free Phone System.**
- **You can set a favorite phone device from the Bluetooth® setting menu. The phone device selected as a favorite will be marked with "★". For additional information, see "Setting devices" (P. 18).**
- **Touching [ ] will allow the device to be connected via Bluetooth® and be used for Bluetooth® audio.**
- **Touching [ ] will display the information of the device.**
- **Up to 6 Bluetooth® devices can be connected. If 6 devices are already connected, one of the devices must be deleted before connecting another device.**
- **The pairing procedure varies according to each device. See the device Owner's Manual for the details.**
- **Regarding recommended Bluetooth® devices, contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/.**

Device settings:

The device settings can be changed according to your preference.

1. Push **<MENU>** on the control panel and touch [Connections].
2. Touch [Devices].
3. Touch [ ].

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

Available setting items

[Bluetooth]

Bluetooth® settings can be changed.

[Android Auto Settings]

Changes the Network Name (SSID) or generates a new password.

[Wi-Fi]

Turns the Wi-Fi connection on/off.

Device information:

You can display the information of the devices connected to the vehicle.

1. Push **<MENU>** on the control panel and touch [Connections].
2. Touch [Devices].
3. Touching [ ] by the device name will display the information of the device.

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

Available items

[Delete]

Paired devices can be deleted from the list.

[Device Information]

Displays the information of connected Bluetooth® device.

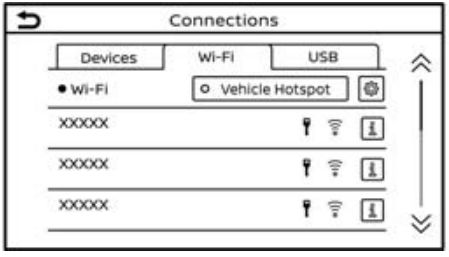
[Smartphone Projection]

Displays the smartphone settings screen. For additional information, see "Apple CarPlay®" (P. 58) or "Android Auto™" (P. 61).

Wi-Fi setting (if so equipped)

A Wi-Fi connection can be made by using an available Wi-Fi network near the vehicle or using the Wi-Fi hotspot function (if so equipped), etc. Wi-Fi connectivity is useful for updating map data (if so equipped) and system software (if so equipped), or using online services. For additional information, see "Updating system software (if so equipped)" (P. 49) or "How to update map data" (P. 94).

Connecting to a Wi-Fi network:



Example

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

1. Push **<MENU>** on the control panel and touch [Connections].
2. Touch [Wi-Fi].
3. 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.
4. 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 system can connect to only WPA2 security network (not connect to WEP, WPA1 network).**
- **Wi-Fi networks that require a web browser cannot be accessed through this unit.**

Wi-Fi settings:

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

1. Push **<MENU>** on the control panel and touch [Connections].
2. Touch [Wi-Fi].
3. Touch [ ].
4. Touch a preferred item.

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

Available setting items

[Wi-Fi]

Turns the Wi-Fi connection on/off.

[Vehicle Hotspot]

Turns the vehicle hotspot on/off.

[Network Name (SSID)]

The Wi-Fi network name can be changed.

[Password]

The Wi-Fi network password can be changed.

Deleting Wi-Fi network:

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

1. Push **<MENU>** on the control panel and touch [Connections].
2. Touch [Wi-Fi].
3. Touch [ ] by the name of the network you wish to delete.
4. Touch [Forget This Network]. Touch [Yes] when a message appears.

Using Wi-Fi hotspot (if so equipped):

The Wi-Fi hotspot function enables you to connect devices such as a laptop computer or a tablet computer to the vehicle. You can access the Internet using TCU (Telematics Control Unit) (if so equipped) installed in your vehicle when a service provider's subscription is active. Up to 7 devices can be connected to the Wi-Fi hotspot.

INFO:

To use the Internet, a subscription with the service provider is required in advance. Consult your cellular provider for details.

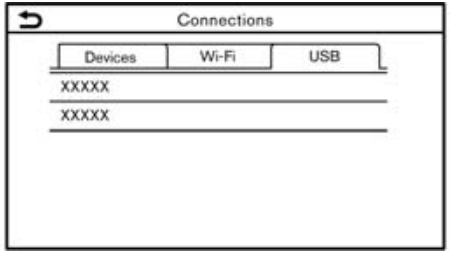
1. Push **<MENU>** on the control panel and touch [Connections].
2. Touch [Wi-Fi].
3. Touch [Vehicle Hotspot]. Network Name (SSID) and password will be displayed.
4. Select the in-vehicle Network Name (SSID) on your device.
5. Enter the network password on the device to connect to the in-vehicle Wi-Fi network.

INFO:

- **Enabling the Wi-Fi hotspot functionality of your device may incur additional charges from your cellular provider. Consult your cellular provider contract regarding the communication fee.**
- **The data transfer may be limited depending on the contents.**
- **Accessibility may be disabled depending on radio wave reception.**
- **When the automatic connection is active on your device and the Network Name (SSID) is already registered, turning [Vehicle Hotspot] on will automatically connect the device to the vehicle.**
- **The Wi-Fi hotspot function cannot be used while wireless Apple CarPlay® or wireless Android Auto (if so equipped) is in use.**
- **The other wireless communication may cause interference with the Wi-Fi Hotspot function and a delay may occur.**
- **When operating the device in the vehicle, always obey the legal requirements in the state or province where you are driving.**

Displaying USB device information

The information of the connected USB device can be viewed.



Example

1. Push **<MENU>** on the control panel and touch [Connections].
2. Touch [USB].
3. Touch the name of the device you wish to check. The name and the type of the device are displayed.

MEMO

2 Audio system

Audio operation precautions 24
- Basic information 24
- Radio 24
- USB (Universal Serial Bus) connection port 25
- Compressed audio files (MP3/WMA/AAC) 26
- Bluetooth® audio 28

Audio operations 29
- Audio main operation 29
- Radio 30
- USB memory device, iPod® and Bluetooth® audio player 32
- Smartphone audio 34

Audio settings 35
- Basic information 35
- Audio adjustments with audio adjust bar 35

USB memory device care and cleaning 35
- USB memory device 35

AUDIO OPERATION PRECAUTIONS

BASIC INFORMATION

⚠ CAUTION

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

RADIO

Basic information

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

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

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

Radio reception

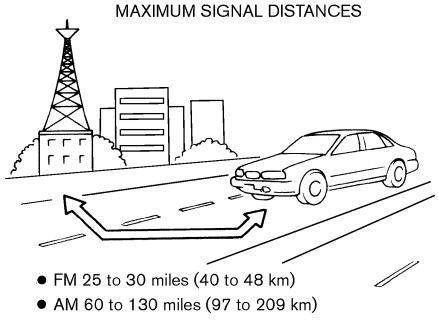
Your radio system is equipped with state-of-the-art electronic circuits to enhance radio reception. These circuits are designed to extend reception range, and to enhance the quality of that reception.

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

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

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

FM radio reception



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

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

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

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

AM radio reception

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

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

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

HD Radio™ Technology reception (if so equipped)

HD Radio Technology reception needs to be activated to receive HD Radio broadcasts. For additional information, see "Radio Menu" (P. 31).

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

Satellite radio reception

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

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

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

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

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

USB (Universal Serial Bus) CONNECTION PORT

⚠ 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®.

Compatibility:

- iPhone® 15 Pro Max
- iPhone® 15 Pro
- iPhone® 15 Plus
- iPhone® 15
- iPhone® 14 Pro Max
- iPhone® 14 Pro
- iPhone® 14 Plus
- iPhone® 14
- 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® SE (3rd generation)
- iPhone® SE (2nd generation)

INFO:

- **Make sure that iOS is updated.**
- **Phone software and iOS updates may impact operation/connectivity.**
- **Refer to your device manufacturer's owner information regarding the proper use and care of the device.**

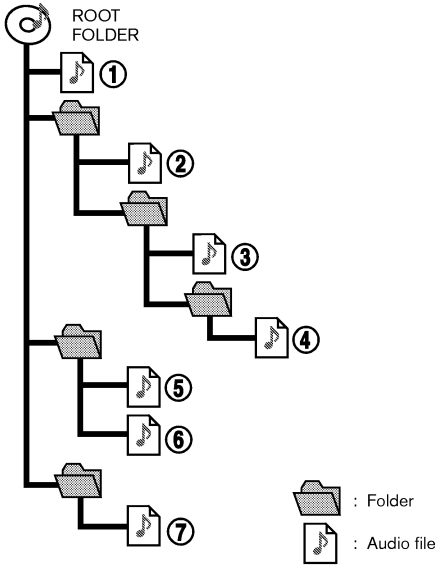
COMPRESSED AUDIO FILES (MP3/WMA/AAC)

Explanation of terms

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

- Multisession — Multisession is one of the methods for writing data to media. Writing data once to the media is called a single session, and writing more than once is called a multisession.
- ID3/WMA tag — The ID3/WMA tag is the part of the encoded MP3 or WMA file that contains information about the digital music file such as song title, artist, album title, encoding bit rate, track time duration, etc. ID3 tag information is displayed on the Album/Artist/Track title line on the display.
- 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

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

MP3 *1

- MPEG1
  Layer-3
  – Sampling frequency
    32, 44.1, 48 kHz
  – Supported bitrate
    32-320 kbps
- MPEG2
  Layer-3
  – Sampling frequency
    16, 22.05, 24 kHz
  – Supported bitrate
    8-160 kbps

WMA *2

- Sampling frequency
  8, 11.025, 16, 22.05, 32, 44.1, 48 kHz
- Supported bitrate
  12-192 kbps

AAC (MPEG4) *3 (Extension "m4a" only)

- Sampling frequency
  11.025, 16, 22.05, 32, 44.1, 48 kHz
- Supported bitrate
  8-320 kbps

FLAC

- Sampling frequency
  8-192 kHz
- Supported bitrate
  128-12,288 kbps

Wav

- Sampling frequency
  8-192 kHz
- Supported bitrate
  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.

AUDIO OPERATIONS

AUDIO MAIN OPERATION

Turning audio system on/off

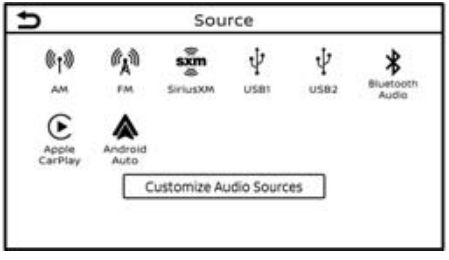
The ignition switch must be in the ACC or ON position to turn on the audio system. Push **<VOL/PUSH POWER>** on the control panel to turn on the last audio source that was playing immediately before the system was turned off. To turn off the audio system, push **<VOL/PUSH POWER>** on the control panel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

INFO:

The audio system can also be turned on by turning <VOL/PUSH POWER> on the control panel when the system is turned off.

Selecting audio source

Selecting from source menu screen:



Example

To display the audio source menu screen, take one of the following actions.

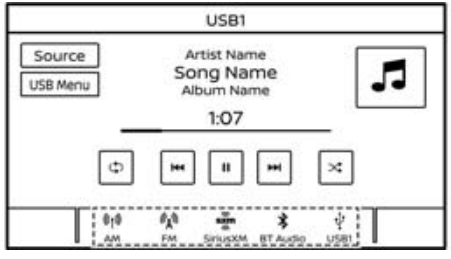
- Push **<AUDIO>** on the control panel when the audio screen is displayed.
- Touch [Source] on the upper left corner of the audio screen.

Select an audio source you prefer to play.

INFO:

The audio source can also be changed by operating the vehicle information display. Refer to the vehicle Owner's Manual for the detail of the vehicle information display.

Selecting from Launch Bar:

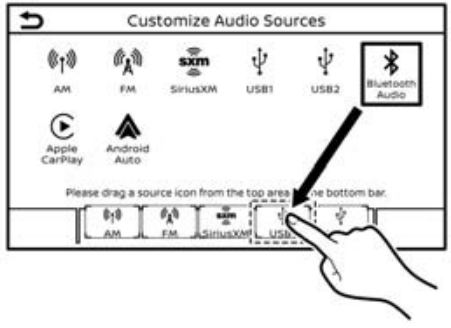


Example

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.

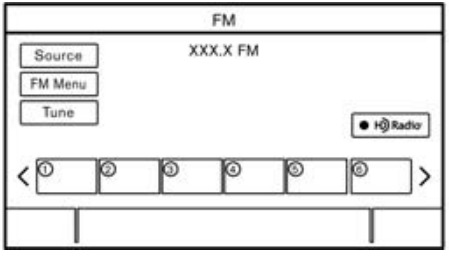


Example

1. Push **<AUDIO>** on the control panel 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.

RADIO

Radio operation



Radio activation and band selection:

To listen to the radio, turn on the audio system and select a preferred radio band. For additional information, see "Selecting audio source" (P. 29).

INFO:

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

AM/FM radio and SiriusXM® Audio operation:

General operations of AM/FM radio and SiriusXM® Audio are as follows.

Available functions and buttons/switches may vary depending on the models, specifications, software versions and conditions.

Manual tuning

- AM/FM
  Control panel
  – Turn **<TUNE SCROLL/ENTER SETTING>**.
- SiriusXM® Audio
  Control panel
  – Push **< ⏮ >/< ⏭ >**.
  – Control panel and touch screen display
  – Turn **<TUNE SCROLL/ENTER SETTING>** and select a preferred channel from the channel list displayed.

Fast tuning

Control panel

- Push and hold **< ⏮ >/< ⏭ >**.

Seek tuning

- AM/FM
  Control panel
  – Push **< ⏮ >/< ⏭ >**.
  – Steering wheel switch
  – Tilt and hold **<ENTER/ ▲ / ▼ >**.

Direct tuning

- AM/FM
  – Touch screen display
  – To directly tune to the preferred stations, touch [Tune] on the AM/FM radio screen and then enter the radio frequency.
- SiriusXM® Audio
  – Control panel and touch screen display
  – Turn **<TUNE SCROLL/ENTER SETTING>** to display the channel list screen. Touch [Direct Tune] and then enter the channel number.

Presetting stations/channels

Touch screen display

Up to 36 stations/channels of AM/FM radio and/or SiriusXM® Audio 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 on the radio screen.

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

Stations/channels registered in the presets can be deleted using [Manage Presets] on the [AM Menu], [FM Menu] and [SXM Menu] screens. For additional information, see "Radio menu" (P. 31).

Selecting preset stations/channels

Steering wheel switch

Tilt **<ENTER/ ▲ / ▼ >**.

Touch screen display

Briefly touch a preferred station/channel on the preset list on the radio screen.

Replay

SiriusXM® Audio

- Touch screen display

– Touch the operation keys on the SiriusXM® Audio screen to store the channel currently playing, and to operate (fast forward, rewind, pause, etc.) the stored content.

Setting notifications

SiriusXM® Audio

- Touch screen display
  – Touch [Notify] on the SiriusXM® Audio screen to display a list of artists, songs or teams registered as favorites. Notification settings can be turned on/off on the list. Touch [Manage Notifications] to display the notification settings management screen.

Viewing related channels

SiriusXM® Audio

- Touch screen display
  – Touch [Related] on the SiriusXM® Audio screen to view the channel information related to the one that is currently playing.

Selecting categories

SiriusXM® Audio

- Touch screen display
  – Touch [Categories] on the SiriusXM® Audio screen to choose a channel by selecting from category list.

INFO:

- **To turn on the HD Radio mode (if so equipped), touch the HD Radio mode on/off key on the radio screen.**
- **HD Radio reception (if so equipped) needs to be enabled to receive HD Radio broadcasts. This enables you to receive radio broadcasts digitally (where available), providing a better quality sound with clear reception. When this feature is not enabled or HD Radio broadcasts are not available, you will receive analog radio (AM/FM) broadcasts.**

Radio Menu

Touch [AM Menu], [FM 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.

[AM Menu]/[FM Menu]:

[SCAN]

Touch to scan tune the stations. 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 AM or FM menu screen.

[Manage Presets]

Touch to display the list of registered preset stations/channels. Touching [🗑] by the station/channel name can cancel the registration.

Station List

The station list is displayed on the right side of the AM and FM menu screen.

[SXM Menu]:

[Now Playing]

Touch to display the SiriusXM® screen.

[Listener History]

Touch to display the history of played channels.

[Help & Support]

Touch to display the customer care URL and phone number. If your phone device is connected for hands-free phone operation, you can call the customer care by touching [Call SiriusXM]. For additional information, see “Setting Devices” (P. 18).

[Manage Presets]

Touch to display the list of registered preset stations/channels. Touching [🗑] by the station/channel name can cancel the registration.

[Notifications]

Touch to turn on/off the notification to inform you when the song, artist, team for games, etc., registered as your favorites are on air.

Touch [Manage] to register your favorite artists, songs and teams. Notification setting in further detail can also be changed.

[Block Explicit]

Touch to set the channels you wish to block, such as channels with age restrictions.

[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.

[Reset History and Recommendations]

Touch to reset the history of the played and recommended channels.

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 ignition switch from LOCK to ACC to update the SiriusXM® channel list.**

USB MEMORY DEVICE, iPod® AND Bluetooth® AUDIO PLAYER

Basic information

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.**

Some or all of the described functions may not be supported depending on the devices.

Connection and activation

USB memory device:

Connection

Connect a compatible USB memory device into the port. For additional information, see "USB (Universal Serial Bus) connection ports" (P. 13).

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

Activation

USB memory device can be played by selecting the source on the audio source menu screen. For additional information, see "Selecting audio source" (P. 29).

iPod®:

Connection

Connect a compatible iPod® to the USB connection port via a USB cable. For additional information, see "USB (Universal Serial Bus) connection ports" (P. 13).

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 firmware version of the iPod®, the display on the iPod® shows a NISSAN or Accessory Attached screen when the connection is completed.

When the iPod® is connected to the vehicle, the iPod® music library can only be operated by the vehicle audio controls.

Activation

The iPod® can be played by selecting the source on the audio source menu screen. For additional information, see "Selecting audio source" (P. 29).

Bluetooth® audio:

Connection

Connect a compatible streaming audio compatible Bluetooth® device with streaming audio capability (A2DP profile) to set up a wireless connection between the Bluetooth® device and the in-vehicle system. Bluetooth® connection can be set up from the Connections screen. For additional information, see "Setting devices" (P. 18).

INFO:

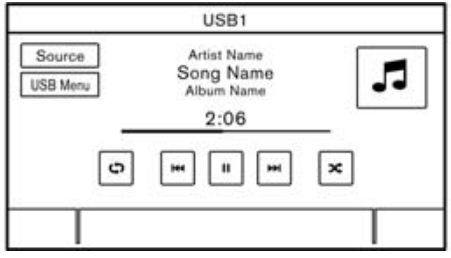
- **Connection is subject to compatibility of phone and operating software.**
- **Depending on the Bluetooth® audio device that is connected, it may not be possible to perform audio operations or a delay may occur before music is played back.**
- **Not all Bluetooth® devices have the same level of controls for AVRCP. 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.**

Activation

A Bluetooth® audio device can be played by selecting the source on the audio source menu screen. For additional information, see "Selecting audio source" (P. 29).

USB memory device, iPod® or Bluetooth® audio operation

Basic information



General operations of USB memory device, iPod® and Bluetooth® audio are as follows.

Available functions and buttons/switches may vary depending on the models, specifications, software versions and conditions.

Play

Touch screen display

- Touch [▶] on the audio screen.

Pause

Touch screen display

- Touch [⏸] on the audio screen.

Selecting audio source

Touch screen display

- Touch [Source] on the audio screen to select an audio source from the source menu screen. For additional information, see "Selecting audio source" (P. 29).

Displaying menu screens

Touch screen display

- Touch the menu keys (such as [USB Menu], [iPod Menu], etc.) on the audio screens.

Skipping tracks

Control panel

- Push **< ⏮ >/< ⏭ >**.
- Turn **<TUNE SCROLL/ENTER SETTING>**.

Steering wheel switch

- Tilt **<ENTER/ ▲ / ▼ >**.

Touch screen display

- Touch [⏮]/[⏭].

Selecting folders and tracks

Touch screen display

- Touch the menu keys (such as [USB Menu], [iPod Menu], etc.) on the audio screens to display folder or track list. Select a preferred folder or track from the list. For additional information, see "USB memory device, iPod® or Bluetooth® audio menu" (P. 34).

Rewinding/fast-forwarding

Control panel

- Push and hold **< ⏮ >/< ⏭ >**.

Steering wheel switch

- Tilt and hold **<ENTER/ ▲ / ▼ >**.

Touch screen display

- Touch and hold [⏮]/[⏭].

Changing play mode (repeat/random)

Touch screen display

- Touch [🔁] to change the repeat mode, and touch [🔀] to change the random mode.

USB memory device, iPod® or Bluetooth® audio menu

Touch [USB Menu], [iPod Menu] and [Menu] (Bluetooth® audio menu) on each audio screen to display the corresponding audio menu screen.

Available setting items may vary depending on models, specifications, software versions and the connected audio device.

Depending on the connected device, [Menu] (Bluetooth® audio menu) may not be displayed.

[Now Playing]

Touch to display the current playing audio screen.

[Current List]

A list of tracks in the currently selected category is displayed.

[Folder List]

Touch to display the folder list. Touch an item on the list to select the folder.

The subfolder or track list will be displayed. Select a subfolder or track from the list.

[Album Artwork]

Touch to turn on/off the album artwork display on the audio screens.

[Playlists], [Artists], [Albums], [Songs], [Genres], [Composers], [Audiobooks], [Podcasts],

Touch to display the list according to the selected item.

[Connections]

Touch to display the Connections screen. For additional information, see "Connections settings" (P. 18).

SMARTPHONE AUDIO

Basic information

You can also listen to music from your compatible smartphone using Apple CarPlay® or Android Auto. For additional information, see "Apple CarPlay®" (P. 58) or see "Android Auto™" (P. 61).

Connecting smartphone

Connect the iPhone® or Android phone to the USB connection port. For additional information, see "USB (Universal Serial Bus) connection ports" (P. 13).

Depending on the models, specifications and software versions, compatible smartphones can also be connected wirelessly for Apple CarPlay® or Android Auto (if so equipped). For additional information, see "Connecting iPhone® wirelessly (if so equipped)" (P. 59) or "Connecting Android phone wirelessly (if so equipped)" (P. 62).

Smartphone audio operation

1. Connect the iPhone® or Android phone and activate Apple CarPlay® or Android Auto.
2. Push **<AUDIO>** on the control panel.
3. Touch [Source].
4. Touch [Apple CarPlay] or [Android Auto] in the audio source menu screen, and the smartphone audio starts activating. For additional information, see "Selecting audio source" (P. 29).

AUDIO SETTINGS

BASIC INFORMATION

Audio settings can be adjusted with the following procedure.

1. Touch [Settings] on the Launch Bar. For additional information, see "Settings menu" (P. 17).
2. Touch [Sound].

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

[Bass], [Middle], [Treble], [Balance], [Fade]

Adjust the speaker tone quality and sound balance by touching [-]/[+], [L]/[R] or [R]/[F].

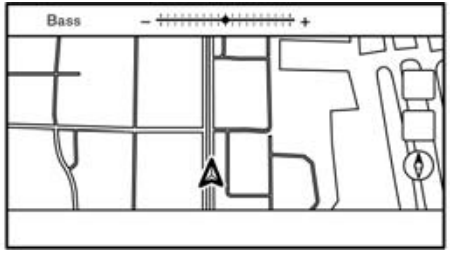
[Bass Enhancer]

When this item is turned on, the system enhances bass sound.

[Speed Sensitive Vol.]

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/ENTER SETTING>** on the control panel.

When the list screen is not displayed, pushing the button will display the audio adjustment bar. Each time the button is pushed, the menu will shift to the available setting items.

Turn the button 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 AND CLEANING

USB MEMORY DEVICE

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

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

MEMO

3 Hands-Free Phone

Bluetooth® Hands-Free Phone System 38
Basic information 38
Phone screen 39
Indicators 39
Phone 40
Hands-free text messaging assistant 41
Phone and text message settings 44

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 starting the engine.

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

Once a cellular phone is connected to the in-vehicle phone module, the 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 ignition 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. For additional information, see "Voice Recognition System" (P. 100).

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. Connection is subject to compatibility of Phone and operating software.
- Some Bluetooth® enabled cellular phones may not be recognized by the in-vehicle phone module. If the system seems to be malfunctioning or not connecting to the phone, contact a NISSAN dealer or visit the website below for a recommended phone list and troubleshooting help.
  www.nissanusa.com/bluetooth/
- When Apple CarPlay® or Android Auto is active, Apple CarPlay® or Android Auto will take the place of your Bluetooth® Hands-Free Phone functionality.
- You will not be able to use a hands-free phone under the following conditions:
  - Your vehicle is outside of the telephone service area.
  - Your vehicle is in an area where it is difficult to receive radio waves; such as in a tunnel, in an underground parking garage, behind a tall building or in a mountainous area.
  - Your cellular phone is locked in order to prevent dialing.
- When the radio wave condition is not ideal or ambient sound is too loud, it may be difficult to hear the other person's voice during a call.
- Immediately after the ignition switch is placed in the ACC or 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.

- 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. For additional information, see "Control buttons and touch screen display" (P. 10).
- 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 or by pushing **<** **>** on the steering wheel.

Available items

[Quick Dial]

Displays the Quick Dial screen. For additional information, see "Making a call" (P. 40).

[Phonebook]

Displays the phonebook screen. For additional information, see "Making a call" (P. 40).

[Call History]

Displays the call history screen. For additional information, see "Making a call" (P. 40).

[Dial Number]

Displays the phone number entry screen. For additional information, see "Making a call" (P. 40).

[Text Message]

Displays the received message list screen. For additional information, see "Displaying received message list." (P. 42).

[Connections]

Displays the connection screen. For additional information, see "Setting devices" (P. 18).

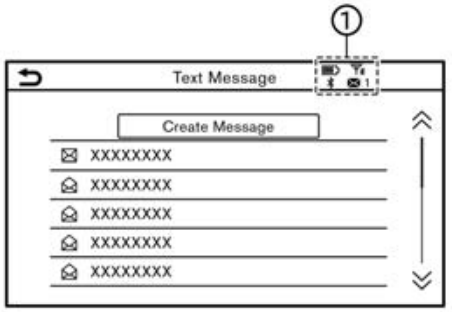
[Phone Volume]

Displays the volume adjustment screen. For additional information, see "Volume settings" (P. 44).

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 indicators may vary depending on models, specifications and software versions.

1

Indicates the number of unread received messages.

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 registered to the Bluetooth® Hands-Free Phone System before operation. Up to 6 Bluetooth® devices can be registered to the system. For additional information, see "Setting devices" (P. 18).

Phone selection

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

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

   When the connection is successful, "Connected (Ready for use)" is displayed under the device name.

   If [ ] is displayed in gray, touch [ ].

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.

   [Quick Dial]

   Select a telephone number registered as a Quick Dial number. For additional information, see "Quick Dial" (P. 45).

   [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. For additional information, see "Phone settings" (P. 44).

   [Call History]

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

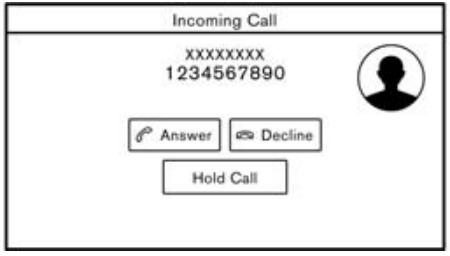
   [Dial Number]

   Enter the phone number manually using the keypad displayed on the screen.

INFO:

Either of the two connected phone devices can be selected for dialing operation when [Allow 2 Phones Simultaneously] is turned on. For additional information, see "Setting devices" (P. 18).

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].

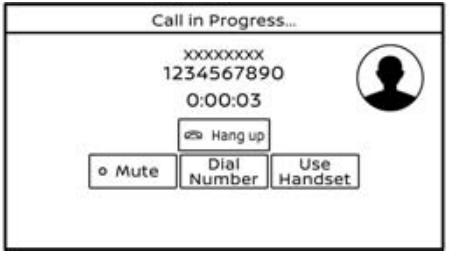
Holding a call:

To hold the call, touch [Hold Call].

INFO:

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, take one of the following actions.

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

[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. Touch 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/PUSH POWER> on the control panel while talking on the phone.

Ending a call:

Push **<** **>** on the steering wheel to end an active call.

Call from a second person:

When another phone call is received during a call, the call waiting screen will appear. Operate the buttons and screens accordingly.

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.**

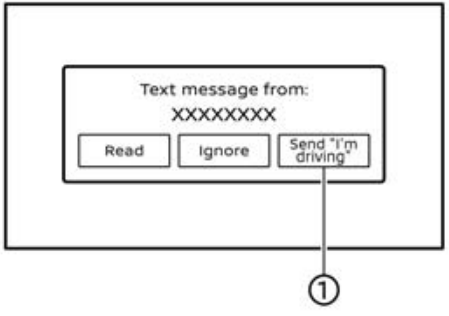
CAUTION

This feature is disabled if the connected device does not support it. See the phone's 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.

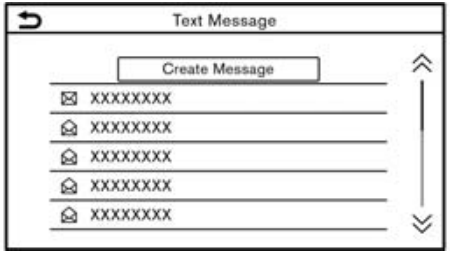
If you want to respond using a predefined message, touch the message for auto reply ①.

The text message for auto reply can be edited. For additional information, see "Phone settings" (P. 44).

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 < > on the steering wheel to read the message. Push and hold < > on the steering wheel to ignore the message.**

Displaying received message list

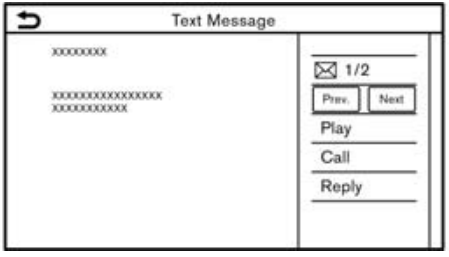


1. Touch [Phone] on the Launch Bar.
2. Touch [Text Message].
3. Touch an item on the list to read or reply to the message.

INFO:

- **Up to 100 messages can be stored in the message list.**
- **Either of the connected phone devices can be selected for text message viewing operation when [Allow 2 Phones Simultaneously] is turned on. For additional information, see "Setting devices" (P. 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:

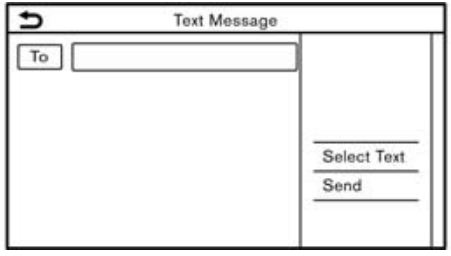
- [Prev.]:
  Touch to read the previous message.
- [Next]:
  Touch to read the next message.
- [Play]/[Stop]:
  Touch [Play] to have the hands-free phone system read out the received message. Touch [Stop] to stop reading.
- [Call]:
  If the sender of the message is registered in the Phonebook, touch to make a call to the sender.
- [Reply]:
  A reply message can be selected from the template. For additional information, see "Sending a text message" (P. 43).

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/PUSH POWER> on the control panel.**

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:

Either of the connected phone devices can be selected for text message sending operation when [Allow 2 Phones Simultaneously] is turned on. For additional information, see "Setting devices" (P. 18).

The following items are available.

[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. For additional information, see "Phone and text message settings" (P. 44).

[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. For additional information, see "Settings menu" (P. 17).
2. Touch [Phone].

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

Available setting items

[Connections]

Displays the Connections screen. Phone connection, selection, deletion and other features are available. For additional information, see "Connections settings" (P. 18).

[Quick Dial]

- [Edit]
  Entries in the Quick Dial can be edited. Touch [Add New] to register a new entry. For additional information, see "Quick Dial" (P. 45).
- [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.
- [Ringtone]
  Turns the vehicle ringtone on/off.

[Automatic Hold]

When this item is turned on, an incoming phone call will be put on hold automatically.

INFO:

- **If [Allow 2 Phones Simultaneously] is turned on, available phone names are displayed on the Phone settings screen. You can select the phone you wish to apply the settings to.**
- **The Phone settings will become inoperable while Apple CarPlay® is active.**

Volume settings

Volume settings can be adjusted.

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

The following volume setting items are available.

[Ringtone]

Adjusts the volume level of the ringtone of incoming calls.

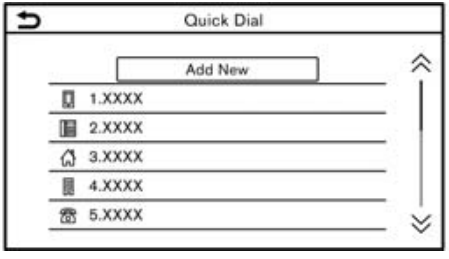
[Outgoing Call]

Adjusts the volume level of the outgoing calls.

INFO:

The phone volume setting menus can also be accessed from the settings screen. For additional information, see "System settings" (P. 17).

Quick Dial



Up to 20 Quick Dial entries can be registered.

Quick Dial entries can be used to quickly make a call.

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.

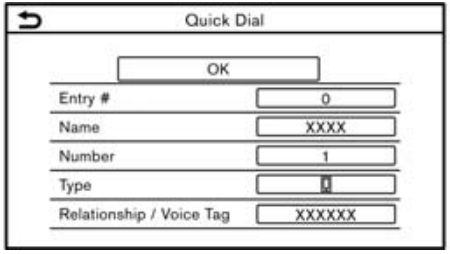
6. When a phone number has been selected, the registration screen is displayed. Enter the phone number and edit the entry information as necessary.
7. Touch [OK] to save the entry.

INFO:

- **Quick Dial entries can also be registered by touching [Settings] on the Launch Bar and then selecting [Phone]. For additional information, see "Phone settings" (P. 44).**
- **Either of the connected phone devices can be selected for dialing operation when [Allow 2 Phones Simultaneously] is turned on. For additional information, see "Setting devices" (P. 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

4 Information

Information menu 48
Basic information 48
Updating system software (if so equipped) 49
NissanConnect® Services (if so equipped) 51
Subscription to NissanConnect® Services 51
Important information regarding access to NissanConnect® Services 51
NissanConnect® Services features 51
NissanConnect® Services menus 54
NissanConnect® Services settings 56
SiriusXM® Travel Link (if so equipped) 56
Basic information 56
Viewing SiriusXM® Travel Link 56
Using SiriusXM® Travel Link 57
Apple CarPlay® 58
Basic information 58
Compatibility 58
Connecting iPhone® 59
Apple CarPlay® operation 60
Apple CarPlay® settings 60
Apple CarPlay® system limitations 60
Android Auto™ 61
Basic information 61
Compatibility 61
Initial Android Auto settings 61
Connecting Android phone 61
Android Auto operation 63
Android Auto settings 63
Android Auto system limitations 63
Siri® Eyes Free 64
General information 64
Requirements 64
Siri® Eyes Free activation 64
Operating Siri® Eyes Free 64

INFORMATION MENU

BASIC INFORMATION

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

Push **<MENU>** on the control panel 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.

[Notifications]

Displays a list of notifications. For additional information, see "Swipe-down notifications" (P. 16).

[NissanConnect Services]

Displays the NissanConnect® Services menu screen. For additional information, see "NissanConnect® Services (if so equipped)" (P. 51).

[SXM Weather]

Displays the SiriusXM® Weather screen. For additional information, see "Using SiriusXM® Travel Link" (P. 57).

[SXM Traffic]/[Premium Traffic]

Displays the Traffic Information screen. For additional information, see "Viewing traffic information" (P. 79).

[SXM Sports Scores]

Displays the SiriusXM® Sports screen. For additional information, see "Using SiriusXM® Travel Link" (P. 57).

[SXM Fuel Prices]

Displays the SiriusXM® Fuel Prices screen. For additional information, see "Using SiriusXM® Travel Link" (P. 57).

[SXM Parking]

Displays the SiriusXM® Parking screen. For additional information, see "Using SiriusXM® Travel Link" (P. 57).

[SXM Movie Listings]

Displays the SiriusXM® Movie Listings screen. For additional information, see "Using SiriusXM® Travel Link" (P. 57).

[Vehicle Reports]

- [Eco Drive Report]
  Displays the eco drive report screen.

[Where Am I?]

The name and distance of the next/previous street, and other information that indicates the current vehicle location are displayed. Latitude and longitude are shown on the bottom of the screen.

[TomTom Weather]

- [Current Conditions], [Hourly Weather Forecast], [5-Day Weather Forecast]
  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].
- [Communication Settings]
  Turns the TomTom weather data transmission on/off.

[System Information]

- [Version Information]
  Displays the information of the Software Version, etc.
- [Software Update]
  The system software can be updated. For additional information, see "Updating system software (if so equipped)" (P. 49).
- [Map Update]
  The map data can be updated. For additional information, see "How to update map data" (P. 94).
- [SXM Information]
  Displays the SiriusXM® information.
  The signal quality, subscription status and SiriusXM® radio ID, etc. are displayed.
- [License Information]
  Displays the Open Source Software (OSS) licenses information.

[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® Services, Premium Traffic, etc.

[Smartphone Connection]

- [Apple CarPlay]
  Displays the Apple CarPlay® screen. For additional information, see "Apple CarPlay®" (P. 58).
- [Android Auto]
  Displays the Android Auto screen. For additional information, see "Android Auto™" (P. 61).

INFO:

A SiriusXM® Travel Link or SiriusXM Traffic™ 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 (if so equipped), park the vehicle in a secure, safe well-ventilated location that is open to the air. During the update process, if you choose to park your vehicle, it should be kept in a well ventilated area to avoid exposure to carbon monoxide. Do not breathe exhaust gases; they contain colorless and odorless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

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 (if so equipped), it will resume when the vehicle reconnects to a known Wi-Fi connection.

INFO:

- **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 2 GB. If you use your smartphone as a Wi-Fi connection (if so equipped), 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 prioritizes Wi-Fi connection (if so equipped) over TCU (Telematics Control Unit) when Wi-Fi network connection is available.**

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]. For additional information, see "How to update from the system menu" (P. 50).
- Wi-Fi (if so equipped) or TCU (Telematics Control Unit) network connection is available. For additional information, see "Wi-Fi setting (if so equipped)" (P. 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 ignition switch in the OFF position and leave the system for 20 minutes without operating the buttons/switches on the control panel and the steering wheel. Place the ignition switch in the ON position and the updated software will be available.

INFO:

- **The update may not be reflected if the ignition switch is placed back in the ON position before the 20–minute period has passed.**
- **In some cases, updates can only be performed via TCU (Telematics Control Unit).**
- **In some cases, the pop-up message may appear even when [Manual] is selected under [Update Method].**

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 (if so equipped) or TCU (Telematics Control Unit) from the system menu.

1. Connect to network via Wi-Fi (if so equipped) if you wish to perform the software update via Wi-Fi connection. For additional information, see "Wi-Fi setting" (P. 19).
2. Push **<MENU>** on the control panel.
3. Touch [Info] on the Launch Bar and then touch [System Information].
4. Touch [Software Update].
5. Touch [Start Software Update].
6. Touch [Download] to start downloading and updating the system software.
7. After the system software update is complete, place the ignition 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 ignition switch in the ON position and the updated software will be available.

INFO:

When [Update Method] is set to [Auto], a notification is made in case that software can be updated.

INFO:

- **The update may not be reflected if the ignition switch is placed back in the ON position before the 20–minute period has passed.**
- **If updating software is unnecessary, touch [OK] to return to the previous screen.**
- **You will be charged separately when the internet communication is made via smartphones. Consult your communication companies regarding the communication fee.**
- **The same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Updates]. For additional information, see "Settings menu" (P. 17).**

NissanConnect® SERVICES (if so equipped)

SUBSCRIPTION TO NissanConnect® SERVICES

Subscription is required to use the NissanConnect® Services. For the details about the subscription, visit the Nissan Owner Portal or contact a NISSAN dealer.

NissanConnect® 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.

IMPORTANT INFORMATION REGARDING ACCESS TO NissanConnect® SERVICES

Feature availability is dependent on vehicle model year, model, trim level, packaging and options. See https://www.nissanusa.com/connect/packages.html for details. Only use features and connected devices when safe and legal to do so. For important safety information, system limitations, and additional operating and feature information, see NissanConnect® owner's manual or your dealer.

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. Cellular network not available in Guam, Puerto Rico, U.S. Virgin Islands, Saipan or American Samoa. Services and features will not function if cellular network is unavailable or restricted, or when the wireless carrier ceases supporting the network with which the system in your vehicle is compatible. Because Nissan does not operate or control the cellular networks, Nissan is not responsible for providing you with continued access to features when the cellular network is no longer available, and is 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).

NISSANCONNECT SERVICES (APPLIES TO VEHICLES SO EQUIPPED): Enrollment, owner consent, personal identification number (PIN), and subscription agreement may be required to receive full suite of features and services. Trial included with, and trial period begins on date of, new Nissan vehicle purchase or lease from dealer stock. **Consumer activation of NissanConnect Services package required.** Trial periods (if applicable), fees, feature availability, and programming are subject to change or early termination at any time without notice. Subscriptions governed by service provider's subscription agreement, terms and conditions and privacy statements available at service provider's website. Text rates or data usage may apply.

NissanConnect® SERVICES FEATURES

Basic information

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

If equipped, your vehicle may include NissanConnect® connected features and services such as emergency SOS calling, Automatic Collision Notification, Wi-Fi (if so equipped), Remote Services, Navigation (if so equipped), Bluetooth® and more. For complete information about your NissanConnect® features and services, please visit www.nissanusa.com/connect/. For frequently asked questions, please visit www.nissanusa.com/connect/faq.

⚠ WARNING

- **Please note that the Automatic Collision Notification service and Emergency Call function cannot be used in the following conditions:**
  - **Emergency functions and services will not be available without a paid subscription to NissanConnect® Services.**
  - **The NissanConnect® Services network system is disabled.**

- **The vehicle moves outside the service area where the TCU (Telematics Control Unit) is connected to the system.**
- **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.**
- **It may not be possible to make an emergency call depending on the severity of a collision and/or emergency.**

· **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.**

· **An occupant should not get any closer to the TCU (Telematics Control Unit) antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may adversely affect the operation of the pacemaker while using the NissanConnect® Services.**

· **If the automatic emergency call has been triggered, please bring your vehicle to NISSAN dealer or qualified workshop. This is necessary because the automatic emergency call system needs to be reset to avoid any unintended automatic emergency call being made.**



INFO:

- **NissanConnect® Services features are dependent upon subscription enrollment and the telematics device being in operative condition, cellular connectivity, navigation map data (if so equipped) and GPS satellite signal reception (if so equipped). Terms and conditions of the NissanConnect® Services Subscription Agreement apply.**
- **Enrollment is required in order to use NissanConnect® Services. The services that can be received vary depending on the plan in which you are enrolled.**
- **All services are complimentary for the trial period.**
- **After the trial period, use of the service will no longer be complimentary.**
- **Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.**

If equipped, your vehicle may include NissanConnect® Services features such as emergency SOS calling, Automatic Collision Notification, Wi-Fi (if so equipped), Remote Services, Navigation (if so equipped), Bluetooth® and more. NissanConnect® Services may be updated. The latest detailed information is available on the following websites or from the support line.

NissanConnect® Services website:

For U.S.

www.nissanusa.com/connect

For Canada

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

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

NissanConnect® Customer Support Line:

1-855-426-6628

· **Automatic Collision Notification:**

The TCU (Telematics Control Unit) generates a signal automatically to NissanConnect® Services Response Center in the case of a severe accident. Automatic Collision Notification triggers a connection from the vehicle to NissanConnect® Services Response Center when the vehicle has been involved in a collision and/or if the airbags have deployed. 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.

- **Emergency Call:**
  The Emergency Call feature provides emergency assistance by connecting to a Response Specialist. In the event of an emergency, push the in-vehicle 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 vehicle Owner's Manual.
- **Connection to Roadside Assistance:**
  Connection to Roadside Assistance allows you to contact a 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. For additional information, see "Connecting to Interactive Voice Menu" (P. 54).
  Roadside Assistance may also be used in conjunction with the Emergency Assistance service, if warranted. For details of the Emergency Call (SOS) button operation, refer to the vehicle Owner's Manual.

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® Services Response Specialists or the emergency support staff at the NISSAN Response Center.

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

Service application

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

For U.S.

www.nissanusa.com/connect

For Canada

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

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

INFO:

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

Operating tips

WARNING

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

- Do not use the NissanConnect® Services with the engine stopped. Doing so may discharge the vehicle battery.
- The NissanConnect® Services cannot be used under the following conditions:
  - The NissanConnect® Services subscription has expired.
  - The vehicle is outside the area where the cellular network service is receivable.
  - The vehicle is in a location with poor signal reception such as 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® Services network system is disabled.

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

 : When the signal reception is good

 : When the signal reception is bad

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

NissanConnect® SERVICES MENUS

Basic information

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

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

Available items may vary depending on models, specifications and software versions. Items displayed on the screen may not function depending on various conditions.

[Call Nissan Assistance]

The system connects to the NissanConnect® Services center. Various services to support your driving are available by answering the Interactive Voice Menu. For additional information, see "Connecting to Interactive Voice Menu" (P. 54).

[History]

Accesses the messages sent to the vehicle from the NissanConnect® Services Data Center. For additional information, see "History" (P. 55).

[NissanConnect Services Settings]

NissanConnect® Services settings can be changed. For additional information, see "NissanConnect® Services settings" (P. 56).

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® Services website or contact the NissanConnect® Customer Support Line.

NissanConnect® Services website:

For U.S.

www.nissanusa.com/connect

For Canada

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

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

NissanConnect® Customer Support Line:

1-855-426-6628

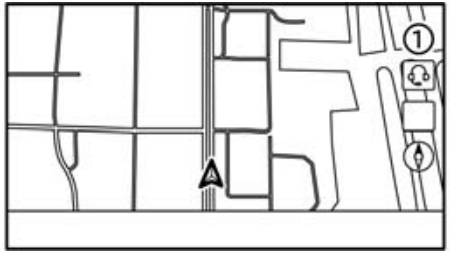
1. Push **<MENU>** on the control panel and touch [Info] on the Launch Bar.
2. Touch [NissanConnect Services].
3. Touch [Call Nissan Assistance].
4. The system connects to the NissanConnect® Services center and menu options will be announced. Speak your preferred option.

INFO:

- **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, keep the engine running during an emergency call, if it is safe to do so.**

Models with navigation system:

You can also connect to the NissanConnect® Services Interactive Voice Menu by touching [ ] ① on the map.



History

Messages received from the NissanConnect® Services Data Center are displayed.

1. Push **<MENU>** on the control panel and then touch [Info].
2. Touch [NissanConnect Services].
3. Touch [History].
4. A message list is displayed. Touch preferred message from the list.

INFO:

- **Touch [Stop] during communication with the NissanConnect® Services Data Center to cancel the connection.**
- **A message is displayed when the communication is disconnected while downloading information due to a poor communication status. Select [Yes] to restart the download.**
- **Laws in some jurisdictions may restrict the use of "Text-to-Speech". Check local regulations before using this feature.**
- **Some terminology such as personal names, place names, special terms, symbols, etc. may not be announced correctly. This is not a malfunction.**

Models with navigation system:

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.

- **When the system is making announcements, the volume can be adjusted by turning <VOL/PUSH POWER> on the control panel.**
- **The selected content is read out while the vehicle is being driven, or if parked, you can read the content on the display.**
- **Content settings can be made using the NissanConnect® Services website.**
  For more details, refer to the NissanConnect® Services website or contact the NissanConnect® Customer Support Line.

NissanConnect® Services website:
For U.S.
www.nissanusa.com/connect
For Canada
http://www.nissan.ca/nissanconnect (English)
www.nissan.ca/nissanconnect/fr (French)
NissanConnect® Customer Support Line:
1-855-426-6628

NissanConnect® SERVICES SETTINGS

The NissanConnect® Services setting can be changed. Available menus may vary depending on models, specifications and software versions. Menus displayed on the screen may not function depending on various conditions.

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

INFO:

[NissanConnect Services Settings] can also be accessed from [NissanConnect Services] on the settings screen. For additional information, see "Settings menu" (P. 17).

[Vehicle Info Sharing with Nissan]

[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 Services settings are returned to default.

[Vehicle Data Transmission Setting]

- When [OK] is touched, data transmission to the NissanConnect Services Data Center is enabled. Touch [Decline] to disable the NissanConnect Services, Premium Traffic, etc.

SiriusXM® TRAVEL LINK (if so equipped)

BASIC INFORMATION

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

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, Fuel, 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>** on the control panel.
2. Touch [Info] on the Launch Bar to display the SiriusXM® Travel Link menus.

[SXM Weather]

- [Current Conditions], [Hourly Weather Forecast], [5-Day Forecast]
  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].
- [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.

[SXM Traffic]/[Premium Traffic]

Displays the Traffic Information screen. For additional information, see "Viewing traffic information" (P. 79).

[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 Fuel Prices]

Displays a list of the nearby gas stations for the current location or destination. Touch a listed gas station 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 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 are playing at the theater.
- [Search for a Theater], [Search for a Movie]
  Search for a theater or movie by inputting the name of the theater or 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 or wirelessly (if so equipped).

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.**

Models with navigation system:

When setting a route on the navigation system, if you set a destination with Apple CarPlay®, the route setting of the navigation system will be cancelled.

CONNECTING iPhone®

Basic information

This system supports wireless Apple CarPlay® (if so equipped). To connect Apple CarPlay® wirelessly, the Bluetooth® and Wi-Fi network (if so equipped) must be available with the in-vehicle system before operation. For additional information, see "Setting devices" (P. 18) or "Wi-Fi setting (if so equipped)" (P. 19).

INFO:

Depending on the device and firmware version of the iPhone®, wireless Apple CarPlay® (if so equipped) cannot be used. Always update your device to the latest software version.

Connecting iPhone® with the USB cable

INFO:

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®.

1. Connect the iPhone® to the USB connection port. For additional information, see "USB (Universal Serial Bus) connection ports" (P. 13).
2. Depending on the setting, a Startup Information screen will appear. Touch [Yes] to use Apple CarPlay®.
3. Apple CarPlay® starts and the Apple CarPlay® screen will appear.
4. If a notification appears on the iPhone®, select whether or not to use the wireless connection. Once you enable wireless Apple CarPlay® (if so equipped) on the notification, Apple CarPlay® will automatically start wirelessly from next time.

Connecting iPhone® wirelessly (if so equipped)

1. Connect the iPhone® to the in-vehicle system via Bluetooth®. For additional information, see "Setting devices" (P. 18).

   INFO:

   If no Bluetooth® device is connected and Apple CarPlay® or Android Auto is not active, pushing and holding < > on the steering wheel can display the Connections screen.

2. A notification will appear on the iPhone®. Select to use the wireless connection.

   INFO:

   If you select not to use the wireless connection, the iPhone® will be connected as a Bluetooth® device.

3. Depending on the setting, a Startup Information screen will appear. Touch [Yes] to use Apple CarPlay®.
4. Wireless Apple CarPlay® will start and the Apple CarPlay® screen will appear.

INFO:

If the Wi-Fi connection is off on the Wi-Fi settings screen, a notification will appear. Touch [Yes] to use wireless Apple CarPlay®. For additional information, see "Wi-Fi setting (if so equipped)" (P. 19).)

Operating tips

- The system update or the map update (if so equipped) will be stopped while using wireless Apple CarPlay® (if so equipped).
- The connection with the other Bluetooth® device may be disconnected when wireless Apple CarPlay® (if so equipped) is activated.
- Once the wireless connection (if so equipped) has been established, Apple CarPlay® will be automatically connected wirelessly next time.
- Wireless Apple CarPlay® (if so equipped) uses the Wi-Fi network (if so equipped). After connecting the in-vehicle system to the Wi-Fi network, the Bluetooth® connection with wireless Apple CarPlay® connected device will be disconnected.
- If you connect the iPhone® that is using wireless Apple CarPlay® (if so equipped) via USB cable, the in-vehicle system provides power to the iPhone®.
- If wireless Apple CarPlay® (if so equipped) does not start automatically, touch [ ] on the device settings screen. For additional information, see "Setting devices" (P. 18).

- If you are using Apple CarPlay® or Android Auto, you cannot start Apple CarPlay® with the other iPhone®. To use Apple CarPlay® with the other iPhone®, disconnect the current device, or deactivate Apple CarPlay® or Android Auto on the Connections settings. For additional information, see "Connections settings" (P. 18).

Apple CarPlay® OPERATION

Basic information

After starting Apple CarPlay®, the iPhone® functions displayed on the screen can be operated using the in-vehicle system.

INFO:

- **After exiting the Apple CarPlay® screen, return to the Apple CarPlay® screen by taking one of the following actions.**
  - **Touch [ ] on the Launch Bar.**
  - **Touch [Smartphone Connection] 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.**

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 < > on the steering wheel 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.**

Apple CarPlay® SETTINGS

1. Push **<MENU>** on the control panel.
2. Touch [Connections] on the Launch Bar and then touch [Devices].
3. Touch [ ] by the iPhone® name you wish to change the settings.
4. Touch [Smartphone Projection].

Available setting items:

[Apple CarPlay]

Activates/deactivates the Apple CarPlay®.

[Vehicle's Help for Apple CarPlay]

Displays helpful tips for Apple CarPlay® operation.

INFO:

Normal voice recognition access to songs on your iPod® will not be available when connected to Apple CarPlay®. To access to your iPod®, use the Siri® function or select the music icon in the Apple CarPlay® top menu screen. For additional information, see "Siri® operation" (P. 60).

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 or wireless connection (if so equipped). For USB cable connection, it is 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 Android 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.**
- **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, use the Google Assistant function or select the phone icon in the Android Auto top menu screen.**

Models with navigation system:

When setting a route with the navigation system, if you set a destination with Android Auto, the route setting of the navigation system will be cancelled.

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.

CONNECTING ANDROID PHONE

Basic information

Depending on the models, specifications and software versions, Android phone can be connected wirelessly for Android Auto. To connect Android Auto wirelessly, the Bluetooth® and Wi-Fi network must be available with the in-vehicle system before operation. For additional information, see "Setting devices" (P. 18) or "Wi-Fi setting (if so equipped)" (P. 19).

INFO:

Depending on the device and firmware version of the Android phone, wireless Android Auto cannot be used. Always update your device to the latest software version.

Connecting Android phone with USB cable

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

1. Connect your Android phone to the USB connection port. For additional information, see "USB (Universal Serial Bus) connection ports" (P. 13).
2. Depending on the setting, a Startup Information screen will appear. Touch [Start] to use Android Auto.

INFO:

- 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. Android Auto starts and the Android Auto screen will appear.
4. If the system is equipped with wireless Android Auto function and a notification appears on the Android phone, select whether or not to use the wireless connection.

INFO:

- **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.**

Connecting Android phone wirelessly (if so equipped)

1. Connect the Android phone to the in-vehicle system via Bluetooth®. For additional information, see "Setting devices" (P. 18).

INFO:

If no Bluetooth® device is connected and Apple CarPlay® or Android Auto is not active, pushing and holding < > on the steering wheel can display the Bluetooth® device connection screen. For additional information, see "Setting devices" (P. 18).

2. Depending on the setting, a Startup Information screen will appear. Touch [Start] to use Android Auto.
3. A notification will appear on the Android phone. Select to use the wireless connection.

INFO:

If you select not to use the wireless connection, the Android phone will be connected as a Bluetooth® device.

4. Wireless Android Auto will start and the Android Auto screen will appear.

INFO:

- **Notifications may appear while connecting the Android phone. Follow the message and operate accordingly.**
- **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.**

Operating tips

- The system update (if so equipped) or map update (if so equipped) will be stopped while using wireless Android Auto (if so equipped).
- Once the wireless connection (if so equipped) has been established, Android Auto will be automatically connected wirelessly next time.
- If you connect the Android phone that is using wireless Android Auto (if so equipped) via USB cable, the in-vehicle system provides power to the Android phone.
- If wireless Android Auto (if so equipped) does not start automatically, touch [ ] on the Connections screen. For additional information, see "Connections settings" (P. 18).

- If you are using Apple CarPlay® or Android Auto, you cannot start Android Auto with the other Android phone. To use Android Auto with the other Android phone, disconnect the current device, or deactivate Apple CarPlay® or Android Auto on the Connections settings. For additional information, see "Connections settings" (P. 18).

Android Auto OPERATION

Basic information

After starting Android Auto, the Android phone functions displayed on the screen can be operated using the in-vehicle system.

INFO:

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 [Smartphone Connection] on the information screen, and then touch [Android Auto].**

Google Assistant™ operation

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

Activation:

Push and hold **< >** on the steering wheel to start a Google Assistant session.

INFO:

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

Android Auto SETTINGS

1. Push **<MENU>** on the control panel.
2. Touch [Connections] on the Launch Bar and then touch [Devices].
3. Touch [ ] by the Android phone name you wish to change the settings.
4. Touch [Smartphone Projection].

[Start-up Options]

- [Auto]
  Activates Android Auto automatically when an Android phone is connected to the in-vehicle system.
- [Ask Every Time]
  Displays the Startup Information screen when an Android phone is connected to the in-vehicle system.

[Vehicle's Help for Android Auto]

Displays helpful tips for Android Auto operation.

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

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. For additional information, see "Control buttons and touch screen display" (P. 10).

1. Connect a Siri® Eyes Free enabled iPhone® to the vehicle via Bluetooth®. For additional information, see "Setting devices" (P. 18).
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.

5 Navigation (if so equipped)

Safety information 66

Navigation screen 66
- Displaying navigation screen 66
- Launch Bar 66

Map operation 67
- Map types 67
- Building graphics 69
- Road color 69
- Moving map 69
- Changing scale of map 70
- Map settings 70
- Traffic information on map 71
- Map Menu screen 71

Setting destination 72
- Basic information 72
- Basic operations 72
- Options before starting the route guidance 73

Route guidance 73
- About route guidance 73
- Route menu 74
- Route Preference 75
- Recalculating route 76
- Editing route 76

Guidance settings 78

Viewing traffic information 79
- Basic information 79
- SiriusXM Traffic™ 79
- Premium Traffic information 80
- Viewing available traffic information 80
- Traffic information setting 82

Storing a location/route 83
- Storing location 83
- Storing route 84
- Storing avoid area 84
- Editing stored information 85
- Deleting stored item 86

Navigation settings 87

General information for navigation system 88
- Current vehicle location 88
- Route guidance 92
- Route calculation 93
- How to update map data 94

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

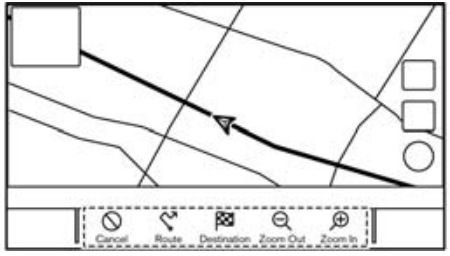
DISPLAYING NAVIGATION SCREEN



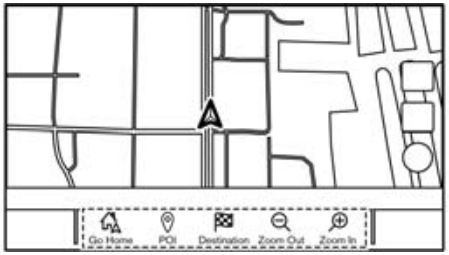
To display the current location map which can be operated, push **<MENU>** on the control panel and then touch [Map] on the Launch Bar or push **<MAP>** on the control panel.

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

[Add Home]/[Go Home]

[Add Home]:

When the home location is not stored, a home location can be stored in the system. For additional information, see "Storing home or work location" (P. 83).

[Go Home]:

When the home location is stored, it sets the home location as a destination.

[POI]

Searches for a Points of Interest to set as a destination.

[Destination]

Displays the destination menu. For additional information, see "Setting destination" (P. 72).

[Zoom Out]

Zoom out the map.

[Zoom In]

Zoom in the map.

[Cancel]

Cancels the route guidance.

[Route]

Displays the route menu screen. For additional information, see "Route menu" (P. 74).

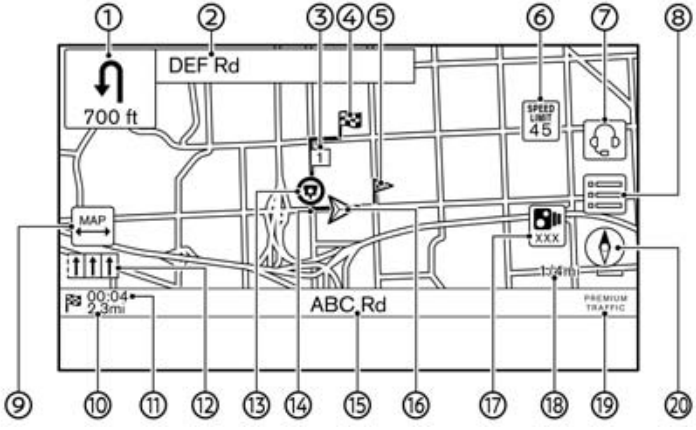
MAP OPERATION

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.

4. Destination:

   Indicates the location of the final destination.

5. Stored location:

   Displays the locations that are stored in the Address Book. For additional information, see "Storing location" (P. 83).

   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® Services Interactive Voice Menu. For additional information, see "Connecting to Interactive Voice Menu" (P. 54).

8. [ ]

   Touch to display the Map Menu. For additional information, see "Map Menu screen" (P. 71).

9. [ ]:

   The map screen can be displayed in full-size on the touch screen display. Touch [ ] to return to the original map size.

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.

    The Estimated arrival time can be changed to the trip time. For additional information, see "Route Preference" (P. 75).

12. Recommended lane indicator:

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

    Blue: Recommended

    Gray: Not recommended

13. Fixed safety camera icon:

    Indicates that a fixed safety camera is located at where this icon is displayed.

    The fixed safety camera icon setting can be changed. For additional information, see "Navigation settings" (P. 87).

14. Suggested route:

    Appears in bold blue during route guidance.

15. Street name:

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

16. Vehicle icon:

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

17. Safety camera warning indicator:

    The indicator and distance to the camera will be displayed when the vehicle approaches fixed safety cameras.

    The safety camera warning indicator setting can be changed. For additional information, see "Navigation settings" (P. 87).

18. Scale indicator:

    Indicates the scale of the map.

19. Traffic reception status indicator:

    Indicates the reception condition of the traffic information.

    Touch to display the traffic information screen. For additional information, see "Viewing traffic events from list" (P. 80).

    [PREMIUM TRAFFIC]:

    Displayed when [Use Premium Traffic] is turned on and the traffic information is available. For additional information, see "Traffic information setting" (P. 82).

    [SiriusXM TRAFFIC]:

    Displayed when [Use Premium Traffic] is turned off and the traffic information is available. For additional information, see "Traffic information setting" (P. 82).

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

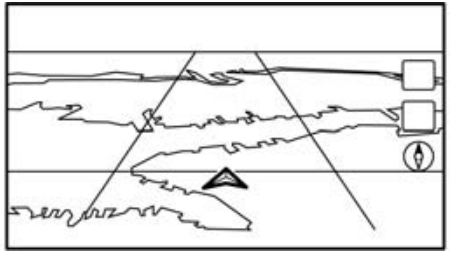
20. [ ]

Indicates the directional setting of the map.

Touch to change the map view and the map orientation.

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.

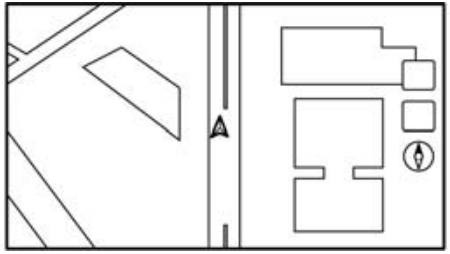


INFO:

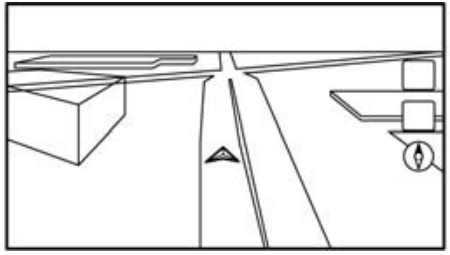
The 3D map always appears with the current forward direction facing up.

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.

Dark red

Freeway

Light brown

Major road

Light green

Secondary road

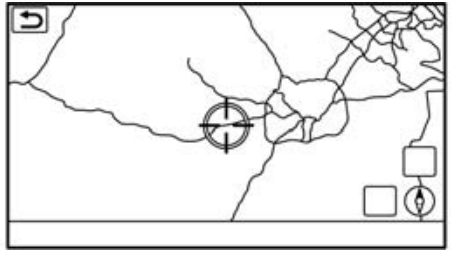
White

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>** or **< BACK>** on the control panel 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.

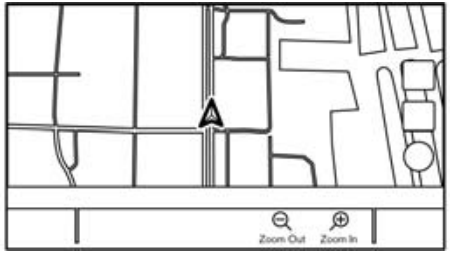
Drag:

Drag the screen to scroll the map.

Swipe/flick:

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

CHANGING SCALE OF MAP



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.
- While the cross pointer is displayed, pinching in or out with your fingers on the map screen can also change the map scale.

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. For additional information, see "Traffic information on map" (P. 81).**

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].

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

[Dual Map View]

- [2D Map]
  Displays 2D 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.
- [3D Map]
  Displays 3D map.
- [Split: 3D Map]
  Displays 2D map on the left side and 3D map on the right side of the split screen.

[Left Side Info]

- [Turn List]
  Displays the turn list on the left side of the screen when a route is set.
- [Drive Report]
  Displays your eco drive report on the left side of the screen.
- [Full Map]
  Displays full map screen.

[Map Icons]

Select the categories of POI icons to display on the map screen.

[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.

- [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]
  Sets the font size of the text displayed on the map screen to large, medium, or small.
- [Select Text to Display on Map]
  Allows place, facility and road names to be displayed on the map screen.
- [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.
- [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.
- [North Up when Zoomed Out]
  When this setting is ON, the orientation of the map is automatically changed to North Up when zoomed out to a certain point.

[Back to Map]

Back to the current location map.

TRAFFIC INFORMATION ON MAP

Traffic information can be displayed on the map. For additional information, see "Traffic information on map" (P. 81).

MAP MENU SCREEN

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

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

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>** on the control panel 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:

[Search]

Searches for a destination by inputting the address or POI names.

[Go Home]

Searches for a route from the current location to the previously stored home location.

[Street Address]

Searches for a destination by address.

[Points of Interest]

Searches for a destination from various categories.

[Previous Destinations]

Searches for the destination from the previous destinations and a previous start point.

[Go to Work]

Searches for a route from the current location to the previously stored work location.

[Address Book]

Searches for a destination from the vehicle Address Book.

[Destinations by Google]

Sets a place searched by Google as a destination.

[City Center]

Sets the center of a city as the destination.

[Intersection]

Sets an intersection as a destination.

[Phone Number]

Searches for a point of interest by a telephone number.

[Saved Routes]

Sets a route from the saved route data.

[SXM Travel Link]

Sets a destination by using the SiriusXM® Travel Link features.

[By Map]

Searches for a destination by map.

[Latitude/Longitude]

Sets a destination from latitude and longitude.

[Door to Door Navigation]

Turns on/off Door to Door Navigation.

NOTE:

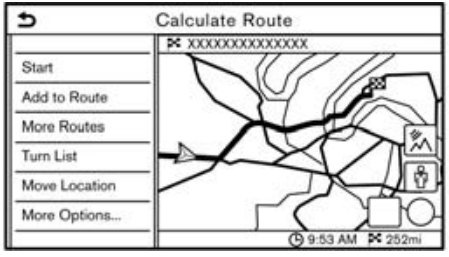
Notice for Point of Interest search
Locations and business hours of facilities are subject to change, which may not be reflected in the map data. Double-check this information before you go to an emergency facility to ensure that you can receive the proper support. Otherwise, you may not receive emergency 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.

INFO:

- **After setting a destination, the location of the destination can be adjusted and the location can be stored in the Address Book, etc. For additional information, see "Options before starting the route guidance" (P. 73).**
- **The destinations can be canceled and edited/added. For additional information, see "Route menu" (P. 74).**

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.

INFO:

Touch [1 type] to display alternative routes calculated with a route search condition selected on the [Basic Route Type] settings screen. For additional information, see "Route Preference" (P. 75).
Touch [3 types] to display alternative routes calculated in all three route search conditions ([Fastest], [Eco] and [Shortest]).

- [Turn List]:
  Displays a detailed turn list. The map can be displayed and the turn can be avoided by touching a turning point.
- [Move Location]:
  Displays a map screen and allows the location of the destination to be adjusted.
- [More Options...]:
  Option such as viewing place information and saving locations/routes can be selected.

INFO:

- **Touch [ ] to display the Google Map Satellite View. Touching [ ] or [ ] on the satellite view screen can change the map scale.**
- **Touch [ ] to display Google Street View. The view can be shifted to left and right by touching [<] and [>].**

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). For additional information, see "Route guidance" (P. 92).**

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.**
- **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> on the control panel to repeat voice 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>** on the control panel when a destination is set, and then touch [Route] on the Launch Bar.

The route menu screen is displayed.

Available settings

[Cancel Route]

Cancels the current route guidance.

[Turn List]

Displays the details of the suggested route.

[Detour]

A detour of a specified distance can be calculated.

[Route Preference]

Set the route search conditions. For additional information, see "Route Preference" (P. 75).

[Recalculate]

Manually search for the route again after changing the search conditions, etc. and have the system calculate a route. For additional information, see "Recalculating route" (P. 76).

[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 gas 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. For additional information, see "Editing route" (P. 76).

[Guidance Settings]

Various guidance settings can be customized. For additional information, see "Guidance settings" (P. 78).

[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.

[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.

The following operations are available:

[⏸]: Pauses the simulation.

[▶]: Resumes the simulation.

[■]: Ends the simulation.

[]: Increases the play speed.

[]: Decrease the play speed.

ROUTE PREFERENCE

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

1. Touch [Settings] on the Launch Bar. For additional information, see "Settings menu" (P. 17).
2. Touch [Navigation] and touch [Route Preference].
3. Touch the item you would like to set.

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

[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.
  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.
- [Use Learned Routes]
  Uses the roads that are most frequently traveled with the help of self-learning technology.

[Customize More Routes]

- [3 types]
  Calculates 3 types of alternative routes when confirming other routes.
- [1 type]
  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.

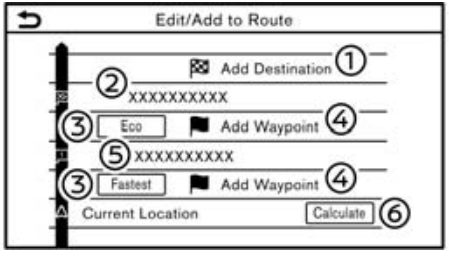
1. Push **<MAP>** on the control panel and then touch [Route] on the Launch Bar.
2. Touch [Recalculate]. A message is displayed and the route is recalculated.
3. Touch [Start] or conduct other operations as necessary. For additional information, see "Options before starting the route guidance" (P. 73).

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>** on the control panel 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. For additional information, see "Editing/deleting destination or waypoint" (P. 77).

3. Criteria for calculating a route to the destination/waypoint:

   Touch to change the conditions for route calculation. For additional information, see "Changing route calculation conditions" (P. 78).

4. [Add Waypoint]:

   Touch to add a waypoint. For additional information, see "Setting destination or waypoint" (P. 77).

5. Current waypoint:

   Touch to edit or delete the waypoint. For additional information, see "Editing/deleting destination or waypoint" (P. 77).

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.

1. Push **<MAP>** on the control panel 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. For additional information, see "Setting destination" (P. 72).
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. For additional information, see "Changing route calculation conditions" (P. 78).
7. Touch [Calculate] to confirm the route change. The route will be recalculated.

INFO:

The prior route will be deleted automatically.

Editing/deleting destination or waypoint

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

1. Push **<MAP>** on the control panel 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.

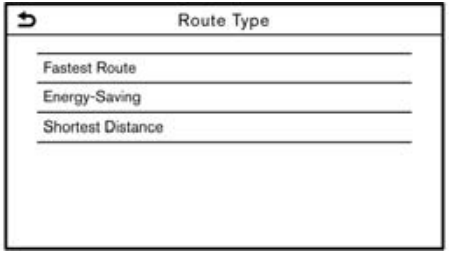
5. Touch [Calculate] to apply the change.

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.



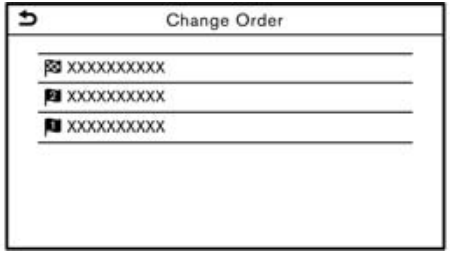
1. Push **<MAP>** on the control panel and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch the route condition shown on the preferred section of the route to the destination or waypoint.
4. Touch the preferred condition. For additional information, see "Route Preference" (P. 75).
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>** on the control panel 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. For additional information, see "Settings menu" (P. 17).
2. Touch [Navigation] and touch [Guidance Settings].
3. Touch an item you would like to set.

[Guidance Volume]

Adjusts the volume level of voice guidance.

[Guidance Voice]

Activates or deactivates voice guidance.

[Traffic Announcement]

Activates or deactivates the traffic announcement.

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. For additional information, see "Route menu" (P. 74).**
- **The guidance volume can also be adjusted by turning <VOL/PUSH POWER> on the control panel 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. For additional information, see "Traffic information setting" (P. 82).

SiriusXM TRAFFIC™

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. For additional information, see "Traffic information setting" (P. 82).

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

  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
- 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

  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
- 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 (if so equipped). For additional information, see "Traffic information setting" (P. 82).

VIEWING AVAILABLE TRAFFIC INFORMATION

Viewing traffic events from list

1. Push **<MENU>** on the control panel and then touch [Info] on the Launch Bar.
2. Touch [SXM Traffic] or [Premium Traffic]. A list of available types of information is displayed.

[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.

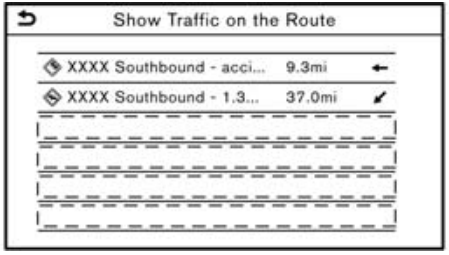
[Nearby Traffic Info]

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 may appear on the touch screen display and a voice announcement may be heard.

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

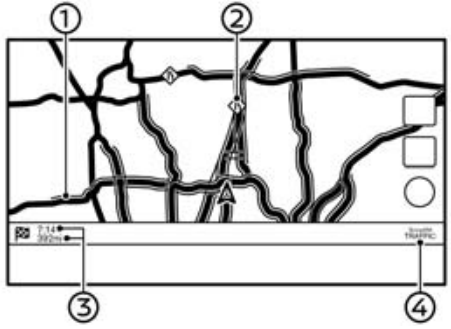
INFO:

- **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. For additional information, see "Route Preference" (P. 75).

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.

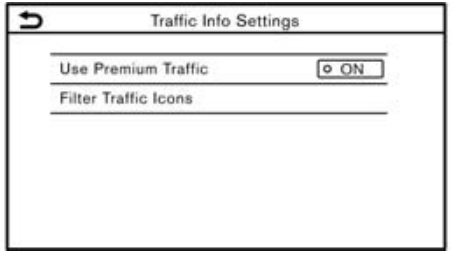
   A SiriusXM Traffic™ subscription is necessary to view traffic information.

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. For additional information, see "Settings menu" (P. 17).
2. Touch [Navigation].
3. Touch [Traffic Info Settings].
4. Touch the preferred setting. The indicator for the selected setting illuminates.

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

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.

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. For additional information, see "Guidance settings" (P. 78).

STORING A LOCATION/ROUTE

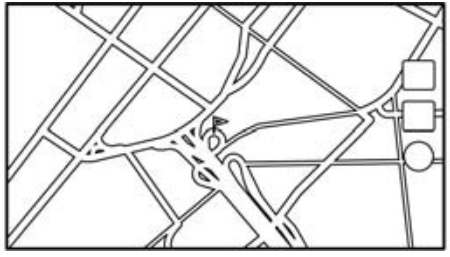
STORING LOCATION

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.

Storing home or work location

A home or work location can be stored in the system.



1. Touch [Settings] on the Launch Bar. For additional information, see "Settings menu" (P. 17).
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. For additional information, see "Setting destination" (P. 72).

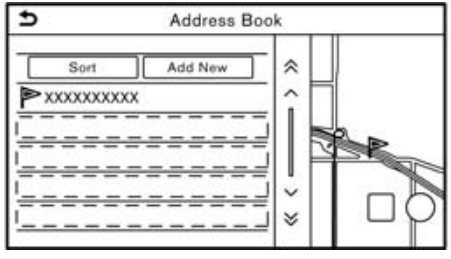
   When stored, the location is displayed at the center of the map on the touch screen display.
5. Edit the contents of the stored item as necessary and touch [OK]. For additional information, see "Editing stored location" (P. 85).

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.



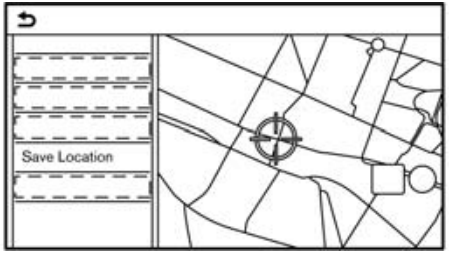
1. Touch [Settings] on the Launch Bar. For additional information, see "Settings menu" (P. 17).
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Saved Locations].
5. Touch [Add New].
6. Touch an appropriate method to set a location. Refer to the search methods used for destination setting. For additional information, see "Setting destination" (P. 72).
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. For additional information, see "Editing stored location" (P. 85).

INFO:

- **When the location is stored in the Saved Locations, [Address Book] can be used to search for the location.**
- **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>** on the control panel 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>** on the control panel and then touch [Route] on the Launch Bar.
2. Touch [Save Route]. A confirmation message is displayed. Select [Yes] to store the current route.

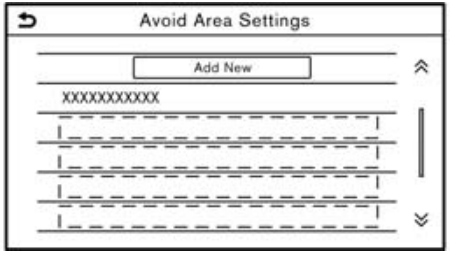
INFO:

- **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. For additional information, see "Deleting stored item" (P. 86).**

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. For additional information, see "Settings menu" (P. 17).
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Avoid Area].



5. Touch [Add New].

   Touch an appropriate method to search for a location. For additional information, see "Setting destination" (P. 72).
6. Touch [OK].
7. Adjust the information of the Avoid Area as necessary. For additional information, see "Editing avoid area" (P. 86).
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. For additional information, see "Deleting stored item" (P. 86).

EDITING STORED INFORMATION

Editing stored location

1. Touch [Settings] on the Launch Bar. For additional information, see "Settings menu" (P. 17).
2. Touch [Navigation] and touch [Address Book].

[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.

[Saved Locations]

- [Sort]
  - [Sort by Number]
    [Sort by Name]
    [Sort by Icon]
    [Sort by Group]
- [Add New]
  Adds a new location. For additional information, see "Storing location by searching" (P. 83).
- 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.

– [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. For additional information, see "Settings menu" (P. 17).
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.

[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]. For additional information, see "Settings menu" (P. 17).
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.

[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.

The color of the Avoid Area changes depending on the setting.

Freeway ON: Green

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. For additional information, see "Settings menu" (P. 17).
2. Touch [Navigation] and touch [Address Book].
3. Touch [Delete Saved Items].

   Select the preferred item and touch [Yes] to confirm deletion.

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

[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]

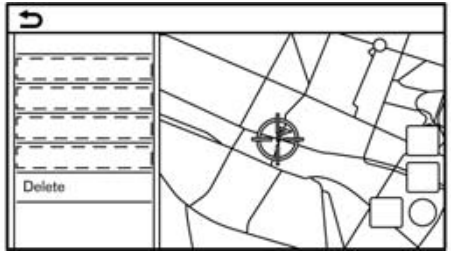
- [Delete All]
  Deletes all Avoid Areas.
- [Delete One]
  Deletes a selected Avoid Area.

[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.
- [Delete Learned Routes]
  Deletes the learned routes.

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. For additional information, see "Settings menu" (P. 17).
2. Touch [Navigation].
3. Touch the item you would like to set.

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

Available items:

[Map Settings]

Sets the display method and direction of the map. For additional information, see "Map settings" (P. 70).

[Guidance Settings]

Sets the various functions for route guidance. For additional information, see "Guidance settings" (P. 78).

[Route Preference]

Changes the routing preferences. For additional information, see "Route Preference" (P. 75).

[Traffic Info Settings]

Sets the various functions of the Traffic information feature. For additional information, see "Traffic information setting" (P. 82).

[Safety Guide Settings]

- [Speed Limit Indication on Map]
  Turns on/off the speed limit display function. When this item is turned on, a speed limit indicator will appear on the map screen when available.
- [Speed Limit Warning]
  Turns on/off the speed limit warning.
- [Speed Limit Sens.]
  Adjusts the speed limit sensitivity. This function is available when [Speed Limit Warning] is turned on.
- [Safety Camera Warning Settings]
  - [Safety Camera Icon on Map]
    When this item is turned on, fixed safety camera icons will appear on the map.
  - [Safety Camera Warning]
    When this item is turned on, safety camera warning indicator will appear on the right side of the map screen when the vehicle is approaching the fixed safety cameras.

[Address Book]

Stores locations and routes. Stored items can be edited or deleted. For additional information, see "Storing a location/route" (P. 83).

[Customize POIs]

Sets the POI categories to be displayed on the Points of Interest screen.

[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. For additional information, see "Deleting stored item individually" (P. 86).

[Delete Previous Destinations]

Deletes all or one of the previous destinations or the previous start point. For additional information, see "Deleting stored item individually" (P. 86).

[Sync with Door to Door Navigation]

Turns on/off Door to Door Navigation.

[Predictable Destination Settings]

- [Offer Predictable Destinations]
  Turns on/off the driving habit learning function. When this item is turned on, the system learns the driving habits and suggests the predicted destinations if available upon the system activation.
- [Delete Predictable Information]
  Deletes the learned driving habits.

[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)?

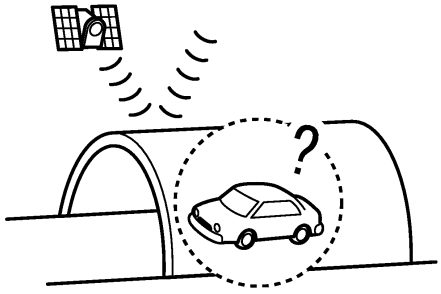
GPS is a position detecting system that uses satellites deployed by the U.S. government. This navigation system receives radio signals from three or more different satellites that orbit 13,049 miles (21,000 km) above the earth in space, and detect the position of the vehicle by utilizing the principle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

Positioning adjustment:

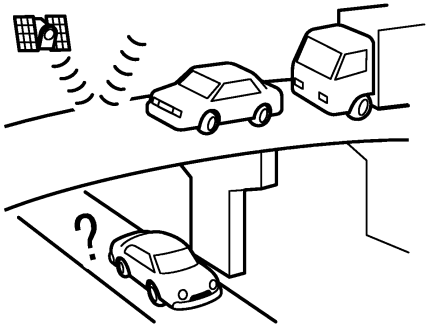
When the system judges that the vehicle position is not accurate based on vehicle speed and gyro sensor data calculations, the system will automatically adjust the position of the vehicle icon using GPS signals.

Receiving signals from GPS satellites:

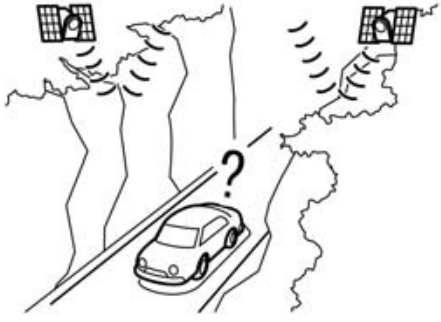
The reception of GPS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GPS signals.



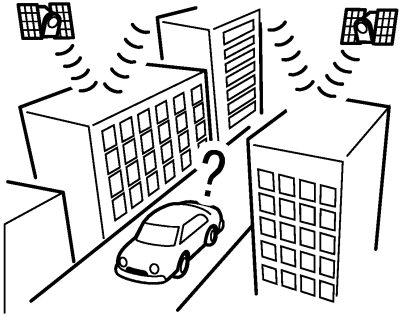
Inside tunnels or parking garages



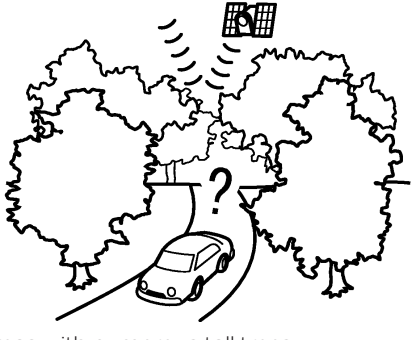
Under multi-layered highways



In canyons



In areas with numerous tall buildings



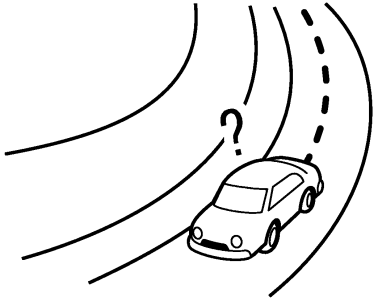
Areas with numerous tall trees

INFO:

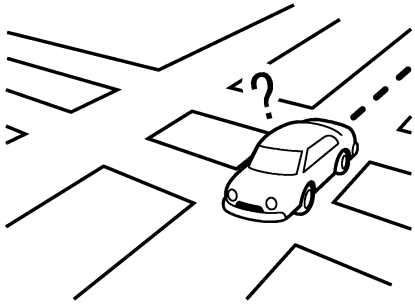
Placing objects, especially cellular phones or transceivers, near the GPS antenna may affect the correct vehicle positioning. If the GPS antenna is located behind the instrument panel, placing such objects on the instrument panel is not recommended. Because the strength of the GPS signal is approximately one billionth of that of TV waves, phones and transceivers will affect or may totally disrupt the signal.

Incorrect display of vehicle position

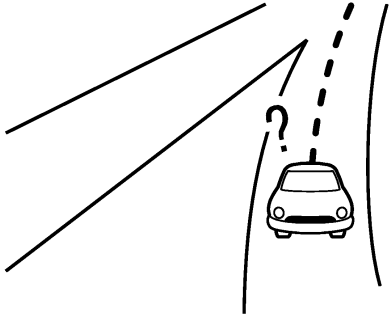
The following cases may affect the display accuracy of the vehicle's position or traveling direction. The accuracy will return to normal if the driving conditions return to normal.



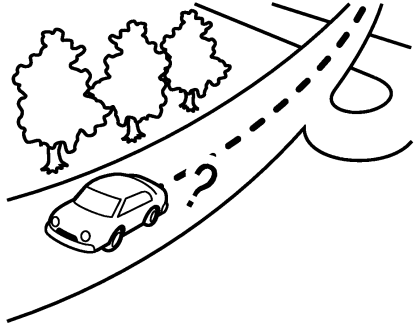
- When there is a similar road nearby.



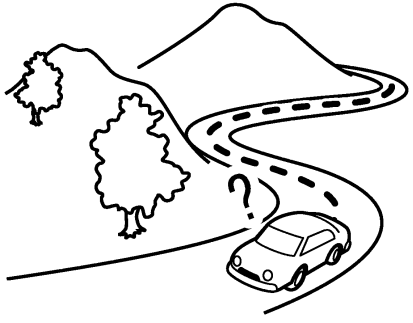
- When the vehicle is traveling in an area with a grid pattern road system.



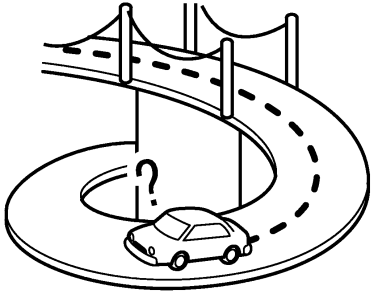
- When the vehicle is passing through a large Y-shaped intersection/junction.



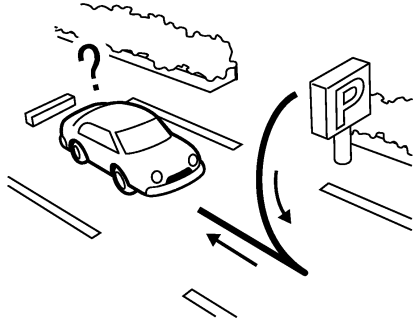
- When the vehicle is traveling on a continuous, slowly curving road.



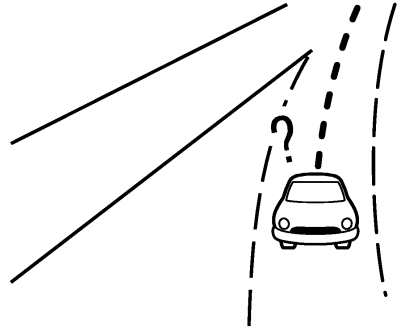
- When the vehicle is traveling on a road with repeating S-shaped curves.



- When the vehicle is on a loop bridge.



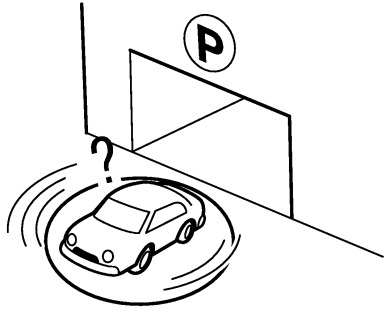
- When repeatedly turning left or right, or driving in zigzags.



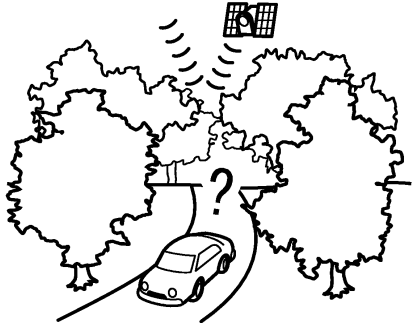
- When driving on a road not displayed on the map screen or a road that has been changed due to additional construction or other reasons.



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



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



- When the GPS positioning accuracy is low.

INFO:

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

Detailed Map Coverage Areas (MCA) for navigation system

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

Map data covers select metropolitan areas.

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>** on the control panel. 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. For additional information, see "Recalculating route" (P. 76).
- 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.
- 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]. For additional information, see "Route Preference" (P. 75).
- 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 (if so equipped) or a TCU (Telematics Control Unit), park the vehicle in a secure, safe well-ventilated location that is open to the air. During the update process, if you choose to park your vehicle, it should be kept in a well ventilated area to avoid exposure to carbon monoxide. Do not breathe exhaust gases; they contain colorless and odorless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

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, Wi-Fi (if so equipped) or a TCU (Telematics Control Unit).

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>** on the control panel.
2. Touch [Info] on the Launch Bar and then touch [System Information].
3. Touch [Map Update] and then touch [Update by USB device].
4. Touch [Save Map Information to USB].
5. Insert blank USB memory device into the USB connection port. For additional information, see "USB (Universal Serial Bus) connection ports" (P. 13).

   INFO:

   If data is in the USB memory, it may be deleted.
6. Touch [Start].
7. Touch [OK] after saving the map information to USB.
8. Access to the designated website with your personal computer. Download and install the map update tool in your personal computer. (Consult a NISSAN dealer for details.)
9. Download the updated data and store it in the USB memory with the map update tool.
10. Push **<MENU>** on the control panel.
11. Touch [Info] on the Launch Bar and then touch [System Information].
12. Touch [Map Update] and then touch [Update by USB device].
13. Touch [Install Map Update from USB].
14. Insert the USB memory into the USB connection port.

    A confirmation message is displayed. Confirm the contents of the message and touch [Yes].

15. Touch [OK] after completing the update.

INFO:

- **The navigation system cannot be operated while the map updates.**
- **Map data should be updated while the engine is running to prevent discharge of the vehicle battery.**
- **Depending on the models, specifications and software versions, the same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Updates]. For additional information, see "Settings menu" (P. 17).**

Updating using wireless LAN (Wi-Fi) (if so equipped)

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. For additional information, see "Wi-Fi setting (if so equipped)" (P. 19).

1. Connect the vehicle to an available Wi-Fi network.
2. Push **<MENU>** on the control panel.
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. Select an area to be updated, and touch [Start Updating].
7. Touch [Yes] to update the selected area.
8. Touch [OK] after completing the update.

INFO:

- **Depending on the models, specifications and software versions, the update is done in the background, and a pop-up message will appear and the updates are reflected in the map data the next time the engine is started.**
- **Do not turn off the power source of the smartphone while updating.**
- **Map data should be updated while the engine is running to prevent discharge of the vehicle battery.**
- **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.**
- **Depending on the models, specifications and software versions, the same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Updates]. For additional information, see "Settings menu" (P. 17).**
- **When the vehicle power is shutdown, the map update is suspended. When the map update is resumed, select the same region to update the map from [Update by Wi-Fi].**

Automatic map update (if so equipped)

The map data can be updated using the TCU (Telematics Control Unit).

1. Push **<MENU>** on the control panel.
2. Touch [Info] on the Launch Bar and then touch [System Information].
3. Touch [Map Update].
4. Touch [Map Update Settings].
5. Select an area of the map you wish to update. A confirmation message is displayed. The next time you start the system, a notification message will be displayed if map data update is available.
6. When the new map data is available after the vehicle power is on, a pop-up message informing that a map update is available will appear. Touch [Yes] to update the map data.

INFO:

If user selects [No] on the pop-up screen, the automatic map update and software update will not be available forever and user always has to update map and software manually from next time. When the vehicle power is shutdown, the map update is suspended. When the map update is resumed, select the same region to update the map from [Update by Wi-Fi].

7. Touch [OK] after completing the update.

INFO:

- **The same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Updates]. For additional information, see "Settings menu" (P. 17).**
- **The update is done in the background, and the updates are reflected in the map data the next time the system is started.**

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MEMO

6 Voice recognition

Voice Recognition System 100
Using Voice Recognition System 100
Before starting 100
Giving voice commands 100
System Voice settings 102

VOICE RECOGNITION SYSTEM

USING VOICE RECOGNITION SYSTEM

Initialization

When the ignition switch is in the ON or ACC position, voice recognition is initialized. When the initialization is complete, the system is ready to accept voice commands. If **<** **>** 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

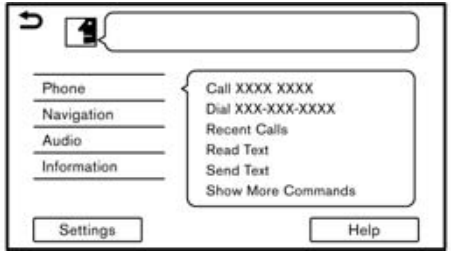
To get the best recognition performance from voice recognition, observe the following items.

- 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 **<ENTER/ ▲ / ▼ >** on the steering wheel or **<TUNE SCROLL/ENTER SETTING>** 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 < > 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.
- Push **< BACK>** on the control panel or touch [ ] on the touch screen display to return to the previous screen.

- To adjust the volume of the system feedback, push **<** **>** on the steering wheel or turn **<VOL/PUSH POWER>** on the control panel while the system is making an announcement.
- Models with navigation system:
  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.

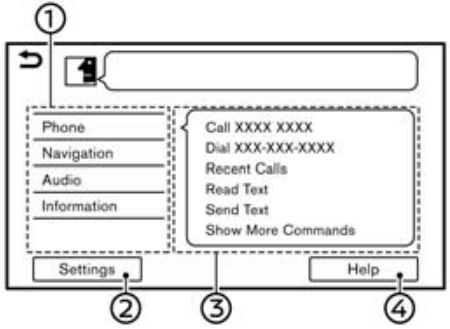
One Shot Call:

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 **<** **>** on the steering wheel and say "Redial" after the tone without first saying "Phone".

How to see voice command screen

1. Push **<** **>** on the steering wheel 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:

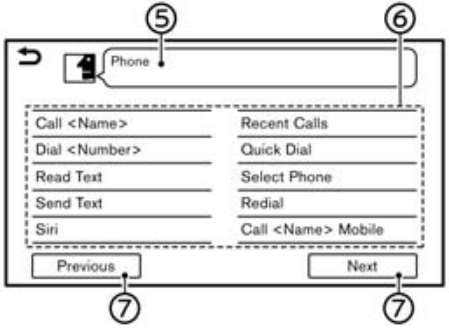


Example

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 < **> on the steering wheel to stop the help announcements.**



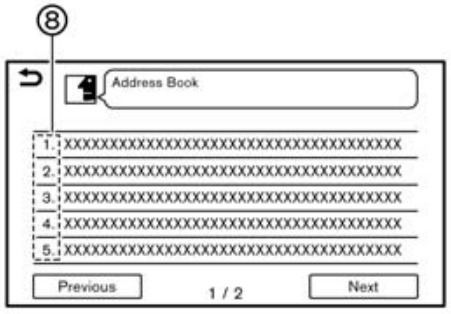
Example

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 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:

Numbers with hundred, such as "100", "200" and "900", can be pronounced as "one hundred", "two hundred" and "nine hundred" respectively.

For other numbers, use single digits "0" (zero) to "9".

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".

SYSTEM VOICE SETTINGS

The system voice settings can be changed.

1. Touch [Settings] on the Launch Bar. For additional information, see "Settings menu" (P. 17).
2. Touch [System Voice].
3. Touch a preferred item.

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

Available setting items

- [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]
  When these items are turned on, the voice recognition results are displayed on the list in the order of reliable recognition.
  – [Phonebook]
  – [Music Commands]
- [Voice Preference]
  Voice guidance setting can be selected from a male or female voice when the system language is set to English.
  [Voice Preference] cannot be selected when the system is set to French or Spanish.
- [Speech Rate]
  Adjusts the speech rate of prompt.

7 Troubleshooting guide

System unit 104
Liquid crystal display 104
Audio system 104
HD Radio technology (if so equipped) 104
iPod® player 105
USB memory device 106
Bluetooth® audio 106
Bluetooth® Hands-Free Phone System 107
NissanConnect® Services (if so equipped) 108
Apple CarPlay® 109
Android Auto 110
Siri® Eyes Free 110
Navigation (if so equipped) 111
Basic operations 111
Map screen 111
Route calculation and visual guidance 112
Voice guidance 113
Traffic information 113
Voice Recognition System 114

SYSTEM UNIT

LIQUID CRYSTAL DISPLAY

- The screen is too dark.
  - The cabin temperature may be too low. Wait until the cabin temperature becomes moderate.
  - The cabin temperature may be too high. This is not a malfunction. The liquid crystal protection mode is functioning. The brightness will return to normal when the cabin temperature becomes low.
  - Screen brightness may be set to the maximum darkness. Adjust the brightness setting of the screen.
- The screen is too bright.
  - Screen brightness may be set to the maximum brightness. Adjust the brightness setting of the screen.
- 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 may be 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.
- The screen turns blue or an error message is displayed on the touch screen display.
  - A system malfunction may have occurred. It is recommended that you contact a NISSAN dealer for an inspection.

AUDIO SYSTEM

HD Radio TECHNOLOGY (if so equipped)

Sound

- Delay in digital audio on HD Radio broadcasts.
  - The radio acquires an analog station first and blends to a digital signal. This is not a malfunction.
- Audio skips, stutters, or echoes.
  - The radio station has not properly aligned the digital and analog audio. Verify correct operation on another station. Report any station with poor performance.
- Volume changing up/down.
  - The radio station may not have properly aligned the digital and analog audio level. Verify correct operation on another station and check www.hdradio.com for stations in the area. Report any station with poor performance.
- Sound fading in and out.
  - The transition between analog and digital may be taking place (blending). Verify transition performance on several stations in the area. Report any stations with poor alignment.
- Excessive blending (Transition between analog and digital).
  - The receiver may be located near the edge of the digital coverage area. Refer to www.hdradio.com to verify radio stations in your coverage area.

- Digital audio not better than analog audio.
  - Audio processing on the digital audio at a station can potentially decrease the digital audio sound quality. Verify correct operation on another station. Report any station with poor performance.

Functional

- Keep losing my local stations.
  - The digital coverage is slightly less than the analog signal coverage. Verify correct operation on another station. This is expected behavior.
  - Shadowing (urban/terrain) can cause reduced digital coverage. Verify correct operation on another station.
- Some data fields are blank.
  - Text information is sent at the broadcaster's discretion. Verify correct operation on another station. Report station issues.
- Text information is truncated / there appears to be more available.
  - The display is limited to a fixed number of characters and more data is being sent than can be shown. This is an intended behavior
- AM reception changes at night.
  - AM stations are required by the government (FCC) to lower their power at night. This is not a malfunction.

iPod® PLAYER

- The system does not recognize an iPod®.
  - A connector cable may not be 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 may not be compatible with the system. Check the iPod® model and firmware versions available for the system.
  - The connected USB extension cable may not be 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 may be rapidly connected to or disconnected from the USB connection port. Slowly connect or disconnect the USB cable.
- An iPod® cannot be operated.
  - The iPod® may be 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.
- An iPod® does not respond.
  - The shuffle function may be turned on. Turn off the shuffle function if many files are stored on the iPod®.
- Music cannot be played back.
  - A connector may not be 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 may be used. Do not use a USB extension cable.

USB MEMORY DEVICE

- The system does not recognize a USB device.
  - A USB extension cable may be used. Do not use a USB extension cable.
  - A USB hub may be used. Do not use a USB hub.
  - A USB device may be rapidly connected to or disconnected from the USB connection port. Slowly connect or disconnect the USB device.

Bluetooth® AUDIO

- Registration cannot be performed.
  - The Bluetooth® audio device may not be compatible with the in-vehicle audio system. Check the Bluetooth® audio device Owner's Manual.
  - Bluetooth® may be disabled on device. Check that the Bluetooth® function is enabled on device.
  - The PIN code may be 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 may be 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>** on the control panel and select the Bluetooth® audio mode. For additional information, see "Selecting audio source" (P. 29).
  - 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 may not be compatible with the in-vehicle audio system. Contact a NISSAN dealer or 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>** on the control panel 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.
- Audio operation cannot be performed.
  - A Bluetooth® audio device that does not support audio operations may be in use. Contact a NISSAN dealer or 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

- A cellular phone cannot be registered.
  - The cellular phone may not be compatible with the in-vehicle hands-free phone system. Use a cellular phone compatible with the system. Contact a NISSAN dealer or 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 may be turned off. Turn on the Bluetooth® setting of the system.
  - The Bluetooth® setting of the cellular phone may be turned off. Turn on the Bluetooth® setting of the cellular phone.
  - The remaining battery level of the cellular phone may be 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.
- The system does not recognize the connection of a cellular phone. The system does not receive or make a call.
  - The cellular phone may not be compatible with the in-vehicle hands-free phone system. Use a cellular phone compatible with the system. Contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/ to check compatibility.
  - The cellular phone may not be connected. Check the registration procedure, and then register the cellular phone again.
  - The phone operation may be 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 or can hear your voice, but it cracks or cuts out.
  - Mute function may be enabled. Verify mute function is disabled.
  - The cellular phone may not be 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 may be 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/PUSH POWER>** on the control panel or **<** 🔊 **>** on the steering wheel.
  - The outgoing voice volume may be too loud/soft. Adjust the volume from volume adjustment screen.
- 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.
- The other party's voice cannot be heard. There is no ringtone.
  - The volume level may be set to the minimum. Adjust the volume level.
  - A cellular phone may not be 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 may not be 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. Delete the Bluetooth® pairing information from both the cellular phone and vehicle system before registering it again.
  - Phone does not support phonebook download function. Contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/ to check compatibility.

NissanConnect® SERVICES (if so equipped)

- The system cannot connect to the NissanConnect® Services Data Center.
  - A subscription for the NissanConnect® Services has not been established. Sign up for a subscription to the NissanConnect® Services. For details about subscriptions, visit the website or contact the support line. For additional information, see "NissanConnect® Services features" (P. 51).
    Possible cause
  - 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, visit the website or contact the support line. For additional information, see "NissanConnect® Services features" (P. 51).

- 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 may be set to the minimum. Adjust the volume level by operating **<VOL/PUSH POWER>** on the control panel or **<** **>** on the steering wheel while the system is announcing information.

Apple CarPlay®

- 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. For additional information, see "USB (Universal Serial Bus) connection ports" (P. 13).
  - 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.
- Cannot use wireless Apple CarPlay® (if so equipped).
  - The wireless connection is not completed properly. To activate wireless Apple CarPlay®, touch [ ] on the Connections settings screen. For additional information, see "Connections settings" (P. 18).
  - The wireless connection is not completed properly. For additional information, see "Connecting iPhone®" (P. 59). Delete your device on the devices list and reconnect to the in-vehicle system. For additional information, see "Setting devices" (P. 18).
- Apple CarPlay® performance decreases. For example, slow connectivity or slow application functionality. 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 **<** **>** on the steering wheel instead of just pushing the switch to initiate Siri® operation.

Android Auto

- 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. For additional information, see "USB (Universal Serial Bus) connection ports" (P. 13).
  - To activate Android Auto, touch [ ] on the Launch Bar or touch [Smartphone Connection] on the information screen and then touch [Android Auto]. For additional information, see "Selecting menu from Launch Bar" (P. 14) or "Information menu." (P. 48).
  - 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.
- Cannot use wireless Android Auto (if so equipped).
  - The wireless connection is not completed properly. To activate wireless Android Auto, touch [ ] on the Connections settings screen. For additional information, see "Connections settings" (P. 18).
  - The wireless connection is not completed properly. For additional information, see "Connecting Android phone" (P. 61).
    Delete Android phone on the devices list and reconnect it to the in-vehicle system. For additional information, see "Setting devices" (P. 18).
- Android Auto performance decreases. For example, slow connectivity or slow application functionality. 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 cannot be performed while driving. Turn on the "While driving" setting on your Android phone.
  - Check that you are pushing and holding **<** **>** on the steering wheel instead of just pushing the switch to voice operation.

Siri® EYES FREE

- 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>** on the control panel.
- 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 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

- No image is displayed.
  - The brightness is at the lowest setting. Adjust the brightness of the display.
  - The display may be turned off. Push **<** ☀/☾ **>** on the control panel 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.
- 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>** on the control panel.
- 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.

MAP SCREEN

- 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 ignition switch was placed in the OFF position, for example, by a ferry or car transporter. Drive the vehicle for a period of time on a road where GPS signals can be received.
  - The position and direction of the vehicle icon may be incorrect depending on the driving environments and the levels of positioning accuracy of the navigation system. This is not a malfunction. Drive the vehicle for a period of time to automatically correct the position and direction of the vehicle icon. For additional information, see "Current vehicle location" (P. 88).
  - Driving with tire chains or tires that have been replaced may result in an incorrect vehicle location display due to miscalculation by the speed sensor. Drive the

vehicle for a period of time (at approximately 19 MPH (30 km/h) for about 30 minutes) to automatically correct the vehicle icon position. If this does not correct the vehicle icon position, it is recommended you contact a NISSAN dealer.
  - The map data has a mistake or is incomplete (the vehicle icon position is always misaligned in the same area). Updated road information will be included in the next version of the map data. For additional information, see "How to update map data" (P. 94).
- 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. For additional information, see "How to update map data" (P. 94).
- 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 **< ☀/☽ >** on the control panel when turning on the headlights.
- 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>** on the control panel.
- The vehicle icon is not displayed.
  - The current location map screen is not displayed. Touch [Map] on the Launch Bar or push **<MAP>** on the control panel.

ROUTE CALCULATION AND VISUAL GUIDANCE

- 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 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. For additional information, see "Route Preference" (P. 75).
- A part of the route is not displayed.
  - The suggested route includes narrow streets. This is not a malfunction.
- The part of the route that the vehicle has already passed is deleted.
  - A route is managed by sections between waypoints. If the vehicle passed the first waypoint, the section between the starting point and the waypoint is deleted (it may not be deleted depending on the area). This is not a malfunction.
- An indirect route is suggested.
  - If there are restrictions (such as one-way streets) on roads close to the starting point or destination, the system may suggest an indirect route. Adjust the location of the starting point or destination.

- The system may suggest an indirect route because route calculation does not take into consideration some areas such as narrow streets. 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. For additional information, see "How to update map data" (P. 94).
- 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

- 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.
- 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

- Traffic information is not displayed.
  - Traffic information is not turned on. Turn on the traffic information.
  - The vehicle is in an area where traffic information is not available. Scroll to an area where traffic information is available.
  - The subscription to SiriusXM Traffic™ is incomplete, or the subscription to SiriusXM Traffic™ has expired. Check the subscription status of SiriusXM Traffic™. For additional information, see "Notes on SiriusXM Traffic™ information" (P. 80).
  - 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. For additional information, see "Traffic information on map" (P. 81).
- With the automatic detour route turned on, no detour route is set to avoid congested areas.
  - There is no faster route compared to the current route, based on the road network and the traffic information. The automatic detour search is not intended for avoiding traffic jams. It searches for the fastest route taking conditions such as traffic jams into consideration. Follow the current route. For additional information, see "Notes on SiriusXM Traffic™ information" (P. 80).
- 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 SYSTEM

- 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.
- 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 a malfunction.
- The USB/iPod® operation screen is grayed out.
  - The audio device is not connected. Connect an audio device to the system.
- 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. 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 (models with navigation system).
  - 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.
  - Partial or alias name is spoken. For best results, speak the full name.

8 Index

A

Android Auto 61
Apple CarPlay® 58
Audio operation precautions 24
Audio operations 29
Automatic map update 95

B

Bluetooth® audio 28
Bluetooth® audio menu 34
Bluetooth® Hands-Free Phone System . .38
Building graphics 69
Buttons on control panel 10

C

Changing order of destination and waypoints 78
Changing scale of map 70
Compressed Audio Files (MP3/WMA/AAC). 26
Connecting Bluetooth® Hands-Free Phone 40
Connecting iPhone® 59
Connecting to Interactive Voice Menu . . .54
Connections settings. 18
Control buttons and touch screen display 10
Current vehicle location 88

D

Deleting stored item 86
Destination setting menu 72
Displaying navigation screen. 66
Displaying urgent traffic information . . .81
During a call 41

E

Editing route 76
Editing stored information 85

F

Functions disabled while driving 16

G

Giving voice commands 100

H

Hands-free text messaging assistant . . .41

I

Information menu 48
iPod® audio menu 34

L

Launch Bar 14
Licenses 7
Liquid crystal display 12

M

Making a call 40
Map Menu screen 71
Map types 67
Map update 94
Map view settings. 70
Moving map 69

N

Navigation screen 66
Navigation settings. 87
NissanConnect® Services 51
NissanConnect® Services application . . .53
NissanConnect® Services features 51
NissanConnect® Services settings 56

O

One Shot Call 100
Options before starting the route guidance 73

P

Phone 40
Phone selection 40
Phone settings 44

Q

Quick Dial 45

R

Radio 24, 30
Radio menu 31
Recalculating route 76
Receiving a call 40
Route calculation 93
Route guidance 73, 92
Route menu 74

S

Safety information 3
Settings menu 17, 18
Siri® Eyes Free 64
Siri® operation 60
SiriusXM Traffic™ information 79
SiriusXM® Travel Link 56
Software update 49
Start-up screen 14
Starting system 14
Storing a location/route 83
Storing avoid area 84
Storing home location 83
Storing location 83
Storing route 84
Subscription to NissanConnect® Services 51
Swipe-down notifications 16
Switches on steering wheel 10
System settings 17
System voice settings 102

T

Text message settings 44
Traffic information on map 81
Traffic information setting 82

U

USB (Universal Serial Bus) connection port 13, 25
USB audio menu 34
USB memory device care and cleaning . . .35

V

Viewing SiriusXM® Travel Link 56
Viewing traffic events from list 80
Viewing traffic information 79
Voice command screen 101
Voice Prompt Interrupt 100
Voice Recognition System 100

FRONTIER

Printing : July 2026
Publication No.: N27E PV1NJU0
Printed in the U.S.A.

PV1NJ-N