

NissanConnect

OWNER'S MANUAL

FOREWORD

Thank you for purchasing a NISSAN vehicle.

This user's manual is for NissanConnect System 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
- Amazon Alexa
- Applications
- Settings

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.

© 2022 NISSAN MOTOR CO., LTD.

Contents

Introduction	1
Getting started	2
Audio system	3
Hands-Free Phone	4
Applications	5
Navigation	6
Voice recognition (if equipped)	7
Troubleshooting guide	8
Index	9

1 Introduction

How to use this manual 1-2
For safe operation 1-2
Reference symbols 1-2
Illustrations 1-2
Terms displayed on screen 1-2
Safety information 1-3
Regulatory information 1-4
Radio approval number and information 1-4
Trademarks 1-5
Disclaimer for NissanConnect Services (if equipped for Russia) 1-7
Legal disclaimer for NissanConnect Services (for Mexico) 1-7
Licenses 1-8
Software Licenses 1-8
Telematics Control Unit (if equipped) 1-8

HOW TO USE THIS MANUAL

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

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

FOR SAFE OPERATION

WARNING:

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

CAUTION:

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

NOTE:

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

REFERENCE SYMBOLS

INFO:

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

☞ Reference page:

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

< >:

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

[ ]:

This indicates a key/item displayed on the 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 layout in the illustration shows that of the Left-Hand Drive (LHD) model. For the Right-Hand Drive (RHD) model, some of the layout will be the opposite.

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, markets 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 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 −20°C (−4°F) and above 70°C (158°F)] 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 or e-POWER system stopped. Doing so may discharge the vehicle battery (12V battery). When you use the system, always keep the engine or e-POWER system 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

RADIO APPROVAL NUMBER AND INFORMATION

For Europe and the Middle East

Hereby, Robert Bosch GmbH declares that the radio equipment type AIVI2SBXM is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

https://eu-doc.bosch.com

CE

Frequency Band

2400 MHz - 2480 MHz

5490 MHz - 5600 MHz

5650 MHz - 5710 MHz ≤ 100 mW

5735 MHz - 5835 MHz ≤ 25 mW

Radiated Power [EIRP]

Bluetooth < 10 mW

WLAN < 100 mW

Hints/Restrictions

Internal Antenna

Internal antenna not accessible by user. Any change of the user will violate the legal approval of this product.

For Ukraine

Декларація про відповідність
Справжнім «Robert Bosch GmbH» заявляє, що Automotive Infotainment System моделі AIVI2SBXM відповідає основним вимогам та іншим відповідним положенням директиви 2014/53/EC, а також суттєвим вимогам Технічного регламенту радіообладнання, затвердженого постановою Кабінету Міністрів України від 24 травня 2017 року № 355.
З повним текстом української Декларації про відповідність можна ознайомитись, відвідавши сторінку на: https://eu-doc.bosch.com
Виробник: «Robert Bosch GmbH»/ «Роберт Бош ГмбХ» (Роберт-Бош-Плаза 1, 70839 Герлінген, Німеччина).

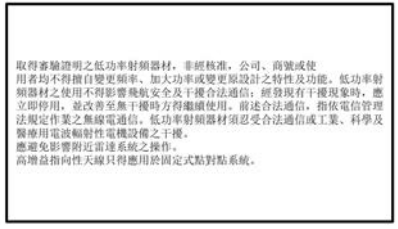


Діапазон частот:
Bluetooth (IEEE 802.15.1), WLAN 802.11 b/g/n:
2400,0 - 2483,5 МГц;
WLAN 802.11 a/n/ac:
5150 – 5250 МГц/ 5725-5875 МГц
(Glonass/GPS): 1559 - 1610 МГц
AM/FM/DAB:
526,5 – 1606,5 кГц
87,5-108 МГц
174 - 230 МГц

Максимальна вихідна потужність ЕІВП не більше, дБм (мВт) :
1,4 (1,38) Bluetooth (IEEE 802.15.1)
17,4 (54,95) WLAN 802.11 b/g/n
16,7 (46,77) WLAN 802.11 a/n/ac
13,7 (23,44) (SRD)

For Russia

For Taiwan



For Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones:

(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y

(2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Modelo: AIVI2SBXM

Marca: Bosch

TRADEMARKS

Apple, iPhone, iPod, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Apple CarPlay is a trademark of Apple Inc. Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards. Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards. Please note that the use of this product with iPhone or iPod may affect wireless performance.

Bluetooth® is a trademark owned by Bluetooth SIG, Inc. and licensed to Robert Bosch GmbH and Clarion Co., Ltd.



Music recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information, visit www.gracenote.com. Music related data from Gracenote, Inc., copyright © 2000 to present Gracenote. Gracenote Software, copyright © 2000 to present Gracenote. One or more patents owned by Gracenote apply to this product and service. See the Gracenote website for a non-exhaustive list of applicable Gracenote patents. Gracenote, the Gracenote logo and logotype are either a registered trademark or a trademark of Gracenote, Inc. in the United States and/or other countries.



SUNA Traffic Channel is provided under licence by Intelematics Australia Pty Ltd.

App Store

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

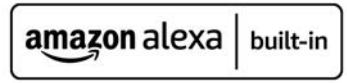
Siri

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

Google/Android/Google Play/Android Auto

Google, Android, Google Play, Android Auto, and other marks are trademarks of Google LLC.

Amazon/Alexa



Amazon, Alexa, and all related marks are trademarks of Amazon.com, Inc. or its affiliates.

DISCLAIMER FOR NISSANCONNECT SERVICES (if equipped for Russia)

NissanConnect Services are available for specific grades only. Operation speed and functioning depend on Internet speed and Smartphone model. Remote Services, Map update and Monitoring are provided for free for the 3 years from the date of NissanConnect Services activation. Vehicle history, Nissan Assistance functions are provided for free during 7 years from the date of NissanConnect Services activation.

Full range of NissanConnect Services is available on Russian Federation territory only. NissanConnect Services functioning may be influenced by Mobile operator and other services, "ERA Glonass" activation, atmospheric and topographic conditions, location of the vehicle and obstacles such as bridges, buildings, etc.

NissanConnect Services functioning may also be influenced by force majeure circumstances, technical or any other events at service providers side. Those circumstances are not considered as an issue of NissanConnect Services. In case of termination of the ownership or regular usage of the vehicle, it is necessary to deactivate NissanConnect Services and delete the vehicle from your account.

In case of buying the vehicle in aftermarket, please visit the official NISSAN dealer for your personal data confirmation for full functionality of NissanConnect Services.

LEGAL DISCLAIMER FOR NISSANCONNECT SERVICES (for Mexico)

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

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

Only use Remote Engine Start and Remote Horn features in accordance with any laws, rules or ordinances in effect in your vehicle's location.

Some services and features are provided by independent companies not within NISSAN's control. Should service provider terminate or restrict service or features, service or features may be suspended or terminated without notice or with no liability to NISSAN or its partners or agents.

Services and features may require compatible cellular network provided by independent companies not within NISSAN or its partners' or agents' control. Cellular network signal strength may vary and may not be available in all areas or at all times. Services and features may not function if cellular network is unavailable, restricted, or terminated.

NISSAN and its partners or agents are not responsible for associated costs or other third party changes that may be required for continued operation due to cellular network unavailability, restriction, or termination (including equipment replacements/upgrades, if available, or roaming charges on alternative networks). Technology is evolving, and changes by independent companies are not within NISSAN's or its partners' or agents' control. Enrollment, owner consent, personal identification number (PIN), and subscription agreement may be required to receive full suite of features and services.

Trial periods (if applicable) begin on the date of vehicle purchase or lease of a new NISSAN. Trial periods may be subject to change at any time and may be subject to early termination without notice. Required subscriptions may be sold separately for each available feature or service after trial period ends, and may continue until you call service provider to cancel. Installation costs, one-time activation fee, other fees and taxes may apply. Fees and programming subject to change. Feature

may be subject to age restrictions in some areas. Subscriptions governed by service provider's subscription agreement, terms and conditions and privacy statements available at service provider's website.

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.

TELEMATICS CONTROL UNIT (if equipped)

https://www.oss-valeo.com/nissan/default.html

2 Getting started

Control buttons and touch screen display 2-2
- Touch screen display 2-2
- Control buttons 2-2
- Switches on steering wheel 2-3
- USB (Universal Serial Bus) connection ports 2-4

Starting system 2-5
- Start-up screen (if equipped) 2-5
- Log-in screen (if equipped) 2-5

Basic operation 2-6
- How to view and operate home menu screen 2-6
- Functions disabled while driving (if equipped) 2-7

System settings 2-8
- Settings menu 2-8
- Quick Settings 2-11
- Connections settings 2-11
- Software update (if equipped) 2-16

CONTROL BUTTONS AND TOUCH SCREEN DISPLAY

TOUCH SCREEN DISPLAY

The touch screen display is located at the center of the instrument panel. Various information and operation menus are displayed on the touch screen display. Touch keys and icons on the screen for operation.

Liquid crystal display

The touch screen display on this unit is a liquid crystal display and should be handled with care.

WARNING:

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

Characteristics of liquid crystal display:

- If the temperature inside the vehicle is especially low, the display will stay relatively dim or the movement of the images may be slow. These conditions are normal. The display will function normally when the interior of the vehicle has warmed up.
- Some pixels in the display are darker or brighter than others. This condition is an inherent characteristic of liquid crystal displays, and it is not a malfunction.
- A remnant of the previous display image may remain on the screen. This screen burn is inherent in 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 neutral detergent with a soft cloth. Never spray the screen with water or detergent. Dampen the cloth first, then wipe the screen.

CAUTION:

- **Clean the display with the ignition switch or power switch in the OFF position. If the display is cleaned while the ignition switch or power 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.**

CONTROL BUTTONS

The control buttons are located below the touch screen display. Available functions, designs, locations, etc. may differ depending on the specifications, control button types and software versions.

Button	Function
< ⏻ /VOL>	Push to turn the power of the audio system on/off. Turn to adjust the volume.
< ⏮ > / < ⏭ >	Push to operate the audio system. ☞ "Audio operations" (page 3-7)
<☀/☽>	Push to switch between the day screen (bright) and the night screen (dark), and to adjust the level of the screen brightness. Push and hold the button to turn off the display. Push the button again to turn on the display.

INFO:

For **<CAMERA>** operation, refer to the vehicle Owner's Manual.

SWITCHES ON STEERING WHEEL

Switches on the steering wheel can be used to perform operations such as changing volume, conducting voice operations (if equipped), and taking phone calls. Available functions and designs may differ depending on the specifications, switch types and software versions.

Switch	Function
< 🔊 >	Push the + or - side of the switch to adjust the volume.
< ↩ ◀ >	Push to return to the previous screen while operating the Voice Recognition System (if equipped). ☞ "Voice Recognition System" (page 7-2)
< ↩ >	Push to return to the previous screen while operating the Voice Recognition System (if equipped). ☞ "Voice Recognition System" (page 7-2)
< ▲ >/< ▼ >	Push to select a voice command while operating the Voice Recognition System (if equipped). ☞ "Voice Recognition System" (page 7-2)
<OK> (Scroll dial type)	Scroll to select a voice command while operating the Voice Recognition System (if equipped). Push to confirm the selected voice command while operating the Voice Recognition System. ☞ "Voice Recognition System" (page 7-2)
<OK> (Push switch type)	Push to confirm the selected voice command while operating the Voice Recognition System (if equipped). ☞ "Voice Recognition System" (page 7-2)
< ⏮ >/< ⏭ >	This switch can be used for audio operations. ☞ "Audio operations" (page 3-7)
< 🎤 **>** (TALK)*	Push to use the Voice Recognition System (if equipped). Push and hold to end the voice recognition session. ☞ "Giving voice commands" (page 7-2) Depending on the settings, Amazon Alexa (if equipped) can be activated by pushing this switch. ☞ "System Voice settings" (page 7-4) If your iPhone is connected to the in-vehicle system via Bluetooth®, Siri Eyes Free (if equipped) can be activated by pushing and holding this switch without having to activate Apple CarPlay (if equipped). ☞ "Siri Eyes Free" (page 5-18) When Apple CarPlay or Android Auto (if equipped) is active, pushing and holding this switch will start a Siri or Google Assistant session. ☞ "Siri operation" (page 5-15) ☞ "Google Assistant™ operation" (page 5-18)

Switch	Function
< >	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.
< >	Push to answer a received call or to read 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. "4. Hands-Free Phone"
< >	Push to reject an incoming call, end an active call or to ignore the received text message. "4. Hands-Free Phone"

*: Depending on the countries, the voice operation is not available and **< >** may not function.

INFO:

Steering wheel switches are mainly for the vehicle information display control and may not be able to operate the touch screen display depending on the conditions. For details of the vehicle information display, refer to the vehicle Owner's Manual.

USB (Universal Serial Bus) CONNECTION PORTS

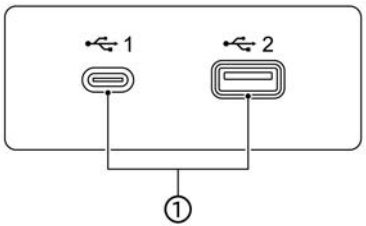
WARNING:

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

CAUTION:

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

The vehicle is equipped with USB connection ports. The in-vehicle audio system can play audio contents from the compatible connected 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 with USB cable to use Apple CarPlay (if equipped) or Android Auto (if equipped).

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.

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

START-UP SCREEN (if equipped)

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

After an animated start-up screen is displayed, a message screen will be displayed. Follow the message and operate the system accordingly.

NOTE:

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

LOG-IN SCREEN (if equipped)

Several profiled users can be recognized by the vehicle, with personal settings linked to the Intelligent Key assigned to each user. Register the user information when the Intelligent Key is used for the first time as necessary. When [Welcome Message] setting is turned on, a welcome message screen is displayed with the detected user's name each time the system starts.

☞ "Settings menu" (page 2-8)

1. The system starts when the ignition switch or power switch is placed in the ON position. A welcome message screen is displayed.
2. Check the message that is displayed on the screen. If the name shown in the welcome message is incorrect, touch to select the preferred user. The user can also be changed by touching [User Profiles].

☞ "Settings menu" (page 2-8)

INFO:

When [Sync Profile with Intelligent Key] is turned off, the users will be logged in as guests.

☞ "Settings menu" (page 2-8)

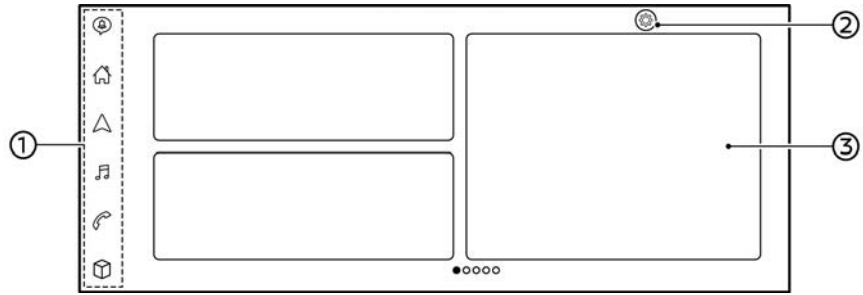
BASIC OPERATION

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

This manual mainly describes the touch screen operation.

HOW TO VIEW AND OPERATE HOME MENU SCREEN

Touch [⌂] on the Launch Bar to display the home menu screen.



① Launch Bar:

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

- [🔔] (Notifications)
  ☞ "Confirming notifications" (page 5-4)
- [⌂] (Home menu)
  Touch to display the home menu screen.
- [△] (Map)
  ☞ "Displaying navigation screen" (page 6-2)
- [♫] (Audio)
  ☞ "Audio operations" (page 3-7)
- [📞] (Phone)
  ☞ "Phone" (page 4-3)
- [📦] (Applications)
  Touch to display the applications screen.
  ☞ "Apps menu" (page 5-2)

② [⚙]:

Touch to display the settings screen.

③ Widgets:

Useful information can be displayed as widgets. Depending on the contents of the widget, keys may be available for operation of the function. The widgets displayed on the home menu screen can be customized.

☞ "Customizing home menu screen" (page 2-7)

INFO:

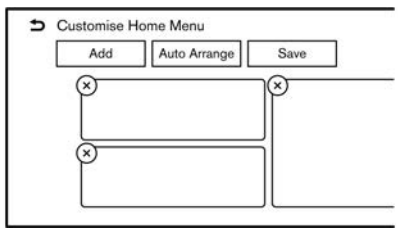
- [📞] will be replaced by [▶] when Apple CarPlay (if equipped) is active, and it

will be replaced by [ ] when Android Auto (if equipped) is active.

- [ ] is displayed on various screens. Items that can be set vary accordingly.
- Touch [+] on the last page of the home menu screen to add your preferred widget.

Customizing home menu screen

The home menu screen can be personalized by selecting which widgets are to be displayed and where to place them on the screen.



1. Touch and hold any of the widgets. The home menu customization screen will be displayed.
2. Customize the home menu screen.
   - Touch [Add] and select the widget to add to the home menu screen.
   - Touch [Auto Arrange] to align the widgets.
   - Touch [x] to delete the widget.
   - Touch and hold the widget and then drag to change the order.
3. Touch [Save].

FUNCTIONS DISABLED WHILE DRIVING (if equipped)

To ensure safe driving, some functions cannot be operated while driving.

The on-screen functions that are not available while driving will be "grayed-out" or muted. In some cases, certain text will not be displayed on the screen.

To use these functions, first park the vehicle in a safe location and then operate the system.

SYSTEM SETTINGS

The system settings can be changed for personal convenience.

SETTINGS MENU

1. Touch [⌂] on the Launch Bar.
2. Touch [⚙] and then touch a setting item you wish to adjust.

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

Available setting items

Setting item		**Result**
[Connections]		Displays the Bluetooth®, Apple CarPlay (if equipped), Android Auto (if equipped), Wi-Fi (if equipped), etc. setting screen. ☞ "Connections settings" (page 2-11)
[Phone]		Displays the phone and text message settings screen. ☞ "Phone and text message settings" (page 4-8)
[Navigation]		Displays the navigation settings screen. ☞ "Navigation settings" (page 6-34)
[Sound and Tones]/[Sound & Beeps]	[Sound]	Displays the sound settings screen. ☞ "Audio settings" (page 3-17)
	[Volume & Beeps]	Various volume settings can be adjusted. The guidance voice or button beeps can be turned on/off.
	[System Voice]	Displays the Voice Recognition System (if equipped) settings screen. ☞ "System Voice settings" (page 7-4)
[System Update]/[System Updates]	[Version Information]	Displays the version information.
	[Software Update]	Displays the software update screen. ☞ "Software update" (page 2-16)
	[Map Update]	Displays the map update screen. ☞ "How to update map data" (page 6-41)
[Clock]		Displays the clock settings screen.
[Customise Menus]/[Customize Menus]	[Customise Home Menu]/ [Customize Home Menu]	Home menu screen can be customized. ☞ "Customizing home menu screen" (page 2-7)

Setting item		Result
	[Customise Audio Sources]/ [Customize Audio Sources]	Audio source bar can be customized. ☞ "Customizing audio source bar" (page 3-8)
	[Customise Lower Menu Bar]/[Customize Lower Menu Bar]	Lower Menu Bar can be customized. ☞ "Using Lower Menu Bar " (page 6-8)
	[Customise Quick Dial]/ [Customize Quick Dial]	Quick Dial can be customized. ☞ "Customizing Quick Dial" (page 4-10)
	[Customise Destination Menu]/[Customize Destination Menu]	Destination menu can be customized. ☞ "Customizing destination setting menu" (page 6-15)
[System Settings]/[General]	[Display]	Changes the display settings.
	[Language]	Changes the language settings.
	[Units]	Changes the units settings.
	[Keyboard Type]	Selects the keyboard type.
	[Return All Settings to Default]	This resets all settings to default.
[NissanConnect Services]		Displays the NissanConnect Services settings screen. ☞ "NissanConnect Services (if equipped for Europe, Russia, Kazakhstan, Belarus and Ukraine)" (page 5-4) ☞ "NissanConnect Services® powered by SiriusXM® (for Mexico)" (page 5-5)
[Camera]		Displays the camera settings screen. See the vehicle Owner's Manual for details.
[Parking]		Displays the parking settings screen. See the vehicle Owner's Manual for details.

Setting item		Result
[Edit User]		Settings for profiled users can be registered for each Intelligent Keys. Each time the ignition switch or power switch is placed in the OFF position, the personal settings such as navigation, audio, etc. at that point will be memorized. When the system is turned on, the system recognizes the user according to the Intelligent Key used, and the memorized settings for the user will be applied. ☞ "Log-in screen" (page 2-5)
	[User Profiles]	Registers/edits user information and copies/deletes user settings.
	[Sync Profile with Intelligent Key]	Turns on/off the function that synchronizes the registered profile with the Intelligent Key. When this item is turned off, the user will be logged in as a guest.
	[Welcome Message]	Sets the welcome message on/off.
[Apps]	[Smartphone Projection]	Displays the Connections screen. The helpful tips for Apple CarPlay (if equipped) or Android Auto (if equipped) operation can also be checked. ☞ "Connections settings" (page 2-11) ☞ "Apple CarPlay" (page 5-13) ☞ "Android Auto™" (page 5-15)
	[Notifications]	Displays the notification setting screen. ☞ "Notifications settings" (page 5-4)

INFO:

This settings menu can also be displayed when touching [All Settings] displayed on various setting screens.

QUICK SETTINGS

Swipe down on the touch screen display to display the quick settings screen.

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

Setting item	Action
[Brightness]	Adjusts the brightness of the display.
[Bass]	Adjusts the sound quality by touching [-] or [+].
[Mid]/[Middle]	
[Treble]	
[Guidance Voice]	Turns the voice guidance on/off.

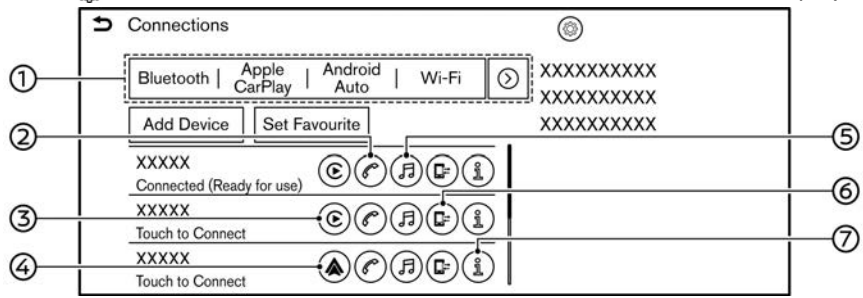
INFO:

Adjust the sound balance by touching [<], [^], [>] or [v] of the passenger compartment image displayed on the screen. Touch [Reset] to initialize the position setting.

CONNECTIONS SETTINGS

Changing the settings and viewing information of the Bluetooth®, Apple CarPlay (if equipped), Android Auto (if equipped), Wi-Fi (if equipped), vehicle hotspot (if equipped) and USB are available on the Connections screen.

1. Touch [⌂] on the Launch Bar.
2. Touch [⚙] and then touch [Connections]. The Connections screen is displayed.



① Connection Bar:

Touch to display the corresponding connections screen.

Touch [>] to display the next item.

② [📞]:

Touch to activate/deactivate the connected device to be used for the Bluetooth® Hands-Free Phone System.

③ [▶] (if equipped):

Touch to activate/deactivate the connected device to be used for Apple CarPlay.

④ [▲] (if equipped):

Touch to activate/deactivate the connected device to be used for Android Auto.

⑤ [♫]:

Touch to activate/deactivate the connected device to be used for Bluetooth® audio.

⑥ [📱⇄] (if equipped):

Depending on the models and specifications, touch to activate/deactivate the Bluetooth® tethering.

⑦ [ⓘ]:

Touch to view the device information

and to change the device settings.

- ☞ "Setting Bluetooth®" (page 2-12)
- ☞ "Setting Apple CarPlay" (page 2-13)
- ☞ "Setting Android Auto" (page 2-14)
- ☞ "Setting Wi-Fi" (page 2-14)
- ☞ "Displaying USB device information" (page 2-16)

INFO:

When [Dual Hands-free Mode]/[Dual Handsfree Mode] is turned ON, two Bluetooth® devices can be connected at the same time. The [📞] by the phone device name is numbered according to its priority.

☞ "Setting Bluetooth®" (page 2-12)

Setting Bluetooth®

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

The information of the devices can also be confirmed.

- ☞ "Apple CarPlay" (page 5-13)
- ☞ "Android Auto™" (page 5-15)
- ☞ "USB memory device, iPod and Bluetooth® audio operation" (page 3-14)
- ☞ "Bluetooth® Hands-Free Phone System" (page 4-2)

Connecting Bluetooth® devices:

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

1. Touch [Bluetooth] on the Connections screen and then touch [Add Device]. A message is displayed. Operate as guided by the system.

INFO:

If no Bluetooth® device is connected and Apple CarPlay (if equipped) or Android Auto (if equipped) is not active, the same screen can be displayed by pushing and holding **<🎤>/<📞>** on the steering wheel.

2. The paired device will be added to the list on the Bluetooth® screen.

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:

- Touching name of the other device on the list will switch the connected device.
- If a maximum number of devices are already registered, a new device cannot be registered until one of the registered devices is deleted.
- The pairing procedure varies according to the device. See the device Owner's Manual for the details.
- Consult a NISSAN dealer for information regarding Bluetooth® device connection to your vehicle.

Setting favorite device:

If the Bluetooth® device is within the range with Bluetooth® turned on, the device registered as favorite will automatically be connected to the in-vehicle system with priority upon the system activation.

1. Touch [Bluetooth] on the Connections screen and then touch [Set Favourite]/[Set Favorite].
2. Touch an icon by the phone device name you want to set as a favorite. The "★" mark will be displayed.

Bluetooth® settings:

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

Touch [Bluetooth] on the Connections screen and then touch [⚙].

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

Available setting items

Setting item	Action
[Bluetooth]	Turns the Bluetooth® connection on/off.
[Dual Hands-free Mode]/ [Dual Handsfree Mode]	When turned on, up to 2 Bluetooth® devices can be connected as hands-free phones to the in-vehicle system simultaneously.
[Dual Hands-free Mode Help]/[Dual Handsfree Mode Help]	The dual hands-free mode operation guide is displayed.
[Set Favourite]/ [Set Favorite]	A Bluetooth® device can be set as a favorite device.
[Device Name]	The device name that appears on the screen can be changed.
[PIN]	The PIN code can be changed.

Device information:

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

1. Touch [Bluetooth] on the Connections screen.
2. Touch [ⓘ] by the device name. The information and the setting options of the device will be displayed.

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

Available items

Setting item	Action
[Delete]	Paired devices can be deleted.
[Hands-free Calling]/ [Handsfree Calling]	Activates/deactivates the hands-free phone.
[Bluetooth Audio]	Activates/deactivates the Bluetooth® audio.
[Apple CarPlay]	Activates/deactivates the Apple CarPlay.
[Android Auto]	Activates/deactivates the Android Auto.
[Start-up Options]	Selects the activation options of the Apple CarPlay or Android Auto when the device is connected to the in-vehicle system.
[Vehicle's Help for Apple CarPlay]	Displays helpful tips for Apple CarPlay operation.
[Vehicle's Help for Android Auto]	Displays helpful tips for Android Auto operation.

Setting Apple CarPlay (if equipped)

Touch [Apple CarPlay] on the Connections screen. Activate Apple CarPlay if [Apple CarPlay] is not displayed.

Touch [▶] to activate/deactivate Apple CarPlay.

Touch [ⓘ] to view the device information and to change the device settings.

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

Setting item	Action
[Delete]	Paired devices can be deleted.
[Hands-free Calling]/ [Handsfree Calling]	Activates/deactivates the hands-free phone.
[Bluetooth Audio]	Activates/deactivates the Bluetooth® audio.
[Apple CarPlay]	Activates/deactivates the Apple CarPlay.

[Start-up Options]	Selects the activation options of the Apple CarPlay when the device is connected to the in-vehicle system.
[Vehicle's Help for Apple CarPlay]	Displays helpful tips for Apple CarPlay operation.

Setting Android Auto (if equipped)

Touch [Android Auto] on the Connections screen. Activate Android Auto if [Android Auto] is not displayed.

Touch [] to activate/deactivate Android Auto.

Touch [] to view the device information and to change the device settings.

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

Setting item	Action
[Delete]	Paired devices can be deleted.
[Hands-free Calling]/ [Handsfree Calling]	Activates/deactivates the hands-free phone.
[Bluetooth Audio]	Activates/deactivates the Bluetooth® audio.
[Android Auto]	Activates/deactivates the Android Auto.
[Start-up Options]	Selects the activation options of the Android Auto when the device is connected to the in-vehicle system.
[Vehicle's Help for Android Auto]	Displays helpful tips for Android Auto operation.

Setting Wi-Fi (if equipped)

A Wi-Fi connection can be made by using an available Wi-Fi network near the vehicle or tethering function of smartphone, etc. Wi-Fi connectivity is useful for updating map data and system software, or Premium Traffic (if equipped), etc.

"Software update" (page 2-16)
"How to update map data" (page 6-41)
"Premium Traffic information" (page 6-24)

Connecting to a Wi-Fi network:

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

1. Touch [Wi-Fi] on the Connections screen.
2. Turn on [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.
- Enabling the Wi-Fi hotspot functionality of your smartphone may incur additional charges from your cellular provider. Consult your cellular provider contract regarding the communication fee.
- The system can connect to only WPA2 security network (not connect WEP, WPA1 network).
- Wi-Fi networks that require a web browser cannot be accessed through this unit.
- The Wi-Fi setting can also be turned on/off by touching [] on the Connections screen and then touching [Wi-Fi].

Wi-Fi network information:

You can display the information of the Wi-Fi network.

1. Touch [Wi-Fi] on the Connections screen.
2. Touching [ⓘ] by the Wi-Fi network name will display the information of the Wi-Fi network such as status and signal strength.

The following Wi-Fi network settings are available.

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

Available items

Setting item	Action
[Forget this Network]/[Forget This Network]	The stored Wi-Fi network can be deleted from the list.
[Auto Connect]	Turning the system on will automatically connect the system to the network if the network is available.

Setting vehicle hotspot (if equipped)

The vehicle hotspot function enables devices such as a laptop computer or a tablet computer to connect to the vehicle. You can access the Internet using TCU (Telematics Control Unit) installed in your vehicle when a service provider's subscription is active.

INFO:

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

1. Touch [Vehicle Hotspot] on the Connections screen.
2. Touch to turn on [Vehicle Hotspot]. The vehicle hotspot function is activated and then Network Name (SSID) and password will be displayed.
3. Select the in-vehicle Network Name (SSID) on your device.
4. Enter the network password on the device to connect to the in-vehicle Wi-Fi network.

INFO:

- The vehicle hotspot function can also be used by scanning the QR code.
- Enabling the vehicle 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 vehicle hotspot function cannot be used while wireless Apple CarPlay (if equipped) or wireless Android Auto (if equipped) is in use.
- The other wireless communication may cause interference with the vehicle hotspot function and a delay in data transmission may occur.
- When operating the device in the vehicle, always obey the legal requirements in the state or province where you are driving.

Vehicle hotspot settings:

The vehicle hotspot settings can be changed according to your preference.

1. Touch [Vehicle Hotspot] on the Connections screen.
2. Touch [⚙].
3. Touch a preferred item.

Available setting items

Setting item	Action
[Vehicle Hotspot]	Turns the vehicle hotspot on/off.
[Network Name (SSID)]	Changes the Network Name (SSID).
[Password]	Changes the network password.

Displaying USB device information

The information of the connected USB device can be viewed.

Touch [USB] on the Connections screen.

You can display the name and type of the connected USB device by touching [ⓘ].

SOFTWARE UPDATE (if equipped)

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

INFO:

- The system prioritizes Wi-Fi connection (if equipped) over TCU (Telematics Control Unit) (if equipped) when Wi-Fi network connection is available.
- You will be charged separately when the network communication is made via smartphones. Consult your communication companies regarding the communication fee.
- The download data size of software updates depends on the updated contents (maximum 2GB). If you use your smartphone as a Wi-Fi connection, you may be charged high communication fees by your phone carrier. Please connect to a secure WPA2 Wi-Fi network to avoid potential phone carrier data charges.

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].
  ☞ "How to update from the system menu" (page 2-17)
- Wi-Fi (if equipped) or TCU (Telematics Control Unit) (if equipped) network connection is available.
  ☞ "Setting Wi-Fi" (page 2-14)

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 or power switch in the OFF position and leave the system for 20 minutes without operating the switches on the control panel and the steering wheel. Place the ignition switch or power switch in the ON position and the updated software will be available.

INFO:

- The update may not be reflected if the ignition switch or power 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) (if equipped).
- 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 equipped) or TCU (Telematics Control Unit) (if equipped) from the system menu.

1. Connect to network via Wi-Fi (if equipped) if you wish to perform the software update via Wi-Fi connection.
   ☞ "Setting Wi-Fi" (page 2-14)
2. Touch [⌂] on the Launch Bar.
3. Touch [⚙].
4. Touch [System Update]/[System Updates] and then touch [Software Update].
5. Touch [Start Software Update].

INFO:

- When [Update Method] is set to [Auto], a notification is made in case that software can be updated.
- Touch [Check for an Update] to check available updates manually.

6. Touch [Download] to start downloading and updating the system software.
7. After the system software update is complete, place the ignition switch or power switch in the OFF position and leave the system for 20 minutes without operating the switches on the control panel and the steering wheel. Place the ignition switch or power switch in the ON position and the updated software will be available.

INFO:

- The update may not be reflected if the ignition switch or power switch is placed back in the ON position before the 20-minute period has passed.
- Touch [Software Update History] to display the software update history.

MEMO

3 Audio system

Audio operation precautions 3-2
Radio 3-2
USB (Universal Serial Bus) connection port 3-3
Compressed Audio/Video Files 3-4
Bluetooth® audio 3-7
Audio operations 3-7
Audio main operation 3-7
Radio 3-9
USB memory device, iPod and Bluetooth® audio player 3-12
Smartphone audio (if equipped) 3-16
Downloaded applications (if equipped) 3-16
Audio settings 3-17
USB memory device care and cleaning 3-19
USB memory device 3-19

AUDIO OPERATION PRECAUTIONS

CAUTION:

- **Operate the audio system only when the vehicle engine or e-POWER system is running. Operating the audio system for extended periods of time with the engine or e-POWER system turned off can discharge the vehicle battery (12V battery).**
- **Do not allow the system to get wet. Excessive moisture such as spilled liquids may cause the system to malfunction.**
- **Park the vehicle in a safe location and apply the parking brake to view movies (if equipped) on the touch screen display.**

RADIO

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

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

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

Radio reception

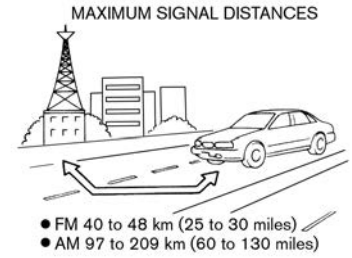
Your radio system is equipped with state-of-the-art electronic circuits to enhance radio reception. These circuits are designed to extend reception range, and to enhance the quality of that reception.

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

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

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

FM radio reception



Range: FM range is normally limited to 40 to 48 km (25 to 30 miles), 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 40 km (25 miles). 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 an increased distance from the station transmitter, static or flutter can be heard. This can be reduced by low-

ering 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 motorway 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.

Digital Audio Broadcast (DAB) (if equipped)

The supported standards for this system are DAB and DAB+.

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 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 which are different from the system language may not be displayed properly.

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:

Made for

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

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

INFO:

- Make sure that iOS is updated.
- Refer to your device manufacturer's owner information regarding the proper use and care of the device.

COMPRESSED AUDIO/VIDEO FILES

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.
  This product is protected by certain intellectua property rights of Microsoft Corporation and third parties. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary and third parties.
- WMV — Windows Media Video (WMV) is a compressed video format for several proprietary codecs developed by Microsoft. The original video format, known as WMV, was originally designed for Internet streaming applications.
  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.
- 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.
- MPEG4 AVC(H.264) — This product is licensed under the AVC patent portfolio license for the personal use of a consumer or other uses in which it does not receive remuneration to

  (i) encode video in compliance with the AVC Standard ("AVC Video") and/or

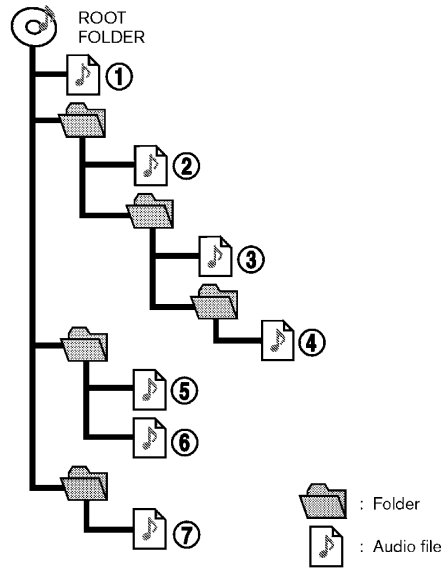
  (ii) decode AVC Video that was encoded by a consumer engaged in a personal activity and/or was obtained from a video provider licensed to provide AVC Video.

  No license is granted or shall be implied for any other use.

  Additional information may be obtained from MPEG LA, L.L.C. See http://www.mpegla.com.

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

Playback order



- 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

Video files (if equipped):

Video Codec	Supported extension
MPEG-2	.mpg, .mpeg, .mp4
MPEG-4	.mp4, .m4v, .3gp
H.264	.mp4, .m4v
WMV9/VC-1	.wmv, .avi

Music files:

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

Format			**Sampling frequency**	**Supported bitrate**
MP3 *1	MPEG1	Layer-3	32, 44.1, 48 kHz	32-320 kbps
	MPEG2		16, 22.05, 24 kHz	8-160 kbps
WMA *2			8, 11.025, 16, 22.05, 32, 44.1, 48 kHz	12-192 kbps
AAC (MPEG4) *3 (Extension “m4a” only)			11.025, 16, 22.05, 32, 44.1, 48 kHz	8-320 kbps
FLAC			8-192 kHz	128-12,288 kbps
WAV			8-192 kHz	128-12,288 kbps

*1 MPEG2.5 is not supported.

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

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

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 MAIN OPERATION

Turning audio system on/off

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

INFO:

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

Selecting audio source

Selecting from audio sources screen:

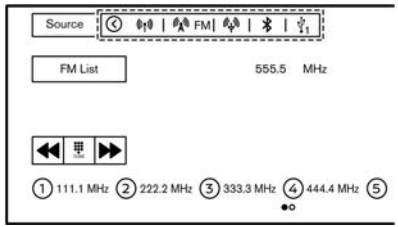
1. Touch [♫] on the Launch Bar and then touch [Source].
2. Select an audio source you prefer to play.

INFO:

- Audio sources screen can also be accessed from [♫] on the Launch Bar when the audio screen is displayed.
- Depending on the models, the audio source can also be changed by operating the vehicle information display.

Refer to the vehicle Owner's Manual for details of the vehicle information display.

Selecting from audio source bar:



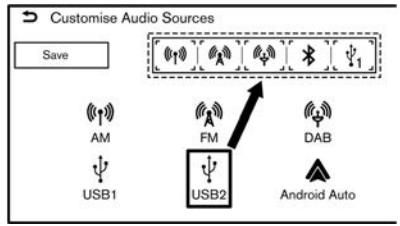
Audio source can be selected by touching the audio source bar displayed on the top of the audio screen.

INFO:

Touch [<] or [>] to show or hide the audio source bar.

Customizing audio source bar

The source icons displayed on the audio source bar can be customized.



1. Touch [♫] on the Launch Bar.
2. Touch and hold the audio source bar.
3. Drag the preferred source icons to the audio source bar.
4. Touch [Save] to confirm the setting.

INFO:

The audio source bar can also be customized by touching and holding the source icon on the audio sources screen.

RADIO

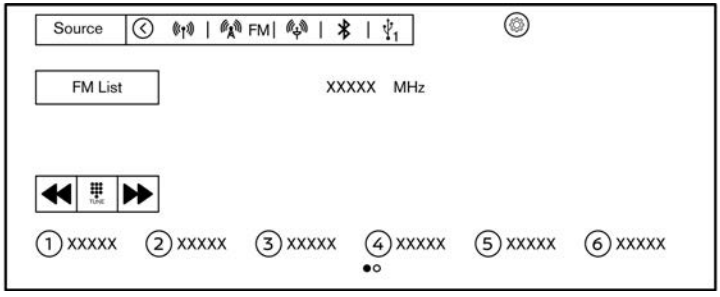
Radio activation and band selection

To listen to the radio, turn on the audio system and select a preferred radio band.
☞ "Selecting audio source" (page 3-7)

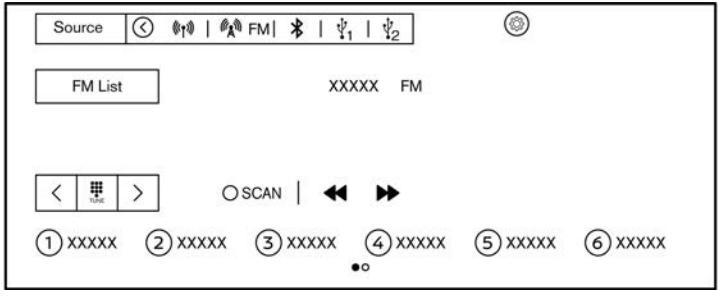
INFO:

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

Radio operation



Type A



Type B

General operations of AM, FM and DAB (if equipped) radio are as follows.
Available functions and buttons/switches may vary depending on the models, specifications, software versions and conditions.

Function	Operation
Manual tuning	● Touch screen display — Touch [<] or [>].
Fast tuning	● Control button — Push and hold < ⏮ >/< ⏭ >. ● Touch screen display — Touch and hold [◀◀] or [▶▶].
Seek tuning	● Control button — Push < ⏮ >/< ⏭ >. ● Steering wheel switch — Push and hold < ⏮ >/< ⏭ >. ● Touch screen display — Touch [◀◀] or [▶▶].
Presetting stations	● Touch screen display 1. Select a radio band. 2. Tune to the station 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 etc. will be displayed on the preset list.
Selecting preset stations	● Steering wheel switch — Push < ⏮ >/< ⏭ >. ● Touch screen display — Briefly touch a preferred station on the preset list on the radio screen.
Direct tuning	● Touch screen display 1. Touch [⠿]. 2. Manually enter the frequency using the keypad.

Function	Operation
Scan tuning	• Touch screen display — Touch [SCAN]. The stations will be tuned from low to high frequencies and stop at each broadcasting station for several seconds. Touching [SCAN] again during this period of several seconds will stop scan tuning and the radio will remain tuned to that station.

List screen

Touch [FM List], [AM List] or [DAB List] (if equipped) on each radio screen to display the corresponding list screen.

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

[Refresh]	Touch to refresh the station list.
[Radio Text]	Touch to display the radio text screen.
Station List	Available station list is displayed.

USB MEMORY DEVICE, iPod AND BLUETOOTH® AUDIO PLAYER

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 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.**

INFO:

In some countries, movie files may not be played with this system.

Connection and activation

USB memory device:

Connection

Connect a compatible USB memory device into the port.

☞ "USB (Universal Serial Bus) connection ports" (page 2-4)

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 sources screen or audio source bar.

☞ "Selecting audio source" (page 3-7)

To play a USB video, touch [Browse] on the USB audio operation screen and then touch [Videos] to select the video file.

INFO:

Park the vehicle in a safe location and apply the parking brake to view images on the USB video screen.

iPod:

Connection

Connect a compatible iPod to the USB connection port via a USB cable.

☞ "USB (Universal Serial Bus) connection ports" (page 2-4)

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.

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 sources screen or audio source bar.

☞ "Selecting audio source" (page 3-7)

Bluetooth® audio:

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

Connection

Connect a compatible streaming audio capable Bluetooth® device (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.

☞ "Connections settings" (page 2-11)

INFO:

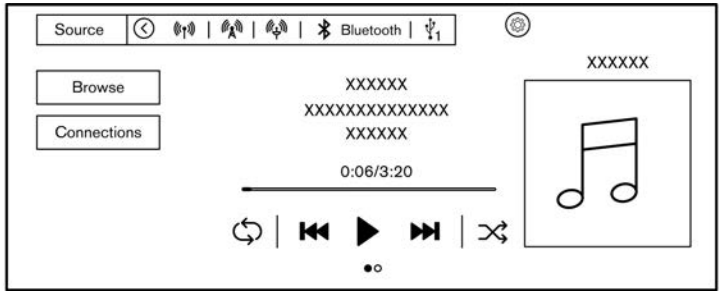
- Depending on the Bluetooth® audio device that is connected, it may not be possible to perform audio operations or a delay may occur before music is played back.
- Not all Bluetooth® devices have the same level of controls for AVRCP. Consult the manual for your Bluetooth® device for more details.
- 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 sources screen or audio source bar.

☞ "Selecting audio source" (page 3-7)

USB memory device, iPod and Bluetooth® audio operation



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

Depending on the connected device, swiping the operation screen to the next page will display the track/video list.

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

Function	**Operation**	**Applicable source**
Play	• Touch screen display — Touch [▶].	USB, iPod, Bluetooth® audio
Pause	• Touch screen display — Touch [⏸].	USB, iPod, Bluetooth® audio
Skipping tracks/videos	• Control button — Push < ⏮ >/< ⏭ >. • Steering wheel switch — Push < ⏮ >/< ⏭ >. • Touch screen display — Touch [⏮] or [⏭].	USB, iPod, Bluetooth® audio
Rewinding/fast-forwarding	• Control button — Push and hold < ⏮ >/< ⏭ >. • Steering wheel switch — Push and hold < ⏮ >/< ⏭ >. • Touch screen display — Touch and hold [⏮] or [⏭].	USB, iPod, Bluetooth® audio

Function	Operation	Applicable source
Changing play mode	● Touch screen display — Touch [ ] to change the repeat mode. — Touch [ ] to change the random mode.	USB, iPod, Bluetooth® audio
Connecting/changing device	● Touch screen display — Touch [Connections] or [ ].	Bluetooth® audio
Selecting playback speed	● Touch screen display — Touch [Speed] to select the playback speed.	USB (video files only)

INFO:

- For USB and iPod, the playback position can be changed by operating the progress bar displayed below the playback time.
- When playing the USB video, touch the display to show the operation keys.

Browse screen

By touching [Browse] or [☰] displayed on the operation screen, you can search for songs or videos by genre, word, alphabet, etc.

- Touching [🔍] can search for tracks/videos by word.
- Touching [AZ] can search for tracks/videos by alphabet.

INFO:

[🔍] and [AZ] may not be displayed depending on the audio source and software versions.

SMARTPHONE AUDIO (if equipped)

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

☞ "Apple CarPlay" (page 5-13)
☞ "Android Auto™" (page 5-15)

Connecting smartphone

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

☞ "USB (Universal Serial Bus) connection ports" (page 2-4)

Depending on the models, specifications and software versions, iPhone or Android phone can also be connected wirelessly for Apple CarPlay or Android Auto.

☞ "Connecting iPhone wirelessly" (page 5-14)
☞ "Connecting Android phone wirelessly" (page 5-17)

Smartphone audio operation

1. Connect the iPhone or Android phone and activate Apple CarPlay or Android Auto.
2. Touch [♫] on the Launch Bar when the audio screen is displayed.
3. Touch [Apple CarPlay] or [Android Auto] in the audio sources screen, and the smartphone audio starts activating.
   ☞ "Selecting audio source" (page 3-7)

DOWNLOADED APPLICATIONS (if equipped)

You can use the application downloaded to the vehicle such as Amazon Alexa (if equipped).

1. Touch [♫] on the Launch Bar when the audio screen is displayed.
2. Touch [Apps] and then touch [Downloaded Apps].
   ☞ "Downloaded Apps" (page 5-19)
3. Touch the download application to start.

AUDIO SETTINGS

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

Type A:

Touch [♫] on the Launch Bar and then touch [⚙].

Type B:

Touch [♫] on the Launch Bar.

- When the USB, iPod or Bluetooth® audio operation screen is displayed:
  Touch [⚙].
- When the AM, FM operation screen is displayed:
  Touch [⚙] and then touch [Audio Settings].

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

Setting items		**Action**
[Connections]		Displays the Connections settings screen. ☞ "Connections settings" (page 2-11)
[Traffic announcement]		When this item is turned on, received TA (Traffic Announcement) will interrupt the audio source that is playing.
[Radio Settings]	[Regionalisation (REG)]	When this item is turned on, the system will switch to regional radio programs when detected.
	[DAB-FM Linking]	When this item is turned on, the system searches for and tunes to FM stations when DAB reception is poor.
[Video Options]	[Display Settings]	Adjust the display brightness, contrast and black level.
	[Aspect Ratio]	Touch to select a display mode from normal, full and stretched.
[Sound]	[Bass]	Adjust the sound quality by touching [-] or [+].
	[Mid]/[Middle]	
	[Treble]	
	[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 [-] or [+] to change the sensitivity level.
	Balance setting	Adjust the sound balance by touching [<], [^], [>] or [v] of the passenger compartment image displayed on the screen. Touch [Reset] to initialize the position setting.
[Speed Sensitive Vol]		Automatically adjusts the volume depending on the vehicle speed. Touch [-] or [+] to change the sensitivity level.
[Audio Volume]		Adjust the volume level by touching [-] or [+].
[Customise Audio Sources]/[Customize Audio Sources]		Displays the editing screen for audio source bar. ☞ "Customizing audio source bar" (page 3-8)

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

4 Hands-Free Phone

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

BLUETOOTH® HANDS-FREE PHONE SYSTEM

WARNING:

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

CAUTION:

To avoid draining the vehicle battery (12V battery), use a phone only after starting the engine or e-POWER system.

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 phone call with your cellular phone in your pocket.

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

The Voice Recognition System (if equipped) supports phone commands, so dialing a phone number using your voice is possible.

☞ "Voice Recognition System" (page 7-2)

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

- Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when using the Bluetooth® functions.
- Set up the wireless connection between a compatible cellular phone and the in-vehicle phone module before using the Bluetooth® Hands-Free Phone System.
- Some Bluetooth® enabled cellular phones may not be recognized by the in-vehicle phone module.

  Consult a NISSAN dealer for phone compatibility.
- You will not be able to use a hands-free phone under the following conditions:
  - Your vehicle is outside of the phone 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 or power switch is placed in the ACC or ON position, it may be impossible 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.
- Consult a NISSAN dealer if the Blue-

tooth® Hands-Free Phone System seems to be malfunctioning.

- 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 phone pairing procedure specific to your phone, battery charging, cellular phone antenna, etc.
- The antenna display on the screen may not coincide with the antenna display of some cellular phones.
- The battery display on the screen may not coincide with the battery display of some cellular phones.
- Keep the interior of the vehicle as quiet as possible to hear the caller's voice clearly as well as to minimize its echoes.
- If reception between callers is unclear, adjusting the outgoing call volume may improve the clarity.

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

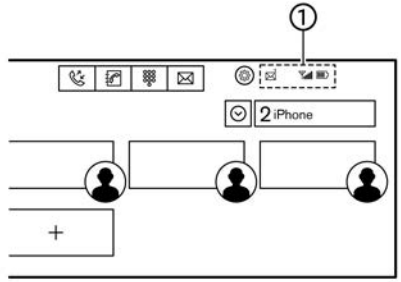
PHONE SCREEN

When a cellular phone is connected through the Bluetooth® wireless connection, touch [ ] on the launch bar to display the phone screen.

INFO:

- The phone screen can also be displayed by pushing **< >/< >** on the steering wheel.
- Depending on the connected device, some functions cannot be used.

INDICATORS



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

Available indicators may vary depending on connected devices, specifications and software versions.

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

PHONE

Connecting Bluetooth® Hands-Free Phone

A cellular phone device must be connected to the Bluetooth® Hands-Free Phone System before operation.

☞ "Connections settings" (page 2-11)

Phone selection

The connected cellular phone for use with the Bluetooth® Hands-Free Phone System can be selected from the Connections screen.

☞ "Connections settings" (page 2-11)

INFO:

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

Making a call

1. Touch [ ] on the Launch Bar.
2. Select one of the following icons (methods) displayed on the top of the screen.

[ ] (Quick Dial)	Select a telephone number registered as a Quick Dial number. "Quick Dial" (page 4-10)
[ ] (Call History)	Select a telephone number from recent incoming, outgoing or missed calls.
[ ] (Phonebook)	Select a person and the phone number you wish to call from the phonebook. Depending on the device, the phonebook will be downloaded from the cellular phone automatically when it is connected. If the automatic download does not take place, the telephone number must be transferred to the Hands-Free Phone System from the cellular phone prior to using this method. "Phone and text message settings" (page 4-8)
[ ] (Dial Number)	Enter the phone number manually using the keypad displayed on the screen.

INFO:

If [Dual Hands-free Mode]/[Dual Handsfree Mode] is turned on, two hands-free phone devices can be connected at the same time. To select a phone to make a call, touch [ ] beside the phone name.
"Bluetooth® settings" (page 2-13)

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.

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

Holding a call:

To hold the call, touch [Hold Call].

During a call

The call-in-progress screen will appear during a call.

Hanging up a call:

To hang up the phone, take one of the following actions.

- Push **< >/< >** on the steering wheel.
- Touch [Hang Up]/[Hang up].

Operations during a call:

There are some options available other than hanging up a call.

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

Available item	Action
[Mute]	When muted, your voice will not be heard by the person on the other end of the line.
[Use Handset]	Transfer the call to the cellular phone.
[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>** while talking on the phone.

Call from a second person:

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

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

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

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

During a call with a second person:

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

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

HANDS-FREE TEXT MESSAGING ASSISTANT

WARNING:

- **Use the text messaging feature after parking your vehicle in a safe location. If you have to use the feature while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.**
- **Laws in some jurisdictions may restrict the use of some of the applications and features, such as social networking and texting. Check local regulations for any requirements.**
- **If you are unable to devote full attention to vehicle operation while using the text messaging feature, pull off the road to a safe location and stop your vehicle.**

CAUTION:

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

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

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

Receiving a message

When the cellular phone connected to the vehicle receives a text message, a notification will appear on the touch screen display with a tone. (Depending on the models, the notification will also appear on the vehicle information display.)

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.

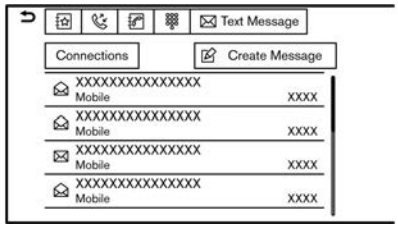
The text message for auto reply can be edited.

"Phone and text message settings" (page 4-8)

INFO:

- 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 by operating the switch on the steering wheel. Push **< >/<>** to read the message. To ignore the message, push and hold **< >** (if equipped) or push **<>** (if equipped).

Displaying received message list

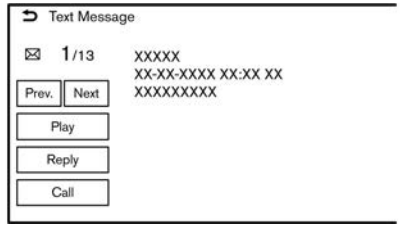


1. Touch [] on the Launch Bar.
2. Touch [] (Text Message).
3. Touch an item on the list to read or reply to the message.

INFO:

Either of the connected phone devices can be selected for text message viewing operation when [Dual Hands-free Mode]/[Dual Handsfree Mode] is turned on.
"Bluetooth® settings" (page 2-13)

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 keys may vary depending on the situations and models.

Available actions:

- [Prev.]:
  Touch to read the previous message.
- [Next]:
  Touch to read the next message.
- [Play] or [Stop]:
  Touch [Play] to have "Text-to-Speech" function read out the received message. Touch [Stop] to stop reading.
- [Reply]:
  Touch to reply to the message.
  "Sending a text message" (page 4-6)
- [Call]:
  If the sender of the message is registered in the phonebook, touch this icon to make a call to the sender.

INFO:

- Depending on the language setting, the "Text-to-Speech" function may not be available.
- If the sender's name and phone number are registered in the phonebook, the name of the sender is displayed when a message is received.
- To adjust the message reading voice volume, push **< >** on the steering wheel or turn **< /VOL>**.

Sending a text message

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

1. Touch [] 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 [Dual Hands-free Mode]/[Dual Handsfree Mode] is turned on.
"Bluetooth® settings" (page 2-13)

The following items are available.

Available item		**Action**
[To]	[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.
	[Enter Number with Keypad]/ [Enter Number by Keypad]	Enter the phone number of the recipient using the keypad. Touch [OK] to confirm.
[Select Text]	[Fixed]	Select a text from the fixed text message list.
	[Customised]/[Customized]	Select a text from the customized text message list. Customized text can be created or edited from the setting menu. ☞ "Phone and text message settings" (page 4-8)
[Send]		Touch to send the message.

PHONE AND TEXT MESSAGE SETTINGS

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

Touch [] on the Launch Bar and then touch [].

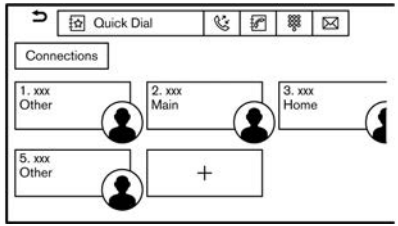
Available setting items may vary depending on models, specifications and software versions.

Available setting items

Setting item			**Action**
[Connections]			Displays the Connections screen. Phone connection, selection, deletion and other features are available. "Connections settings" (page 2-11)
[Phone]	[Quick Dial]	[Edit]	Entries in the Quick Dial can be edited or deleted. Touch [+] to register a new entry.
		[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 Download]/[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 ringtone on/off.
		[Signature]	Turns the signature setting for the outgoing text message on/off.
		[Auto Reply]	Turns the automatic text message reply function on/off.
		[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.

Setting item			Action
	[Notifications]	[Driver Only]	When this item is turned on, incoming call notification is displayed only on the vehicle information display.
		[Vehicle 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.
[Ringtone]			Adjusts the volume level of the ringtone of incoming calls.
[Outgoing Volume]			Adjusts the volume level of the outgoing calls.

Quick Dial



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

Registration:

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

   Available methods:

   - [Copy from Call History]:

     A phone number can be selected from [All], [Incoming], [Outgoing], or [Missed] call history lists.
   - [Copy from Phonebook]:

     A phone number can be selected from the phonebook.
   - [Enter Number with Keypad]:

     A phone number can be entered manually using keypad.

INFO:

Available methods may vary depending on cellular phone support.

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

INFO:

When [Dual Hands-free Mode]/[Dual Handsfree Mode] is turned on, Quick Dial can be registered for each of the connected phones.

"Bluetooth® settings" (page 2-13)

Voice Tag (if equipped):

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 [Customise]/[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.

Customizing Quick Dial:

You can customize the Quick Dial registered items.

1. Touch [] on the Launch Bar.
2. Touch [] (Quick Dial).
3. Touch and hold any of the registered Quick Dial items. Customize Quick Dial screen will be displayed.
4. Customize the Quick Dial screen.
   - Touch [Add] to add a contact.
   - Touch [x] to delete the contact.
   - Touch and hold the Quick Dial item and then drag to change the order.

5 Applications

Apps menu 5-2
Confirming notifications 5-4
NissanConnect Services (if equipped for Europe, Russia, Kazakhstan, Belarus and Ukraine) 5-4
Privacy policy NissanConnect Services 5-4
NissanConnect Services menus 5-5
NissanConnect Services settings 5-5
NissanConnect Services® powered by SiriusXM® (for Mexico) 5-5
Subscription to NissanConnect Services 5-5
Important information regarding access to NissanConnect Services 5-5
NissanConnect Services features 5-7
NissanConnect Services menus 5-10
NissanConnect Services settings 5-12
Apple CarPlay (if equipped) 5-13
Compatibility 5-13
Connecting iPhone 5-13
Apple CarPlay operation 5-14
Apple CarPlay settings 5-15
Apple CarPlay system limitations 5-15
Android Auto™ (if equipped) 5-15
Compatibility 5-16
Initial Android Auto settings 5-16
Connecting Android phone 5-16
Android Auto operation 5-17
Android Auto settings 5-18
Android Auto system limitations 5-18
Siri Eyes Free (if equipped) 5-18
Requirements 5-19
Siri Eyes Free activation 5-19
Operating Siri Eyes Free 5-19
Downloaded Apps (if equipped) 5-19
Apps settings 5-19

APPS MENU

The various applications can be set or viewed from the apps menu.

Touch [] on the Launch Bar to display the apps menu.

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

Menu item		Action
[Notifications]		Displays the notifications screen. "Confirming notifications" (page 5-4)
[NissanConnect Services]		Displays the NissanConnect Services menu screen. "NissanConnect Services (if equipped for Europe, Russia, Kazakhstan, Belarus and Ukraine)" (page 5-4) "NissanConnect Services® powered by SiriusXM® (for Mexico)" (page 5-5)
[NissanConnect Services App]/[Download Mobile App]		Displays the QR code for downloading the NissanConnect Services App.
[Downloaded Apps]		Displays the Downloaded Apps screen.
[Weather]		Displays the weather information. To view weather information, touch [] on the weather screen and then turn on [Weather Data Communication]/[TomTom Weather]. Favorite city can be changed by touching [] on the weather screen and then touching [Favourite City for Weather]/[Favorite City for Weather].
[Where Am I?]		The name and distance of the next/previous street, and other information that indicates the current vehicle location are displayed.
[GPS Position]		Displays Global Navigation Satellite System (GNSS) information, such as number of satellites, latitude/longitude, and approximate altitude, etc.
[System Information]	[Version Information]	Displays the version information.
	[Licence Information]/[License Information]	Displays the Open Source Software licenses.
[Smartphone Projection]	[Apple CarPlay]	Displays the Apple CarPlay screen. "Apple CarPlay" (page 5-13)
	[Android Auto]	Displays the Android Auto screen. "Android Auto™" (page 5-15)

Menu item	Action
[Traffic Information]	Displays the traffic event list. ☞ "Viewing traffic events from list" (page 6-24)
[Premium Traffic]	

INFO:

- The applications screen can also be accessed by touching [⌂] on the Launch Bar and then touching [All Apps].
- Depending on the models and specifications, touch [⚙] when the apps menu is displayed. The vehicle data transmission setting will turn on/off each time [Vehicle Data Transmission] is touched.

CONFIRMING NOTIFICATIONS

By touching [] on the Launch Bar, a list of notifications (such as missed calls and received text messages) can be displayed.

Touch an item on the list to see details.

INFO:

- When there are unconfirmed notifications, the number of the unconfirmed items will be displayed on [].
- Touch [Delete All] to delete all items.

Notifications settings

Notifications settings can be turned on/off with the following procedure.

1. Touch [] on the Launch Bar.
2. Touch [].
3. Touch the preferred item and change the setting.

NISSANCONNECT SERVICES (if equipped for Europe, Russia, Kazakhstan, Belarus and Ukraine)

This vehicle incorporates a communication device that is called TCU (Telematics Control Unit). The communication connection between this unit and the Nissan Data Center allows for various services.

For Europe:

For details, refer to the NissanConnect Services app and YOU+Nissan Owners' Portal.

For Russia:

For details, refer to the NissanConnect Services app and https://www.nissan.ru.

For Kazakhstan:

For details, refer to the NissanConnect Services app and http://www.nissan.kz.

For Belarus:

For details, refer to the NissanConnect Services app and http://www.nissan.by.

For Ukraine:

For details, contact a NISSAN dealer.

PRIVACY POLICY NISSANCONNECT SERVICES

The transferred personal data will be stored only for period necessary for the processing, and will be then deleted or anonymized.

For Europe:

For any further information in relation to the retention period and the protection of your personal data, please refer to the Terms and Conditions available in the NissanConnect Services app and YOU+Nissan Owners' Portal.

For Russia:

For any further information in relation to the retention period and the protection of your personal data, please refer to the Terms and Conditions available in the NissanConnect Services app and https://www.nissan.ru.

For Kazakhstan:

For any further information in relation to the retention period and the protection of your personal data, please refer to the Terms and Conditions available in the NissanConnect Services app and http://www.nissan.kz.

For Belarus:

For any further information in relation to the retention period and the protection of your personal data, please refer to the Terms and Conditions available in the NissanConnect Services app and http://www.nissan.by.

For Ukraine:

For any further information in relation to the retention period and the protection of your personal data, please contact a NISSAN dealer.

NISSANCONNECT SERVICES MENUS

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

NISSANCONNECT SERVICES SETTINGS

NissanConnect Services settings can be changed.

1. Touch [ ] on the Launch Bar.
2. Touch [NissanConnect Services].
3. Touch [ ].

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

Setting items	Action
[Information Channel Setting]	Setting the automatic download, editing channel list or deleting information channel history can be performed from the Information Channel settings screen.
[Unit ID Information]	Displays the Unit ID Information.
[Reset all NissanConnect Svcs. Settings to Default]	All NissanConnect Services settings are returned to default.
[Privacy Mode Setting]	Allows you to accept or decline the Privacy Mode.

INFO:

What happens when Privacy Mode is ON?

When Privacy Mode is ON (by declining NissanConnect Services while switching on your vehicle or via the NissanConnect Services settings), your data will not be processed for purposes relating to NissanConnect Services. They might however be processed for the purpose of services other than NissanConnect Services which are (i) either mandatory (such as eCall in Europe, or Glonass in Russia), (ii) that you might have activated independently and manually (such as bCall), or (iii) relating to services that you have subscribed to and remains activated for your safety (SVT, theft/burglar notification).

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 Mexicana 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, trim level, packaging and options. Compatible connected device may be required and feature availability may be dependent on device's capability. Refer to connected device's owner's manual for details. Late availability for some features.

Driving is serious business and requires your full attention. Only use features and connected devices when safe and legal to do so. Some features, including automatic crash notification and SOS, are dependent upon the telematics device being in operative condition, its ability to connect to a wireless network, compatible wireless network availability, navigation map data and GNSS signal receptions, the absence of which can limit or prevent the ability to reach Customer Care or

receive support. GNSS mapping may not be detailed in all areas or reflect current road status. Never program GNSS while driving. Only use Remote Engine Start and Remote Horn features in accordance with any laws, rules or ordinances in effect in your vehicle's location.

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

Enrollment, owner consent, personal identification number (PIN), and subscription agreement may be required to receive full suite of features and services. Trial periods (if applicable) begin on the date of vehicle purchase or lease of a new NISSAN. Trial periods may be subject to change at any time and may be subject to early termination without notice. Required subscriptions may be sold separately for each available feature or service after trial period ends, and may continue until you call service provider to cancel. Installation costs, one-time activation fee, other fees and taxes may apply. Fees and programming subject to change. Feature may be subject to age restrictions in some areas. Subscriptions governed by service provider's subscription agreement, terms and conditions and privacy statements available at service provider's website.

NissanConnect Services is a collection of security and convenience services that add innovation to your daily drive.

If equipped, your vehicle may include NissanConnect connected features and services such as Emergency SOS calling, Automatic Collision Notification, Wi-Fi, Remote Services, Navigation, Bluetooth® and more. For complete information about your NissanConnect features and services, please consult your vehicle's NissanConnect Owner's Manual at www.nissan.com.mx/nissan-connect.

For frequently asked questions, please visit www.nissan.com.mx/nissan-connect.

For full details on NissanConnect Services or to enroll your vehicle, please visit www.nissan.com.mx/nissan-connect.

You can enroll your NissanConnect Services with your dealer or into the Customer Web Portal "https://www.nissanconnectservices.mx/nissan-owners/" by creating an account with your Vehicle Identification Number (VIN) and your personal data. Follow the prompts to enroll in NissanConnect Services.

Some of the available NissanConnect Services include:

- **Automatic Collision Notification (if equipped):**
  A service that generates an automatic connection between the vehicle and a live response specialist when the vehicle has been involved in an accident that was severe enough to deploy the air bags.
- **Emergency Call (if equipped):**
  Connects you to a live response specialist who will assist in the dispatch of emergency services to the vehicle location. To use this feature, push the Emergency Call (SOS) button near the map light. The Emergency Call (SOS) button should only be used in emergency situations or in conjunction with the Roadside Assistance feature (if equipped), if warranted.

- **Wi-Fi Hotspot (if equipped):**
  Enables you to connect up to seven devices to the vehicle and access the Internet when a service provider's subscription is active.

NISSANCONNECT SERVICES FEATURES

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

If equipped, your vehicle may include NissanConnect connected features and services such as Emergency SOS calling, Automatic Collision Notification, Remote Services, Navigation, Wi-Fi, Bluetooth® and more. For complete information about your NissanConnect features, enrollment and services, please visit www.nissan.com.mx/nissan-connect.

WARNING:

- **Please note that the Automatic Collision Notification service (if equipped) and Emergency Call function (if equipped) 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.**

INFO:

- NissanConnect Services features are dependent upon subscription enrollment and the telematics device being in operative condition, cellular connectivity, navigation map data and GNSS signal reception. Terms and conditions of the NissanConnect Services Subscription Agreement apply.
- Enrollment is required in order to use NissanConnect Services. The services that can be received vary depending on the plan in which you are enrolled.
- 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, Remote Services, Navigation, Bluetooth® and more. NissanConnect Services may be updated. The latest detailed information is available on

the following website or from the support line.

NissanConnect Services website:

www.nissan.com.mx/nissan-connect

NissanConnect customer support line:

800 9647726

- **Automatic Collision Notification (if equipped):**
  The TCU (Telematics Control Unit) generates a signal automatically to the NissanConnect Services Response Center in the case of an accident severe enough to trigger one of the vehicle's air bags. Upon the signal, a Response Specialist receives the vehicle location and customer information and notifies the proper authorities in accordance with established policies and procedures.
- **Emergency Call (if equipped):**
  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 (if equipped):**
  Roadside Assistance allows you to receive assistance from the Roadside Response Specialist for a non-emergency incident that requires a towing or third-party response service. The service can be accessed by touching [Call Nissan Assistance].
  ☞ "Connecting to Interactive Voice Menu" (page 5-10)
  If you add [🎧] (Call Nissan Assistance) to the Lower Menu Bar in advance, you can also use the Interactive Voice Menu from the map screen.
  ☞ "Using Lower Menu Bar " (page 6-8)
  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 subscription

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

www.nissan.com.mx/nissan-connect

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 or e-POWER system stopped. Doing so may discharge the vehicle battery (12V 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

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

1. Touch [] on the Launch Bar.
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.

Available items	Content
[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. "Connecting to Interactive Voice Menu" (page 5-10)
[History]	Accesses the messages sent to the vehicle from the NissanConnect Services Data Center. "History" (page 5-10)

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:

www.nissan.com.mx/nissan-connect

NissanConnect customer support line:

800 9647726

1. Touch [] 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:

- If you add [] (Call Nissan Assistance) to the Lower Menu Bar in advance, you can also use the Interactive Voice Menu from the map screen.
  "Using Lower Menu Bar " (page 6-8)
- After selecting [Call Nissan Assistance], it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- To avoid disconnecting the line, do not turn off the engine or e-POWER system.

History

Messages received from the NissanConnect Services Data Center are displayed.

1. Touch [] on the Launch Bar.
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.
- 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>**.
- 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:

  www.nissan.com.mx/nissan-connect

  NissanConnect customer support line:

  800 9647726

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. Touch [ ] on the Launch Bar.
2. Touch [NissanConnect Services] and then touch [ ].

INFO:

Menu		**Action**
[Delete All Information Feed History]		All information feed history will be deleted.
[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]		Turns on/off the data transmission to the NissanConnect Services Data Center.

Apple CarPlay (if equipped)

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 Bluetooth®/Wi-Fi network (if 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:

- In some countries, iPhone in the market may not be supported by Apple CarPlay. Refer to the following website.
  https://www.apple.com/ios/feature-availability/
- 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 (if equipped) will be disabled while Apple CarPlay is connected. To access your phone, use the Siri function or select the phone icon in the Apple CarPlay top menu screen.
- If you set a route guidance destination with Apple CarPlay, the route setting previously set on NissanConnect navigation system will be canceled.

CONNECTING iPhone

This system supports wireless Apple CarPlay. To connect Apple CarPlay wirelessly, the Bluetooth® and Wi-Fi network (if equipped) must be available with the in-vehicle system before operation.

☞ "Setting Bluetooth®" (page 2-12)
☞ "Setting Wi-Fi" (page 2-14)

INFO:

Depending on the device and firmware version of the iPhone, wireless Apple CarPlay 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.
   ☞ "USB (Universal Serial Bus) connection port" (page 3-3)
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 on the notification, Apple CarPlay will automatically start wirelessly from next time.

Connecting iPhone wirelessly

1. Connect the iPhone to the in-vehicle system via Bluetooth®.
   ☞ "Setting Bluetooth®" (page 2-12)

INFO:

If no Bluetooth® device is connected and Apple CarPlay or Android Auto (if equipped) is not active, pushing and holding **<** **>** on the steering wheel can display the Bluetooth® device connection screen.
☞ "Connecting Bluetooth® devices" (page 2-12)

2. Depending on the setting, a Startup Information screen will appear. Touch [Yes] to use Apple CarPlay.
3. 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.

4. Wireless Apple CarPlay will start and the Apple CarPlay screen will appear.

INFO:

Notifications may appear while connecting the iPhone. Follow the message and operate accordingly.

Operating tips

- If [Don't Ask Any More]/[Don't Ask Anymore] is turned on on the Startup Information screen, the Startup Information screen will not be displayed from the next Apple CarPlay activation. The Startup Information screen can be set to appear again on the Connections screen.
  ☞ "Setting Apple CarPlay" (page 2-13)
- The map update will be stopped while using wireless Apple CarPlay.
- The connection with the other Bluetooth® device may be disconnected when wireless Apple CarPlay is activated.
- Once the wireless connection has been established, Apple CarPlay will be automatically connected wirelessly next time.
- Wireless Apple CarPlay uses the Wi-Fi network (if 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 via USB cable, the in-vehicle system provides power to the iPhone.
- If wireless Apple CarPlay does not start automatically, touch [▶] on the Connections screen.
  ☞ "Connections settings" (page 2-11)
- If you are using Apple CarPlay or Android Auto (if equipped), 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.
  ☞ "Connections settings" (page 2-11)

Apple CarPlay OPERATION

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 Projection] on the apps menu, and then touch [Apple CarPlay].
  ☞ "Apps menu" (page 5-2)

- 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 **<** **>** 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

Apple CarPlay can be turned on/off or registration information can be deleted.
"Setting Apple CarPlay" (page 2-13)

INFO:

Access to songs on your iPod via in-vehicle Voice Recognition System (if equipped) will not be available when Apple CarPlay is active. To access your iPod music, use the Siri function or select the music icon in the Apple CarPlay top menu screen.

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™ (if equipped)

WARNING:

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

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

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

INFO:

- In some countries, Android phone in the market may not be supported by Android Auto.
- Download the Android Auto App from Google Play™ to Android phone in advance.
- For best results, always update your device to the latest Android software and Android Auto App version. When you connect the Android phone to the in-vehicle system, it will automatically update the Android software and Android Auto App version.
- Android Auto will take the place of your Bluetooth® audio and Bluetooth® hands-free phone functionality.
- When setting a route with the navigation system, if you set a destination with Android Auto, the route setting of the navigation system will be cancelled.
- The Phone menu and access to the connected phone through the Voice Recognition System (if equipped) will be disabled while Android Auto is connected. To access your phone, talk to your Google Assistant or select the phone icon in the Android Auto top menu screen.

INITIAL Android Auto SETTINGS

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

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

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

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

CONNECTING Android PHONE

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.

☞ "Setting Bluetooth®" (page 2-12)
☞ "Setting Wi-Fi" (page 2-14)

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 USB connection port.
   ☞ "USB (Universal Serial Bus) connection ports" (page 2-4)
2. Depending on the setting and condition, 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. Once you enable wireless Android Auto on the notification, Android Auto will automatically start wirelessly from next time.

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 equipped)

1. Connect the Android phone to the in-vehicle system via Bluetooth®.
   "Setting Bluetooth®" (page 2-12)

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.
"Connecting Bluetooth® devices" (page 2-12)

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 map update will be stopped while using wireless Android Auto (if equipped).
- Once the wireless connection (if 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 equipped) via USB cable, the in-vehicle system provides power to the Android phone.
- If wireless Android Auto (if equipped) does not start automatically, touch [Android Auto] on the Connections screen.
  "Connections settings" (page 2-11)
- 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.
  "Connections settings" (page 2-11)

Android Auto OPERATION

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 [Android Auto] on the Launch Bar.
- Touch [Smartphone Projection] on the apps menu, and then touch [Android Auto].
  "Apps menu" (page 5-2)

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 **<** **>** 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

Android Auto can be turned on/off or registration information can be deleted.

"Setting Android Auto" (page 2-14)

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 (if equipped)

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 via 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:

- Depending on the countries, the voice operation is not available and **<** **>** on the steering wheel may not function.
- 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 Apple's website for details about device compatibility.

Siri must be enabled on the iPhone. 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.

1. Connect a Siri Eyes Free enabled iPhone to the vehicle.
   "Setting Bluetooth®" (page 2-12)
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.

Touch [Exit] to end Siri Eyes Free.

DOWNLOADED APPS (if equipped)

You can use the application downloaded to the vehicle such as Amazon Alexa (if equipped).

"Amazon Alexa" (page 7-5)

1. Touch [ ] on the Launch Bar.
2. Touch [Downloaded Apps].
3. Touch the icon to start the application.

APPS SETTINGS

The information of the downloaded application is displayed.

1. Touch [ ] on the Launch Bar.
2. Touch [Downloaded Apps].
3. Touch [App Settings]/[Apps Settings] and then touch [Information].
4. Touch the name of the application displayed in the list to display version information, etc.

MEMO

6 Navigation

Safety information 6-2
Navigation screen 6-2
Displaying navigation screen 6-2
Map operation 6-3
Map types 6-3
Road color 6-9
Moving map 6-9
Changing scale of map 6-9
Traffic information on map (if equipped) 6-9
Map Menu screen 6-9
Map settings 6-10
Setting destination 6-12
Displaying destination setting menu 6-12
Options before starting the route guidance (if equipped) 6-15
Route guidance 6-16
About route guidance 6-16
Route options 6-17
Routing preferences 6-20
Editing route 6-22
Voice guidance settings 6-23
Viewing traffic information (if equipped) 6-24
RDS-TMC feature (if equipped) 6-24
Premium Traffic information (if equipped) 6-24
Viewing available traffic information 6-24
Traffic information settings 6-25
Storing a location/route 6-26
Storing location 6-26
Storing route 6-27
Storing areas to avoid 6-27
Editing stored information 6-27
Deleting stored item 6-31
Navigation settings 6-34
General information for navigation system 6-35
Current vehicle location 6-35
Route calculation 6-38
Route guidance 6-39
About SUNA traffic channel (for Australia) 6-40
How to update map data 6-41

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, touch [△] on the Launch Bar.

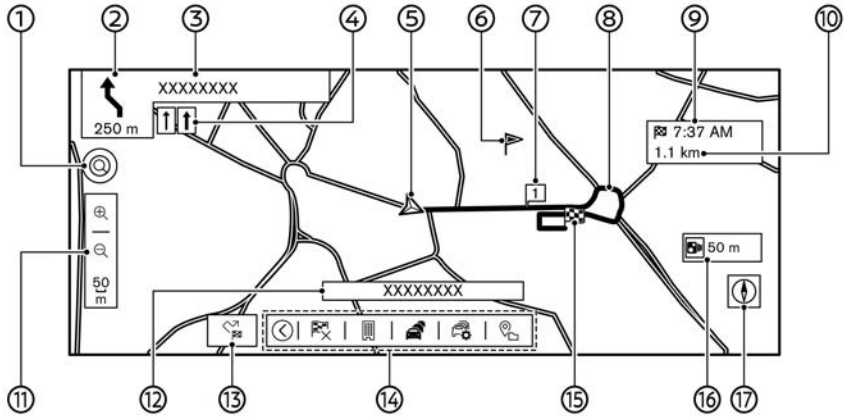
MAP OPERATION

MAP TYPES

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

2D map (except for the Middle East)

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



Example

Screen information:

① [Q] Search POI or Address:

Touch to search for a destination by entering the address or POI names.

Models with NissanConnect Services:

The icon changes to [G] when Online Search is available. To use Online Search, you must be connected to a Wi-Fi network (if equipped) or TCU (Telematics Control Unit) (if equipped) must be activated.

"Displaying destination setting menu" (page 6-12)

② [ ] Arrow and distance:

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

If the current vehicle position is off the road, an arrow indicating the direction to the nearest road may be displayed instead of displaying the next turn arrow/distance.

Touch and hold to repeat the route guidance.

③ Next street name:

Displays the next street name during the route guidance.

④ Recommended lane indicator:

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

⑤ Vehicle icon:

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

⑥ Stored location:

Displays the locations that are stored in the address book.

"Storing location" (page 6-26)

The icons can be changed according to your preferences.

⑦ 1 Waypoint:

Displays the location of the waypoint that the vehicle will stop by before heading to the final destination.

⑧ Suggested route:

Appears in bold blue during route guidance.

⑨ Remaining time/Time of arrival:

Indicates the remaining time/esti-

mated arrival time to the destination/waypoint. This indicator will appear when a destination is set and the route guidance is started.

Touch to switch the indicator between the distance to the destination and the distance to the waypoint.

The remaining time or arrival time display can be selected according to your preference.
☞ "Map settings" (page 6-10)

⑩ Remaining distance to the destination:

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

⑪ Scale indicator:

Indicates the scale of the map.

Touching [⊕] or [⊖] can change the map scale.

Touch the scale indicator to show and hide [⊕] and [⊖].

⑫ Street name:

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

⑬ [ ] Route options or [ ] Destination menu:

Displays the route options or destination menu screen.
☞ "Route options" (page 6-17)
☞ "Displaying destination setting menu" (page 6-12)

⑭ Lower Menu Bar:

Navigation system related shortcuts are displayed.

Touch [<] or [>] to show or hide the Lower Menu Bar items.
☞ "Using Lower Menu Bar " (page 6-8)

⑮ Destination:

Indicates the location of the final destination.

⑯ Safety camera warning indicator (if equipped):

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

The safety camera warning indicator setting can be changed.
☞ "Navigation settings" (page 6-34)

⑰ [ ] Compass:

Indicates the directional setting of the map.

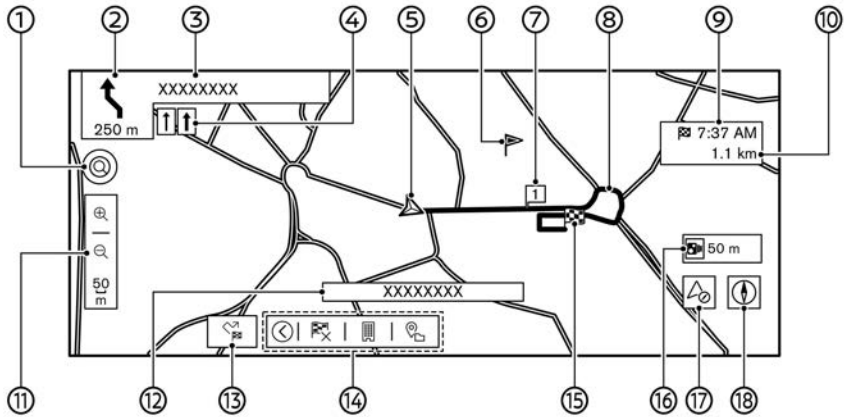
Touch to change the map view and the map orientation.

INFO:

Models with NissanConnect Services:
When the gas station icon is displayed on the map, the fuel price is displayed by the icon when available.

The fuel price display can be turned on/off from [Point Of Interest Icons] setting.
☞ "Map settings" (page 6-10)

2D map (for the Middle East)



Example

① [Search] Search POI or Address:

Touch to search for a destination by entering the address or POI names.
"Displaying destination setting menu" (page 6-12)

② [Arrow] Arrow and distance:

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

If the current vehicle position is off the road, an arrow indicating the direction to the nearest road may be displayed instead of displaying the next turn arrow/distance.

Touch and hold to repeat the route guidance.

③ Next street name:

Displays the next street name during the route guidance.

④ Recommended lane indicator:

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

⑤ Vehicle icon:

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

⑥ Stored location:

Displays the locations that are stored in the address book.
"Storing location" (page 6-26)

The icons can be changed according to your preferences.

⑦ [1] Waypoint:

Displays the location of the waypoint that the vehicle will stop by before heading to the final destination.

⑧ Suggested route:

Appears in bold blue during route guidance.

⑨ Remaining time/Time of arrival:

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

Touch to switch the indicator between the distance to the destination and the distance to the waypoint.

The remaining time or arrival time display can be selected according to your preference.
"Map settings" (page 6-10)

⑩ Remaining distance to the destination:

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

guidance is started.

⑪ Scale indicator:

Indicates the scale of the map.

Touching [⊕] or [⊖] can change the map scale.

Touch the scale indicator to show and hide [⊕] and [⊖].

⑫ Street name:

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

⑬ [ ] Route options or [ ] Destination menu:

Displays the route options or destination menu screen.

☞ "Route options" (page 6-17)
☞ "Displaying destination setting menu" (page 6-12)

⑭ Lower Menu Bar:

Navigation system related shortcuts are displayed.

Touch [<] or [>] to show or hide the Lower Menu Bar items.

☞ "Using Lower Menu Bar " (page 6-8)

⑮ Destination:

Indicates the location of the final destination.

⑯ Safety camera warning indicator (if equipped):

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

The safety camera warning indicator setting can be changed.

☞ "Navigation settings" (page 6-34)

⑰ [ ]:

Touch to display the compass mode display.

☞ "Compass mode display (for the Middle East)" (page 6-7)

⑱ [ ] Compass:

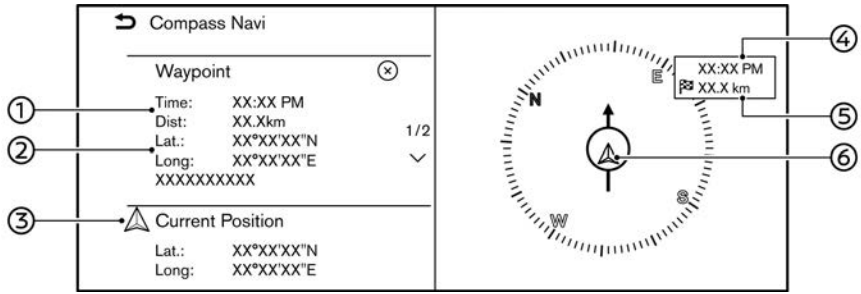
Indicates the directional setting of the map.

Touch to change the map view and the map orientation.

Compass mode display (for the Middle East)

The compass mode can be useful in areas such as deserts where there are no roads or where the area information is not included in the map data. This mode helps the driver to get to the destination by showing the current vehicle location at the center of the map.

Touch [] on the map screen to switch to the compass mode screen.



① Estimated time of arrival and distance to waypoint/destination

② Latitude/longitude of waypoint/destination

③ Latitude/longitude of current location

④ Estimated time of arrival at the destination

⑤ Direction and straight distance to the destination

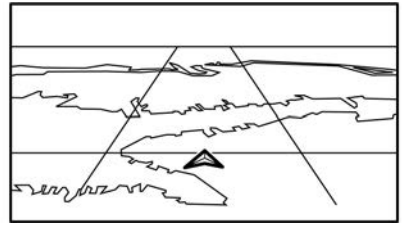
⑥ Current vehicle location and the direction to waypoint/destination

INFO:

- If no destination has been set, only the latitude and longitude of the current location are displayed.
- When the compass mode is active, route guidance will not be provided.
- Touch [] to delete the information of waypoint/destination. Once deleted, the deleted information cannot be displayed again.

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.

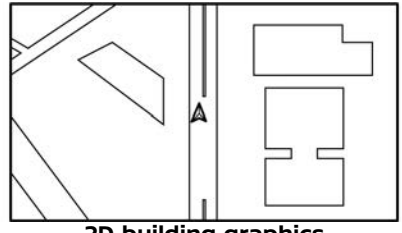


INFO:

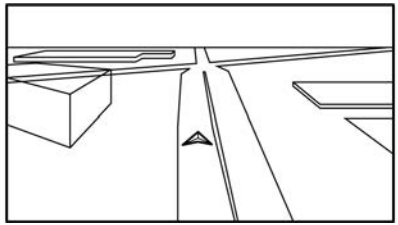
The 3D map always appears with the current forward direction facing up.

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.

Using Lower Menu Bar

Various navigation system related functions can be accessed from the Lower Menu Bar.

The items displayed on the Lower Menu Bar can be customized with the following procedures.

1. Touch [△] on the Launch Bar.
2. Touch [⚙].
3. Touch [Map Settings] and then touch [Customise Lower Menu Bar]/[Customize Lower Menu Bar]. Lower Menu Bar customization screen will be displayed.
4. Customize the Lower Menu Bar.
   - Touch [X] to delete the item.
   - Touch and hold the Lower Menu Bar item and then drag to change the order.
   - Touch [Add] or [+] to add an item.

INFO:

If a maximum number of items are already selected, a new item can not be added until one of the selected items is deleted.

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

Available Lower Menu Bar items

Item	Action
[⌂]* (Go home)	Sets the home location as a destination when the home location is stored. When the home location is not stored, a home location can be stored. ☞ "Storing home or work location" (page 6-26)
[⚑]* (Cancel)	Deletes one or all destinations. When all destinations are deleted, the navigation route will be canceled.
[▦] (Work Location)	Sets the work location as a destination when the work location is stored. When the work location is not stored, a work location can be stored. ☞ "Storing home or work location" (page 6-26)
[🚗] (Traffic Info)	Displays the traffic event list. ☞ "Viewing traffic events from list" (page 6-24)
[🚗] (Traffic Info Settings)	Displays the traffic information settings screen. ☞ "Traffic information settings" (page 6-25)
[📍] (Map Icons)	Selects the categories of POI icons to display on the map screen.
[📍] (Save Location)	The current location or the location where the cross pointer is placed on the map is stored in the address book. ☞ "Storing location by moving map" (page 6-27)
[🎧] (Call Nissan Assistance)	Touch to use to the NissanConnect Services Interactive Voice Menu.
from POI Category	A destination can be searched from the selected Point of Interest category.

*: Cannot be removed from the Lower Menu Bar.

ROAD COLOR

The road types are differentiated by color.

Except for Mexico:

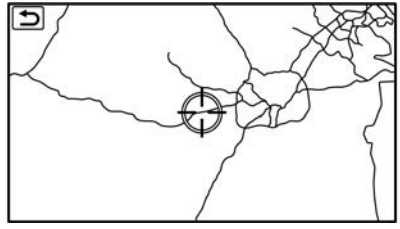
Color	Road type
Yellow and red outline	Motorway
Red or orange	Main road
Yellow or white	Narrow street

For Mexico:

Color	Road type
Dark red	Freeway
Light brown	Major road
Light green	Secondary road
White	Local road

MOVING MAP

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



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 touch [△] on the Launch Bar to display the current location map screen.

CHANGING SCALE OF MAP

To change the map scale, touch [⊕] or [⊖].

INFO:

- The map scale can also be changed by pinch-in or pinch-out operation.
- Depending on the map scale, traffic information icons (if equipped) cannot be displayed on the map screen.
  ☞ "Traffic information on map" (page 6-25)

TRAFFIC INFORMATION ON MAP (if equipped)

Traffic information can be displayed on the map.

☞ "Traffic information on map" (page 6-25)

MAP MENU SCREEN

Touching [] or [] on the scrolled map screen can display the corresponding menu screen which allows quick access to the functions such as setting a destination or searching for points of interest nearby.

INFO:

Models with NissanConnect Services:

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

MAP SETTINGS

The setup for the map view is performed from the map settings screen.

1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Map Settings].

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

Menu item		**Action**
[Map Orientation]		The map orientation can be selected from [3D Map], [Heading Up] or [North Up].
[Centre Vehicle on Map]/[Center Vehicle on Map]		The vehicle icon is located in the center of the screen which shows the surroundings of the vehicle. This function is available only when the map view is in [Heading Up] mode.
[Point Of Interest Icons]		Select the categories of POI icons to display on the map screen.
[Traffic Info Settings]		Displays the traffic information settings screen. ☞ "Traffic information settings" (page 6-25)
[Split Screen]		Turns the split screen mode on/off.
[Left Side's Split Map Options]*		When [Split screen] is turned on, driver's side map screen settings ([Map Orientation] and [Centre Vehicle on Map]/[Center Vehicle on Map]) can be changed. *: [Right Side Split Map Options]/[Right Side's Split Map Options] is displayed for Right-Hand Drive (RHD) models.
[Split Screen during a Route]		Selects the split screen to be displayed during route guidance from [Full Map], [Turn List] or [Intersection].
[Displayed Route Guidance Options]	[Always Show Turn List on Freeways]	The turn list can be displayed automatically while driving on a motorway.
	[Show all M-way Exits on Route]/[Show all Freeway Exits on Route]	Turns on/off the motorway exit information display.
	[Show Estimated Time of Arrival]	When this item is turned on, the estimated time of arrival is displayed. When turned off, the remaining time to arrival is displayed.

Menu item		Action
	[Estimate Time for Way-point]	When this item is turned on, the estimated time of arrival or remaining time to the waypoint is displayed. When turned off, the estimated time of arrival or remaining time to the destination is displayed.
	[Predictable Destination Information]	Predictable destination settings can be changed.
[Show Audio Info]		Turns the audio information display on the map screen on/off. Touching the audio information display will show the audio screen. ☞ "Audio operations" (page 3-7)
[Show Current Street]		Turns the current street name display on/off.
[Customise Lower Menu Bar]/[Customize Lower Menu Bar]		Displays the Lower Menu Bar customization screen. ☞ "Using Lower Menu Bar " (page 6-8)
[Daytime Map Colour]/[Daytime Map Color]		Sets the map color to [Black] or [White].
[Show Place Names]		Turns the place name display on/off.
[Show Facility Names]		Turns the facility name display on/off.
[Show Road Names]		Turns the road name display on/off.
[Map Text Size]		Sets the font size of the text displayed on the map screen.
[Record & Show Tracking Dots]/[Tracking Dots]		Turns the route tracking dots display on/off.
[Tracking Dots Distance]		Select the interval between tracking dots.
[North Up if Zoomed Out]		When this setting is turned on, the orientation of the map automatically changes to north up when the widest map scale is selected.
[Map Scrolling Information]		Turns on/off the display of the information for the location which the cross pointer is located.
[Adjust Current Location]		The current vehicle location icon on the map screen can be adjusted.

SETTING DESTINATION

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

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.

To display the destination setting menu, touch [△] on the Launch Bar and then touch [🏁]. The destination setting menu is displayed.

If the destination has already been set, touch [🏁] and then touch [New Dest.] to display the destination menu.

The destination can also be set from the Lower Menu Bar.

☞ "Using Lower Menu Bar " (page 6-8)

Available destination setting methods:

Availability of the destination setting methods varies depending on the models, specifications and software versions. Items displayed on the screen may not function depending on various conditions.

Setting item		**Action**
[Destination by Google]*		Models with NissanConnect Services: Sets a place searched by Google via TCU (Telematics Control Unit) (if equipped) or Wi-Fi network (if equipped) as a destination when the online communication is available.
[Search POI or Address]*		Searches for a destination from entered POI names or addresses when the online communication is not available.
[Go Home]*		Searches for a route to the stored home location. ☞ "Storing home or work location" (page 6-26)
[Previous Destinations]*		Searches for the destination from the previous destinations and a previous start point.
[Other Destination]*	[Street Address]	Searches for a destination from entered address.
	[Points of Interest]	Searches for a destination from various categories.
	[Address Book]	Searches for a destination from the vehicle address book.
	[City Centre]/[City Center]	Sets the center of a city as the destination.
	[Intersection]	Sets an intersection as a destination.

Setting item		Action
	[Go to Work]	Searches for a route from the current location to the previously stored work location.
	[Saved Routes]	Sets a route from the saved route data.
	[Phone Number]	Searches for a point of interest by a phone number.
	[By Map]	Sets the location pointed on the map as a destination.
	[Latitude/Longitude]	Sets a destination from entered latitude and longitude.
[Petrol Station]/[Gas Station]		Searched for a gas station.
[Parking]		Searches for a parking lot.
[Restaurant]		Searches for a restaurant.
[Coffee Shop]		Searches for a coffee shop.
[Transport]		Searches for a transportation facility such as airport and railway station.
[Hospital]		Searches for a hospital.
[ATM]		Searches for an ATM.
[Fast Food]		Searches for a fast food store.
[Park & Recreation Area]		Searches for a park and recreation area.
[Nissan Dealer]		Searches for a NISSAN dealer.
[Repair Shop]		Searches for a repair shop.

Destination setting menu can be customized.

The items with the mark "*" are the basic search methods and cannot be edited.

☞ "Customizing destination setting menu" (page 6-15)

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:

- Touching [+] on the destination setting menu can add your preferred search method.
  ☞ "Customizing destination setting menu" (page 6-15)
- After setting a destination, the location of the destination can be adjusted and the location can be stored in the address book, etc.
  ☞ "Options before starting the route guidance" (page 6-15)
- The destinations can be canceled and edited/added.
  ☞ "Route options" (page 6-17)

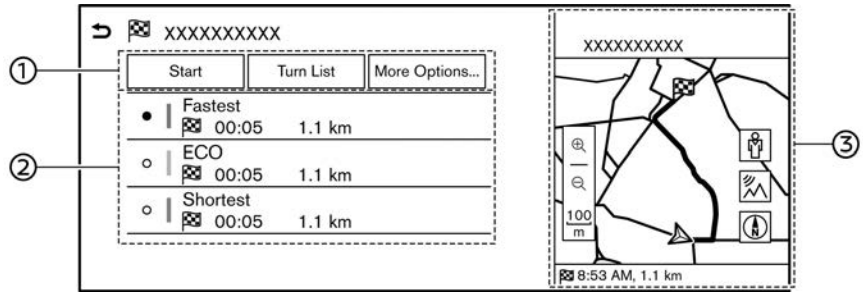
Customizing destination setting menu

The items displayed on the destination setting menu can be customized.

1. Display the destination setting menu.
2. Touch and hold any of the destination setting menu items which can be customized. The customize screen will be displayed.
3. Customize the destination setting menu screen.
   - Touch [Add] to add an item.
   - Touch [X] to delete the item.
   - Touch and hold a destination setting menu item and then drag the item to change the order.

OPTIONS BEFORE STARTING THE ROUTE GUIDANCE (if equipped)

Before starting the route guidance, you can check the route, select another route, check the facility information, etc.



Example

① Operation menu:

Menu item		**Action**
[Start]		Starts route guidance to the destination with a route selected from the list of suggested routes.
[Turn List]		Displays a detailed turn list. The map can be displayed and the turn can be avoided by touching a turning point.
[More Options...]	[Add to Route]	Adds a location to the route.
	[Move Location]	Adjusts the location of the destination.
	[Place Info]	Displays detailed information of the destination.
	[Save Route]	Stores the route for later use. A route requires at least one waypoint in order to be stored.
	[Save Location]	Saves the location in the address book.
	[Customise More Routes]/[Customize More Routes]	Sets the search condition for route condition. ☞ "Routing preferences" (page 6-20)

② Suggested routes:
The suggested route can be selected from [Fastest], [ECO]/[Eco] or [Shortest].
When [1 Type]/[1 type] is selected from [Customise More Routes]/[Customize More Routes], only one type of the route is displayed according to the condition set in [Basic Route Type].
☞ "Routing preferences" (page 6-20)

③ Entire route:
Displays the entire route.

ROUTE GUIDANCE

ABOUT ROUTE GUIDANCE

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

WARNING:

- **The navigation system's visual and voice guidance is for reference purposes only. The contents of the guidance may be inappropriate depending on the situation.**
- **Follow all traffic regulations when driving along the suggested route (e.g., one-way traffic).**
☞ "Route guidance" (page 6-39)

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.

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.
- When approaching a guide point (intersection or corner) or destination/waypoint during route guidance, voice guidance announces the remaining distance and/or turning direction. Touch and hold [] on the map screen to repeat voice guidance.
  "2D map (except for the Middle East)" (page 6-3)
  "2D map (for the Middle East)" (page 6-5)

ROUTE OPTIONS

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.

Touch [] on the Launch Bar when a destination is set, and then touch [].

The route options screen is displayed.

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

Menu item		**Result**
[New Dest.]		Searches for a new destination.
[Cancel Route]		Deletes one or all destinations. When all destinations are deleted, the route will be canceled.
[Turn List]		Displays a detailed turn list. The map can be displayed and the turn can be avoided by touching a turning point.
[Route Preference]		Sets the route search conditions. ☞ "Routing preferences" (page 6-20)
[Recalculate]		Manually recalculates the route after changing the search conditions, etc. When a waypoint has been set on the route, the system will search for only one route, even if route recalculation is performed.
[Show Destination]	[Move Location]	Displays a map screen and allows the location of the destination to be adjusted.
	[Nearby POIs]	Searches for points of interest near the destination, such as restaurants and gas stations, etc. The location can be set as a destination or a waypoint.
	[Save Location]	Saves 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. ☞ "Editing route" (page 6-22)
[Detour]		A detour of a specified distance can be calculated.
[Guidance Settings]		Various guidance settings can be customized. ☞ "Voice guidance settings" (page 6-23)
[Save Route]		The current route (a destination and waypoints) 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 (if equipped) or other conditions.

Menu item	Result
[Map Scroll]	Displays the current map screen which can be scrolled to confirm the location of the destination, waypoints, route, etc.
[Simulation]	Simulates the route guidance. This function provides a detailed image of the route with voice guidance. The following operations are available: [⏸]: Pauses the simulation. [▶]: Resumes the simulation. [▶▶]: Increases the play speed. [◀◀]: Decrease the play speed. [■]: Ends the simulation. Touching [Exit Simulation] can also end the simulation.

ROUTING PREFERENCES

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

1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Routing Preferences].
3. Touch the item you would like to set.

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

Setting Item		**Action**
[Basic Route Type]	[Fastest Route]	Prioritizes the use of fastest route.
	[Energy-Saving]	Prioritizes a route which uses less energy.
	[Shortest Distance]	Prioritizes the shortest route. The route may not be the shortest because the system prioritizes roads that are easy to drive on for safety reasons.
[Customise More Routes]/ [Customize More Routes]	[3 Types]/[3 types]	Calculates suggested routes with 3 types ([Fastest], [ECO]/[Eco] and [Shortest]).
	[1 Type]/[1 type]	Calculates routes with a route search condition selected on the [Basic Route Type] setting screen.
[Minimise Toll Roads]/[Minimize Toll Roads]		Minimizes the use of toll roads.
[Minimise Motorways]/[Minimize Freeway]		Minimizes the use of motorways.
[Use HOV Lanes]		Includes the use of HOV lanes.
[Use Unpaved Roads]		Includes the use of unpaved roads.
[Use Ferries]		Includes the use of ferries.
[Use Car-Carrying Trains]		Includes the use of car-carrying trains.
[Use Learned Routes]		Uses the roads that are most frequently traveled with the help of self-learning technology.
[Use Time Restricted Roads]/[Time Restricted Rd]		Selects from [Avoid], [Use Restriction Info] or [Do Not Use Restriction Info] for calculating the route which includes time restricted road.

Setting Item	Action
[Seasonal Restricted Roads]	Selects from [Avoid], [Use Restriction Info] or [Do Not Use Restriction Info] for calculating the route which includes seasonal restricted road.
[Use Traffic Information]	Selects from [Auto], [Always Ask] or [OFF] to calculate route with/without taking traffic information into consideration.
[Use Avoid Area Settings]	When enabled, the system avoids the previously defined avoid areas.

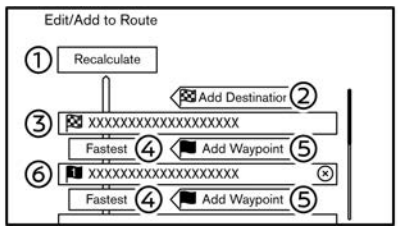
INFO:

- If the vehicle greatly deviates from the suggested route, the system calculates a new route.
- Traffic jam information (if equipped) displayed on the map screen is not statistical traffic information.
- If [Do Not Use Restriction Info] is selected for [Use Time Restricted Roads]/[Time Restricted Rd] setting, the system calculates a route without any consideration of the regulations concerning the time or day of the week. Therefore, the suggested route may include a road subject to traffic regulations concerning the time or day of the week. When driving along the route, always follow all traffic regulations regardless of whether [Use Time Restricted Roads]/[Time Restricted Rd] is set to be considered or not.
- 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.

EDITING ROUTE

The route can be edited after starting the route guidance.

1. Touch [△] on the Launch Bar when a destination is set, and then touch [].
2. Touch [Edit/Add to Route].
3. Edit the settings and touch [Recalculate].



Example

① [Recalculate]:

After editing the route, touch to recalculate a route with new conditions.

② [Add Destination]:

Touch to add a new destination.

The current destination changes to a waypoint.

③ Current destination:

Touch to edit or delete the destination.

④ Criteria for calculating a route to the destination/waypoint:

Touch to change the conditions for route calculation.

⑤ [Add Waypoint]:

Touch to add a waypoint.

⑥ Current waypoint:

Touch to edit or delete the waypoint.

INFO:

Touching [ⓧ] can delete the waypoint.

VOICE GUIDANCE SETTINGS

The voice guidance provided by the system can be customized.

1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Voice Guidance].
3. Touch an item you would like to set.

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

Setting item	**Action**
[Voice Guidance]	Activates or deactivates voice guidance.
[Volume]	Adjusts the volume of 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.
[Toll Booth Guidance]	Activates or deactivates the function to notify that the vehicle is approaching a toll booth.

INFO:

- Even when [Traffic Announcement] is set to off on the voice guidance settings, the route guidance will not be affected. Also, the announcement of emergency information will not be turned off.
- Even when [Traffic Announcement] is turned on, the traffic information is not announced in the area where traffic information is not broadcast.
- The guidance volume can also be adjusted by turning **< ⏻ /VOL>** or pushing **< 🔊 >** on the steering wheel while voice guidance is being announced.

VIEWING TRAFFIC INFORMATION (if equipped)

Two types of traffic information are available on this system, RDS-TMC (Radio Data System - Traffic Message Channel) (if equipped) and Premium Traffic information (if equipped).

To activate RDS-TMC (if equipped), set [Use Premium Traffic] off.

To activate Premium Traffic information (if equipped), set [Use Premium Traffic] on.

☞ "Traffic information settings" (page 6-25)

RDS-TMC FEATURE (if equipped)

The navigation system receives traffic information from the best available sources and enables the RDS-TMC to broadcast this information for the best possible guidance. The RDS-TMC broadcast is fed by a dedicated FM tuner so that you can still listen to the radio while Traffic Information is being broadcast. Traffic information can be displayed only in areas where RDS-TMC is broadcast. Traffic information is not available in some areas.

PREMIUM TRAFFIC INFORMATION (if equipped)

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 RDS-TMC Information (if equipped).

Premium Traffic information is available by turning [Use Premium Traffic] on and connecting to a Wi-Fi network (if equipped) or using the TCU (Telematics Control Unit) (if equipped).

☞ "Traffic information settings" (page 6-25)

VIEWING AVAILABLE TRAFFIC INFORMATION

Viewing traffic events from list

1. Touch [⬚] on the Launch Bar to display the applications screen.
2. Touch [Traffic Information] or [Premium Traffic]. A list of available types of information is displayed.
3. Touch [Show Traffic on the Route]/ [Show the Traffic on the Route] or [Nearby Traffic Info].
4. Touch an event from the list to check the detailed information and the map. Touch [Avoid] to search for an alternate route.

Displaying urgent traffic information

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

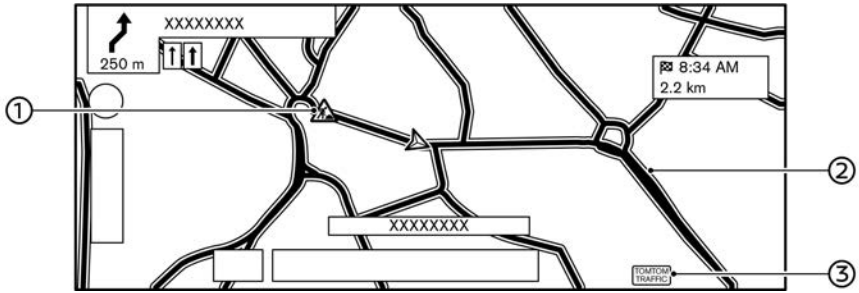
The message includes the icon, event type, event information and the direct distance from the current location to the event.

INFO:

- When there are multiple urgent events, the event with the shortest direct distance from the current location is displayed.
- If the urgent event is on the recommended route, and if a detour is found, the detour route notification screen is displayed when the vehicle approaches the detour point.

Traffic information on map

Traffic information is displayed on both 2D and 3D map screens.



Example

① 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.

Except for Mexico:

	Stationary traffic
	Slow traffic
	Free flowing traffic
	Stretch is closed
	Accident
	Roadworks
	Narrow lanes
	All other events

For Mexico:

	Traffic jam
	Slow traffic
	Traffic flowing freely
	Road closed
	Accident
	Road work
	Narrow lanes
	All other events

② 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 (if equipped) only)

③ Traffic indicator:

Displayed when there is available traffic information received.

INFO:

Depending on the map scale, the traffic icon may not be displayed.

TRAFFIC INFORMATION SETTINGS

Settings for traffic information related functions can be changed.

1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Map Settings].
3. Touch [Traffic Info Settings].
4. Touch the preferred setting.

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

Available setting items

- [Use Premium Traffic]:
  Turns Premium Traffic information (if equipped) on/off.
- [Filter Traffic Icons]:
  Selects which types of traffic incidents (e.g., accident) will be displayed on the map screen.

STORING LOCATION

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 [△] on the Launch Bar.
2. Touch [⚙] and then touch [Edit User Info].
3. Touch [Add Home Location] or [Add Work Location].
4. Touch an appropriate method to set a location. Refer to the search methods used for destination setting.
   ☞ "Setting destination" (page 6-12)
5. Touch [OK].
6. A message is displayed, and the address of the location is stored in the address book.
7. Adjust and edit the contents of the stored item as necessary. Touch [OK] to confirm.
   ☞ "Editing user information" (page 6-28)

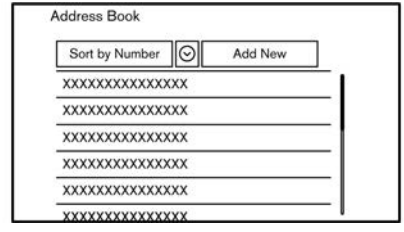
INFO:

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.

The location stored in the address book can be used to search for a destination.



1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Edit User Info].
3. Touch [Address Book].
4. Touch [Add New].
5. Touch an appropriate method to set a location. Refer to the search methods used for destination setting.
   ☞ "Setting destination" (page 6-12)
6. Touch [OK].
7. A message is displayed, and the address of the location is stored in the address book.

8. Adjust and edit the contents of the stored item as necessary. Touch [OK] to confirm.
☞ "Editing user information" (page 6-28)

INFO:

If a maximum number of locations are already stored, a new location cannot be stored until a stored location is deleted.

Storing location by moving map

If you add [📍] (Save Location) to the Lower Menu Bar in advance, you can register the current location or the location where the cross pointer is placed on the map in the address book.
☞ "Using Lower Menu Bar " (page 6-8)

1. Move to the preferred location on the map and touch [📍] on the Lower Menu Bar. A message is displayed.
2. The icon representing the stored location is displayed on the map. Touch [△] on the Launch Bar to return to the current location map screen.

STORING ROUTE

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. Touch [△] on the Launch Bar, and then touch [🚗].
2. Touch [Save Route]. A confirmation message is displayed. If asked, touch [Yes] to store the current route.

INFO:

- A stored route includes only locations (destination and waypoints) and route calculation conditions, not the route itself.
- If a maximum number of routes are already stored, a new route cannot be stored until a route is deleted.
☞ "Deleting stored item" (page 6-31)

STORING AREAS TO AVOID

Areas to avoid which should be excluded from a route, such as a road that is always congested, can be stored. Once avoid areas are stored, the system avoids those areas when calculating a route.

1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Edit User Info].
3. Touch [Areas to Avoid].
4. Touch [Add New].
   Touch an appropriate method to search for a location.
☞ "Setting destination" (page 6-12)
5. Touch [OK].
6. Adjust the information of the area as necessary.
☞ "Editing areas to avoid" (page 6-31)
7. Touch [OK] to store the avoid area information.

INFO:

If a maximum number of areas to avoid are already stored, a new area cannot be stored until a stored area is deleted.
☞ "Deleting stored item" (page 6-31)

EDITING STORED INFORMATION

Items stored in the system can be edited.

Editing user information

You can edit user information such as stored location, etc.

1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Edit User Info].

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

Setting item			**Action**
[Sync with Door-to-Door Navi]/[Sync with Door to Door Navigation]/[Sync with Smartphone Navi.]			Turns Door-to-Door Navigation on/off.
[Home Location]	[Edit]	[Show Icon on Map]	Displays the home icon on the map.
		[Icon]	Selects a home icon of a preferred design.
		[Sound]	Selects the type of the alarm that sounds when the vehicle approaches home.
		[Direction]	Sets the direction for sounding the alarm when approaching the home location.
		[Distance]	Sets the alarm to sound when reaching a specific distance to home.
		[Phone Number]/[Phone No.]	Stores the phone number of the home.
	[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 location icon on the map.
		[Icon]	Selects a work icon of a preferred design.
		[Sound]	Selects the type of the alarm that sounds when the vehicle approaches work location.

Setting item				Action
		[Direction]		Sets the direction for sounding the alarm when approaching the work location.
		[Distance]		Sets the alarm to sound when reaching a specific distance to work.
		[Phone Number]/[Phone No.]		Stores the phone number of the work location.
	[Move Location]			Adjusts the stored work location.
	[Delete]			Deletes the stored work location.
	[OK]			Confirms and saves the edited work information.
[Address Book]	[Sort by Number]			Touch [⌄] to select a sorting condition.
	[Sort by Name]			
	[Sort by Icon]			
	[Sort by Group]			
	[Add New]			Adds a new location. ☞ "Storing location by searching" (page 6-26)
	Stored 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 (if equipped).
			[Icon]	Selects an icon for the entry.
			[Sound]	Selects the type of the alarm that sounds when the vehicle approaches the location.
			[Direction]	Sets the direction for sounding the alarm when approaching the stored location.

Setting item				Action
			[Distance]	Sets the alarm to sound when reaching a specific distance to the location.
			[Phone Number]/ [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.
[Saved Routes]				Edits the stored routes. ☞ "Editing saved route" (page 6-31)
[Areas to Avoid]				Edits the areas to avoid. ☞ "Editing areas to avoid" (page 6-31)
[Delete User Info]				Deletes the user information. ☞ "Deleting stored item" (page 6-31)

INFO:

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 saved route

1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Edit User Info].
3. Touch [Saved Routes].
4. Touch the preferred saved route from the list. The saved route editing screen will be displayed.

INFO:

Touch [Save Current Route] to save the currently set route.

5. Edit the following settings.

Setting item	Action
[Rename]	Changes the saved route name.
[Replace]	Overwrites the saved route with the current route.
[Delete]	Deletes the saved route.
[List Waypoints/Destination]	Displays the currently set destination and waypoints.

Editing areas to avoid

1. Touch [△] on the Launch Bar.
2. Touch [⚙] and then touch [Edit User Info].
3. Touch [Areas to Avoid].
4. Touch a preferred area from the list. Areas to avoid settings screen will be displayed.

INFO:

Touch [Add New] to store the new area.

5. Edit the following settings.

Setting item	Action
[Rename]	Changes the name of the area.
[Move Location]	Adjusts the area location.
[Resize Area]	Adjusts the size of the avoid area.
[Motorway]/[Freeway]	Sets to include or not include motorways in the area to avoid. The color of the area changes depending on the setting. Motorway ON: Green Motorway OFF: Blue
[Delete]	Deletes the area.
[OK]	Applies the edited setting.

DELETING STORED ITEM

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 [△] on the Launch Bar.
2. Touch [⚙] and then touch [Edit User Info].
3. Touch [Delete User Info]. Select the preferred item and touch [Yes] to confirm deletion.

Step 1	**Step 2**	**Action**
[Delete Home Location]		Deletes home location.
[Delete Work Location]		Deletes work location.
[Delete Address Book]	[Delete]	Deletes the selected stored location(s).
	[Select All]	Selects all or clears all stored locations.
	[Clear All]	
	[Sort]	Sorts the stored locations.
[Delete Saved Routes]	[Delete]	Deletes the selected stored route(s).
	[Select All]	Selects all or clears all saved routes.
	[Clear All]	
[Delete Areas to Avoid]	[Delete]	Deletes the selected stored area(s) to avoid.
	[Select All]	Selects all or clears all areas to avoid.
	[Clear All]	
[Delete Previous Destinations]	[Delete]	Deletes the selected stored previous destination(s).
	[Select All]	Selects all or clears all previous destinations.
	[Clear All]	
[Delete Learned Routes]		Deletes the learned routes.
[Delete Tracking]		Deletes the route tracking dots.

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 [] or [].
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 [△] on the Launch Bar and then touch [⚙].
2. 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.
  ☞ "Map settings" (page 6-10)
- **[Routing Preferences]**

  Changes the routing preferences.
  ☞ "Routing preferences" (page 6-20)
- **[Voice Guidance]**

  Sets the various functions for voice guidance.
  ☞ "Voice guidance settings" (page 6-23)
- **[Edit user info]**

  Edits the user information.
  ☞ "Editing stored information" (page 6-27)
- **[Safety Guide Settings]**

Setting item	Action
[Safety Camera Icon on Map]	When this item is turned on, 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 map screen when the vehicle is approaching the safety cameras.

- **[Reset All Navigation Settings to Default]**

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

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 Global Navigation Satellite System (GNSS) to calculate the current location of the vehicle. This position is then displayed throughout route guidance to a destination.

What is Global Navigation Satellite System (GNSS)?

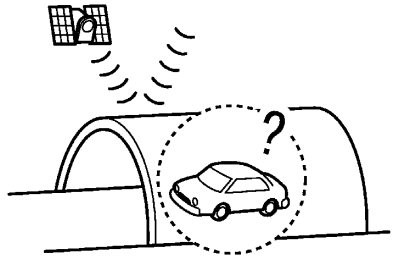
GNSS is a general term for positioning systems that use signals from satellites. This navigation system receives radio signals from three or more different satellites, and detect the position of the vehicle by utilizing the principle of triangulation.

Positioning adjustment:

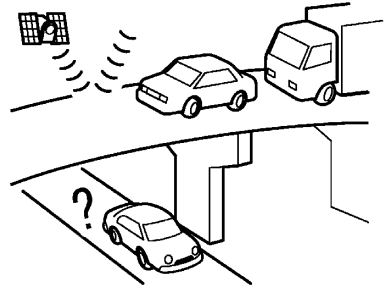
When the system judges that the vehicle position is not accurate based on vehicle speed and gyro sensor data calculations, the system will automatically adjust the position of the vehicle icon using GNSS signals.

Receiving signals from GNSS satellites:

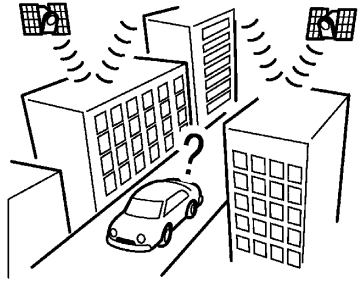
The reception of GNSS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GNSS signals.



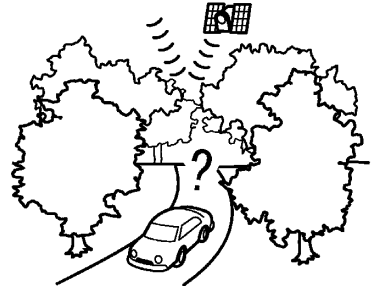
- Inside tunnels or parking garages



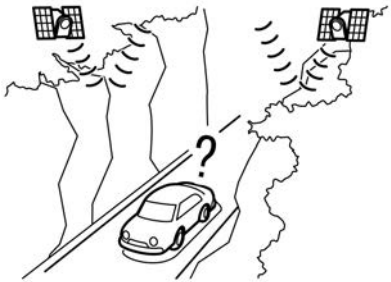
- Under multi-layered highways



- In areas with numerous tall buildings



- Areas with numerous tall trees



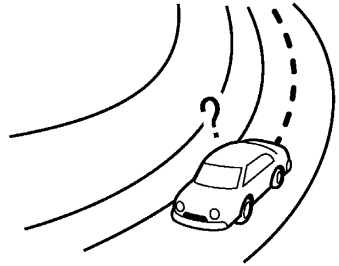
- In canyons

INFO:

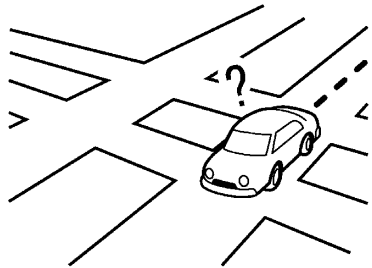
Placing objects, especially cellular phones or transceivers, near the GNSS antenna may affect the correct vehicle positioning. If the GNSS antenna is located behind the instrument panel, placing such objects on the instrument panel is not recommended. Because the strength of the GNSS signal is weak,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

Incorrect display of vehicle position

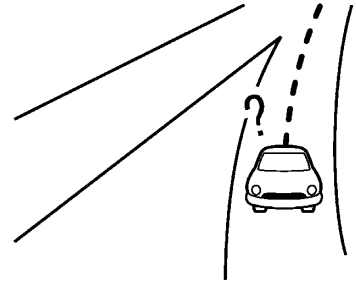
The following cases may affect the display accuracy of the vehicle's position or traveling direction. The accuracy will return to normal if the driving conditions return to normal.



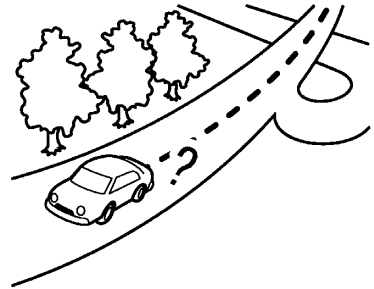
- When there is a similar road nearby.



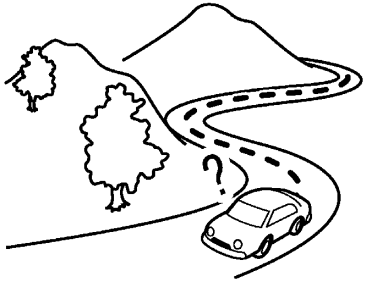
- When the vehicle is traveling in an area with a grid pattern road system.



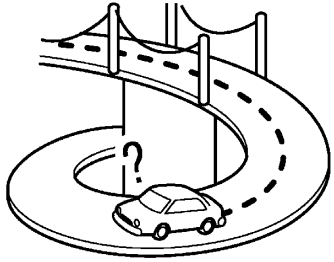
- When the vehicle is passing through a large Y-shaped intersection/junction.



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



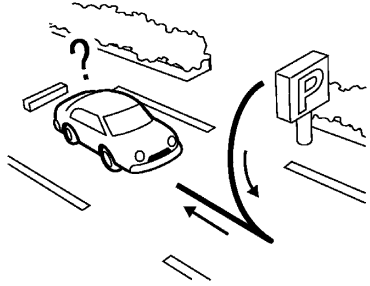
- When the vehicle is traveling on a road with repeating S-shaped curves.



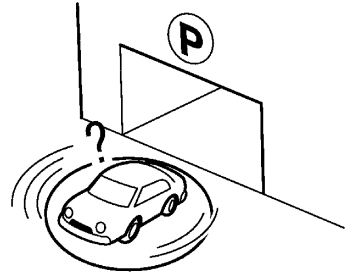
- When the vehicle is on a loop bridge.



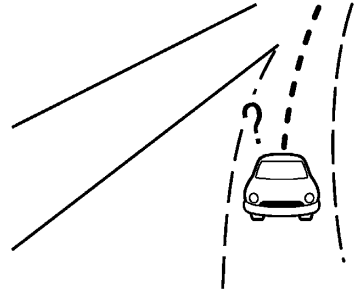
- When the vehicle is on a snow-covered or unpaved road.



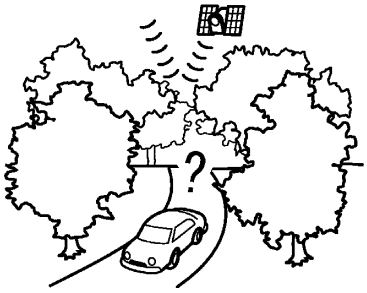
- When repeatedly turning left or right, or driving in zigzags.



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



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



- When the GNSS positioning accuracy is low.

INFO:

- The vehicle icon may be misaligned when starting the vehicle just after starting the engine or e-POWER system.
- 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 GNSS 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.
- Map coverage may vary from region to region and may also be inaccurate or incomplete as road conditions, including traffic restrictions, are beyond the control of the map manufacturer and can change frequently. The map manufacturer is responsible for the breadth of coverage.

ROUTE CALCULATION

- 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.
- Button operations may be disabled during route calculation.
- 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 2.5 km (1.5 miles) 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 2.5 km (1.5 miles) 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.

ROUTE GUIDANCE

INFO:

For some regions or countries, the system will announce street names when the system language is set to English.

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. Touch and hold [] on the map screen. Voice guidance will be repeated.

"Map types" (page 6-3)

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.
  ☞ "Route options" (page 6-17)
- Voice guidance may not accurately correspond with road numbers and directions at motorway junctions.
- The displayed street names may sometimes differ from the actual names.
- Voice guidance is not available when [Voice Guidance] is turned off.
  ☞ "Voice guidance settings" (page 6-23)
- 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, the voice guidance will announce and inform the driver that the vehicle has reached a waypoint. 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.
- Voice guidance may be partially operational or inoperative due to the angle of roads at an intersection.
- Motorway 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.

ABOUT SUNA TRAFFIC CHANNEL (for Australia)

Short Form Term

SUNA Traffic Channel

By activating, using and/or accessing the SUNA Traffic Channel, SUNA Predictive or other content or material provided by Intelematics (together, SUNA Products and/or Services), you must accept certain terms and conditions. The following is a brief summary of the terms and conditions that apply to you. To view the full terms and conditions relevant to your use of the SUNA Products and/or Services, please consult www.sunatraffic.com.au/termsandconditions/ (Website).

1. Acceptance

By using SUNA Products and/or Services, you will be deemed to have accepted and agreed to be bound by the terms and conditions fully detailed at the Website. Intelematics reserves the right to vary the terms and conditions in whole or in part from time to time and amendments will be effective immediately upon posting of the amended terms and conditions on the Website. Your continued use of the SUNA Products and/or Services will represent your agreement to be bound by the terms and conditions as varied.

2. Intellectual Property

SUNA Products and/or Services are for your personal use. You may not record, or retransmit the content, nor use the content in association with any other traffic information or route guidance service or device not approved by Intelematics. You obtain no right of ownership in any Intellectual Property Rights (including copyright) in the data that is used to provide SUNA Products and/or Services.

3. Appropriate Use

SUNA Products and/or Services are intended as an aid to personal motoring, and do not provide comprehensive or accurate information on all occasions. On occasions, you may experience additional delay as a result of using SUNA Products and/or Services. You acknowledge that it is not intended, or suitable, for use in applications where time of arrival or driving directions may impact the safety of the public or yourself.

4. Use of SUNA Products and Services while driving

You, and other authorised drivers of the vehicle in which SUNA Products and/or Services are installed and active, remain at all times responsible for observing all relevant laws and codes of safe driving. In particular, you agree to only actively operate SUNA Products and/or Services when the Vehicle is at a complete stop and it is safe to do so.

5. Service Continuity and Reception of the SUNA Traffic Channel

We will use reasonable endeavours to provide the SUNA Traffic Channel 24 hours a day, 365 days a year. The SUNA Traffic Channel may occasionally be unavailable for technical reasons or for planned maintenance. We will try to perform maintenance at times when congestion is light. We reserve the right to withdraw SUNA Products and/or Services at any time.

Also, we cannot assure the uninterrupted reception of the SUNA Traffic Channel RDS-TMC signal at any particular location.

6. Limitation of Liability

If you access and/or use SUNA Products and/or Services in Australia and except for any representations, guarantees and warranties that are implied by law into this agreement, or which are otherwise granted to you by law (including any consumer guarantees provided under schedule 2 of the Australian Competition and Consumer Act (2010) (Australian Consumer Law)), which cannot lawfully be excluded or modified, the SUNA Traffic Channel is provided to you "as is" with all faults, and neither Intelematics nor its suppliers or the manufacturer of your device (collectively, Suppliers) provide any representations, guarantees or warranties in respect of the SUNA Traffic Channel. If you access and/or use SUNA Products and/or Services in New Zealand and where the SUNA Products and/or Services are supplied for personal, domestic, or household use or consumption, the consumer guarantees provided under Parts 1 and 4 of the Consumer Guarantees Act 1993 (New Zealand Consumer Law) will apply. Except for those guarantees which cannot lawfully be excluded or modified, none of Intelematics, the Device Manufacturer or any Data Supplier make or provide any other representations, guarantees or warranties in respect of the SUNA Traffic Channel.

Except for any liability that cannot lawfully be excluded (including any liability under the Australian or New Zealand Consumer Laws) under no circumstances will Intelematics or any of the Suppliers be liable to you for any loss, damages, claims or costs whatsoever (including any consequential, indirect or incidental damages), regardless of how they arise.

For the avoidance of doubt, nothing in this agreement purports to modify or exclude the representations, guarantees and warranties and other legal rights provided to you under the Australian or New Zealand Consumer Laws or any other laws of any jurisdictions.

HOW TO UPDATE MAP DATA

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 equipped) or a TCU (Telematics Control Unit) (if 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 map update process.

Updating with USB memory (if equipped)

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. Touch [⌂] on the Launch Bar.
2. Touch [⚙].
3. Touch [System Update]/[System Updates].
4. **Type A:**

   Touch [Map Update] and then touch [Update via USB Device]/[Update by USB device].

   Type B:

   Touch [Map Update].
5. Touch [Save Map Information to USB Device]/[Save Map Information to USB].
6. Insert blank USB memory device into the USB connection port.

   ☞ "USB (Universal Serial Bus) connection ports" (page 2-4)

INFO:

If data is in the USB memory, it may be deleted.

7. Touch [Start].
8. Touch [OK] after saving the map information to USB.
9. Access to the designated website with your personal computer. Download and install the map update tool in your personal computer. (Consult a NISSAN dealer for details.)
10. Download the updated data and store it in the USB memory with the map update tool.
11. Touch [⌂] on the Launch Bar.
12. Touch [⚙].
13. Touch [System Update]/[System Updates].
14. **Type A:**

    Touch [Map Update] and then touch [Update via USB Device]/[Update by USB device].

    Type B:

    Touch [Map Update].
15. Touch [Install Map Update from USB Device]/[Install Map Update from USB].
16. Insert the USB memory into the USB connection port.

    A confirmation message is displayed. Follow the message and operate the system accordingly.
17. Touch [OK] after completing the update.

INFO:

- The navigation system cannot be operated while the map updates.
- Map data should be updated while the engine or e-POWER system is running to prevent discharge of the vehicle battery (12V battery).

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

The map data can be updated using the Wi-Fi connection. Wi-Fi communications can be made by using a Wi-Fi network, smartphone, etc.

☞ "Setting Wi-Fi" (page 2-14)

1. Connect the vehicle to an available Wi-Fi network.
2. Touch [⌂] on the Launch Bar.
3. Touch [⚙].
4. Touch [System Update]/[System Updates].
5. Touch [Map Update].
6. Touch [Update via Wi-Fi]/[Update by Wi-Fi].

   A confirmation message may be displayed.

7. Select an area to be updated, and touch [Start Updating].

   Touch [Yes] to update the selected area.
8. Touch [OK] after completing the update.

INFO:

- When [Cancel] is displayed during the map data update, touching the key can cancel the update.
- The navigation system cannot be operated while the map updates.
- Do not turn off the power source of the smartphone while updating the map with the smartphone tethering.
- Map data should be updated while the engine or e-POWER system is running to prevent discharge of the vehicle battery (12V battery).
- The download data size of map update for one country or one regional zone can vary between 100 MB to 1 GB. Data size in case of updating multiple countries 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 update is done in the background, and the updates are reflected in the map data the next time the system is started.
- 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 via Wi-Fi]/[Update by Wi-Fi].

Automatic map update (if equipped)

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

1. Touch [⌂] on the Launch Bar.
2. Touch [⚙].
3. Touch [System Update]/[System Updates].
4. Touch [Map Update].
5. Touch [Map Update Settings].
6. Select an area of the map you wish to update by touching [Favorite Region]. The next time you start the system, a notification message will be displayed if map data update is available.
7. 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 the 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 via Wi-Fi]/[Update by Wi-Fi].

8. Touch [OK] after completing the update.

INFO:

The update is done in the background, and the updates are reflected in the map data the next time the system is started.

Automotive products End User License Provisions

This End-User License Agreement ("**EULA**") is an agreement between you and TomTom International B.V. ("**TomTom**"). You agree that this EULA is enforceable. This EULA applies to your use of the TomTom Map data, software, Traffic and Travel services or any other TomTom products (together with the "**Services**").

Please read this EULA carefully. By using the Services you agree to all the terms

and conditions of this EULA.

1. GRANT OF LICENSE: In consideration of you agreeing to abide by the terms of this EULA, TomTom hereby grants to you a non-exclusive, license to use the Services solely in connection with the vehicle. If upgrades, updates or supplements to the Services are provided the use of such upgrades or updates is governed by this EULA.
2. RESTRICTIONS: You are prohibited from renting, lending, public presentation, performance or broadcasting or any other kind of distribution of the Services. Other than as permitted by applicable legislation, you will not, and you will not allow any person to, copy or modify the Services or any part thereof or to reverse engineer, decompile or disassemble the Services.
3. OWNERSHIP: Copyright and other intellectual, industrial and/or proprietary rights to the Services are owned by TomTom and/or its suppliers. TomTom permits you to use the Services only in accordance with the terms of this EULA. All rights not specifically granted in this EULA are reserved by TomTom. To the extent applicable, you acknowledge that you have no right to have access to the Services in source code or in unlocked coding.
4. THIRD PARTY SOFTWARE LICENSES: The Services may make use of third party software. Notwithstanding Clauses 2 and 3, use of some third party materials included in the Software may be subject to other terms and conditions. The official copyright notices and specific license conditions of these third party software codes and algorithms are to be found via http://www.tomtom.com. You hereby agree to the terms and conditions for such third party software.
5. LIMITED WARRANTY:
   - YOU ACKNOWLEDGE THAT THE SERVICES HAVE NOT BEEN DEVELOPED TO MEET YOUR INDIVIDUAL REQUIREMENTS AND THAT IT IS THEREFORE YOUR RESPONSIBILITY TO ENSURE THAT THE FACILITIES AND FUNCTIONS OF THE SERVICES MEET YOUR REQUIREMENTS. TOMTOM DOES NOT AND CANNOT WARRANT THAT THE SERVICES OPERATE UNINTERRUPTED OR ERROR-FREE. YOU SHOULD BE PARTICULARLY AWARE OF THE FACT THAT CALCULATION ERRORS MAY OCCUR WHEN USING SOFTWARE IN A NAVIGATION SYSTEM FOR INSTANCE CAUSED BY LOCAL ENVIRONMENTAL CONDITIONS AND/OR INCOMPLETE DATA.
   - TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, TOMTOM AND ITS SUPPLIERS PROVIDE THE SERVICES "AS IS", AND HEREBY DISCLAIM ALL OTHER WARRANTIES AND CONDITIONS, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY (IF ANY) IMPLIED WARRANTIES, DUTIES OR CONDITIONS OF SATISFACTORY QUALITY, OF FITNESS FOR A PARTICULAR PURPOSE, OF RELIABILITY OR AVAILABILITY, OF ACCURACY OR COMPLETENESS OF RESPONSES, OF RESULTS, WITH REGARD TO THE SERVICES, AND THE PROVISION OF OR FAILURE TO PROVIDE SUPPORT OR OTHER SERVICES, INFORMATION, SOFTWARE, AND RELATED CONTENT THROUGH THE SERVICES OR OTHERWISE ARISING OUT OF THE USE OF THE SERVICES.

SAFETY: THE SERVICES ARE INTENDED TO BE USED FOR PROVIDING INFORMATION AND NAVIGATION SERVICES RELATED TO YOUR JOURNEY ONLY AND ARE NOT INTENDED TO BE USED AS A SAFETY RELATED TOOL AND CANNOT WARN YOU ABOUT ALL DANGERS AND HAZARDS WITH RESPECT TO THE ROAD YOU ARE DRIVING. THEREFORE, IT REMAINS YOUR DUTY TO DRIVE IN A CAREFUL AND SAFE MANNER (PAYING ALL DUE CARE AND ATTENTION TO THE ROAD) AS WELL AS OBSER-

VING ALL APPLICABLE TRAFFIC REGULATIONS AND RULES. IT IS YOUR RESPONSIBILITY NOT TO USE THE SERVICES IN A MANNER THAT WOULD DISTRACT YOU FROM DRIVING SAFELY.

6. LIMITATION OF LIABILITY:

   TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, NEITHER TOMTOM NOR ITS LICENSORS AND SUPPLIERS, OFFICERS, DIRECTORS OR EMPLOYEES SHALL BE LIABLE TO YOU OR TO ANY THIRD PARTY FOR ANY DAMAGES, WHETHER DIRECT, SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL (INCLUDING BUT NOT LIMITED TO, DAMAGES FOR THE INABILITY TO USE OR ACCESS THE SERVICES, LOSS OF DATA, LOSS OF BUSINESS, LOSS OF PROFITS, BUSINESS INTERRUPTION OR THE LIKE) ARISING OUT OF OR RELATED TO THE USE OF, THE INABILITY TO USE OR ACCESS, OR OTHERWISE THE PERFORMANCE OF THE SERVICES, EVEN IF NISSAN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

   TO THE EXTENT TOMTOM IS NOT PERMITTED UNDER APPLICABLE LAW TO EXCLUDE ITS LIABILITY PURSUANT TO CLAUSE 6.1 ABOVE, TOMTOM'S TOTAL AGGREGATE LIABILITY TO YOU SHALL BE LIMITED TO THE AMOUNT OF US $100.00.

   THE ABOVE LIMITATIONS OF LIABILITY UNDER THIS CLAUSE 6 DO NOT: (I) AFFECT YOUR RIGHTS UNDER ANY APPLICABLE MANDATORY NATIONAL LEGISLATION; (II) EXCLUDE OR LIMIT ANY LIABILITY THAT CANNOT BE EXCLUDED OR LIMITED UNDER APPLICABLE LAW.

7. TERMINATION: Without prejudice to any other rights, TomTom may immediately terminate this EULA if you fail to comply with any of its terms and conditions. The provisions of this Agreement, which by their nature are intended to survive termination, will remain in effect after termination of this EULA.

8. LINKS TO THIRD PARTY SITES: TomTom and other third parties involved in making the Services available to you ("Third Parties") are not responsible for the contents of any third-party sites or services, any links contained in third-party sites or services, or any changes or updates to third-party sites or services which are delivered by the Services or otherwise. TomTom (and, as applicable, each of the Third Parties) is providing these links and access to third-party sites and services to you only as a convenience, and the inclusion of any link or access does not imply an endorsement by TomTom or any Third Parties of the third-party site or service. Any use by you of such links or third party sites and the manner in which you use such third party sites and links shall be your responsibility and at your risk and you shall not use them in any illegal or fraudulent manner.

   Should you have any questions concerning this EULA, or if you desire to contact TomTom for any reason, please visit TomTom's website below.

   http://www.tomtom.com

MEMO

7 Voice recognition (if equipped)

Voice Recognition System 7-2
Using Voice Recognition System 7-2
Before starting 7-2
Giving voice commands 7-2
System Voice settings 7-4
Amazon Alexa (if equipped) 7-5
Starting Alexa 7-5
Amazon Alexa operation 7-5
Menu screen 7-6

USING VOICE RECOGNITION SYSTEM

Initialization

When the ignition switch or power switch is in the ACC or ON position, voice recognition is initialized. When the initialization is complete, the system is ready to accept voice commands. If **<** 🎤 **>** on the steering wheel is operated before the initialization completes, the display will show a message to wait until the system is ready.

INFO:

Depending on the countries, the voice recognition function is not available and **<** 🎤 **>** on the steering wheel may not function.

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.) and turn down the fan speed level of the heater/air conditioner to lower the noise which may prevent the system from correctly recognizing the voice commands.
- Wait until the tone sounds before speaking a command.
- Speak in a natural conversational voice without pausing between words.
- The system cannot recognize voice commands spoken from passenger seats.

GIVING VOICE COMMANDS

1. To activate Voice Recognition System, take one of the following actions.
   - Push **<** 🎤 **>** on the steering wheel.
   - Say "Hello Nissan" (if equipped).

   INFO:

   - Turn on [Allow "Hello Nissan"] (if equipped) to enable "Hello Nissan".
     ☞ "System Voice settings" (page 7-4)
   - Models with Amazon Alexa:

     Set [Short press of TALK starts:] to [Nissan] in order to use **<** 🎤 **>** on the steering wheel to activate the Voice Recognition System.
     ☞ "System Voice settings" (page 7-4)
2. After the tone sounds speak a command (such as "Play FM").

   If the command is not recognized for a few seconds, the menu screen will be displayed. You can use the Voice Recognition System following the screen and voice guidance.

INFO:

- On the voice recognition menu screen, you can also select a command by touching the screen or using **<OK>** (Scroll dial type) (if equipped) or **< ▲ >/< ▼ >** (if equipped) on the steering wheel.
- 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.
- To exit the Voice Recognition System, push and hold **<** 🎤 **>** on the steering wheel.
- Depending on the language setting, the Voice Recognition System cannot be used.
- Voice Recognition System can also be operated by following the instructions on the touch screen display.
- When cloud voice recognition (if equipped) is turned on, you can get information from the latest database using TCU (Telematics Control Unit) (if equipped).
  ☞ "System Voice settings" (page 7-4)

- The Voice Recognition System can also be started by touching [🎙] displayed on various screens.

Operating tips

- If the command is not recognized, the system will prompt you to speak the command again. Repeat the command in a clear voice.
- Touch [↩] on the touch screen display to return to the previous screen. Pushing **< ↩ ◀ >** (if equipped) or **< ↩ >** (if equipped) on the steering wheel can also return to the previous screen.
- To adjust the volume of the system feedback, push **< 🔊 >** on the steering wheel or turn **< ⏻ /VOL>** while the system is making an announcement.

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.

SYSTEM VOICE SETTINGS

The system voice settings can be changed.

1. Touch [ ] on the Launch Bar.
2. Touch [ ].
3. Touch [Sound and Tones]/[Sound & Beeps] and then touch [System Voice].
4. Touch the item you would like to set.

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

Available item		**Action**
[Initial Voice Prompt]		When this item is turned on, initial voice prompts are announced.
[Short Voice Prompts]		When this item is turned on, short and minimized voice feedback will be provided.
[Best Match Lists]	[Phonebook]	When these items are turned on, the voice recognition results are displayed on the list in the order of reliable recognition.
	[Music Commands]	
[Voice Preference]		Guidance voice setting can be selected from a male or female voice. Depending on the language setting, the guidance voice setting cannot be changed.
[Speech Rate]		Adjusts the speech rate of prompt.
[Voice Prompt Vol.]		Adjusts the volume level of the voice prompt.
[Speak Over Prompts]/[Speak Over Voice Prompts]		When this item is turned on, voice commands are recognized even during voice guidance.
[Cloud Voice Recognition]		When this item is turned on, online voice recognition which uses the cloud database will be available.
[Allow “Hello Nissan”]		Turns the “Hello Nissan” activation setting on/off.
[Short press of TALK starts:]		Selects the type of the voice recognition that will be activated when you push **<** **>** on the steering wheel.

AMAZON ALEXA (if equipped)

With Alexa integrated in this system, you can play music, hear the news or control smart home devices, and more.

Refer to the Amazon website for details.

STARTING ALEXA

To start using Amazon Alexa, you will need a smartphone, internet connection, and the login details for your Amazon account.

☞ "Setting Wi-Fi" (page 2-14)
☞ "NissanConnect Services (if equipped for Europe, Russia, Kazakhstan, Belarus and Ukraine)" (page 5-4)
☞ "NissanConnect Services® powered by SiriusXM® (for Mexico)" (page 5-5)

1. Touch [⌂] on the Launch Bar.
2. Touch [Alexa]. Check the disclaimer screen and touch [OK].
3. Touch [GET STARTED]. The access code and QR code will be displayed.
4. Scan the QR code with your smartphone and enter your Amazon credentials.
5. Touch [Finished]/[Finish] and start using Amazon Alexa saying such as "Alexa, what is the weather today?".

INFO:

If the language selection screen is displayed, select your preferred language. The language can also be set on the menu screen.

☞ "Menu screen" (page 7-6)

AMAZON ALEXA OPERATION

Amazon Alexa can be activated by pushing **<** **>** on the steering wheel.

[Set Alexa as default voice assistant]/[Set as default voice assistant] should be turned on for activating Amazon Alexa with **<** **>** on the steering wheel.

☞ "Menu screen" (page 7-6)

INFO:

- The activation option using **<** **>** on the steering wheel can also be set from the System Voice settings screen.
  ☞ "System Voice settings" (page 7-4)
- You can also activate Amazon Alexa by touching [Alexa] on the home menu screen and then touching [◉].

MENU SCREEN

The menu screen displays items that will help you use Alexa.

Touch [Menu] on the Amazon Alexa screen to display the menu screen.

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

Menu item		**Action**
[Settings]	[Phonebook]/[Contact list]	Synchronizes Alexa with the phonebook of the cellular phone connected as a hands-free phone.
	[Notifications]	Turns the notifications from Alexa on/off.
	[Start of request sound]	Turns the start of request sound on/off.
	[End of request sound]	Turns the end of request sound on/off.
	[Set Alexa as default voice assistant]/[Set as default voice assistant]	When this item is turned on, Amazon Alexa will be activated by pushing **<** **>** on the steering wheel.
[Things to try]		Displays the categories of available features. Touch a category to display the examples of voice command.
[Language]		Changes the language setting.
[Sign out]		Touch to sign out from Amazon Alexa.
[Help]		Displays helpful tips for Amazon Alexa operation.

8 Troubleshooting guide

System unit 8-2
Liquid crystal display 8-2
Wi-Fi connection (if equipped) 8-3
Vehicle hotspot (if equipped) 8-4
Audio system 8-5
AM radio 8-5
DAB radio (if equipped) 8-6
iPod player 8-8
USB memory device 8-10
Bluetooth® audio 8-11
Bluetooth® Hands-Free Phone System 8-13
NissanConnect Services (if equipped) 8-16
Apple CarPlay (if equipped) 8-17
Android Auto (if equipped) 8-19
Siri Eyes Free (if equipped) 8-21
Navigation 8-22
Basic operations 8-22
Map screen 8-23
Route calculation and visual guidance 8-25
Voice guidance 8-27
Traffic information (if equipped) 8-28
Voice recognition (if equipped) 8-29
Amazon Alexa (if equipped) 8-31

SYSTEM UNIT

LIQUID CRYSTAL DISPLAY

Symptom	Possible cause	Possible solution
The screen is too dark.	The cabin temperature is too low.	Wait until the cabin temperature becomes moderate.
	The cabin temperature is too hot.	
	Screen brightness is set to the maximum darkness.	Adjust the brightness setting of the screen.
The screen is too bright.	Screen brightness is 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 is less than 10°C (50°F).	Wait until the cabin temperature rises to within 10°C (50°F) and 50°C (122°F).
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 has occurred.	It is recommended that you contact a NISSAN dealer for an inspection.

WI-FI CONNECTION (if equipped)

Symptom	Possible cause	Possible solution
The name of the device which you wish to connect is not displayed on the Connections screen.	The device is turned off.	Check that the device is turned on.
	The device does not support a WPA2 security network.	Check that the security network is supported by the device.
The in-vehicle system cannot connect to the Wi-Fi network.	The device is turned off.	Check that the device is turned on.
	The network password is incorrect.	Check that the network password is correct.
		Check the entered password is correct.

VEHICLE HOTSPOT (if equipped)

Symptom	Possible cause	Possible solution
The device cannot connect to the vehicle hotspot.	A maximum number of devices are already connected.	Delete a connected device.
	The password is incorrect.	Check that the network password is correct.
		Check the entered password is correct.
The device cannot access the Internet.	The service provider’s subscription is not active.	Check the service provider’s subscription.
	The vehicle is out of the service area of the provider.	Move to a service supported area.
Slow connectivity to the network.	Another wireless connection interferes.	Turn off the other wireless devices.

AUDIO SYSTEM

AM RADIO

Symptom	Possible cause	Possible solution
AM reception deteriorates at night.	AM stations are required to lower their power at night.	This is not a malfunction.

DAB RADIO (if equipped)

Symptom	Possible cause	Possible solution
The sound skips, stutters or echoes.	The radio station has not properly aligned digital and analog audio.	Verify correct operation on another station. Report the station with poor performance.
The volume level is unstable.	Level alignment is inappropriate.	Verify correct operation on another station and check the station availability in the area. Report the station with poor alignment.
The sound fades in/out.	DAB-FM is taking place.	Verify transition performance on several stations in the area. Report stations with poor alignment.
Excessive DAB-FM takes place.	The vehicle is located near the edge of the DAB coverage area.	Verify the radio station coverage in your area.
The sound quality of DAB is no better than that of FM/AM.	Audio processing on the digital audio by the station can potentially decrease digital audio sound quality.	Verify correct operation on another station. Report the station with poor performance.
Local stations keep being lost.	Digital coverage is slightly smaller than analog signal coverage.	Verify correct operation on another station.
	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 the station issue.
Text information is truncated.	The display is limited to a fixed number of characters and more data is being sent than can be displayed.	This is not a malfunction.
The DAB-FM setting is turned on but an alternative station does not play and the signal does not appear on the display.	The tuner is waiting for the original signal to recover and is seeking an available alternative signal.	Wait for the signal to return or for the tuner to pick up an alternative signal.
A message indicating that service is not available is displayed on the screen.	The selected service or ensemble is not in service.	Select a different service or ensemble.

INFO:

- When station presetting is performed while a secondary service is playing, the parent primary service will be registered.
- Secondary services do not appear on the station list.

iPod PLAYER

Symptom	Possible cause	Possible solution
The system does not recognize an iPod.	A connector cable is not correctly connected, or the iPod does not correctly operate.	Connect the connector cable again. If the system does not recognize the iPod after performing this procedure above, reset the iPod.
	The iPod that is to be connected is not compatible with the system.	Check the iPod model and firmware versions available for the system.
	The connected USB extension cable is not compatible with the system.	Replace the USB extension cable if the system still does not recognize the iPod after reconnecting the cable properly a number of times.
	The cable is rapidly connected to or disconnected from the USB connection port.	Slowly connect or disconnect the USB cable.
An iPod cannot be operated.	The iPod is connected to the in-vehicle audio system while headsets, etc. are connected to the iPod.	Remove all equipment from the iPod after disconnecting the iPod from the system, and then connect it to the system again.
	The iPod is not operating normally.	Disconnect the iPod from the in-vehicle audio system, and then connect it to the system again.
	The system plays back an album/file that includes a particular album art.	Disconnect the iPod from the in-vehicle audio system, and then reset the iPod. Disable the album art, and then connect the iPod to the system.
An iPod does not respond.	There are too many files in a category.	Decrease the number of files in a category (less than 65500 files).
	The shuffle function is turned on.	Turn off the shuffle function if many files are stored on the iPod.
Music cannot be played back.	A connector is not connected to the iPod.	Firmly connect the connector to the iPod.
Playback cuts out.	The sound cuts due to vibration resulting from an unstable location of the iPod.	Place the iPod on a stable location where it does not roll over.

Symptom	Possible cause	Possible solution
Battery charge of an iPod takes longer.	Battery charge of the iPod may take longer while an iPod is playing back.	If the iPod needs to be charged, it is recommended to stop playing the music.
Battery charge of an iPod is unavailable.	The cable that is connected to the iPod may be damaged or improperly connected.	Check the cable currently in use.
Functions cannot be operated using an iPod that is connected to the in-vehicle audio system.	-	The operation of an iPod must be performed using the in-vehicle audio system after the iPod is connected to the system.
Sound skips.	Surrounding circumstances (noise, etc.) may cause the sound to skip.	This does not indicate a malfunction.
	A USB extension cable is used.	Do not use a USB extension cable.

USB MEMORY DEVICE

Symptom	Possible cause	Possible solution
The system does not recognize a USB device.	A USB extension cable is used.	Do not use a USB extension cable.
	A USB hub is used.	Do not use a USB hub.
	A USB device is rapidly connected to or disconnected from the USB connection port.	Slowly connect or disconnect the USB device.

BLUETOOTH® AUDIO

Symptom	Possible cause	Possible solution
Registration cannot be performed.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® audio device Owner's Manual.
	Bluetooth® is disabled on device.	Check that the Bluetooth® function is enabled on device.
	The PIN code is incorrect.	Check the PIN code for the Bluetooth® audio device that is to be registered.
		Check that the PIN code for the Bluetooth® audio device is consistent with that for the in-vehicle audio system.
	Another Bluetooth® device is used in the vehicle.	Turn off the other Bluetooth® device until the registration is completed.
Music cannot be played back.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® audio device Owner's Manual.
	The system is not set to the Bluetooth® audio mode.	Touch [♫] and select the Bluetooth® audio mode. ☞ "Selecting audio source" (page 3-7)
	A Bluetooth® adapter is turned off.	Turn on a Bluetooth® adapter when it is used for a Bluetooth® audio device.
Playback stops.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Use a device compatible with the system. Ask a NISSAN dealer for information regarding model compatibility.
	A cellular call is active.	This is not a malfunction.
	Sound may cut out when a Bluetooth® audio device is operated.	Touch [♫] and select the Bluetooth® audio mode, and then operate a function on the touch screen display of the in-vehicle system instead of conducting the operation on the Bluetooth® audio device.

Symptom	Possible cause	Possible solution
Audio operation cannot be performed.	A Bluetooth® audio device that does not support audio operations is in use.	Use a device compatible with the system. Ask a NISSAN dealer for information regarding model compatibility.
	An error occurs when connecting to a Bluetooth® audio profile.	Turn the power source of the Bluetooth® audio player off and on, and then resume connection with the system.

BLUETOOTH® HANDS-FREE PHONE SYSTEM

Symptom	Possible cause	Possible solution
A cellular phone cannot be registered.	The cellular phone is not compatible with the in-vehicle hands-free phone system.	Use a cellular phone compatible with the system. Ask a NISSAN dealer for information regarding model compatibility.
	Registration of the cellular phone has been performed incorrectly.	Check the registration procedure, and then register the cellular phone again.
A cellular phone cannot be connected or is disconnected after the registration is completed.	The Bluetooth® setting of the in-vehicle hands-free phone system is turned off.	Turn on the Bluetooth® setting of the system.
	The Bluetooth® setting of the cellular phone is turned off.	Turn on the Bluetooth® setting of the cellular phone.
	The remaining battery level of the cellular phone is low.	Charge the battery of the cellular phone.
	The wireless Bluetooth® connection may be disrupted depending on the location of the cellular phone.	Do not place the cellular phone in an area surrounded by metal or far away from the in-vehicle hands-free phone system. Do not place the cellular phone close to the seats or your body.
	Registration of the cellular phone is not completed.	Perform registration of the cellular phone.
A call to a particular phone number fails.	If the system tries to make a call several times to the same phone number (for example: the party does not respond to the call, the party is out of the service area, or the call is abandoned before the party responds), the system may reject a request to make a call to the phone number.	Turn off the cellular phone and turn it on again to reset the connection.

Symptom	Possible cause	Possible solution
The system does not recognize the connection of a cellular phone. The system does not receive or make a call.	The cellular phone is not compatible with the in-vehicle hands-free phone system.	Use a cellular phone compatible with the system. Ask a NISSAN dealer for information regarding model compatibility.
	The cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.
	The phone operation is limited by the functions (such as dial lock, etc.) of the registered cellular phone.	Remove any settings that are limiting use of the cellular phone, and then perform registration again.
The other party cannot hear your voice. The other party can hear your voice, but it cracks or cuts out.	Mute function is enabled.	Verify mute function is disabled.
	The cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.
	The fan speed of the heater/air conditioner is too fast.	Decrease the fan speed of the heater/air conditioner.
	The ambient noise level is excessive. (For example: heavy rain, construction sites, inside a tunnel, oncoming vehicles, etc.)	Close the windows to shut out ambient noise.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed.
	The incoming voice volume is too loud/soft.	Adjust the volume using **< ⏻ /VOL>** or **< 🔊 >** on the steering wheel.
	The outgoing voice volume is 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.

Symptom	Possible cause	Possible solution
The other party's voice cannot be heard. There is no ringtone.	The volume level is set to the minimum.	Adjust the volume level.
	A cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.
Each volume level (ringtone, incoming voice or outgoing voice) is different.	Each volume level is not adjusted properly.	Adjust each volume level properly.
The antenna display is different between the touch screen display and a cellular phone screen. Making or receiving a call is unavailable even though the antenna display shows that it is possible to do so.	The antenna display varies depending on the model of cellular phone.	This does not indicate a malfunction. The antenna display and remaining battery level shown on the touch screen display may be different from those shown on the cellular phone screen. Use them as a reference.
A voice cannot be heard clearly when using a cellular phone behind tall buildings.	Some structures such as tall buildings, etc. may cause irregular reflection of radio waves or completely shut out radio waves that are used for cellular phones.	Move to a place without tall buildings.
Noise is heard when using a cellular phone under/near areas of elevated railroads, high voltage electric power cables, traffic signals, neon billboards, etc.	Electromagnetic waves that are generated from radio devices may adversely affect the cellular phone.	This is not a malfunction.
Noise is heard in the sound from the audio system while using a cellular phone.	Radio waves that are generated from a cellular phone may adversely affect the sound from the audio system.	This is not a malfunction.
Sound skips or stutters.	The cellular phone may have turned on the wireless LAN (Wi-Fi).	Turn off the wireless LAN (Wi-Fi).
Phonebook cannot be downloaded.	An error occurred during the phone pairing process.	Please delete the Bluetooth® pairing information from both the cellular phone and vehicle system before registering it again.
	Phone does not support phonebook download function.	Use a cellular phone compatible with the system. Ask a NISSAN dealer for information regarding model compatibility.

NISSANCONNECT SERVICES (if equipped)

Symptom	Possible cause	Possible solution
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, contact the support line or contact a NISSAN dealer. ☞ "NissanConnect Services (if equipped for Europe, Russia, Kazakhstan, Belarus and Ukraine)" (page 5-4) ☞ "NissanConnect Services® powered by SiriusXM® (for Mexico)" (page 5-5)
	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, contact the support line or contact a NISSAN dealer. ☞ "NissanConnect Services (if equipped for Europe, Russia, Kazakhstan, Belarus and Ukraine)" (page 5-4) ☞ "NissanConnect Services® powered by SiriusXM® (for Mexico)" (page 5-5)
	Radio wave reception is not sufficient for TCU (Telematics Control Unit) operation.	When the vehicle moves to an area where radio waves can be transmitted sufficiently, communication will be restored. When the icon on the display shows that the vehicle is inside the communication area, the system can be used.
Some of the items that are displayed on the menu screen cannot be selected.	The vehicle is being driven and some menu items are disabled.	Stop the vehicle in a safe location and apply the parking brake before operating the menu screen items.
Some parts of the screen are not displayed.	The vehicle is being driven and some menu items are disabled.	Operate the system after stopping the vehicle in a safe location and applying the parking brake.
The system does not announce information.	The volume level is set to the minimum.	Adjust the volume level by operating **< ⏻ /VOL>** or **< 🔊 >** on the steering wheel switch while the system is announcing information.

Apple CarPlay (if equipped)

Symptom	Cause and Countermeasure
Cannot start Apple CarPlay though it is tethered to the vehicle.	The USB cable is not connected to the USB connection port. Properly connect the USB cable to the USB connection port. ☞ "USB (Universal Serial Bus) connection ports" (page 2-4)
	[Start-up Options] is in a setting where Apple CarPlay does not start. Change the setting. ☞ "Setting Apple CarPlay" (page 2-13)
	Use an Apple Lightning cable (Mfi certified) to connect your phone to the USB connection port and check that the cable 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.	The wireless connection is not completed properly. To activate wireless Apple CarPlay, touch [▶] on the Connections settings screen. ☞ "Connections settings" (page 2-11)
	The wireless connection is not completed properly. ☞ "Connecting iPhone" (page 5-13) Delete iPhone on the devices list and reconnect it to the in-vehicle system. ☞ "Setting Bluetooth®" (page 2-12)
Apple CarPlay performance decreases. For example, slow connectivity or slow application functionality. or 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.

Symptom	Cause and Countermeasure
Cannot access Siri using **<** **>** on the steering wheel.	The USB cable may not be properly connected. Disconnect and reconnect the USB cable.
	Siri setting is not enabled on the phone. Turn on Siri on your phone.
	Check that you are pushing and holding **<** **>** instead of just pushing the switch to initiate Siri operation.

Android Auto (if equipped)

Symptom	Cause and Countermeasure
Cannot start Android Auto though it is connected to the vehicle.	The USB cable is not connected to the USB connection port. Properly connect the USB cable to the USB connection port. ☞ "USB (Universal Serial Bus) connection ports" (page 2-4)
	[Start-up Options] is in a setting where Android Auto does not start. Change the setting. ☞ "Setting Android Auto" (page 2-14)
	To activate Android Auto, touch [▲] on the Launch Bar or touch [Smartphone Projection] on the apps menu and then touch [Android Auto]. ☞ "Apps menu" (page 5-2)
	Delete Android phone on the devices list and reconnect it to the in-vehicle system. ☞ "Setting Bluetooth®" (page 2-12)
	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 equipped).	The wireless connection is not completed properly. To activate wireless Android Auto, touch [▲] on the Connections settings screen. ☞ "Connections settings" (page 2-11)
	The wireless connection is not completed properly. ☞ "Connecting Android phone" (page 5-16) Delete Android phone on the devices list and reconnect it to the in-vehicle system. ☞ "Setting Bluetooth®" (page 2-12)
Android Auto performance decreases. For example, slow connectivity or slow application functionality. or 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.

Symptom	Cause and Countermeasure
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 appropriate settings on your Android phone.
	Check that you are pushing and holding **<** **>** instead of just pushing the switch to initiate voice operation.

Siri Eyes Free (if equipped)

Symptom	Cause and Countermeasure
Cannot access Siri Eyes Free using **<** **>** on the steering wheel.	Check if a Bluetooth® connection is established between the iPhone and the system.
	Check if Siri is enabled on the device. On your phone, go to Siri setting.
	Check that Siri can be accessed from the device lock screen. This can be set in the settings menu of your phone.
	Depending on the countries, the voice operation is not available and **<** **>** may not function.
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. ☞ "Selecting audio source" (page 3-7)
Play, pause, next track, previous track or play timer does not work.	For best results, use the native music app. Performance of music control function while using Podcasts, Audiobook or other third party music apps may vary and is controlled by the device.
Cannot hear any music/audio being played back from a connected iPhone.	Check that the audio source is set to Bluetooth® Audio or iPod mode. A USB connection is required for iPod mode.
Cannot hear map turn-by-turn direction guidance from a connected iPhone.	Check that the audio source is set to Bluetooth® Audio or iPod mode. A USB connection is required for iPod mode.
Cannot receive text message notifications on the vehicle audio system.	Check if notification setting is enabled on your phone.
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 operation. After Siri Eyes Free starts, speak an appropriate command to reply to the message using Siri Eyes Free.

BASIC OPERATIONS

Symptom	Possible cause	Possible solution
No image is displayed.	The brightness is at the lowest setting.	Adjust the brightness of the display.
	The display is turned off.	Push <☀/⏻> to turn on the display.
The volume of the voice guidance is too high or too low.	The volume is not set correctly, or the voice guidance setting is turned off.	Adjust the volume of the voice guidance or turn on the voice guidance setting.
No map is displayed on the screen.	A screen other than a map screen is displayed.	Touch [△] on the Launch Bar.
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

Symptom	Possible cause	Possible solution
Names of roads and locations differ between 2D and 3D view.	This is because the quantity of the displayed information is reduced so that the screen does not become too cluttered. There is also a chance that names of the roads or locations may be displayed multiple times, and the names appearing on the screen may be different because of a processing procedure.	This is not a malfunction.
The location of the vehicle icon is misaligned from the actual position.	The vehicle was transported after the ignition switch or power switch was placed in the OFF position, for example, by a ferry or car transporter.	Drive the vehicle for a period of time on a road where Global Navigation Satellite System (GNSS) signals can be received.
	The position and direction of the vehicle icon may be incorrect depending on the driving environments and the levels of positioning accuracy of the navigation system.	This is not a malfunction. Drive the vehicle for a period of time to automatically correct the position and direction of the vehicle icon. ☞ "Current vehicle location" (page 6-35)
	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 30 km/h (19 MPH) 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. ☞ "How to update map data" (page 6-41)
When the vehicle is traveling on a new road, the vehicle icon is located on another road nearby.	Because the new road is not stored in the map data, the system automatically places the vehicle icon on the nearest road available.	Updated road information will be included in the next version of the map data. ☞ "How to update map data" (page 6-41)
The screen does not switch to the night screen even after turning on the headlights.	The daytime screen was set the last time the headlights were turned on.	Set the screen to the night screen mode using <☀/☽> when turning on the headlights.

Symptom	Possible cause	Possible solution
The map does not scroll even when the vehicle is moving.	The current location map screen is not displayed.	Touch [△] on the Launch Bar.
The vehicle icon is not displayed.	The current location map screen is not displayed.	Touch [△] on the Launch Bar.

ROUTE CALCULATION AND VISUAL GUIDANCE

Symptom	Possible cause	Possible solution
Waypoints are not included in the auto reroute calculation.	Waypoints that have been already passed are not included in the auto reroute calculation.	To go to that waypoint again, edit the route.
Route information is not displayed.	Route calculation has not yet been performed.	Set the destination and perform route calculation.
	The vehicle is not on the suggested route.	Drive on the suggested route.
	Route guidance is turned off.	Turn on route guidance.
	Route information is not provided for certain types of roads.	This is not a malfunction.
The auto reroute calculation (or detour calculation) suggests the same route as the one previously suggested.	Route calculations took priority conditions into consideration, but the same route was calculated.	This is not a malfunction.
A waypoint cannot be added.	A maximum number of waypoints are already set on the route, including ones that the vehicle has already passed.	To go to more than a maximum number of 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 [Use Time Restricted Roads]/[Time Restricted Rd] setting. ☞ "Routing preferences" (page 6-20)
A part of the route is not displayed.	The suggested route includes narrow streets.	This is not a malfunction.

Symptom	Possible cause	Possible solution
The part of the route that the vehicle has already passed is deleted.	A route is managed by sections between waypoints. If the vehicle passed the first waypoint, the section between the starting point and the waypoint is deleted (it may not be deleted depending on the area).	This is not a malfunction.
An indirect route is suggested.	If there are restrictions (such as one-way streets) on roads close to the starting point or destination, the system may suggest an indirect route.	Adjust the location of the starting point or destination.
	The system may suggest an indirect route because route calculation does not take into consideration some areas such as narrow streets.	Reset the destination to a main or ordinary road, and recalculate the route.
The landmark information does not correspond to the actual information.	This may be caused by insufficient or incorrect map data.	Updated information will be included in the next version of the map data. “How to update map data” (page 6-41)
The suggested route does not exactly connect to the starting point, waypoints or destination.	There is no data for route calculation closer to these locations.	Set the starting point, waypoints and destination on a main road, and perform route calculation.

VOICE GUIDANCE

Symptom	Possible cause	Possible solution
Voice guidance is not available.	The vehicle has deviated from the suggested route.	Go back to the suggested route or request route calculation again.
	Voice guidance is turned off.	Turn on voice guidance.
	Route guidance is turned off.	Turn on route guidance.
The guidance content does not correspond to the actual road conditions.	The content of voice guidance may vary, depending on the types of intersections at which turns are made.	Follow all traffic rules and regulations.

TRAFFIC INFORMATION (if equipped)

Symptom	Possible cause	Possible solution
Traffic information is not displayed.	The Premium Traffic setting is turned off.	Turn on the Premium Traffic setting. ☞ "Traffic information settings" (page 6-25)
	The vehicle is in an area where traffic information is not available.	Scroll to an area where traffic information is available.
	The map scale is set at a level where the icons cannot be displayed.	Check that the map scale is set at a level at which the icons can be displayed. ☞ "Traffic information on map" (page 6-25)
The suggested detour route does not avoid congested areas.	A faster route was not found, based on the road network and available 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 suggested route. ☞ "Viewing traffic information" (page 6-24)
The route does not avoid a road section with traffic information stating that it is closed due to road construction.	The navigation system does not avoid roads under construction if the day and time of the actual roadwork differs from the one that was declared.	Observe the actual road conditions and follow the instructions on the road to make 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 (if equipped)

Symptom	Possible cause	Possible solution
The system does not operate or fails to interpret the command correctly.	The interior of the vehicle is too noisy.	Close the windows or have the other occupants be quiet.
	The fan speed of the heater/air conditioner is too fast.	Decrease the fan speed of the heater/air conditioner.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed.
	The voice command is spoken in a low voice.	Speak the command in a louder voice.
	The timing of speaking a command is too early.	Speak the command after confirming the following: a voice guidance is announced, a tone sounds, and a wave animation is displayed on the screen.
	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 several seconds after confirming the following: a voice guidance is announced, a tone sounds, and a wave animation is displayed on the screen.
	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 phone 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.

Symptom	Possible cause	Possible solution
An error message is displayed when trying to select a file and operate USB/iPod.	The file information is being processed for registration by the system.	Song information will be loaded into the system when a new audio device is registered for the first time or when the song information in the pre-registered device has been changed. Please wait for the loading to complete which may take a few minutes to up to an hour.
	A number of songs exceeding the amount the device can contain are stored in the connected audio device.	Decrease the number of songs stored in the audio device.
	No song is stored in the audio device.	Store songs in the connected audio device. Storing songs with information such as artist name, album name, song name, playlist, etc., will make voice recognition song search available.
The voice recognition function cannot be activated using **<** **>** on the steering wheel.	Depending on the countries, the voice operation is not available and **<** **>** may not function.	This is not a malfunction.

AMAZON ALEXA (if equipped)

Symptom	Possible cause	Possible solution
The system does not respond or fails to interpret the command correctly.	The system recognizes the voice of the passenger instead of the driver.	Ask the passengers to be quiet.
	The voice command is spoken in a low voice.	Speak the command in a louder voice.
	The noise outside the vehicle (such as heavy rain, construction, tunnels, etc.) is too loud.	Close the windows.
	The noise from the heater/air conditioner fan is too loud.	Decrease the fan speed of the heater/air conditioner.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed.
	The command is spoken too slowly.	Speak in a natural voice without pausing between words.
	The system recognizes a name as something/someone else with the same name.	Rephrase or change your command to be more specific.
The system does not speak.	The volume level is set to the minimum.	Adjust the volume using **< ⏻ /VOL>** or **< 🔊 >** on the steering wheel.
Cannot start voice operation using **< 🎤 >** on the steering wheel.	[Set Alexa as default voice assistant]/[Set as default voice assistant] is not turned on.	Turn on [Set Alexa as default voice assistant]/[Set as default voice assistant]. ☞ "Menu screen" (page 7-6)

MEMO

9 Index

Number

2D map 6-3, 6-5
3D map 6-7

A

About route guidance 6-16
Amazon Alexa 7-5
Android Auto 5-15
Apple CarPlay 5-13
Apps menu 5-2
Audio operation precautions 3-2
Audio operations 3-7

B

Bluetooth® audio 3-7
Bluetooth® Hands-Free Phone System 4-2
Building graphics 6-7

C

Changing scale of map 6-9
Compass mode display 6-7
Connecting Bluetooth® Hands-Free Phone 4-3
Connections settings 2-11
Control buttons and touch screen display 2-2
Current vehicle location 6-35

D

Deleting stored item 6-31
Destination setting menu 6-12
Displaying navigation screen 6-2
Downloaded Apps 5-19
During a call 4-4

E

Editing route 6-22
Editing stored information 6-27

F

Functions disabled while driving 2-7

G

Giving voice commands 7-2

H

Hands-free text messaging assistant 4-5

I

Interactive Voice Menu 5-10

L

Licenses 1-8
Liquid crystal display 2-2
List screen 3-12
Log-in screen 2-5

M

Making a call 4-4
Map Menu screen 6-9
Map types 6-3
Map update 6-41
Map view settings 6-10
Moving map 6-9

N

Navigation screen 6-2
Navigation settings 6-34
NissanConnect Services 5-4, 5-5

O

Options before starting the route guidance 6-15

P

Phone 4-3
Phone selection 4-3
Phone settings 4-8

Q

Quick Dial 4-10
Quick Settings 2-11

R

Radio 3-2, 3-9
Receiving a call 4-4
Route calculation 6-38

Route guidance 6-16, 6-39

S

Safety information 1-3, 6-2
Setting Bluetooth® 2-12
Settings menu 2-8
Siri Eyes Free 5-18
Starting system 2-5
Storing a location/route 6-26
Storing areas to avoid 6-27
Storing home location 6-26
Storing location 6-26
Storing route 6-27
SUNA Traffic Channel 6-40
System settings 2-8
System update 2-16
System voice settings 7-4

T

Text message settings 4-8
Touch screen display 2-2
Trademarks 1-5
Traffic information settings 6-25

U

USB (Universal Serial Bus) connection ports 2-4
USB memory device care and cleaning 3-19
User selection 2-5

V

Viewing traffic information 6-24
Voice guidance settings 6-23
Voice Prompt Interrupt 7-3
Voice Recognition System 7-2

Printing: July 2022
Publication No.: N22E-AV2NJG0
Printed in Japan
T00NA-6RK1E

AV2NJ-A