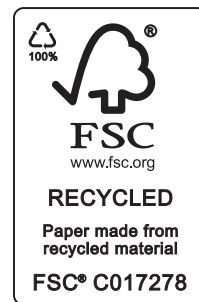




NISSAN

Printing: September 2016 (01)
Publication No.: NM16EN-ZNAVE0EUR
Printed in France
Nissan International SA - Switzerland



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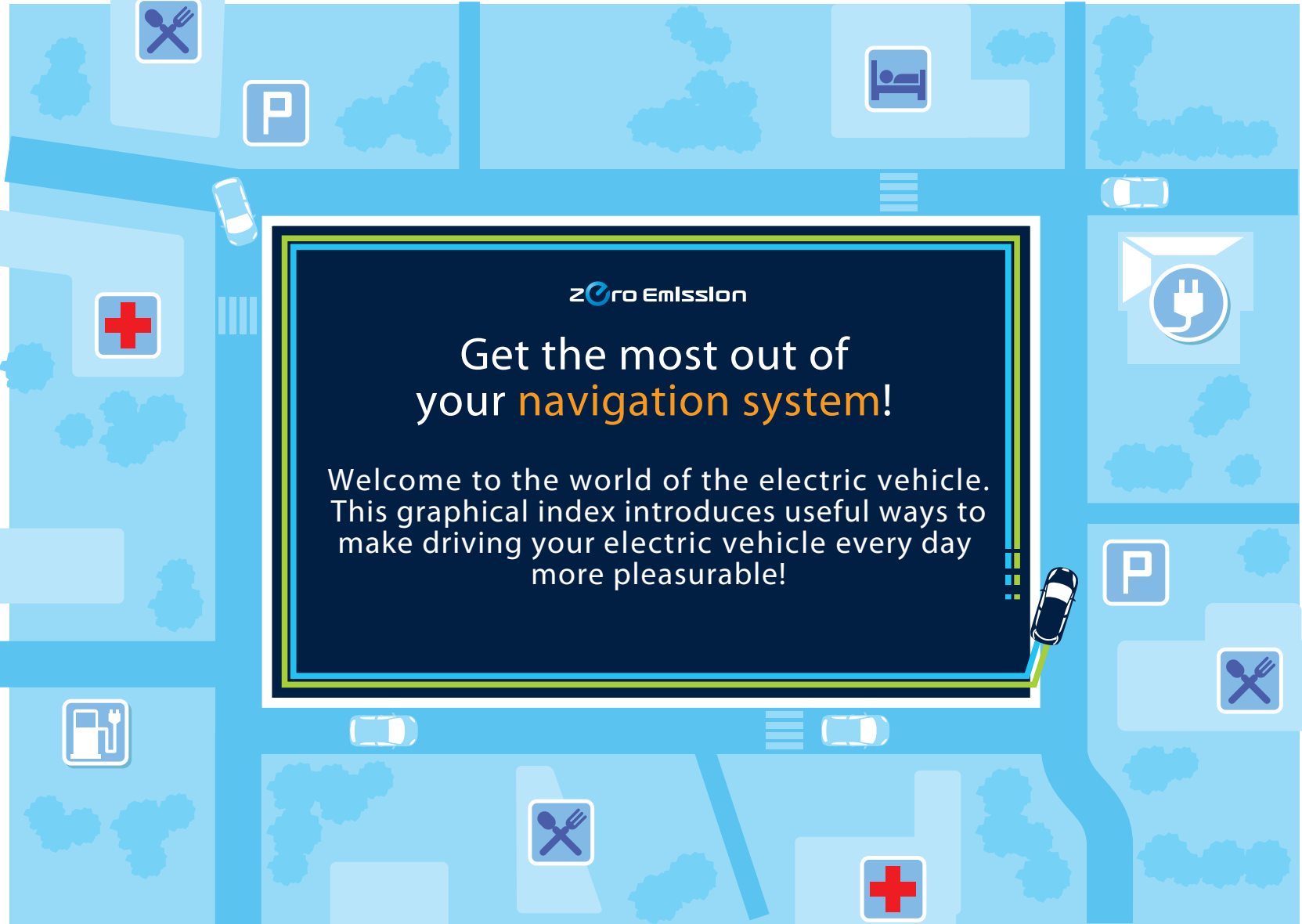
NISSAN CONNECT EV

ZNAVI-EN9



NISSAN CONNECT EV

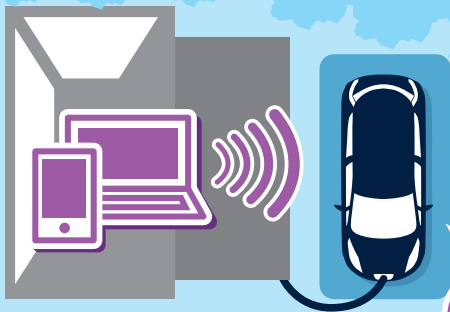
OWNER'S MANUAL



zero Emission

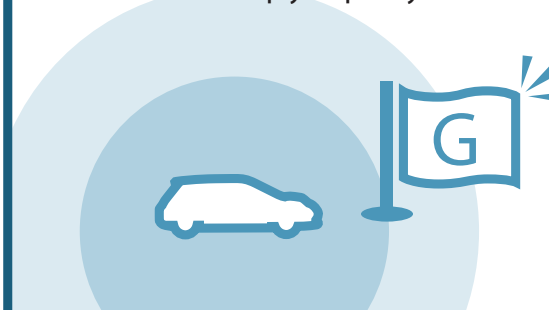
Get the most out of your **navigation system!**

Welcome to the world of the electric vehicle.
This graphical index introduces useful ways to
make driving your electric vehicle every day
more pleasurable!



Check the driving range
and set your destination

You can easily check on the map
approximately how far you can drive with
the current level of battery charge. Use this
information to help you plan your route.



DISPLAYING ESTIMATED DRIVING RANGE

SETTING DESTINATION



Make driving more pleasurable
with the CARWINGS service

By connecting to the NISSAN CARWINGS Data Centre, you can use your personal computer or internet-enabled smart phone to start battery charging or have the NISSAN CARWINGS Data Centre start climate control operation in advance of your departure, and can also receive notifications by email informing you about the battery charge status and if the charge connector is disconnected.*

CARWINGS

* Requires an active CARWINGS subscription
and the vehicle must be in an area that has
mobile phone coverage.



Useful functions to make driving a pleasure!

Listen to your iPod® on the audio system or make a hands-free phone call with a compatible Bluetooth® mobile phone. (Refer to the list of NISSAN compatible Bluetooth® phones.)



AUDIO SYSTEM

BLUETOOTH® HANDS-FREE
PHONE SYSTEM

Avoid traffic congestion!

By determining which roads are congested in advance, you can avoid an unexpected traffic jam.

VIEWING RDS-TMC INFORMATION



 EV

Charging support and assistance!

If the system determines that the vehicle will not be able to reach the selected destination with the current level of battery charge, it will suggest a detour to a charging station*. Also, if the level of remaining charge is low or if there is a Li-ion battery malfunction, a message will be displayed on the navigation screen when the  low battery charge warning light in the meter illuminates.

BATTERY AND POWER INFORMATION

 EV

Support and information about charging facilities

You can display icons for charging stations on the map as well as detailed information for each station. Information for charging stations can also be updated.*

DISPLAYING CHARGING STATION ICONS ON MAP

VIEWING CHARGING STATION INFORMATION

UPDATING CHARGING STATION INFORMATION

* Requires an active CARWINGS subscription and the vehicle must be in an area that has mobile phone coverage.



What is close by?

You can display icons for restaurants and parking lots etc. on the map and can also search for facilities located near your vehicle.

DISPLAYING MAP ICONS

FINDING NEARBY POINTS OF INTEREST



Make good use of the timer!

Before you set off on a journey, you can make the environment inside the vehicle more comfortable while the battery is charging. Pre-cooling/heating helps reduce power consumption while driving and helps extend vehicle range.*

SETTING TIMER CHARGE

SETTING CLIMATE CTRL. TIMER

Foreword

Thank you for purchasing a NISSAN vehicle.

This user's manual is for NissanConnect with Navigation and electric vehicle offered in your NISSAN vehicle.

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

- Electric vehicle-specific functions
- Audio
- Hands-Free Phone
- NissanConnect EV
- Navigation
- Voice recognition
- Information and settings viewable on the system

Please read this manual carefully to ensure safe operation of NissanConnect with Navigation and electric vehicle.

- 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.

NISSANConnect EV helpdesk contact information

For assistance or inquiries about the NISSANConnect EV service, contact the NISSANConnect EV helpdesk:

Country:	Phone number:	E-mail address:
Austria	0800 210 025	austria@nissan-services.eu
Belgium	B: 0800 17 311 L: 080026180	beluxfr@nissan-services.eu
Bulgaria	—*	—*
Croatia	—*	—*
Cyprus	+35722418402	gmichael@pilakoutasgroup.com.cy
Czech republic	800232323	czechrep@nissan-services.eu
Denmark	+45 70 14 01 47	denmark@nissan-services.eu
Estonia/(Baltics)	+372 606 4070	estonia@nissan-services.eu
Finland	(+358) 107705222	finland@nissan-services.eu
France	0805 11 22 33	france@nissan-services.eu
French Guyana	—*	—*
Germany	0800 35 57 355	germany@nissan-services.eu
Greece	—*	—*
Guadeloupe	+590 (0) 590252642	s.beauzor@soguava.com
Hungary	80333888	hungary@nissan-services.eu
Iceland	+345 525 8000	bl@bl.is
Israel	—*	—*
Ireland	442 079 792 337	sales@nissan.ie
Italy	800.105.800	italy@nissan-services.eu

*: Please contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

Country:	Phone number:	E-mail address:
Latvia	+372 606 4071	latvia@nissan-services.eu
Lithuania	8 800 30725	lithuania@nissan-services.eu
Luxembourg	B: 0800 17 311 L: 080026180	beluxfr@nissan-services.eu
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Norway	+47 815 21 310	norway@nissan-services.eu
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Portugal	800200000	Portugal@nissan-services.eu
Reunion	+ (262) 262 98 00 00	leaf@nissan.re
Romania	—*	—*
Slovakia	0800112020	slovakia@nissan-services.eu
Slovenia	—*	—*
Spain	900118119	spain@nissan-services.eu
Sweden	+46 8 5010 3000	sweden@nissan-services.eu
Switzerland	0800 860 700	switzerland@nissan-services.eu
United Kingdom	03301231231	gb@nissan-services.eu

*: Please contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.



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0 Introduction

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HOW TO USE THIS MANUAL

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

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

FOR SAFE OPERATION

WARNING

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

CAUTION

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



NOTE:

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

REFERENCE SYMBOLS



INFO:

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



Reference page:

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

< >:

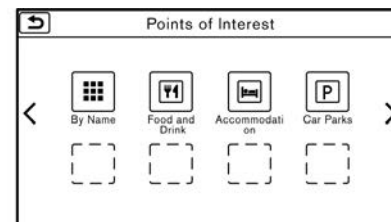
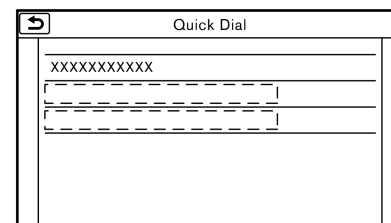
Indicates a button on the control panel.

[]:

This indicates a key/item displayed on the screen.

SCREEN ILLUSTRATIONS

- The illustrations in this manual are representatives of various models and may not be identical with the design and specifications of your vehicle.
- Icons and menu items displayed on the screen may be abbreviated or omitted from the screen illustrations when appropriate. The omitted icons and menu items are described as dotted lines as illustrated.



SAFETY INFORMATION

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

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

WARNING

- To operate the system, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.
- Exercise extreme caution at all times so full attention may be given to vehicle operation. If the system doesn't respond immediately, please be patient and keep your eyes on the road. Inattentive driving may lead to a crash resulting in serious injuries or death.
- Do not rely on route guidance alone. Always be sure that all driving manoeuvres 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 contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle 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 READY to drive indicator light OFF. Doing so may discharge the 12-volt battery. When you use the navigation system, always make sure the

READY to drive indicator light is ON. NissanConnect electric vehicle services may not be available in some regions.

- Completing the NissanConnect EV registration is necessary to use NissanConnect EV related functions.
- To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smart phone or personal computer, the following conditions must be met:
 - The vehicle must be located in a mobile phone or smart phone coverage area.
 - The internet enabled mobile phone or smart phone must be located in a mobile phone or smart phone coverage area.
 - The computer must be connected to the internet.
 - A mobile phone must be used to communicate with the vehicle.
 - A mobile phone capable of text messaging must be used to receive text messages regarding vehicle charge status.
- When the remote heater and air conditioner is set, the system operates the heater and air conditioner to adjust the in-cabin temperature to a set temperature.
- When the charge connector is disconnected from the vehicle, the heater and air conditioner operate using vehicle Li-ion battery electric power.

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

TRADEMARKS

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Windows Media Player:

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.



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

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



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Google™

Google is a trademark of Google Inc.

REGULATORY INFORMATION

LASER PRODUCT

This NissanConnect with Navigation and electric vehicle is certified as a Class 1 laser product.

WARNING

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

BLUETOOTH® DEVICES

CE statement



Hereby "Clarion Co., Ltd." declares that this AV System is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

MEMO

IT System overview

System features.....	IT-2
Unique electric vehicle functions	IT-2
Telematics service	IT-4

SYSTEM FEATURES

UNIQUE ELECTRIC VEHICLE FUNCTIONS

In addition to the conventional navigation functions, the NissanConnect with Navigation and electric vehicle also offers specific support for driving an Electric Vehicle (EV).

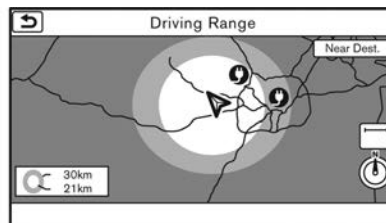
Menus specific to electric vehicle can be accessed from the Zero Emission menu screen.

☞ “Zero Emission menu screen” (page 2-2)

⚠ CAUTION

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

Driving range display



By pushing <  > on the control panel and selecting [Driving Range] from the menu list, you can display the estimated one way range that the vehicle can be driven from the current location based on the amount of remaining Li-ion battery charge. When a destination or a waypoint has been set, the driving area will be displayed with the destination or waypoint in the centre.

☞ “Displaying estimated driving range” (page 2-3)

Charging stations located within the driving area will also be displayed. By moving the map, you can set a charging station as a destination or waypoint.

☞ “Setting a charging station as destination” (page 2-4)

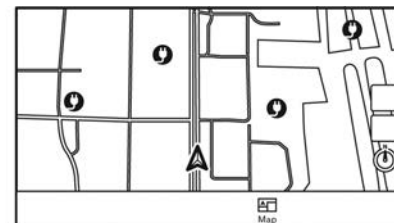
Charging station information

! NOTE:

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

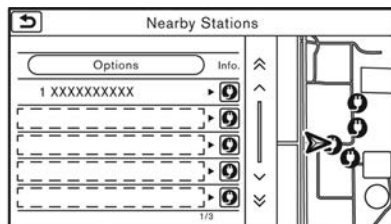
i INFO:

Charging station information around the registered home location is updated monthly to add newly installed charging station locations.



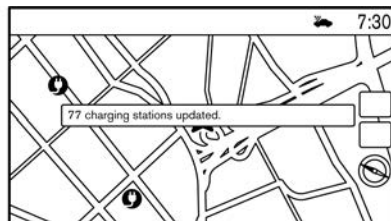
Icons for charging stations can be displayed on the map.

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



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

 “Finding charging station” (page 3-18)



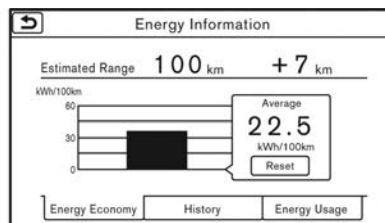
This vehicle is equipped with a TCU (Telematics Control Unit), a communication device that enables communication with the Nissan Data Centre for various telematics services.

 “Telematics service” (page IT-4)

When connecting to the Nissan Data Centre, the system will perform an automatic charging station information update around your home once a month. The system will also automatically update information for charging stations near the current vehicle location when the Li-ion battery charge is low. You can also manually update the charging stations around your current vehicle location at any time.

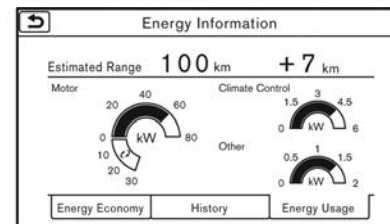
 “Updating charging station information” (page 2-7)

Energy information display



Estimated driving range, average energy economy and instant energy economy are displayed.

 “Viewing energy economy information” (page 2-8)



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

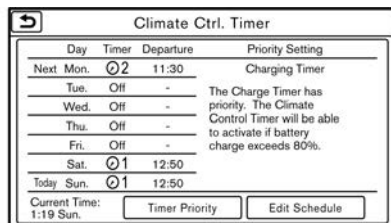
 “Viewing energy usage information” (page 2-9)

Timer functions

Charging Timer			
Day	Timer	Start	End
Mon.	02	07:30	10:30
Tue.	Off	-	-
Wed.	02	07:30	10:30
Thu.	01	05:00	12:30
Fri.	01	05:00	12:30
Sat.	Off	-	-
Today	Sun.	Off	-
Current Time: 8:05 Sun.			
		Estimated Time	Edit Schedule

Charging of the Li-ion battery will automatically start at a scheduled time according to the start time, end time and day of the week set. The timer charge function allows two different timer settings. Each timer charge can be set to activate on a different day of the week. If no timer is set, the charge will start immediately after connecting the charge connector.

 "Setting timer charge" (page 2-10)



Day	Timer	Departure	Priority Setting
Next Mon.	02	11:30	Charging Timer
Tue.	Off	-	The Charge Timer has priority. The Climate Control Timer will be able to activate if battery charge exceeds 80%.
Wed.	Off	-	
Thu.	Off	-	
Fri.	Off	-	
Sat.	01	12:50	
Today Sun.	01	12:50	

Current Time: 1:19 Sun.

Timer Priority Edit Schedule

The timer function pre cools or heats the passenger compartment before starting to drive. Electric power consumption from the Li-ion battery resulting from heater and air conditioner operation can be reduced because the temperature in the passenger compartment is adjusted before starting to drive.

 "Setting Climate Ctrl. Timer" (page 2-11)

TELEMATICS SERVICE

The TCU (Telematics Control Unit) equipped in this vehicle enables the vehicle to use various services (NissanConnect EV) by connecting the vehicle to Nissan Data Centre.



NOTE:

- Completing the NissanConnect EV registration is necessary to use this service. For registering, please visit YOU+Nissan Owners' Portal to activate this service.
- To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smart phone or personal computer, the following conditions must be met:
 - The vehicle must be located in a mobile phone or smart phone coverage area.
 - The internet enabled mobile phone or smart phone must be located in a mobile phone or smart phone coverage area.
 - The computer must be connected to the internet.
 - A mobile phone capable of text messaging must be used to receive text messages regarding vehicle charge status.
- When the remote heater and air conditioner is set, the system operates the heater and air conditioner to adjust the in-cabin temperature to a set temperature.
- When the charge connector is disconnected from the vehicle, the heater and air conditioner operate using vehicle Li-ion battery electric power.
- If the remote heater and air conditioner function and Li-ion battery charging are performed at the same time, Li-ion battery charging will take longer than usual due to the power used to heat or cool the vehicle.
- Certain remote functions require a compatible smart phone, which is not included with vehicle.
- NissanConnect EV information system features are included through a subscription service which requires owner consent to activate. The subscription must be active to use these features.
- NissanConnect EV communications may be received at a verified e-mail address or by SMS/text messaging-enabled mobile phone.
- Standard text rates and/or data usage may apply depending on your carrier.

Remote functions



When an Internet connection is available, you can use a personal computer or an Internet-enabled smart phone to check the Li-ion battery status and operate Li-ion battery charging or the heater/air conditioner remotely from another location.

Li-ion Battery status check:

The status of the Li-ion battery can be checked using your personal computer or a internet enabled smart phone even if you are not in the vehicle. You may also choose to have SMS messages (text messages) sent to a mobile phone.

Unplugged status, Charge status:

By registering frequently used charging stations, notifications can be sent to your personal computer or mobile phone e-mail address to inform you when the charging connector is disconnected or charging is stopped mid-charge at those locations.

Remote charge, Remote climate control:

Remote activation of Li-ion battery charging or climate control can be set using your personal computer or a internet enabled smart phone.

Li-ion battery warmer status (where fitted):

When ambient temperature is low, the Li-ion battery warmer operates automatically.

Notifications will be sent to the e-mail address you have registered on the Nissan Data Centre under the following conditions in order to remind you to connect the charge connector.

- Approximately 5 minutes after the Li-ion battery warmer starts operating while the power switch is in the OFF position and the charge cable is not connected to the vehicle.
- Approximately 5 minutes after the Li-ion battery warmer stops operating due to low remaining Li-ion battery power while the power switch is in the OFF position and the charge cable is not connected to the vehicle.

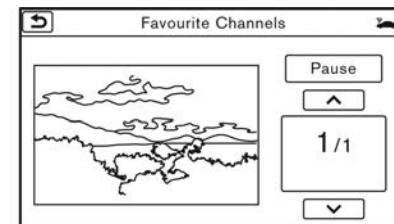


NOTE:

- The remaining Li-ion battery power lowers gradually while the Li-ion battery warmer is operating without connecting the charging connector.
- When the remaining Li-ion battery power lowers, the Li-ion battery warmer stops operating.

When this occurs, the Li-ion battery temperature lowers gradually, and as a result the electric vehicle system may be disabled.

Navigation Telematics (NissanConnect EV)



When the system connects to the Nissan Data Centre, charging station information will be automatically updated and you can receive useful information for driving your vehicle.

Automatic update of charging stations:

The information for the charging stations that is recorded in the map data is automatically updated.

All Information Channels:

Convenient information for driving such as weather and traffic information, ECO information shared with the EV users, etc. is provided.

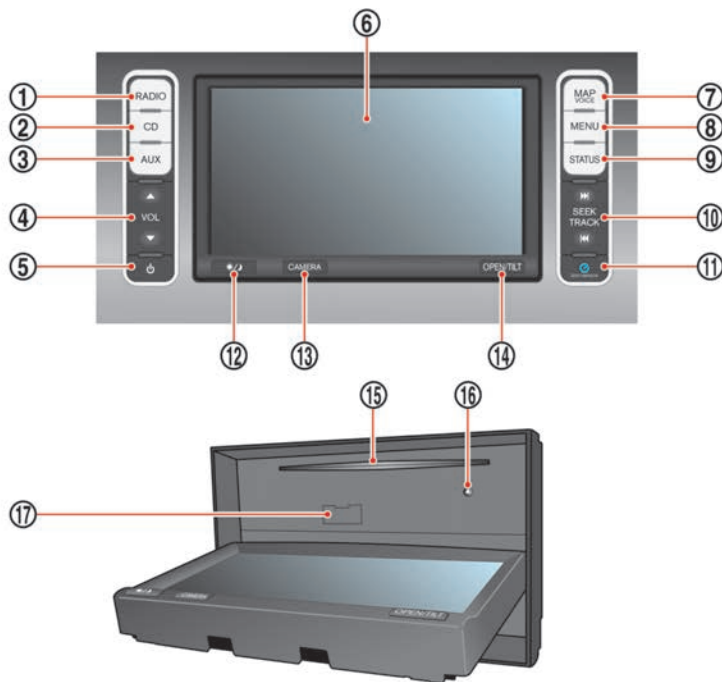
Favourites:

When the information of an Internet site is selected and it is stored in the page that is specially established in the YOU+Nissan Owners' Portal, the information is converted into an appropriate format via the Nissan Data Centre and provided for use in the vehicle. The content of the information is automatically read out. For the registration method of information data, visit the YOU+Nissan Owners' Portal.

1 Getting Started

Control buttons and touch screen display.....	1-2	Adjusting settings	1-10
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CONTROL BUTTONS AND TOUCH SCREEN DISPLAY



CONTROL PANEL

① <RADIO>:

Push to change the radio band to FM, AM and DAB.

"4. Audio system"

② <CD>:

Push to display the CD screen.

"4. Audio system"

③ <AUX>:

Push to display the screen for USB memory/iPod, Bluetooth® audio and AUX.

"4. Audio system"

④ <VOL>:

Push to adjust the volume.

⑤ < >:

Push to turn the audio system on or off.

⑥ Touch screen display:

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

"Touch panel operations" (page 1-8)

⑦ <MAP/VOICE>:

Push to display the current location map screen. Push and hold to repeat voice guidance.

"Map operation" (page 3-2)

 "Voice guidance during route guidance"
(page 3-27)

⑧ <MENU>:

Push to display the HOME MENU screen.

 "How to view and operate HOME MENU screen" (page 1-11)

⑨ <STATUS>:

Push to display the current status of the climate control, radio, audio, energy information (driving range and average energy economy) and navigation systems.

 "Displaying status screen" (page 1-8)

⑩ <SEEK TRACK>:

Push to tune the radio and to select/restart tracks. Push and hold to skip to the next/previous available station or to fast-forward or rewind the tracks when listening to music.

 "Audio main buttons" (page 4-10)

⑪ < > (Zero Emission menu button):

Push to display the menu screen where several useful functions for electric vehicle driving are available.

 "Displaying Zero Emission menu screen" (page 1-8)

 "Zero Emission menu screen" (page 2-2)

⑫ < >:

Push to switch between the day (auto) screen (bright) and the night screen (dark). Push and hold to turn off the display. Push again to turn on the display.

 "Display settings" (page 1-13)

⑬ <CAMERA> (where fitted):

Push to switch to the Around View Monitor screen.

See Vehicle Owner's Manual for detail.

⑭ <OPEN/TILT>:

Push to open/close the monitor to access the CD slot and the SD card slot.

 "Opening/Closing monitor" (page 1-4)

When the monitor is closed, push and hold the button to adjust the monitor angle.

 "Adjusting monitor angle" (page 1-4)

⑮ CD slot:

Insert a CD with the label side facing up.

 "Compact Disc (CD) player" (page 4-18)

⑯ < >:

Push to eject a CD.

 "Compact Disc (CD) player" (page 4-18)

⑰ SD card slot:

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

 "Map data" (page 9-8)



NOTE:

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



INFO:

- Never remove the SD card while the monitor is opening or closing or the angle of the monitor is being adjusted. Doing so may damage or deform the SD card.
- Never insert foreign objects such as coins into the SD card slot. Doing so may result in a malfunction of the device.
- Be careful not to drop the cover for the SD card slot into the gap of the monitor. Doing so may result in a malfunction of the device.

- Do not apply overload to the SD card when inserting it into the slot. Doing so may result in a malfunction of the device.
- The SD card may be hot when it is removed from the device. This does not indicate a malfunction.

Opening/Closing monitor



Open the monitor to insert/eject a CD or an SD card.

⚠ CAUTION

- Be careful not to pinch your hand or fingers while the monitor is moving to its open or closed position. This may cause injury to your hand or fingers.
- Do not force the monitor to open or close. Doing so may damage the monitor.

When **<OPEN/TILT>** is pushed while the monitor is closed, the monitor will open. When **<OPEN/TILT>** is pushed while the monitor is open, the monitor will close.

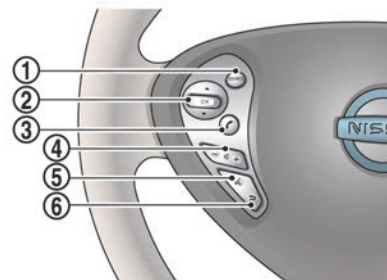
Adjusting monitor angle



The angle of the monitor can be adjusted to select from 3 different angles. Once the angle of the monitor is selected and memorised in the system, the selected angle is always set after performing the open/close operation of the monitor.

Push and hold **<OPEN/TILT>** until a chime sounds. When the button is released, the next preset angle will be selected. Continue this procedure until the preferred angle is obtained.

STEERING WHEEL SWITCHES



① **<SOURCE>**:

Push to change the audio source to the available mode.

 "Selecting audio source" (page 4-11)

② **< ▲ >/< ▼ >, <OK>**:

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

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

 "Steering wheel mounted audio control buttons" (page 4-11)

③ **<☎>**:

Push to display the hands-free phone operation screen.

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

 "7. Hands-Free Phone"

④ < -  + > (Volume control):

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

⑤ <  > (TALK):

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

 "8. Voice recognition"

⑥ <  >:

When operating the voice recognition system, push to return to the previous screen. Push and hold to end the voice recognition session.

 "8. Voice recognition"

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

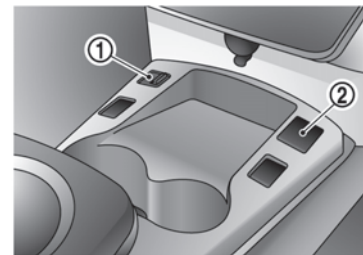
WARNING

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

CAUTION

- Do not force the USB device into the USB connection port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into the USB connection port.
- Do not grab the USB connection port cover (where fitted) 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 a USB connection port and an AUX input jack. When connected, the in-vehicle audio system can play audio contents from the compatible device.



① USB connection port:

Connect to play an iPod, an iPhone or a USB memory.

② Auxiliary input jack:

Connect an audio player that accepts a 3.5 mm (1/8 in) TRS connector (such as an MP3 player etc.) to play back music.



INFO:

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

STARTING SYSTEM

START-UP SCREEN



1. The system starts when the power switch is pushed to the ACC or ON position. The start-up screen is displayed.
2. Check the message that is displayed on the screen and touch [OK].

Subject to the selected items, a different indication may be displayed at subsequent times. The set-up screen will be displayed again after a given period of time.



INFO:

Transmission of data:

When the navigation system is being used, data will be sent to the Nissan Data Centre under the following conditions.

- Data will be sent at the same time that the NissanConnect EV is being used.

- Data will be sent automatically when the power switch is placed in the ACC or ON position.

Use the following procedures to turn off transmission of data.

- Touch [Decline] at the start-up screen. However, be aware that by touching [Decline], you will not be able to use some of the functions such as navigation or the NissanConnect EV services.
- If you cancel your membership of the NissanConnect EV, data will no longer be sent. However, be aware that you will no longer be able to use the NissanConnect EV services.

When the TCU (Telematics Control Unit) is using the function that connects with the Nissan Data Centre, data will be sent to the Nissan Data Centre under the following conditions.

- When remote functions are operated via the navigation system owner's home page (remote charging, remote air conditioner function, checking Li-ion battery status)
- When the charge connector disconnected notification or charging stopped notification is set to ON

To set data transmission to OFF, use the following procedures.

 "NissanConnect EV settings" (page 5-13)

- Set all [Email Notifications] to off.
- If you cancel your membership of the NissanConnect EV, data will no longer be sent. However, be aware that you will no longer be able to use the NissanConnect EV services.



NOTE:

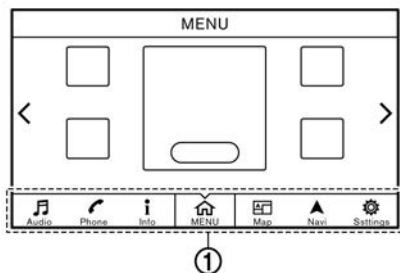
- Setting [Share Vehicle Information] to OFF does not turn off the transmission of data to the Nissan Data Centre.
- If other buttons such as <MAP/VOICE> or <MENU> etc. are pushed without touching [OK] or [Decline], the corresponding screen will be displayed and operations can be performed. However, if the NissanConnect EV menus are selected, the start-up screen will be displayed again.

BASIC OPERATION

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

This manual mainly describes the touch panel operation.

SELECTING MENU FROM LAUNCH BAR



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

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

The following menus are available on the Launch Bar.

- [Audio]
- [Phone]

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

Audio

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

🔧 "Selecting audio source" (page 4-11)

Phone

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



INFO:

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

🔧 "7. Hands-Free Phone"

Info

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

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

🔧 "Information menu" (page 6-2)

MENU

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

The HOME MENU screen consists of 3 pages which can be personalised by displaying preferred Shortcuts/Widgets.

🔧 "How to view and operate HOME MENU screen" (page 1-11)



INFO:

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

Map

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



INFO:

Pushing <MAP/VOICE> will also display the map screen.

🔧 "Displaying current vehicle location" (page 3-2)

Navi

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

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

 “Setting destination” (page 3-15)

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

 “Route menu” (page 3-31)

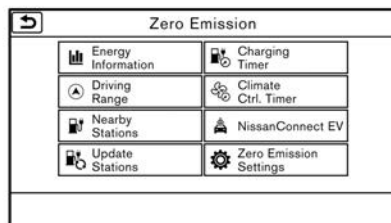
Settings

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

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

 “Setting menu” (page 1-12)

DISPLAYING ZERO EMISSION MENU SCREEN

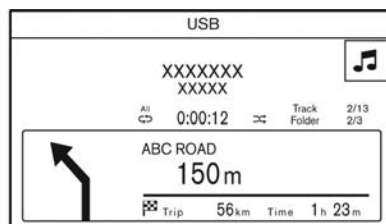


Push  to display the menu screen where several useful functions for electric vehicle driving

can be set. Select a preferred menu and touch an item to be set.

 “Zero Emission menu screen” (page 2-2)

DISPLAYING STATUS SCREEN



Push **<STATUS>** to display the current status of the system.

Audio status is displayed on the upper part of the screen.

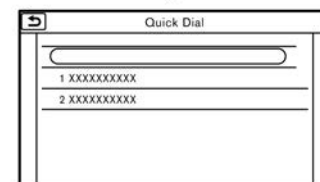
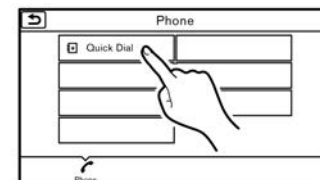
Each time **<STATUS>** is pushed, information displayed on the lower part of the screen switches to display climate control, energy information and navigation route information.

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

TOUCH PANEL OPERATIONS

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

● Touch



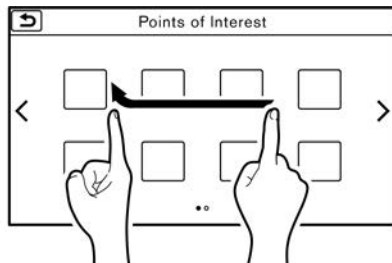
Select a key on the screen to select the item and to display the corresponding screen.



INFO:

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

● Swipe/Flick

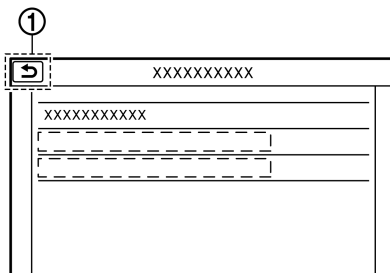


Menu screen pages will skip to the next page when swiped/flicked horizontally.

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

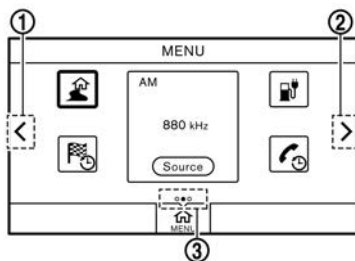
MAIN SCREEN OPERATIONS

● Displaying previous screen



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

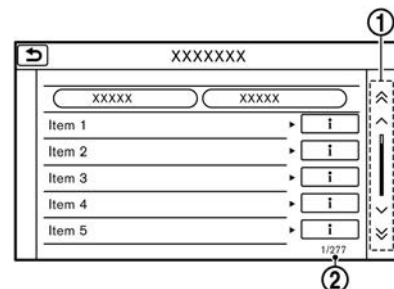
● Horizontal scrolling



- ① Touch [<] to scroll to the previous page.
② Touch [>] to scroll to the next page.

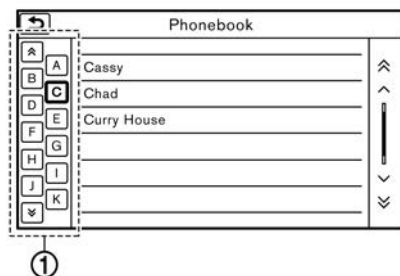
- ③ Indicates the position of the currently displayed page.

● Vertical scrolling



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

- Scrolling list by selecting alphabet

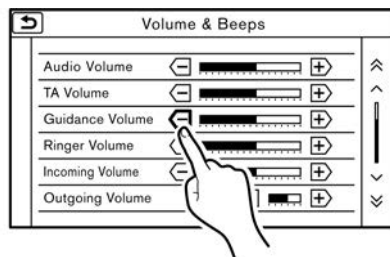


- ① Touch one of the alphabetical keys to scroll the list to the section of the list that begins with the letter selected.

INFO:

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

ADJUSTING SETTINGS



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

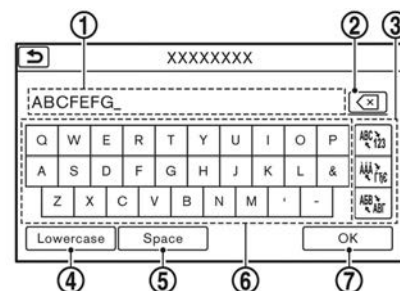
For items with an [ON] indicator, touch the menu item to turn the setting on/off. The indicator light will turn on when the setting is turned on.

HOW TO INPUT LETTERS AND NUMBERS

Basic operations to enter letters and numbers are explained here.

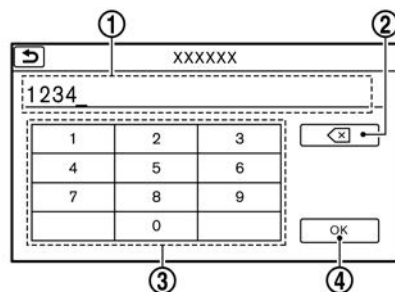
Character and number input screens vary depending on the conditions.

Alphabet input screen



- ① Entered characters are displayed.
- ② Touch to delete the last character entered.
Touch and hold to delete all the characters entered.
- ③ Touch to switch the type of keyboard.
- ④ Touch to switch between the uppercase and lowercase character input screen.
- ⑤ Touch to enter a space.
- ⑥ Touch to enter a character.
- ⑦ Touch to confirm the entry.

Number input screen

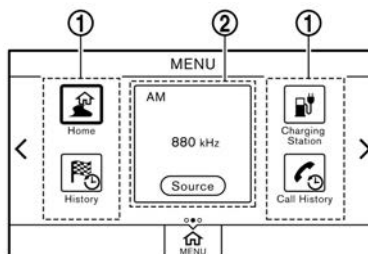


- ① Entered numbers are displayed.
- ② Touch to delete the last number entered.
Touch and hold to delete all the numbers entered.
- ③ Touch to enter a number.
- ④ Touch to confirm the entry.

HOW TO VIEW AND OPERATE HOME MENU SCREEN

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

On the HOME MENU screen which consists of 3 pages, preferred Shortcuts and Widgets can be laid out.



① Shortcut icons

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

② Widget

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



INFO:

The HOME MENU screen can be edited.



"Customising HOME MENU screen" (page 1-11)

Default menus:

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

Shortcuts/Widgets	Content
[Home]	Page 3-20
[Charging Station]	Page 3-18
[History]	Page 3-22
[Call History]	Page 7-3
[Audio Information]	Page 4-2
[AM]	Page 4-14
[FM]	Page 4-14
[DAB]	Page 4-14
[USB/iPod]	Page 4-23, 4-27
[New Address]	Page 3-18
[POI]	Page 3-19
[Address Book]	Page 3-21
[Cancel Route]	Page 3-34
[Edit Menu]	Page 1-11
[Digital Clock]	Digital clock is displayed.

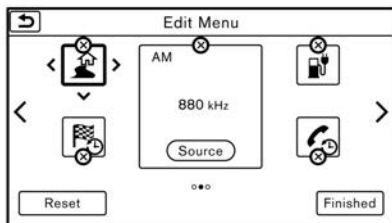


INFO:

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

Customising HOME MENU screen

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



1. Push and hold **<MENU>** or touch and hold [MENU] while the HOME MENU screen is displayed.
2. Edit the Shortcuts and the Widgets on the Edit Home Menu screen.
3. Touch [Finished] to apply the change.

The following editing operations are available.

Moving an item:

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

Adding an item:

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

Available Shortcut categories

- [Audio Source]
- [Hands Free]
- [Information]
- [Navigation]
- [Settings]

Available Widgets

- [Audio Information]
- [Digital Clock]
- [Analog Clock]



INFO:

To add a Widget, 4 open Shortcut spots are needed.

Deleting an item:

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

Setting layout to default:

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



INFO:

- Touching [Settings] on the Launch Bar and touching [Edit Menu] will also display the Edit Home Menu screen.
- Available Shortcuts/Widgets and the default menus on the HOME MENU screen are subject to change without notice.

SYSTEM SETTINGS

The system settings can be changed for convenience.

SETTING MENU

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

Available setting items may vary depending on models and specifications.

Available setting items

Setting item	Result
[Bluetooth]	Displays the Bluetooth® Audio and Phone setting screen. "Bluetooth® settings" (page 1-16)
[Phone]	Displays the Phone setting screen. "Hands-free phone settings" (page 7-5)
[Navigation]	Displays the navigation settings screen. "Navigation settings" (page 3-52)
[Sound]	Displays the audio settings screen. "Audio settings" (page 4-33)
[Display]	Displays the display settings screen. "Display settings" (page 1-13)
[Volume & Beeps]	Displays the volume adjustment screen. "Volume and Beeps settings" (page 1-13)

[Clock]	Displays the clock adjustment screen.  "Clock settings" (page 1-14)
[Edit Menu]	Displays the menu editing screen.  "Customising HOME MENU screen" (page 1-11)
[NissanConnect EV]	Displays the NissanConnect EV settings screen.  "NissanConnect EV settings" (page 5-13)
[Voice Recognition]	Displays the voice recognition system settings screen.  "Voice recognition settings" (page 8-18)
[Camera]	Displays the Camera setting screen. See vehicle Owner's Manual for details of the monitor system.
[Comfort]	Displays Comfort settings screen.  "Comfort settings" (page 1-14)
[Language]	Displays the Language settings screen.  "Language settings" (page 1-13)

DISPLAY SETTINGS

Menu items to adjust display settings are available.

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

Available setting items

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

VOLUME AND BEEPS SETTINGS

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

1. Touch [Settings] on the Launch Bar.

2. Touch [Volume & Beeps].

Available setting items

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

LANGUAGE SETTINGS

This changes the display language used in the system. The language setting will be applied to the touch screen display, voice announcements, and the voice recognition system.

1. Touch [Settings] on the Launch Bar.
2. Touch [Language].
3. Touch [Select Language].
4. Select a preferred language.

**INFO:**

Do not push the power switch while changing the language.

CLOCK SETTINGS

Clock settings of the system can be changed.

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

Available setting items

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

COMFORT SETTINGS

Various settings for comfort and convenience can be changed. Setting can be changed only when the power switch is pushed to the ON position.

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

Available settings items

Available setting items may vary depending on models and specifications. Available items may vary depending on models and specifications.

Setting item	Action
[Auto Interior Illumination]	When this item is turned on, the interior lights will illuminate if any door is unlocked.
[Light Sensitivity]	Adjust the sensitivity of the automatic headlight by touching [+] or [-].
[Selective Door Unlock]	When this item is turned on, only the driver's door is unlocked first after the door unlock operation with the key fob. If the operation is performed again, all doors will unlock. When the door handle request switch on the driver's side door is pushed, only the corresponding (driver's) door is unlocked. All the doors can be unlocked if the door unlock operation is performed with a double push on the door handle request switch. When the door handle request switch on the passenger's side door is pushed, all doors will unlock. When this item is turned to OFF, all the doors will be unlocked after the door unlock operation is performed once.
[Intelligent Key Lock/Unlock]	When this item is turned to ON, door lock/unlock function by pushing the door handle request switch will be activated.
[Return All Settings to Default]	Touch this item and touch [Yes] if you want to return all settings to the default.

CONNECTING BLUETOOTH® DEVICE

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

Connecting mobile phone/audio device

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

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



NOTE:

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



INFO:

- Up to 5 Bluetooth® devices can be connected. If 5 devices are already connected, one of the devices must first be deleted before another device can be connected.



"Bluetooth® settings" (page 1-16)

- The pairing procedure of the mobile phone varies according to each mobile phone. See the mobile phone owner's manual for the details.

Bluetooth® settings

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

1. Touch [Settings] on the Launch Bar.
2. Touch [Bluetooth].
3. Touch a preferred item.

Available setting items

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



INFO:

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

2 Unique electric vehicle functions

Zero Emission menu screen	2-2	Viewing energy economy information	2-8
Displaying estimated driving range and charging station information.....	2-3	Viewing energy economy history	2-8
Displaying estimated driving range	2-3	Viewing energy usage information	2-9
Displaying charging station icons on map.....	2-5	Timer function operation	2-10
Confirming charging station availability	2-6	Setting timer charge	2-10
Updating charging station information	2-7	Setting Climate Ctrl. Timer	2-11
Energy information display	2-8	Unique electric vehicle function settings	2-14
		Li-ion battery and power information	2-16

ZERO EMISSION MENU SCREEN

Push <  > to display the menu that includes useful functions for electric vehicle driving.

Setting items	Action
[Energy Information]	Energy information is displayed on the screen.  "Energy information display" (page 2-8)
[Charging Timer]	The timer charge function can be set.  "Setting timer charge" (page 2-10)
[Driving Range]	The estimated driving area within range, including the current position is displayed on the map screen.  "Displaying estimated driving range" (page 2-3)
[Climate Ctrl. Timer]	The Climate Ctrl. Timer function can be set.  "Setting Climate Ctrl. Timer" (page 2-11)
[Nearby Stations]	Charging station information for the current position area is displayed.  "Finding charging station" (page 3-18)
[NissanConnect EV]	Information channels are displayed and settings for NissanConnect EV can be performed.  "NissanConnect EV menu" (page 5-10)
[Update Stations]	Charging station information is updated through connection to the Nissan Data Centre.  "Updating charging station information" (page 2-7)
[Zero Emission Settings]	Various EV-specific settings can be adjusted from this menu.  "Unique electric vehicle function settings" (page 2-14)



NOTE:

- Completing the NissanConnect EV registration is necessary before using this service. Please visit the YOU+Nissan Owners' Portal to register and get more details.
- To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smart phone or personal computer, the following conditions must be met:
 - The vehicle must be located in a mobile phone or smart phone coverage area.
 - The internet enabled mobile phone or smart phone must be located in a mobile phone or smart phone coverage area.
 - The computer must be connected to the internet.
 - A mobile phone must be used to communicate with the vehicle.
 - A mobile phone capable of text messaging must be used to receive text messages regarding vehicle charge status.
- When the remote heater and air conditioner is set, the system operates the heater and air conditioner to adjust the in-cabin temperature to a set temperature.
- When the charge connector is disconnected from the vehicle, the heater and air conditioner operates using vehicle Li-ion battery electric power.

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

DISPLAYING ESTIMATED DRIVING RANGE AND CHARGING STATION INFORMATION

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

CAUTION

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

DISPLAYING ESTIMATED DRIVING RANGE

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



INFO:

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

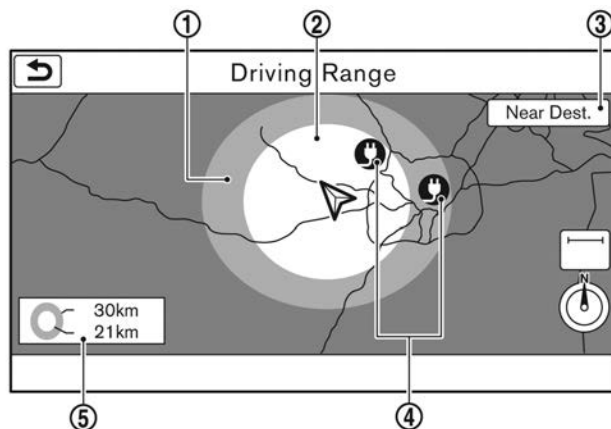
To display the estimated driving range, push <  > and touch [Driving Range].



INFO:

Models with Li-ion battery warmer:

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



How to view driving range screen

- ① The extended estimated driving range is displayed using the possible driving distance on the meter as a radius.
- ② The normal estimated driving range is displayed based on the current charging condition.
- ③ [Near Dest.]:

The estimated driving range around the destination is displayed while setting the route. If some waypoints are set, the nearest waypoint from the current vehicle position is centered on the estimated driving range map.

- ④ Charging station icons:



Normal charge icon



Quick charge icon

- ⑤ The possible driving distance is displayed for each estimated driving range.

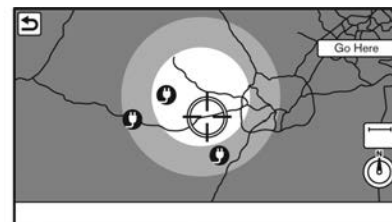


INFO:

When a route is set that includes waypoints, the estimated driving range will be displayed based on the nearest waypoint.

Setting a charging station as destination

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



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



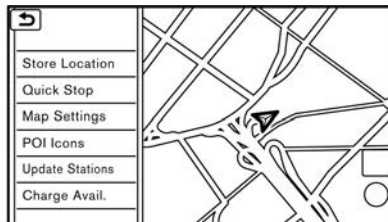
INFO:

- This procedure only allows you to set a destination or waypoint on the driving range screen. The system does not automatically set a desired charging station as a destination or waypoint. When a charging station displayed on the map is set as a destination by moving the map, zoom in the map and set a point as a destination as precisely as possible. If the destination is not set precisely, the system may provide guidance to a location that is not a charging station.
- The driving range is displayed as a numeric value above the destination or waypoint that has been set. The values displayed here are approximate and should only be used as a guide.
- If setting a destination when the Li-ion battery power level may be insufficient to reach the set destination, the information for charging stations is displayed, allowing you to set a charging station as the destination.

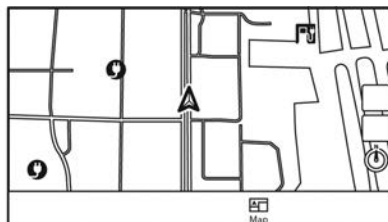
DISPLAYING CHARGING STATION ICONS ON MAP

The charging station icons are displayed on the map screen. There are two types of icons: quick charge and normal charge.

1. Touch  while the current location map screen is displayed.



2. Touch [POI Icons]. A list of POI icon types is displayed.
3. Touch [Charging Station]. The indicator illuminates when the item is set.



4. Push <MAP/VOICE> to return to the current location map screen. The charging station icons are displayed on the map.



Normal charge icon



Quick charge icon



INFO:

When the cross pointer is placed on a charging station icon on the map, a pop-up screen will appear.

- Touch [Go Here] to set the location as a destination.
- Touch [POI Info.] to display charging station information.

Other settings

The charging station icon can be also set by performing the following procedure.

1. Push <  > and touch [Zero Emission Settings].
2. Touch [Show Charging Stations on Map].

or

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [POI Icons].
4. Touch [Charging Station]. The indicator light turns on.



INFO:

- Setting can be changed to display normal charge station icons only or to display both the normal charge and quick charge station icons on the map. To display normal charge station icons only, turn off the quick charge station setting from the [Charging Station Search Options] menu.



"Unique electric vehicle function settings" (page 2-14)

- The POI icons are not displayed on the map screen when the map scale is set to 500 m (1/4 mile) or higher in the 2D map and the Birdview™ map.
- Settings of the charging station icons registered in the address book cannot be changed with this procedure.



"Unique electric vehicle function settings" (page 2-14)

CONFIRMING CHARGING STATION AVAILABILITY

It is possible to confirm the availability of charging stations via the Nissan Data Centre. This allows you to reduce the time spent waiting to charge.

Viewing from Zero Emission menu screen

1. Push <  > and touch [NissanConnect EV].
2. Touch [Charging Availability].
3. Select the area for charging station search.

- [Near Current Location]:

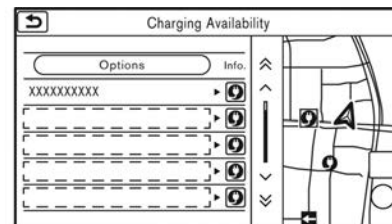
Displays a list of charging stations that are near the current vehicle location.

- [Near Destination]:

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

- [Near Scroll Position]:

Displays a list of charging stations that are near the cursor when the map has been moved.



4. A list screen is displayed. Confirm the charging station information from the list. Full/vacant information of charging station is indicated by icon colour.

Icons	Charging station type	Availability
	Normal charge icon	Green: Fully vacant Red: Full Grey: No information or unclear
	Quick charge icon	
	Normal charge icon	Closed or out of service
	Quick charge icon	
	Normal charge icon	No information
	Quick charge icon	



INFO:

Touch [Options] to select types of charging stations you wish to include in the searched location list. After selecting the preferred item, touch [OK] to confirm.

Available items:

- [Open 24 hours]:
Shows charging stations that are open 24 hours.
- [Show Available Charging Stations]:
Show all charging stations that are available.

- [Select Charge Type]:

Select charger types from the list.

Viewing from map menu

Charging station information can also be obtained from map menu.

1. Touch  while the current location map screen is displayed and then touch [Charge Avail.].
2. The system connects to Nissan Data Centre, and a list of search results will be displayed.

UPDATING CHARGING STATION INFORMATION

An active NissanConnect EV subscription is required to update charging station information.

Information about the charging stations that are located around the current position, destination and your home is updated through connection to the Nissan Data Centre.

While the vehicle is connecting to the Nissan Data Centre, information related to charging stations in the area around your home will be automatically updated. Also, when the driving range is restricted, information related to charging stations in the area near the current vehicle location will also be automatically updated.



"Unique electric vehicle function settings" (page 2-14)

Charging station information for the area around a location set can be updated manually by using the following procedure.

1. Push <  > and touch [Update Stations].
2. Touch the preferred setting item. The system then connects to the Nissan Data Centre and the update of charging station information will start.

Available settings

- [Near Current Location]:

Charging station information for the area around the current position is updated.

- [Near Destination]:

Charging station information for the area around the destination is updated.

- [Near Home]:

Charging station information for the area around your home is updated. Registration of your home in the Address Book is necessary before using this item.



"Storing home location" (page 3-44)

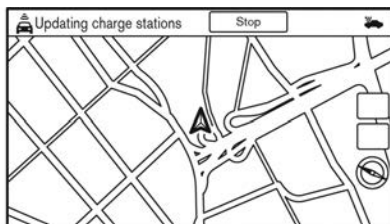
- [Select from Map]:

Charging station information for the area where the cross pointer is placed by scrolling the map is updated.

3. When the update is completed, a message is displayed.



INFO:



- When [Stop] is touched while updating information, connection to the Nissan Data Centre is disconnected.
- If communication with the Nissan Data Centre is disconnected due to poor signal reception, a message will be displayed. Touch [Yes] to re-start the download.

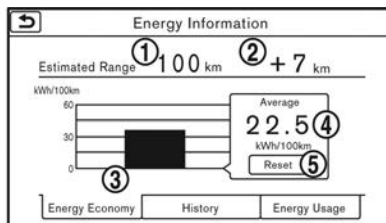
ENERGY INFORMATION DISPLAY

Energy economy and energy usage information are displayed.

VIEWING ENERGY ECONOMY INFORMATION

Estimated driving range, average energy economy and instant energy economy are displayed.

1. Push <  > and touch [Energy Information].
2. Touch [Energy Economy].



- ① Estimated Range:

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

- ② Variable distance:

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

- ③ Instant:

The power consumption per 100 km (62 mile) drive is displayed.

- ④ Average:

The average energy economy from the previous to the next resets is displayed.

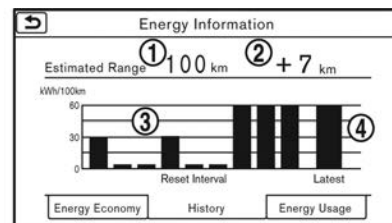
- ⑤ [Reset]:

Touch [Reset] to reset the average energy economy. After resetting the average energy economy, it is stored in the history.

VIEWING ENERGY ECONOMY HISTORY

The previous 10 histories of the average energy economy are displayed.

1. Push <  > and touch [Energy Information].
2. Touch [History].



① Estimated Range:

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

② Variable distance:

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

③ Reset Interval:

The average energy economy history is displayed along with the average for previous Reset-to-Reset period.

④ Latest:

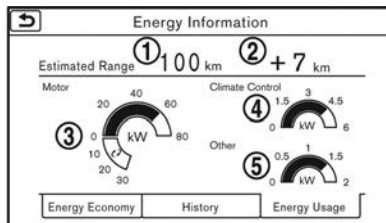
The latest average energy economy is displayed.

VIEWING ENERGY USAGE INFORMATION

Estimated driving range and energy usage of various systems are displayed.

1. Push  and touch [Energy Information].

2. Touch [Energy Usage].



⑤ Other:

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

① Estimated Range:

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

② Variable distance:

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

③ Motor:

Energy usage by the motor and regenerated energy are displayed.

④ Climate Control:

Energy usage by the climate control function is displayed.

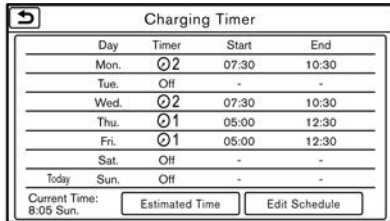
TIMER FUNCTION OPERATION

This function enables the batteries to be charged and the climate control to be turned on automatically at a regular time and day of the week.

SETTING TIMER CHARGE

Use charging timer to schedule when the Li-ion battery charges. You can save two timer settings that include the charging start time and end time. One of the timer settings can be applied to each day of the week. The vehicle automatically begins charging at the scheduled times when the charge connector is connected to the vehicle. The timers do not need to be reset each time the Li-ion battery needs to be charged.

1. Push  and touch [Charging Timer].



Day	Timer	Start	End
Mon.	Q2	07:30	10:30
Tue.	Off	-	-
Wed.	Q2	07:30	10:30
Thu.	Q1	05:00	12:30
Fri.	Q1	05:00	12:30
Sat.	Off	-	-
Sun.	Off	-	-

Current Time:
8:05 Sun.

Estimated Time Edit Schedule



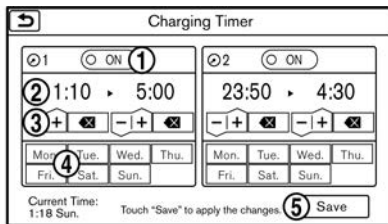
INFO:

Touch [Estimated Time] to view approximate time required to reach 100% charge.

2. Touch [Edit Schedule]. Timer charge setting screen is displayed.
3. Set preferred time and day of the week for vehicle charging.
4. After entering the information, touch [Save]. A confirmation screen is displayed.
5. Touch [OK] to confirm the setting, push the power switch to the OFF position, and then connect the charge connector to the vehicle.

Timer Charge setting screen

Two different timer settings can be registered (one on the left side and another on the right side of the screen).



Charging Timer

Q1 ON ①

② 1:10 ▶ 5:00

③ + - + -

④ Mon. Tue. Wed. Thu. Fri. Sat. Sun.

Q2 ON

23:50 ▶ 4:30

- + - +

Mon. Tue. Wed. Thu. Fri. Sat. Sun.

Current Time:
1:18 Sun.

Touch "Save" to apply the changes. ⑤ Save

- ① Touch to turn on/off the timer. The indicator light will turn on when the timer setting is turned on.
- ② Indicates start/end time of the scheduled timer charge.
- ③ Touch corresponding keys to adjust the time setting.
[-]: Touch, or touch and hold, to decrease the time.
[+]: Touch, or touch and hold, to increase the time.
[X]: Touch to delete the numbers entered in the corresponding column.
- ④ Touch the keys to set the days of the week you wish to start charging.
- ⑤ Touch to save the settings.

Operating tips for timer charge

- Charging timer is performed according to the current time setting on the bottom left of the display. When setting the charging timer function, be sure to check that the current time displayed is correct.
- The Li-ion battery may not be fully charged if the charging timer start time and end time are set such that there is not enough time to charge the Li-ion battery.
- When either the charge start time or charge end time is set, the charging timer function is activated.

- When only the charging timer end time is set, the system automatically determines when to begin charging based on the Li-ion battery charge level. The Li-ion battery may not be fully charged if the charging timer end time is set such that there is not enough time to charge the Li-ion battery.
- When only the charging timer end time is set, the system automatically starts charging so that the Li-ion battery will be fully charged by the set end time. Charging may stop before the scheduled end time but this is not a malfunction.
- To turn off the charging timer function, touch [ON] on the timer charge setting screen until the indicator lights are turned off. Touch [Save] to apply the setting. If the settings shown on the screen are correct, touch [OK]. After this operation has been performed, the charging timer function is turned off. The start and stop time settings are not deleted, even if the charging timer function is turned off.
- If the day of the week is not selected on the timer charge setting screen, the charging timer will not operate on that day. The system will wait until the next set charging time to perform charging.
- The timer setting can be changed while timer charge is in operation. When the setting is changed while timer charge is in operation, the new settings are applied immediately and charge operation stops once. After this, if the power

position is switched to OFF, charge operation starts or enters waiting mode depending on the new timer settings.

- When charging is set as the first priority, the Climate Ctrl. Timer does not start until 10 segments (80%) of the Li-ion battery available charge gauge are illuminated.
- When the climate control is set as the first priority, the Climate Ctrl. Timer will operate when the remaining Li-ion battery power displayed in the meter is 2 segments (15%) or higher.
- The Li-ion battery will not charge when the charge connector is connected to the vehicle until the next scheduled charge start time when the charge timer is active. If necessary, use immediate charge or remote charge to charge the Li-ion battery.
- Some charging stations used to perform normal charge are equipped with timer functions. If the charger timer function and the vehicle timer are both set, and the two timers are not set to operate at the same time, it is possible that the charger will not start or that the Li-ion battery will not be fully charged.
- The Li-ion battery may not be fully charged when the Li-ion battery warmer (where fitted) operates while charging using the Charging Timer.
- Set only the end time for the timer charging when charging in cold weather. The vehicle automatically determines when to start charging to fully charge the Li-ion battery, even if the Li-ion bat-

tery warmer (where fitted) operates. Charging ends before the set end time if the Li-ion battery is fully charged.

SETTING CLIMATE CTRL. TIMER

While the charger is connected to vehicle, this function pre-heats or pre-cools the passenger compartment of the vehicle to the set temperature before driving. This helps reduce power consumption from the Li-ion battery.

 "Unique electric vehicle function settings" (page 2-14)

The Climate Ctrl. Timer operates the air conditioner using power from the charger. Electric power from the Li-ion battery is not used.

The Climate Ctrl. Timer function allows two different timer settings. Each timer charge function can be set to activate on a different day of the week.

Once the Climate Ctrl. Timer is set, it will complete air conditioning by the time that is set. It is not necessary to set the Climate Ctrl. Timer everyday.

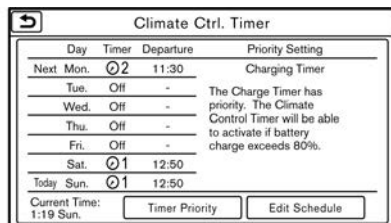
WARNING

Even if the Climate Ctrl. Timer is set, the temperature in the passenger compartment may become high if the system automatically stops. Do not leave children or adults who would normally require the support of others alone in your vehicle. Pets should not be left alone either. On hot, sunny days, tempera-

tures in a closed vehicle could quickly become high enough to cause severe or possibly fatal injuries to people or animals.

Timer settings

1. Push <  > and touch [Climate Ctrl. Timer].



2. Touch [Edit Schedule]. Climate Ctrl. Timer setting screen is displayed.



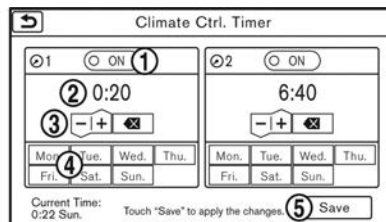
INFO:

Touch [Timer Priority] to set a priority for timer charge function and the Climate Ctrl. Timer function.

3. Set preferred time and day of the week for Climate Ctrl. Timer activation.
4. After entering the information, touch [Save]. A confirmation screen is displayed.

5. Touch [OK] to confirm the setting, push the power switch to the OFF position, and then connect the charge connector to the vehicle.

Climate Ctrl. Timer setting screen



- ① Touch to turn the timer on/off. The indicator light will turn on when the timer setting is turned on.
- ② Shows the set departure time. The climate control system will be activated in order that the vehicle compartment will be cooled/heated to the set temperature and turn itself off by the departure time.
- ③ Touch the corresponding keys to adjust the time setting.
[-]: Touch, or touch and hold, to decrease the time.
[+]: Touch, or touch and hold, to increase the time.
[X]: Touch to delete the numbers entered.

- ④ Touch the keys to set the days of the week you wish to activate the Climate Control system.
- ⑤ Touch to save the setting.

Priority setting between timer charge and Climate Ctrl. Timer

If the timer charge function and the Climate Ctrl. Timer function are in operation at the same time due to an overlap of the timer settings, either function can be set to be preferentially provided with electric power.

1. Push <  > and touch [Climate Ctrl. Timer].
2. Touch [Timer Priority]. Priority setting screen is displayed.
3. Select the preferred setting.

Available settings

Setting item	Result
[Charging Timer]	When charging is set as the first priority, the Climate Ctrl. Timer does not start until 10 segments (80%) of the Li-ion battery available charge gauge are illuminated.
[Clim. Ctrl. Timer]	When the Climate Control is set as the first priority, the Climate Control system will start to operate when the remaining Li-ion battery power displayed in the meter reaches 2 segments (15%) or higher.

Operating tips for using Climate Ctrl. Timer

- Temperature setting for the Climate Ctrl. can be changed from [Timer/Remote - Set Climate Temp].



“Unique electric vehicle function settings” (page 2-14)

- The Climate Ctrl. Timer will only start when the power switch is in the OFF position. Always place the power switch to the OFF position after the Climate Ctrl. Timer is set.
- To turn off the Climate Ctrl. Timer function, touch [ON] until the indicator light turns off. The start and stop time settings will not be deleted even if the Climate Ctrl. Timer function is turned off.
- While the Climate Ctrl. Timer is operating, the Climate Ctrl. Timer indicator and the charging status indicator lights flash. If the Climate Ctrl. Timer is set to activate, the Climate Ctrl. Timer indicator illuminates.
- If the timer charge function and the Climate Ctrl. Timer are in operation at the same time due to an overlap of the timer settings, either function can be set to be preferentially provided with electric power.
- If the Climate Ctrl. Timer starts operating while the vehicle is being charged, the time required for charging will be longer.

- Operating the Climate Ctrl. Timer or remote climate control in an environment where the temperature is low may decrease the rate of Li-ion battery charge.
- Timer setting can also be changed while Climate Ctrl. timer is operated. When the power position is switched to OFF, the air conditioner starts or enters waiting mode depending on the new timer settings.
- When the difference in temperature between the air conditioner setting temperature and the temperature outside the vehicle is large, the temperature inside the vehicle may not be maintained at the setting temperature.
- The charging status indicator lights illuminate in a specific pattern when the Li-ion battery warmer (where fitted) operates. The charging status indicator lights use the same pattern to indicate 12-volt battery charging, Climate Ctrl. Timer operation or Remote Climate Control operation. The charging status indicator lights do not change if the Li-ion battery warmer (where fitted) operates at the same time as the above features.



INFO:

- The temperature in the passenger compartment may not be comfortable if entering the vehicle too soon before or too long after the scheduled time of departure.

- Air conditioning is limited to the capacity of the electric power when the charge connector is connected. Therefore, the temperature may not reach the set temperature due to limitations in air conditioning performance, if ambient temperature is excessively high or low, or if the charge connector is connected to the charge cable.
- The Climate Ctrl. Timer operates the climate control function so that a comfortable temperature is provided in the passenger compartment at the scheduled time of departure. The climate control is set to stop at the scheduled time of departure.

UNIQUE ELECTRIC VEHICLE FUNCTION SETTINGS

Electric vehicle unique function settings can be changed.

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

1. Push <  > and touch [Zero Emission Settings].
2. Touch the item you wish to set.

Setting items		Action
[Warning Messages]	[Display All]	Displays all types of Li-ion battery and power alerts on the navigation screen.
	[Limited Power Notice]	Displays a message on the touch screen display to inform the driver that the power output is restricted for various reasons.  "Limited Power Notice" (page 2-17)
	[Low Battery]	Displays the Low Battery message on the touch screen display to inform the driver that the Li-ion battery charge is low.  "Low Battery" (page 2-16)
	[Charge Recommendation]	Displays a message on the navigation screen to inform the driver that the Li-ion battery should be charged soon. This will be indicated if the estimated driving range is less than the remaining distance to the destination when a route to the destination is set.  "Charge recommendation guidance" (page 2-16)
[Email Notifications]		Sends a notification to a preset e-mail address. This notification includes the charge connector status and the charge completion.  "NissanConnect EV settings" (page 5-13)
[Show Charging Stations on Map]		Displays charging station icons on the map screen.  "Displaying charging station icons on map" (page 2-5)
[Timer/Remote - Set Climate Temp]		Sets the temperature in the passenger compartment for Climate Ctrl. Timer and Remote Climate Control. Enter the preferred temperature and touch [OK] to apply the setting.

[Other Settings]	[Auto Store Charging Stations Used]	If charging station information you have used is not stored in the system, the location will be automatically registered in the Address Book. Turn this setting off if you do not want the charging location to be stored automatically. You can set charging stations that are automatically registered by type. Select from [Quick Charging Stations] and [Normal Charging Stations].
	[Auto Update Charging Stations]	While the vehicle is connecting to the Nissan Data Centre, information related to charging stations near your home will be automatically updated.
	[Charging Station Search Options]	Select charging station search options from a list of charging port/socket types.



INFO:

For vehicles without quick charge capability, NISSAN recommends turning off the quick charging station settings.

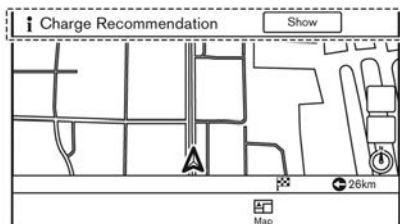
LI-ION BATTERY AND POWER INFORMATION

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

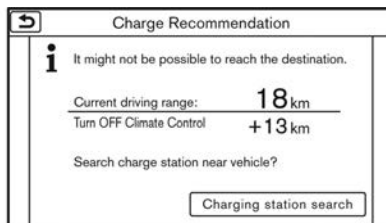
For detail information about the warning/indicator lights, see the Vehicle Owner's Manual.

Charge recommendation guidance

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



1. The notification is displayed on the upper side of the screen. Touch [Show] to display the detailed information screen.



2. The system displays a message screen and announces the contents of the message to recommend Li-ion battery charging. Check the message displayed on the screen.

Touch [Charging station search] to search all charging stations that are located near the current vehicle position.

☞ "Unique electric vehicle function settings" (page 2-14)

3. Touch [↶], touch [Map] on the Launch Bar or push <MAP/VOICE> to return to the current location map screen.



INFO:

- The charge recommendation guidance can be set to off.

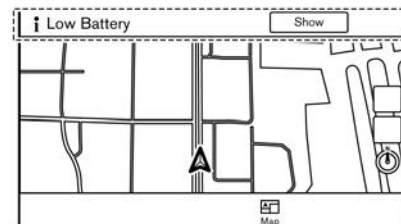


"Unique electric vehicle function settings" (page 2-14)

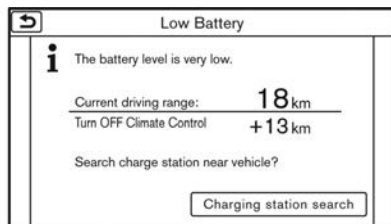
- When the route is changed to avoid a traffic jam or the possible driving distance indicated in the meter is changed, the charge recommendation guidance is displayed again.

Low Battery

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



1. The notification is displayed on the upper side of the screen. Touch [Show] to display the detailed information screen.



2. The system displays a message screen and announces the contents of the message to warn that the Li-ion battery charge is low. Check the message displayed on the screen.

Touch [Charging station search] to search all charging stations that are located near the current vehicle position.

"Finding charging station" (page 3-18)

3. Touch [], touch [Map] on the Launch Bar or push <MAP/VOICE> to return to the current location map screen.



INFO:

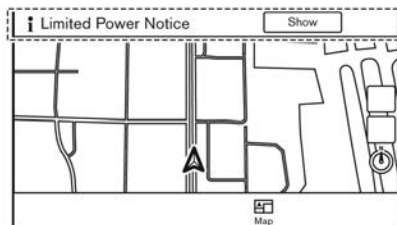
- The Low Battery message display can be turned off.

"Unique electric vehicle function settings" (page 2-14)

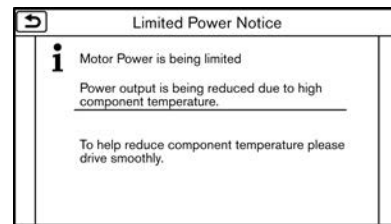
- When the Li-ion battery charge is low, the system automatically obtains charging station information.

Limited Power Notice

When the power limitation indicator light and the master warning light (yellow) illuminate, the system displays a message on the touch screen display that notifies the driver that power output is restricted for various reasons. See Vehicle Owner's Manual for details of the indicator/warning lights.



1. The notification is displayed on the upper side of the screen. Touch [Show] to display the detailed information screen.



2. The system displays a message screen and announces the contents of the message to warn that power output is restricted and inform the driver of the reason for this occurrence and what action is to be taken.
3. Touch [], touch [Map] on the Launch Bar or push <MAP/VOICE> to return to the current location map screen.



INFO:

The Limited Power Notice display can be turned off.

"Unique electric vehicle function settings" (page 2-14)

MEMO

3 Navigation

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SAFETY INFORMATION

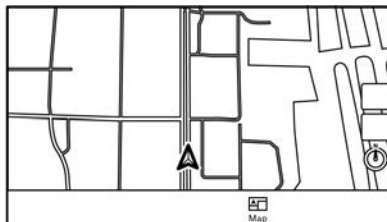
The navigation system is primarily designed to help you reach your destination. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up to date. The system is not a substitute for safe,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

WARNING

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

MAP OPERATION

DISPLAYING CURRENT VEHICLE LOCATION



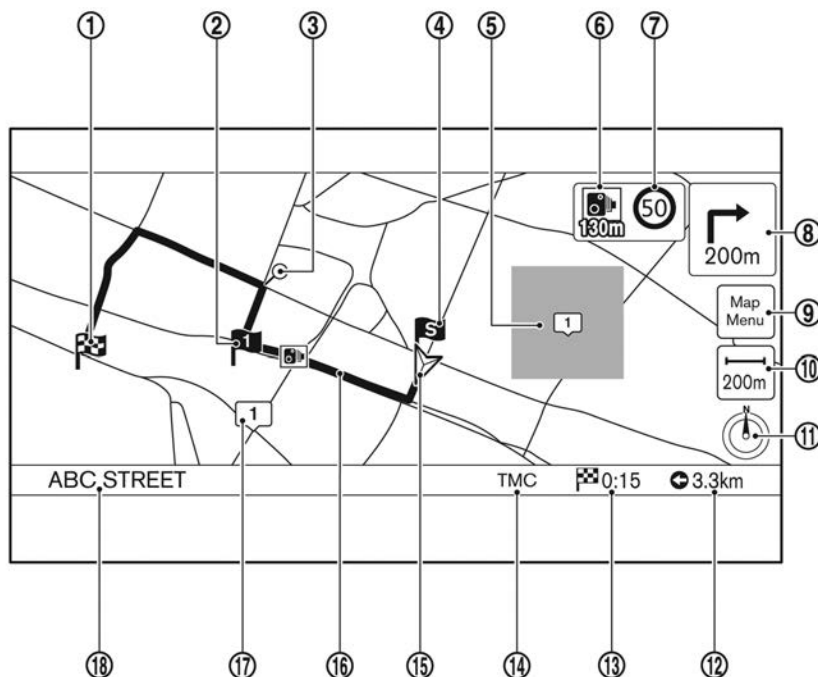
Push <MAP/VOICE> or touch [Map] on the Launch Bar to display the map of current vehicle location.

MAP TYPES

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

2D map

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



Screen information:

- ① Destination:
Indicates the location of the final destination.
- ② Waypoint:
Displays the location of the waypoint the vehicle will stop by before heading to the final destination. A maximum of 5 waypoints can be set.
- ③ Guide point:
Indicates a guide point on the route.
- ④ Starting point:
Displays the vehicle location, with which the route is set, as the starting point.
- ⑤ Avoid area:
Displays the areas to avoid that are stored in the Address Book. Route guidance can be set to avoid the registered avoid areas.
 "Storing avoid area" (page 3-46)
Green: Motorways included
Blue: Motorways not included
- ⑥ Safety camera warning icon:
Indicates the distance to the safety camera.
- ⑦ Speed limit icon:
Displays the speed limit of the road the vehicle is on.

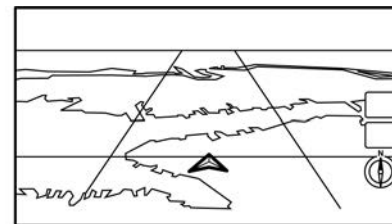
- ⑧  Arrow and distance:
Indicates the distance to the next guide point and the turning direction at that guide point.
- ⑨  Map Menu icon:
Touch the icon to display the Map Menu.
 "Map Menu screen" (page 3-13)
- ⑩  Scale indicator:
Indicates the scale of the map.
Touch the icon to display the scale bar. The map scale can be adjusted using the scale bar.
 "Changing scale of map" (page 3-7)
- ⑪  Direction indicator:
Indicates the directional setting of the map.
 : North always pointing up.
 : Direction of the vehicle heading always pointing up.
Touch the icon to change the map view and the map orientation.
 "Changing map view and map orientation" (page 3-8)
- ⑫ Remaining distance to the destination:
Indicates the approximate remaining distance to the destination or waypoint. This indicator will appear when a destination or waypoint is set and route guidance is started.

- ⑬ Estimated time to the destination:
Indicates the estimated time to the destination or waypoint. This indicator will appear when a destination or waypoint is set and route guidance is started.
 "Guidance settings" (page 3-38)
- ⑭ Traffic indicator:
Indicates the reception condition of the traffic information transmitted from the provider.
When reception condition of the traffic information transmitted from the provider is not good, traffic indicator will be greyed out.
Traffic information is available only in areas where RDS-TMC is broadcast. RDS-TMC information is not available in some regions.
- ⑮  Vehicle icon:
Indicates the current vehicle location and the direction the vehicle is heading.
- ⑯ Suggested route:
Appears in bold blue during route guidance.
- ⑰  Stored location (yellow):
Displays the locations that are stored in the Address Book.
 "Storing location" (page 3-44)
The icons can be changed according to your preferences.

- ⑰ Street name:
Displays the name of the street that the vehicle is currently driving on.

Birdview™ (3D) map

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



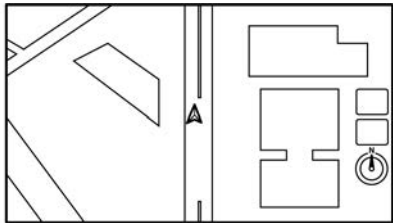
INFO:

Note the following items about the Birdview™ display.

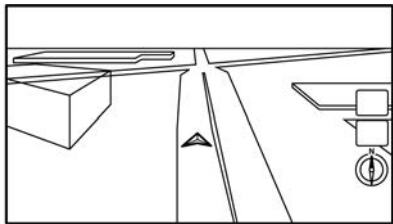
- "Birdview™" is a registered trademark of Clarion Co., Ltd.
- The map in Birdview™ always appears with the current forward direction facing up.

Building graphics

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



Building footprint graphics (2D map)



3D building graphics (Birdview™ map)



INFO:

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

ROAD COLOUR

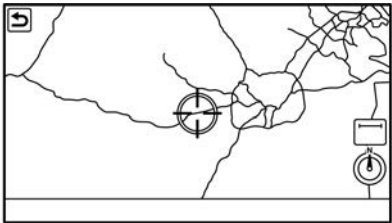
The road types are differentiated by colour.

Road type	Colour
Motorway	Yellow, red line
Main road	Red, orange or yellow
Narrow street	Grey
Road with incomplete map data	Dark

MOVING MAP

Map can be scrolled by touch screen operations. Map scrolling operations are limited and not fully available while driving.

Touch:



2D map:

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

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



INFO:

Touch [Slow] on the map screen to display the 8-directional key for fine adjustments of the location. Touch [Cancel] to cancel the fine adjustment mode.

Birdview™ (3D) map:

Touch the screen. The cross pointer is displayed at the centre of the map. Touching the screen again will scroll the map toward the touched location.

Touch [] or [] to change the direction of the map.

Long touch:

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

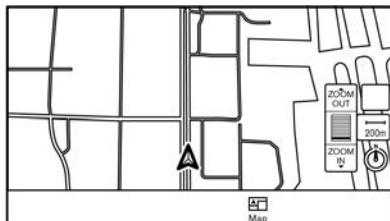
Drag:

Drag the map while the screen is touched.

Swipe/flick:

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

CHANGING SCALE OF MAP



1. Touch [200m].

The scale bar is displayed.

2. Touch [ZOOM IN] or [ZOOM OUT] to change the scale.

Pinch-in



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

Pinch-out



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



INFO:

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

Map scale

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

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



INFO:

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



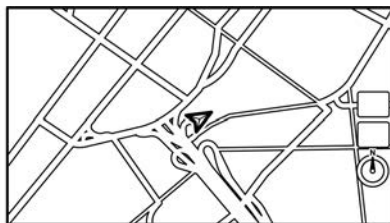
"Traffic information on map" (page 3-43)

CHANGING MAP

Changing map view and map orientation

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

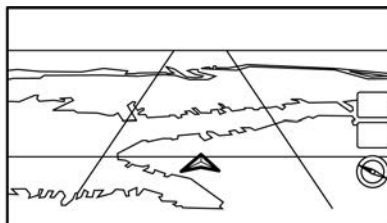
The screen will change to North Up, Heading Up and Birdview™ each time [📍]/[🧭] is touched.



North Up



Heading Up



Birdview™



INFO:

- You can also change the map view from the map view settings screen.



“Map settings” (page 3-10)

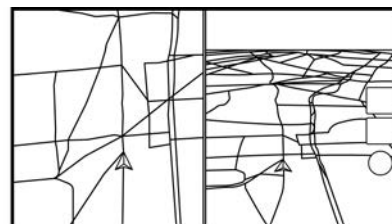
- A long range map is available that displays a wider area in the direction the vehicle is moving in the Heading Up view.



“Map settings” (page 3-10)

Setting split screen

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



1. Touch [Map Menu] on the map screen.
2. Touch [Map Settings].
3. Touch [Map View].
4. Select [2D/2D] or [2D/3D].



INFO:

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



“Map settings” (page 3-10)

MAP SETTINGS

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

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



INFO:

[Map Settings] can also be accessed from [Settings] on the Launch Bar.

 "Navigation settings" (page 3-52)

The following settings are available.

Menu item		Action
[Map View]	[Planview]	Display 2D map.
	[2D/2D]	Display 2D map on both left and right side of the split screen.
	[Birdview]	Display 3D map.
	[2D/3D]	Display 2D map on the left side and 3D map on the right side of the screen.
[Split Screen]	[Junction]	Display the enlarged view of junction on the left side of the screen during route guidance.  "Route guidance on map screen" (page 3-30)
	[Turn List]	Display the turn list on the left screen when a route is set.  "Route guidance on map screen" (page 3-30)
	[Full Map]	Display full map screen.

Menu item			Action
[Map Settings]	[Map Orientation]	[North Up]	Select a map view to be applied to the map screen. [Map Orientation] is available only when 2D map is displayed.
		[Heading Up]	
	[Long Range]		The position of the vehicle icon can be changed to view a wider area in the travelling direction. The vehicle icon is located slightly lower than the centre of the screen. Long Range Map View is available only when the map view is in heading-up mode.
	[Map Colour]		Sets map colour from colour 1 - 4.
	[Map Text Size]	[Large]	Sets the font size of text displayed on the map screen.
		[Medium]	
		[Small]	
	[Birdview Angle]		Adjusts the Birdview™ angle using the adjust bar displayed on the left side of the screen. [Birdview Angle] is available only when 3D map is displayed.
	[Auto North Up Zoom]		When this setting is ON, the orientation of the map is automatically changed to north-up mode when the widest map scale is selected.
	[Text Displayed on Map]	[Place Names]	Allows place names to be displayed on the map screen.
		[Facility Names]	Allows facility names to be displayed on the map screen.
		[Road Names]	Allows road names to be displayed on the map screen.
	[Left Settings]	[Map Orientation]	The map orientation for the left side of split screen can be selected from [North Up] or [Heading Up].
		[Long Range]	Long Range Map View is available only when the left side of split screen is in heading-up mode. With this item turned on, the vehicle position icon on the left screen will be located slightly lower than the centre of the screen so that a wider area in the travelling direction can be viewed.
[Map Scale]		Allows to change the scale of the map displayed on the left side of the split screen.	
[Auto. Show Turn List on Motorway]		The turn list can be set to on or off to be displayed automatically while driving on a motorway.	
[Back to Map]			Back to the current location map.

SETTING INFORMATION ON MAP

Some information on the map can be displayed or hidden.

Displaying POI icons

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

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

Available setting icons

- Charging Station: 
- Restaurant: 
- Service Area: 
- Hotel: 
- Hospital: 



INFO:

- [POI Icons] can also be accessed from  on the map screen.
- The POI icons are not displayed on the map screen when the map scale is set to 500 m (1/4 mile) or wider in the 2D and Birdview™ map.

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

Charging station icons:

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



: Normal charge icon



: Quick charge icon

New charging stations:

When charging station information is updated, the updated charging stations will be displayed as icons with "New" marked by the charging station icon.



Updated normal charge station



Updated quick charge station



INFO:

The "New" indicators are not available when the map scale is in 200 m (1/8 miles) level or wider.

Displaying map scrolling information



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

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

The following information items are available.

- [Address Book Icons]
- [TMC Traffic Icons]
- [Destination/Waypoint Icons]
- [POI Icons]
- [Latitude/Longitude Info.]

When the settings are turned on, placing the cross pointer on the stored location icons, Destination/Waypoint icons, or POI icons will display the information in a pop-up window. The latitude/longitude of any point on the map where the cross pointer is located will be displayed on the bottom left corner of the map screen.



INFO:

When the [Go Here] is displayed on the pop-up window, destination can be set by touching it. Touch [POI Info.] to display the POI information screen.

On the POI information screen, touch [Map] to display the map around the location and touch [Call] to call the selected place if the key is available. When available, touch [Details] to show detailed information of the place.

TRAFFIC INFORMATION ON MAP

Traffic information can be displayed in the areas where it is broadcast.

Traffic congestion indicator:

Lines displayed along the roads indicate locations of traffic congestion. The lines are colour coded as shown below.

Free Flow: Green arrow

Moderate traffic: Yellow arrow

Heavy traffic: Red

Section affected by serious traffic event: Purple

Icons:

The following traffic information icons may be displayed on the map at locations where incidents are detected.



Information



Accident



Broken vehicle



Closed road



Contraflow



Danger



Delay



Fog reduced visibility



Lane restrictions



Major events



Rain



Road surface in poor condition



Roadwork



Slippery road



Snow



Stationary or Queuing Traffic



Vehicle on wrong carriage way



Weather



Wind



Slow and Heavy traffic

If the route has not been set, all of the traffic information icons on the map screen are displayed in red. When the route is set, the icons on the route are displayed in red, and the icons outside the route are displayed in grey. Information icons and forecast information icons are displayed in blue.



INFO:

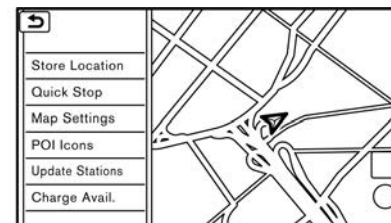
The traffic information icons are not displayed on the map screen when the map scale is set to 16 km (8 miles) or higher.

MAP MENU SCREEN

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

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

Current location map menu screen



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

- [Store Location]:

Stores the current vehicle location in the Address Book.

☞ "Storing location by moving map" (page 3-45)

- [Quick Stop]:

Searches for Points of Interest near the current vehicle location.

☞ "Finding nearby place" (page 3-21)

- [Map Settings]:

Map view settings can be changed.

☞ "Map settings" (page 3-10)

- [POI Icons]:

The POI icons can be displayed or hidden by type.

☞ "Displaying POI icons" (page 3-12)

- [Update Stations]:

Connect to the Nissan Data Centre to update charging station around the current vehicle location.

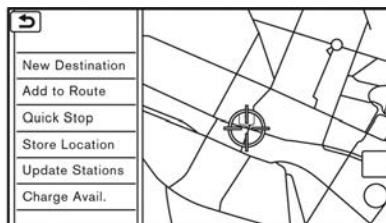
☞ "Updating charging station information" (page 2-7)

- [Charge Avail.]:

Allows the driver to obtain the availability information of charging stations via Nissan Data Centre.

☞ "Confirming charging station availability" (page 2-6)

Scrolled location map screen



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

- [New Destination]:

Sets the map location pointed at by the cross pointer as a new destination.

☞ "Setting point on map" (page 3-24)

- [Add to Route]:

Adds the map location pointed at by the cross pointer as a destination or a waypoint to the route already set.

☞ "Setting destination or waypoint" (page 3-35)

- [Quick Stop]:

Searches for Points of Interest near the map location.

☞ "Finding nearby place" (page 3-21)

- [Store Location]:

Stores the map location pointed at by the cross pointer in the Address Book.

☞ "Storing location by moving map" (page 3-45)

- [Update Stations]:

Connect to the Nissan Data Centre to update charging station around the point of the cursor.

☞ "Updating charging station information" (page 2-7)

- [Charge Avail.]:

Allows the driver to obtain the availability information of charging stations via Nissan Data Centre.

☞ "Confirming charging station availability" (page 2-6)

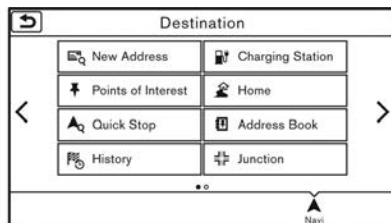
SETTING DESTINATION

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

BASIC OPERATIONS

Displaying destination setting menu

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



Touch [Navi] on the Launch Bar.

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



INFO:

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



"Route menu" (page 3-31)

Available destination setting methods:

Setting item	Action
[New Address]	Searches for a destination by address.  "Finding address" (page 3-18)
[Charging Station]	Searches for charging stations located near the current vehicle location, destination, pointed place on map and city centre. Nearby station availability can also be checked from this menu.  "Finding charging station" (page 3-18)
[Points of Interest]	Searches for a destination from various categories of businesses or locations.  "Finding points of interest" (page 3-19)
[Home]	Searches for a route from the current location to the previously stored home location.  "Setting home as destination" (page 3-20)
[Quick Stop]	Searches for points of interest near the current vehicle location, such as restaurants and charging stations, etc.  "Finding nearby place" (page 3-21)
[Address Book]	Searches for a destination from Address Book.  "Searching from address book" (page 3-21)
[History]	Searches for the destination from the previous destinations and a previous start point.  "Searching from previous destinations" (page 3-22)
[Junction]	Sets a junction as a destination.  "Setting junction" (page 3-22)
[M-way Entrance/Exit]	Sets a motorway entrance/exit as a destination.  "Setting motorway entrance/exit" (page 3-22)
[Stored Routes]	Sets a route from the stored route data.  "Setting from stored routes" (page 3-23)
[Latitude/Longitude]	Sets a destination from latitude and longitude.  "Setting with Latitude/Longitude" (page 3-23)
[Send to Car]	Searches for a destination using Google Maps. This is a feature of NissanConnect EV, and registration to the service is required.  "Setting using Google Maps" (page 3-23)
[Route Planner]	Sets a route plan downloaded from the YOU+Nissan Owners' Portal. This is a feature of NissanConnect EV, and registration to the service is required.  "Setting using Route Planner" (page 3-24)



INFO:

- If the required Li-ion battery power level may be insufficient when the destination is set, the system provides guidance to any available charging stations.
- If setting a destination when the Li-ion battery power level may be insufficient to reach the set destination, the information for charging stations is displayed, allowing you to set a charging station as the destination.
- 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 3-25)

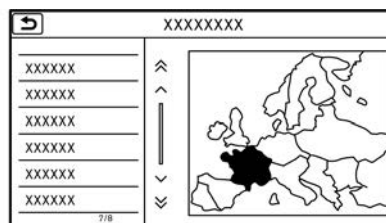
- The destination can be deleted.



"Cancelling Route" (page 3-34)

Specifying country

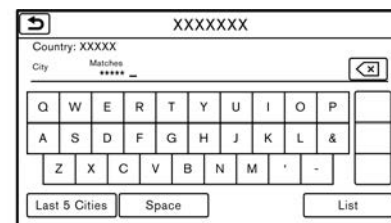
When setting a destination, the location can be narrowed down by specifying the country.



1. Touch [Navi] on the Launch Bar.
2. Touch a preferred search method.
3. Touch [Country].
4. Touch a preferred country from the list.

Specifying city

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



1. Touch [Navi] on the Launch Bar.
2. Touch the desired search method.
3. Touch [City].
4. Enter the name of the province or city and then touch [List]. A list screen is displayed.
5. Touch the preferred city from the list.



INFO:

- Touch [Space] to enter a space between letters.
- Touch [Last 5 Cities] to display the last 5 cities set as destinations.

- In some cases, when a city name has been entered, the number of matching destinations in the “Matches” column may be different from the number displayed on the list screen. If this occurs, enter more characters to further reduce the number of matches.

FINDING ADDRESS

Searches for a destination by address.

1. Touch [Navi] on the Launch Bar.
2. Touch [New Address]. The street address input screen is displayed.

3. Input the street address.
 - Touch [Country] to select a country.
 - Touch [Postcode] to enter a postal code.
 - Touch [City] to enter the city name. If the city name is not available, touch [All Cities].

- Touch [Street] to enter the street name. After finishing the entry, touch [List]. A list of streets is displayed.
- Touch [House #] to enter the house number. If the house number is not available, touch [No House #].

4. Enter the country, postcode, city, street and house number of the destination and then touch [OK]. The route is displayed.

5. Touch [Start] to start route guidance.

FINDING CHARGING STATION

Searches for charging stations.

1. Touch [Navi] on the Launch Bar.
2. Touch [Charging Station]. A list of search conditions is displayed.

Search conditions:

- [Near Current Location]

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

- [Near Destination]

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

- [Near Scroll Position]

Displays a list of charging stations near location where the cross pointer is located on the map.

- [Near City Centre]

Displays a list of charging stations when a city name is entered.

- [Nearby Charging Availability]

Displays a list of charging stations and icons that shows their current availability by connecting to Nissan Data Centre.

 “Confirming charging station availability” (page 2-6)

3. Select preferred search conditions.

4. Select a charging station from the list.

INFO:

- Touch [Options] to select from the following options. Available items may vary depending on certain conditions.

- [Show Along Route]:
Shows charging stations located along the route to destination.
 - [Open 24 hours]:
Shows charging stations that are open 24 hours.
 - [Select Charge Type]:
Show options of charger type.
- Touch [Map] or [Call] on the list to view charging station information. On the information screen, touch [Map] to display the map around the location and touch [Call] to call the selected place if the key is available. When available, touch [Details] to show detail information of the place.
5. Touch [Yes] to confirm the message displayed on the screen.
 6. Touch [Start] to start the route guidance.



NOTE:

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



INFO:

Charging station search menus can also be accessed with the following procedure.

1. Push < >.
2. Touch [Nearby Stations].

FINDING POINTS OF INTEREST

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



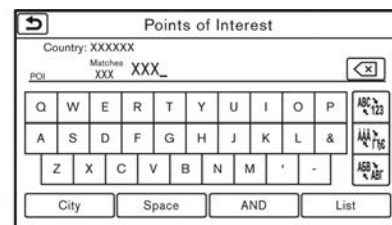
NOTE:

Locations and business hours of facilities are subject to change, which may not be reflected in the map data. Double-check this information before you go to an emergency facility to ensure that you can receive the proper support. Otherwise, you may not receive emergency help when you arrive at the destination.

A confirmation message also appears on the navigation screen. Follow the displayed instructions and check the items required.

Searching for a specific name

1. Touch [Navi] on the Launch Bar.
2. Touch [Points of Interest].
3. Touch [By Name]. A character input screen is displayed.



INFO:

- Touch [City] and touch [Last 5 Cities] to display the last 5 cities recently set as destinations.
 - To search for a POI with multiple words, touch [AND] to enter a space between each word.
 - Touch [Space] to enter a space between letters.
4. Enter the name of the destination facility. After finishing the entry, touch [List]. A list screen is displayed.
 5. Touch the preferred destination facility from the list.

Sorting and filtering:

- [By Distance]:
Shows a list of facilities that are near the current vehicle location.
- [New Category]:
Display the list that summarises the listed names into categories. Select the category to narrow down the search.



INFO:

Touch [i] on the list screen to display the detailed information about the POI that is selected on the touch screen display.

6. A map of the selected place is displayed. Touch [Start] to start route guidance.



INFO:

- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Stored Location, etc.



“Options before starting the route guidance” (page 3-25)

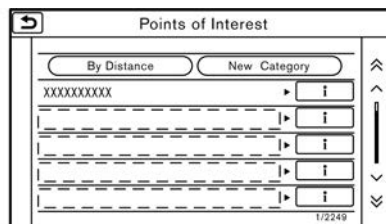
Searching Points of Interest by category

1. Touch [Navi] on the Launch Bar.
2. Touch [Points of Interest]. The main category menu is displayed.
3. Touch the main category. The subcategory list is displayed.

4. Touch the subcategory if necessary. Narrow down condition screen is displayed.
5. Touch the narrow down category and enter information if necessary.

Search conditions:

- [By Name]:
Enter the name of the facility.
- [Select a City]:
Input the city to narrow down the target city.
- [Near Current Location]:
Facilities near the current vehicle location are displayed in a list.
- [Near Destination]:
When the destination is set, this indicates a list of facilities around the destination.



6. Touch the preferred destination facility from the list.

Touch [Start] to start route guidance.



INFO:

- Subcategories may not be displayed depending on the selected main category.
- Touch [i] on the list screen to display the detailed information about the place. Touch [Call] (if available) on the POI information screen to make a phone call.
- Touch [By Distance] to sort the list by the distance. Touch [New Category] to select a different POI category.

SETTING HOME AS DESTINATION

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Home].



INFO:

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



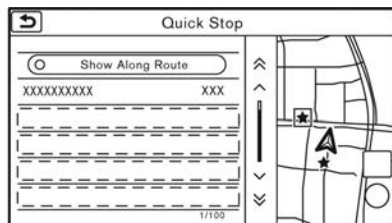
“Storing home location” (page 3-44)

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

FINDING NEARBY PLACE

A facility located near the current vehicle location can be set as the destination.

1. Touch [Navi] on the Launch Bar.
2. Touch [Quick Stop]. The category list is displayed.
3. Select a main category. A list screen is displayed. The type of list screen varies depending on the selected category.



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



INFO:

- If the suggested route is already set, by touching [Show Along Route] on the touch screen display, the system displays only the facilities located along the route.

- When [Charging Station] is selected as a Quick Stop category, [Options] will appear instead of [Show Along Route] providing options to narrow down charging station search results.



"Finding charging station" (page 3-18)

- A maximum of 100 facilities can be displayed on the list screen.

5. Touch [Start] to start route guidance.



INFO:

- Depending on the type of facility, a message asking if you have checked the facility availability (whether it is open, etc.) may be displayed. Touch [Yes] or [No] after reading the message.
- Quick Stop category list can be customised from [Quick Stop Settings].
 "Navigation settings" (page 3-52)
- You can also set the destination by touching [Map Menu] on the map screen and selecting [Quick Stop] from the menu.

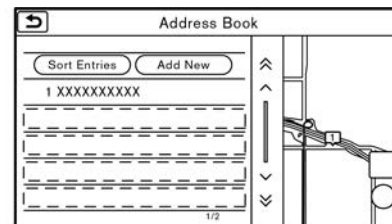
SEARCHING FROM ADDRESS BOOK

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



"Storing location" (page 3-44)

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



3. Touch the preferred location from the list.



INFO:

- Selecting [Sort Entries] displays a list of various sort functions.
 - [By Number]:
The Address Book entries are displayed in ascending numerical order.
 - [By Name]:
The Address Book entries are displayed in alphabetic order.
 - [By Icon]:
By selecting a particular icon, a list that contains only the Address Book entries associated with that icon is displayed.

- [By Group]:

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

- Touch [Add New] to add a new location.

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

SEARCHING FROM PREVIOUS DESTINATIONS

A previous destination and a previous start point can be set as the destination.

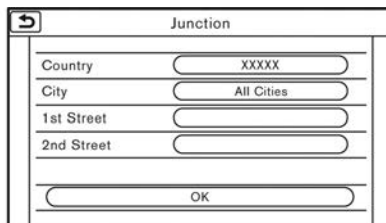
Up to 100 previous destinations will be automatically stored. If the number of previous destinations exceeds 100, the oldest one is automatically deleted and the new destination is added.

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

SETTING JUNCTION

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

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



The 'Junction' screen is a form for setting a junction destination. It has a title bar with a back arrow and the word 'Junction'. Below the title bar are five input fields: 'Country' (with 'XXXXX' as a placeholder), 'City' (with 'All Cities' as a placeholder), '1st Street', '2nd Street', and an 'OK' button at the bottom.

3. Input the junction.

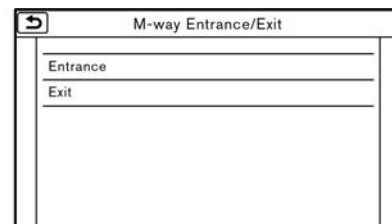
- Touch [Country] to enter the country name if necessary.
- Touch [City] to enter the city name.
- Touch [1st Street] to enter the first street name. After finishing the entry, touch [List]. A list screen is displayed.
- After 1st street information is entered, touch [2nd Street] to enter the second street name. After finishing the entry, touch [List]. A list screen is displayed.

4. After entering junction information, touch [OK].
5. The selected destination is displayed on the map. Touch [Start] to start route guidance.

SETTING MOTORWAY ENTRANCE/EXIT

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

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



The 'M-way Entrance/Exit' screen is a form for setting a motorway entrance or exit destination. It has a title bar with a back arrow and the text 'M-way Entrance/Exit'. Below the title bar are two input fields: 'Entrance' and 'Exit'.

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



INFO:

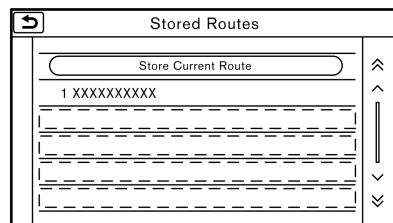
Touch [By Distance] to sort the list by the nearest distance.

7. Touch [Start] to start route guidance.

SETTING FROM STORED ROUTES

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

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



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



INFO:

- The stored route only includes locations (destination and waypoints) and route calculation conditions, not the route itself. Therefore, when the destination is set using a stored route, a different route may be suggested if the current vehicle location is different from the one when the route was stored.
- To store the current route, touch [Store Current Route]. A route can be stored only when it includes one or more waypoints.



“Storing route” (page 3-46)

SETTING WITH LATITUDE/LONGITUDE

A destination can be set by specifying the latitude and longitude of the location.

1. Touch [Navi] on the Launch Bar.

2. Touch [Latitude/Longitude]. A number input screen is displayed.

3. Enter latitude and longitude of the location to be set as a destination and touch [Map].

4. The selected destination is displayed on the map. Touch [Start] to start route guidance.



INFO:

- To switch between entering latitude and longitude, move the cursor by touching [◀] and [▶].
- Touch [Change] to switch the format of the latitude and longitude.
- A message will appear if the selected location is not included in the map area.

SETTING USING GOOGLE MAPS

It is possible to search for a location using Google maps, and to download the information to set the destination via the Nissan Data Centre.

1. Touch [Navi] on the Launch Bar.
2. Touch [Send to Car].
3. Select the preferred destinations from the list. The position of the selected location is displayed in the preview on the right side of the screen.

**INFO:**

Select [Download] to update the list information. The system connects to the Nissan Data Centre and the destination list will be downloaded.

4. The select destination is displayed. Touch [Start] after confirming the location of the displayed destination. The system sets the selected location as the destination and starts calculating a route.

**INFO:**

Refer to the YOU+Nissan Owners' Portal for details on destination setting using Google Maps.

SETTING USING ROUTE PLANNER

It is possible to set a route according to the route plan created in advance at the YOU+Nissan Owners' Portal.

1. Touch [Navi] on the Launch Bar.
2. Touch [Route Planner].
3. Touch a preferred route plan.

**INFO:**

Select [Download] to update the list information.

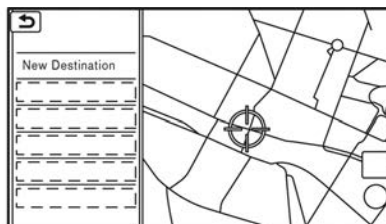
4. Touch [Start] after confirming the location of the displayed.

**INFO:**

Refer to the YOU+Nissan Owners' Portal for details on the Route Planner.

SETTING POINT ON MAP

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



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

**INFO:**

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

2. Touch [New Destination].
3. The entire route is shown on the touch screen display. Touch [Start] to start route guidance.

**INFO:**

If a point on a motorway is set as the destination, a confirmation message may be displayed.

SETTING WITH NISSANCONNECT EV

It is possible to set the destination using the NissanConnect EV features.



"NissanConnect EV menu" (page 5-10)

**INFO:**

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

Setting from information channels

If the downloaded NissanConnect EV information channel has location data, you can set it as a destination. It is also possible to use NissanConnect EV features such as "Send to Car" or "Route Planner", etc. to set a destination.

1. Touch [Info] on the Launch Bar.
2. Touch [NissanConnect EV].
3. Touch [Information Channels]. A list screen is displayed.
4. Touch a preferred folder. A list of information channels is displayed.

5. Touch a preferred information channels.

Refer to the YOU+Nissan Owners' Portal for details on destination setting using NissanConnect EV services.



INFO:

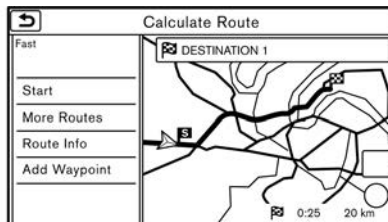
The methods for setting a destination differ depending on the specific service (Roadside Assistance Service, Assisted Search, Destination Download, Connected Search, etc.) and NissanConnect EV may be updated during ownership. Please see the YOU+Nissan Owners' Portal for the latest features and services, as well as the most up-to-date user guide.

OPTIONS BEFORE STARTING THE ROUTE GUIDANCE

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

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

Example 1:



- [Start]:

Starts route guidance to the selected destination.

- [More Routes]:

A route type can be selected by touching the preferred item and then touch [OK].

- [ECO] (green)
Selects a route that is most energy saving.
- [Fast] (purple)
Prioritises the shortest time.
- [Min. M-way] (orange)
Minimises the use of motorways.
- [Short] (pink)
Prioritises the shortest distance.

- [Route Info]:

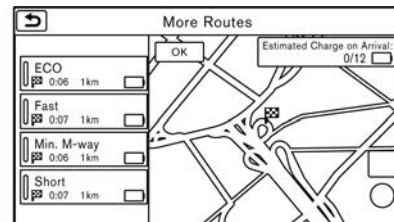
Route Information such as turn list and scrolled map can be displayed. The route can also be saved for future use.

- [Add Waypoint]:

Route can be edited by adding a destination or a waypoint.

- If a waypoint is added, [More Routes] will become unavailable.
- It is possible to edit or add a destination or waypoints to the route that is already set.

"Editing route" (page 3-34)

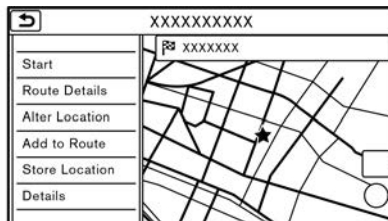




INFO:

- Li-ion battery power information is displayed on the screen after [More Routes] is touched. The remaining Li-ion battery power estimation function cannot be used to confirm condition changes that arise after driving starts. Utilise the function as a reference when selecting driving routes.
- After starting to drive, refer to the driving range on the meter and perform Li-ion battery charging allowing for some leeway.
- In the following instances, the actual Li-ion battery power may differ from the remaining Li-ion battery power estimation.
 - Frequent repetition of sudden acceleration and sudden braking
 - Change of air conditioner operating conditions
 - Change of traffic conditions and driving routes that differ from the one used for the estimation
 - Strong wind, cold, and snow weather conditions
 - Tyres that do not comply with specifications, low air pressure tyres, worn tyres, studless tyres, and others.
 - Decreased capacity of the Li-ion battery
 - Installation of equipment that does not comply with specifications (carriers and others)
- Choosing different route search conditions in [More Routes] may not always generate results search for different routes.

Example 2:



- [Start]:
Starts route guidance to the selected destination.
- [Route Details]:
Displays information of the route and allows the route to be edited.
The menu shown in Example 1 is displayed.
- [Alter Location]:
Displays a map screen and allows the location of the destination to be adjusted.
- [Add to Route]:
Adds a location to the route previously set.
- [Store Location]:
Saves the location in the Address Book.
- [Details]:
Displays detailed information of the destination. Touch [Map] to display the map around the destination. Touch [Call] (when available) to make a phone call to the facility set as a destination.

ROUTE GUIDANCE

ABOUT ROUTE GUIDANCE

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

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

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 9-7)

Voice guidance during route guidance

Basics of voice guidance:

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



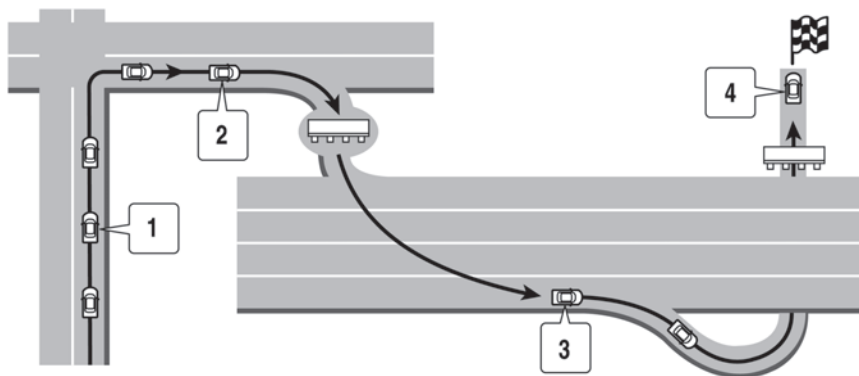
INFO:

- There may be some cases in which voice guidance and actual road conditions do not correspond. This may occur because of discrepan-

cies between the actual road and the information on the map data, or may also be due to the vehicle speed.

- In case voice guidance does not correspond to the actual road conditions, follow the information obtained from traffic signs or notices on the road.
- Route guidance provided by the navigation system does not take carpool lane driving into consideration, especially when carpool lanes are separated from other road lanes.
- The system will announce street names only when available in the selected language setting.
- When approaching a guide point (junction or corner), destination, etc. during route guidance, voice guidance announces the remaining distance and/or turning direction. Push and hold <MAP/VOICE> to repeat voice guidance.
- Voice guidance settings can be changed from [Junction Guidance Settings].

 "Guidance settings" (page 3-38)



Example of voice guidance:

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

"Turn right (left)."

2. "In about 400 metres (a quarter mile) motorway entrance on your right onto (road number and direction)."

"Take the motorway entrance on your right (left)."

3. "In about 2 kilometres (1 mile), take the exit on your right."

"Take the exit on your right."

4. "You have arrived at your destination."

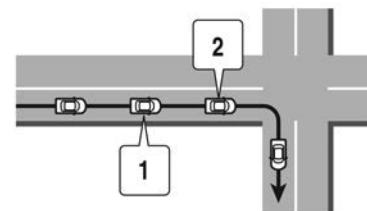
Directions will differ, depending on the road type.



INFO:

Distances may vary, depending on the vehicle speed.

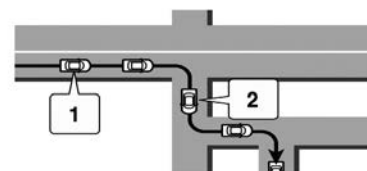
Notification of junction on ordinary road:



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

2. "Turn right (left)."

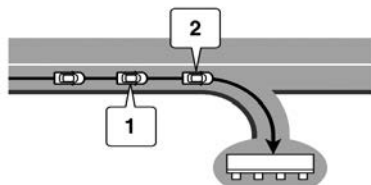
Notification of consecutive junctions on ordinary roads:



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

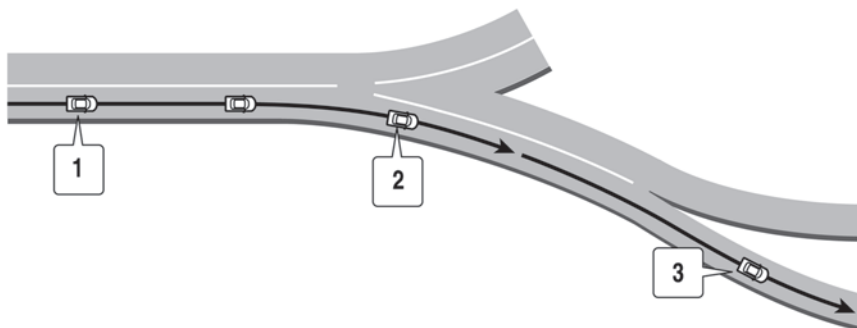
1. "In about 400 metres (a quarter mile), turn right (left), then in about 400 metres (a quarter mile) turn right (left)."
2. "Turn left (right), then in about 400 metres (a quarter mile) turn right (left)."

Notification of motorway entrance:



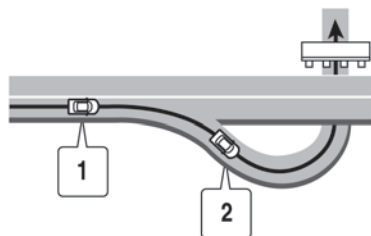
1. "In about 400 metres (a quarter mile), take the motorway entrance on your right (left)."
2. "Take the motorway entrance on your right onto (road number and direction)."

Notification of motorway junction:



1. "In about 2 kilometres (1 mile), keep to the right (left) onto (road number and direction), then in about 400 metres (a quarter mile) keep to the right (left)."
2. "Keep to the right (left) onto (road number and direction), then in about 400 metres (a quarter mile) keep to the right (left) onto (road number and direction)."
3. "Keep to the right (left) onto (road number and direction)."

Notification of motorway exit:



1. "In about 2 kilometres (1 mile), exit on your right."
2. "Take the second exit on your right."

Notification when approaching destination:

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



INFO:

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

Route guidance screens

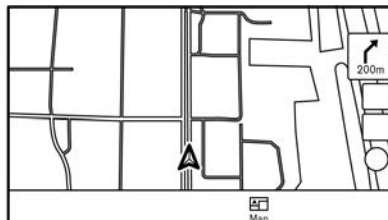
Various guidance screens are displayed on the touch screen display during route guidance.

The settings of the guidance screens can be changed.



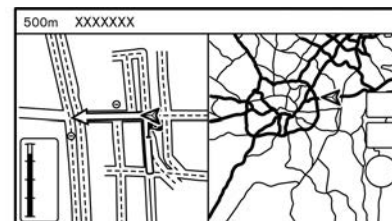
"Map settings" (page 3-10)

Route guidance on map screen:



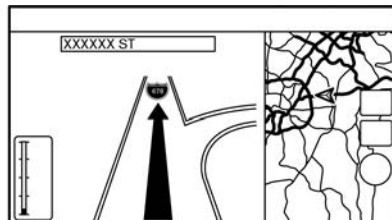
When route guidance starts, the small turn arrow and the distance to the next guide point are displayed in the upper right corner of the map screen. This arrow indicates the turning direction at the next guide point (corner or junction). When approaching a guide point, an enlarged junction view is displayed.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

Enlarged junction view:



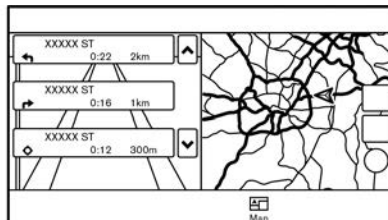
When approaching a guide point, the system automatically changes to the split screen and shows an enlarged view of the junction on the left screen. To switch to the full map screen while the enlarged junction view is displayed, push **<MAP/VOICE>**. The distance to the guide point and the name of the next street to drive on are displayed on the top of the screen.

Junction guidance:



While driving on a motorway, when the vehicle is approximately 2 km (approximately 1 mile) from a junction, the system automatically switches to the split screen and displays an enlarged view of the junction on the left screen. After the vehicle passes the junction, the system automatically returns to the full screen mode. To switch to the full map screen while the enlarged junction view is displayed, push **<MAP/VOICE>**.

Turn list:



When [Turn List] in the view settings menu is turned on, a turn list is displayed on the left side of the screen. To switch to the full map screen, push **<MAP/VOICE>**.

"Map settings" (page 3-10)

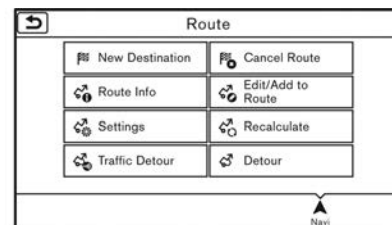
Even when the [Turn List] setting is turned off, the left screen will automatically switch to an enlarged view of the junction only when approaching a guide point.

ROUTE MENU

WARNING

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

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



Touch [Navi] on the Launch Bar.

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

Available settings

Setting item			Action
[New Destination]			Sets the new destination.  “Setting new destination” (page 3-34)
[Cancel Route]			Cancels the current route guidance.
[Route Info]	[Turn List]		Displays the details of the suggested route.
	[Simulation]		Simulates the route guidance. This function provides a detailed image of the route with voice guidance.  “Confirming route” (page 3-34)
	[Store Route]		A calculated route can be stored. A route can be stored only when it includes at least one waypoint.
	[Map]		A map scrolled further will be displayed.
[Edit/Add to Route]			A destination or waypoint can be edited to a route that has already been set.  “Editing route” (page 3-34)
[Settings]	[Guidance Settings]	[Guidance Voice]	Activates or deactivates voice guidance.
		[Guidance Volume]	Adjusts the volume level of voice guidance.
		[TMC Traffic Announcement]	Activates or deactivates the traffic information announcements.
	[Route Calc. Criteria]	[Search Condition]	Set the route search conditions.
		[Detailed Route Settings]	 “Route Settings” (page 3-40)
	[Show Destination]	[Alter Location]	Displays a map screen and allows the location of the destination to be adjusted.
		[Quick Stop]	Search for points of interest near the current vehicle location, such as restaurants and charging stations, etc. The Quick Stop can be set as a waypoint.
		[Store Location]	Save the destination in the Address Book.

[Recalculate]	Manually search for the route again after changing the search conditions etc. and have the system calculate a route.  "Recalculating route" (page 3-37)
[Traffic Detour]	Set the route search condition to detour traffic jam and traffic accident.  "Searching for detour route using traffic information" (page 3-37)
[Detour]	A detour of a specified distance can be calculated.  "Setting detour route" (page 3-38)

SETTING NEW DESTINATION

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

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

 "Setting destination" (page 3-15)



INFO:

You can also set a waypoint with this operation.

CANCELLING ROUTE

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

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



INFO:

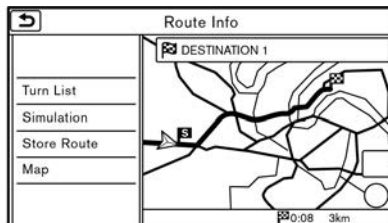
The deleted destination and waypoints cannot be reactivated.

CONFIRMING ROUTE

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

1. Touch [Navi] on the Launch Bar.

2. Touch [Route Info].



3. Touch the preferred item.

Available items

- [Turn List]:
Displays the details of the route guidance.

- [Simulation]:
Simulate the route guidance. This function provides a detailed image of the route with voice guidance.

Touch the following keys for operation.

 : Pauses the simulation.

 : Resumes the simulation.

 : Ends the simulation.

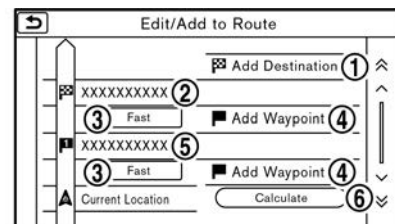
- [Store Route]:

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

- [Map]:

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

EDITING ROUTE



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

Available settings

- ① [Add Destination]:
Touch to add a new destination.
- ② Current destination:
Touch to edit or delete the destination.

 "Editing/deleting destination or waypoint" (page 3-35)

- ③ Condition for calculating a route to the destination/waypoint:

Changes the conditions for route calculation.

 "Changing route calculation conditions" (page 3-36)

- ④ [Add Waypoint]:

Touch to add a waypoint.

 "Setting destination or waypoint" (page 3-35)

- ⑤ Current waypoint:

Modifies or deletes the waypoint.

 "Editing/deleting destination or waypoint" (page 3-35)

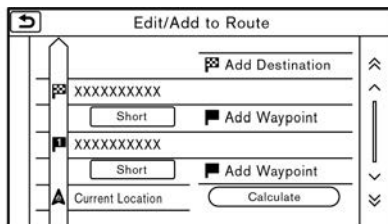
- ⑥ [Calculate]:

After editing the route, the system recalculates a route with new conditions.

Setting destination or waypoint

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Edit/Add to Route].



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

INFO:

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

4. Set a destination or waypoint. The method of searching for a destination or waypoint is the same as the one for a destination (except for [Send to Car] and [Route Planner]).

 "Setting destination" (page 3-15)

5. Touch [Add to Route] to add the location to the route.
6. The route information with the selected location added to the route is displayed. Adjust the route calculation conditions as necessary.

 "Changing route calculation conditions" (page 3-36)

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

INFO:

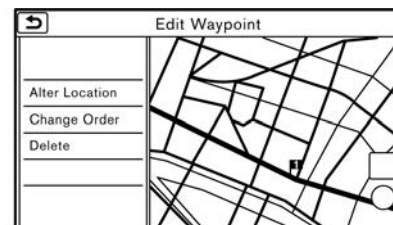
- The prior route will be deleted automatically.
- Destinations or waypoints can also be added from the Map Menu.

 "Scrolled location map screen" (page 3-14)

Editing/deleting destination or waypoint

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

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



4. Touch the item you would like to set.

Available settings

- [Alter Location]:

The location of the destination or waypoint can be adjusted by moving the cross pointer across the map on the touch screen display.

- [Change Order]:

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

- [Delete]:

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

5. Touch [Calculate] to apply the change.

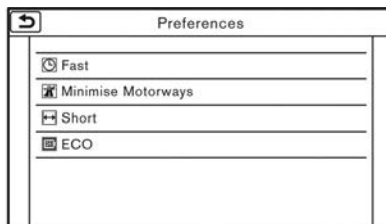


INFO:

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

Changing route calculation conditions

Each section of the route between waypoints can have different route calculation conditions.



1. Touch [Navi] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch the route condition shown on the preferred section of the route to the destination or waypoint.
4. Touch the preferred condition.
 "Route Settings" (page 3-40)
5. The conditions are changed and the display returns to the edit route screen.
6. Touch [Calculate] to apply the change.

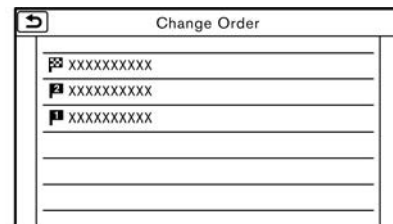


INFO:

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

Changing order of destination and waypoints

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



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

RECALCULATING ROUTE

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

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

 "Options before starting the route guidance" (page 3-25)



INFO:

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

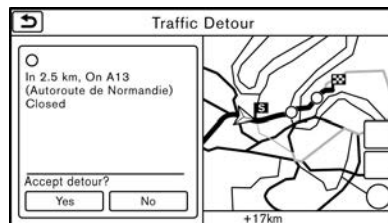
 "Route Settings" (page 3-40)

SEARCHING FOR DETOUR ROUTE USING TRAFFIC INFORMATION

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

1. Touch [Navi] on the Launch Bar.

2. Touch [Traffic Detour].



3. When the detour search is successful, detailed information about the detour route and the comparison screen of the two routes are displayed.

① Original route (blue)

② Detour route (purple)

③ The change of distance and estimated travel time to destination when the detour route is taken.

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



INFO:

- Traffic information is available only in areas where RDS-TMC is broadcast. RDS-TMC information is not available in some regions.
- If no route is set, or [Use Real Time Traffic Information] is turned off, this function cannot be operated.

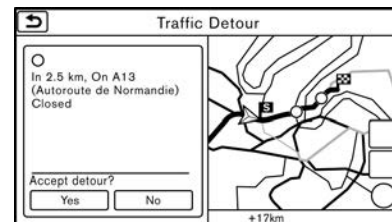
 "Route Settings" (page 3-40)

- If a detour route is not selected and no further action is performed, the detour route will be automatically cancelled.
- The detour suggestion can be retrieved even after the message disappears by manually selecting [Traffic Detour]. The system will then search for the detour again and will suggest a detour if one is available at that time.

Automatic detour guidance

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

 "Route Settings" (page 3-40)



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



INFO:

- If no operation is performed for 1 minute after the message is displayed, the message disappears. The detour will not be accepted, and the current suggested route will remain unchanged.
- When [TMC Traffic Announcement] is turned on in the guidance settings, the system will announce voice guidance at the same time the message appears on the screen.



“Guidance settings” (page 3-38)

- When [TMC Traffic Announcement] is turned on, the voice guidance will make an announcement at the same time that the message appears on the screen.

SETTING DETOUR ROUTE

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Detour].
3. Touch a preferred detour distance from the list.
After calculating the detour, the system displays the detour route on the map.



INFO:

- When the vehicle has deviated from the suggested route, [Detour] cannot be selected.

- If the system cannot calculate a detour with the specified conditions the previous suggested route is displayed.
- If the vehicle is travelling very fast, the detour route may start from a location that the vehicle has already passed.

ROUTE GUIDANCE SETTINGS

The route search conditions and route guidance can be set.

Guidance settings

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

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

Setting item		Action
[Guidance Volume]		Adjusts the volume level of voice guidance.
[Guidance Voice]		Activates or deactivates voice guidance.
[TMC Traffic Announcement]		Activates/deactivates the traffic announcement. When this item is activated, the system provides an announcement of a traffic information event on the route. The indicator illuminates if traffic announcement is activated.
[Junction Guidance Settings]		By selecting one of the items from [Level 1] to [Level 4], timing/frequency and types of the junction guidance can be set.
[Route Timing]	[Destination]	Displays  and the travel time to the destination on the map screen.
	[Waypoint]	Displays  and the travel time to the waypoint on the map screen.
[Toll Booth Guide]		Provides toll booth guide which indicates that the vehicle is approaching a tollbooth.
[Protected Overtaking Zone Information]		Provides protected overtaking zone information.



INFO:

- The guidance volume can also be adjusted by pushing <VOL> on the control panel or pushing <-  +> on the steering wheel while voice guidance is being announced.
- Traffic information is available only in areas where RDS-TMC is broadcast. RDS-TMC information is not available in some regions.

Route Settings

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

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

Setting Item		Action
[Search Condition]	[ECO]	Prioritises the route with the lowest energy consumption.
	[Fast]	Prioritises the use of motorways.
	[Minimise Motorways]	Minimises the use of motorways.
	[Short]	Prioritises the shortest route. The recalculated route may not be the shortest route because the system prioritises roads that are easy to drive on for safety reasons.

[Detailed Route Settings]	[Minimise Toll Roads]	Minimises the use of toll roads.
	[Use Time Restricted Roads]	Calculates route taking time restriction information into consideration.
	[Use Real Time Traffic Information]	Uses the latest traffic information received via the RDS-TMC traffic broadcast.  "Searching for detour route using traffic information" (page 3-37)
	[Use Avoid Area Settings]	Enables the avoid area setting.
	[Use Ferries]	Includes the use of ferries.
	[Auto Reroute]	If the vehicle deviates from the suggested route, the system automatically recalculates a route that leads the vehicle to the suggested route.
	[Use Learned Routes]	Uses the roads that are most frequently travelled with the help of self-learning technology.



INFO:

- Only one of the route conditions can be used for route calculation at a time.
- The recalculated route may not be the shortest route because the system prioritises roads that are easy to drive on for safety reasons.
- If route conditions are set from [Search Condition], all sections on the route are subject to the same route conditions even though different route conditions have been set for different sections in [Edit/Add to Route].
- If [Use Time Restricted Roads] is deactivated, the system calculates a route without any consideration of the regulations concerning the time or day of the week. Therefore, the suggested route may include a road subject to traffic regulations concerning the time or day of the week. When driving along the route, always follow all traffic regulations regardless of whether [Use Time Restricted Roads] is activated or not.
- If the system cannot calculate any alternative routes, it will display the previous route.
- If the vehicle greatly deviates from the suggested route, the system will calculate a new route.
- Traffic jam information displayed on the map screen should not be regarded as statistically accurate traffic information.
- The system may not lead to a detour if a traffic closure or a traffic jam occurs far from the present location.

- The system performs calculations 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.
- Notes on TMC traffic information:
 - Even when [Use Real Time Traffic Information] is turned on, if traffic information has not been provided for the area, a detour may not always be indicated in a location where a traffic jam occurs.
 - Traffic information is available only in areas where RDS-TMC is broadcast. RDS-TMC information is not available in some regions.

RDS-TMC TRAFFIC INFORMATION

RDS-TMC FEATURE

The navigation system receives traffic information from the best available sources and enables the RDS-TMC (Radio Data System - Traffic Message Channel) 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.

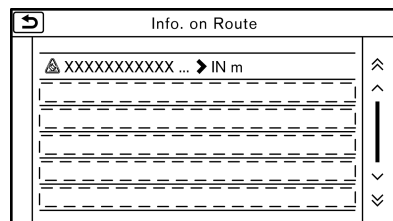
VIEWING AVAILABLE TRAFFIC INFORMATION

Viewing traffic events from list

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

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

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



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

Displaying urgent traffic information

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

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



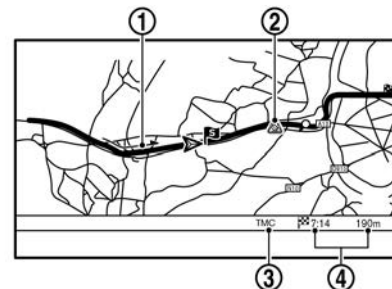
INFO:

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

Traffic information on map

With a reception of the RDS-TMC service, traffic information can be displayed on the map screen.

Screen information



- ① Road conditions
Free Flow: Green arrow
Moderate traffic: Yellow arrow
Heavy traffic: Red arrow
Section affected by serious traffic event: Purple arrow
- ② Traffic information icon:
If a route is not already set, all of the traffic information icons on the map screen are displayed in colour. When a route is already set, the icons on the route are displayed in colour, and the icons outside the route are displayed in grey.
 "Traffic information on map" (page 3-13)

- ③ Traffic indicator:
Displays the reception condition of traffic information transmitted from the provider. When the reception condition of traffic information transmitted from the provider is not detected, traffic indicator will be greyed-out.
- ④ Remaining distance and estimated time to the destination calculated with consideration of traffic information on route.

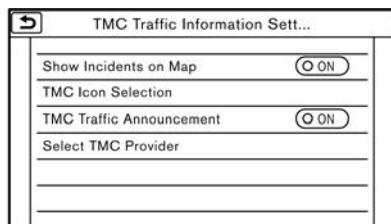


INFO:

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

TRAFFIC INFORMATION SETTING

Settings for the traffic information related functions can be changed.



1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [TMC Traffic Information Settings].
4. Touch the preferred setting.

Available setting items

- [Show Incidents on Map]
Displays all RDS-TMC information on the map while driving.
- [TMC Icon Selection]
Select and display the relevant RDS-TMC icons on the map.
- [TMC Traffic Announcement]
Provides you with the announcement of the traffic information event along the route.
- [Select TMC Provider]
Define the RDS-TMC broadcasting tuning.

STORING A LOCATION/ROUTE

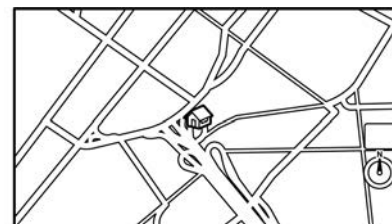
STORING LOCATION

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

Storing home location

A home location can be stored in the system.

This operation is not available when a destination is set for route guidance.



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



"Setting destination" (page 3-15)

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

 "Setting destination" (page 3-15)

Other Settings

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Home Location (None)].
4. Touch an appropriate method to set a location. Refer to the search methods used for destination setting.

 "Setting destination" (page 3-15)

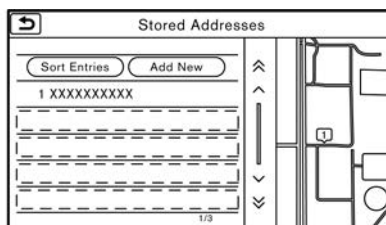
When stored, the location is displayed at the centre of the map on the touch screen display.

5. Edit the contents of the stored item as necessary and touch [OK].

 "Editing stored home and location" (page 3-47)

Storing location by searching

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



1. Touch [Settings] on the Launch Bar.
 2. Touch [Navigation].
 3. Touch [Address Book].
 4. Touch [Stored Addresses].
 5. Touch [Add New].
 6. Touch a method to set a location. Refer to the search methods used for destination setting.
-  "Setting destination" (page 3-15)
7. A message is displayed, and the address of the location is stored in the Address Book.
 8. Adjust and edit the contents of the stored item as necessary. Touch [OK] to confirm.

 "Editing stored information" (page 3-47)

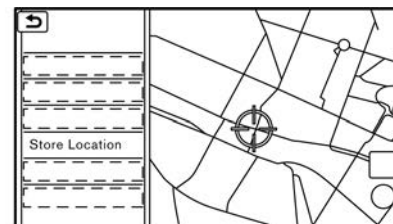


INFO:

- When the location is stored in the Stored Locations, the information can be used to search for the location.
-  "Searching from address book" (page 3-21)
- When 200 locations are already stored, a new location cannot be stored until a currently stored location is deleted.

Storing location by moving map

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



2. Touch [Store Location]. A message is displayed.

3. The icon representing the stored location is displayed on the map. Push **<MAP/VOICE>** to return to the current location map screen.

STORING ROUTE

A maximum of 5 calculated routes can be stored. Stored routes can be easily retrieved and set as the suggested route.

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

1. Touch [Navi] on the Launch Bar.
2. Touch [Route Info].
3. Touch [Store Route]. A confirmation message is displayed. Select [Yes] to store the current route.

Other settings

A route can also be stored using the following procedure.

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



INFO:

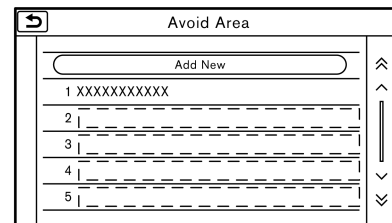
- At least 1 waypoint must be set for the route to be stored.
- A stored route includes only locations (destination and waypoints) and route calculation conditions, not the route itself.
- The route is stored in the first available position number in the store current route list.
- When 5 routes are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

"Deleting stored item" (page 3-50)

STORING AVOID AREA

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

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Avoid Area].



5. Touch [Add New].

Touch an appropriate method to search for a location.

"Setting destination" (page 3-15)

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

"Editing avoid area" (page 3-50)

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



INFO:

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

"Deleting stored item" (page 3-50)

EDITING STORED INFORMATION

Items stored in the system can be edited.

Editing stored home and location

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

Setting item				Action	
[Home Location]*	[Preferences]	[Show Icon on Map]		Displays the home icon on the map.	
		[Icon]		Selects a home icon of a preferred design.	
		[Sound]		Sets the type of the alarm that sounds when the vehicle approaches home.	
		[Direction]		Sets the alarm to sound when approaching from a specific direction.	
		[Distance]		Sets the alarm to sound when reaching a specific distance to home.	
	[Alter Location]		Adjusts the stored home location.		
	[Delete]		Deletes the stored home location.		
	[OK]		Confirms and saves the edited home information.		
[Stored Addresses]	[Sort Entries]	[By Number]		Sorts the stored locations.  “Searching from address book” (page 3-21)	
		[By Name]			
		[By Icon]			
		[By Group]			
	[Add New]		Adds a new location.  “Storing location by searching” (page 3-45)		
	Stored Location List	[Preferences]	[Show Icon on Map]		Displays the icon on the map.
			[Name]		Registers a name of the entry.

			[Voicetag]		Registers a voicetag for the entry which allows the entry to be used with the voice recognition system.
			[Charging Sta. Att.]	[Quick Charge Station]	The location is registered as a charging station with quick charge equipment and can be included in the charging station search.
				[Normal Charge Station]	The location is registered as a charging station with normal charge equipment and can be included in the charging station search.
				[Not a Charge Station]	The location is registered as a location that is not a charging station.
			[Icon]		Selects an icon for the entry.
			[Sound]		Sets the type of the alarm that sounds when the vehicle approaches the location.
			[Direction]		Sets the alarm to sound when approaching from a specific direction.
			[Distance]		Sets the alarm to sound when reaching a specific distance to the location.
			[Group]		Registers a group of the entry.
			[Index Number]		Registers an entry number for the location.
		[Alter Location]			Adjusts the stored location information.
		[Delete]			Deletes the stored location information.
		[OK]			Confirms and saves the edited stored location information.

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

Editing stored route

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

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

Editing avoid area

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

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

DELETING STORED ITEM

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



INFO:

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

Deleting stored item individually

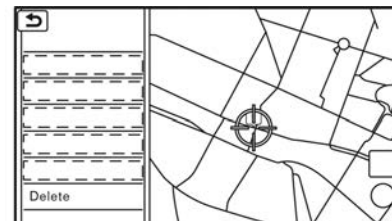
1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Delete Stored Items].

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

Step 1	Step 2	Action
[Delete Home Location]		Deletes home location.
[Delete Address Book]	[Delete All]	Deletes all stored locations.
	[Delete One]	Deletes a selected stored location.
[Delete Stored Routes]	[Delete All]	Deletes all stored routes.
	[Delete One]	Deletes selected stored routes.
[Delete Avoid Areas]	[Delete All]	Deletes all Avoid Areas.
	[Delete One]	Deletes a selected Avoid Area.
[Delete Destination History]	[Delete All Previous Destinations]	Deletes all of the previous destinations.
	[Delete Previous Destination]	Deletes a selected previous destination.
	[Delete Previous Starting Point]	Deletes a previous start point.
[Delete Learned Routes]		Deletes all system learned routes.

Deleting individual item on map

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



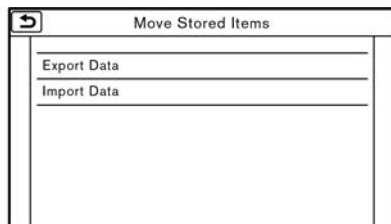
2. Touch [Delete].
3. A confirmation message is displayed. Confirm the contents of the message and touch [Yes].

The stored item is deleted from the Address Book.

TRANSFERRING INFORMATION TO/FROM ADDRESS BOOK

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

-  "USB (Universal Serial Bus) Connection Port and AUX (auxiliary) input jack" (page 1-5)



1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Move Stored Items].
5. Touch [Export Data] or [Import Data].
6. Touch [Home Location] or [Stored Addresses].
7. Touch [Export] or [Import].



NOTE:

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



INFO:

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

- A USB memory device can be used to transfer data but it is not possible to edit the data using a personal computer, etc.

NAVIGATION SETTINGS

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

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

Available items:

[Address Book]

Stores locations and routes. Stored items can be edited.

 "Editing stored information" (page 3-47)

[Map Settings]

Sets the display method and direction of the map.

 "Map settings" (page 3-10)

[POI Icons]

Sets the POI icons to appear on the map.

 "Displaying POI icons" (page 3-12)

[Guidance Settings]

Sets the various functions for route guidance.

 "Guidance settings" (page 3-38)

[Route Calculation Criteria]

Changes the routing preferences.

 "Route Settings" (page 3-40)

[TMC Traffic Information Settings]

Sets the various functions of the TMC Traffic information system.

 "Traffic information setting" (page 3-44)

[Safety Guide Settings]

Setting item		Action
[Speed Limit Display]		Turns the speed limit display on/off.
[Safety Camera Warning Settings]	[Safety Camera Icon on Map]	Changes the setting of the safety camera warning.
	[Safety Camera Warning]	
	[Only on Calculated Route]	

[Other]

Setting item		Action
[Map Scrolling Information]	[Address Book Icons]	Information about the location, on which the centre of the cross pointer is placed by scrolling on the map, can be set to be displayed.  "Displaying map scrolling information" (page 3-12)
	[TMC Traffic Icons]	
	[Destination/Waypoint Icons]	
	[POI Icons]	
	[Latitude/Longitude Info.]	
[Quick Stop Settings]	[Item 1] - [Item 4]	Customises nearby facility categories to show the categories that you frequently use.
	[Reset]	Resets nearby facility categories to default.
[Keyboard Input]	[QWERTY]	The keyboard layout of the character input screens can be selected.
	[ABC]	
[Tracking Dots Displayed on Map]	[Show Tracking Dots on Map]	Turns the route tracking dots display on/off.
	[Dist. Between Tracking Dots]	Select tracking dot interval.
	[Delete Track to Current Location]	Deletes the route tracking dots up to the current location.
[Adjust Current Location]		If the vehicle icon indicating the current vehicle location is not in the correct position, the location of the vehicle icon on the map screen can be adjusted.

[Delete Stored Items]

Deletes a stored location or route.

 "Deleting stored item individually" (page 3-50)

[Delete Destination History]

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

 "Deleting stored item individually" (page 3-50)

[Reset All Navigation Settings to Default]

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

MEMO

4 Audio system

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AUDIO OPERATION PRECAUTIONS

RADIO

Push the power switch to the ACC or ON position and push <RADIO> to turn on the radio. If you listen to the radio with the READY to drive indicator light OFF, the power switch should be pushed to 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 mobile 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 mobile 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



Maximum signal distances

- FM 40 to 48 km (25 to 30 miles)
- AM 97 to 209 km (60 to 130 miles)

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 lowering the treble setting to reduce the treble response.

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

AM radio reception

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

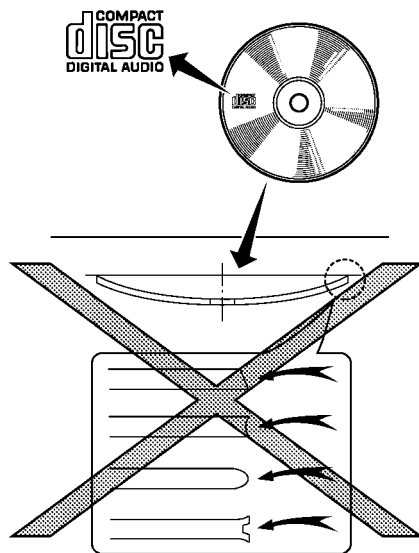
Fading: Occurs while the vehicle is passing through motorway underpasses or in areas with many tall buildings. It can also occur for several seconds during ionospheric turbulence even in areas where no obstacles exist.

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

Digital Audio Broadcast (DAB)

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

COMPACT DISC (CD) PLAYER



- Do not force a compact disc into the CD insert slot. This could damage the CD and/or CD player.

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

– CDs that are warped, scratched, or have abnormal edges

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

Disc read error:

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

Please eject disc:

Indicates a mechanism error. If the CD can be ejected, eject and reinsert the CD. If the CD cannot be ejected, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

Unplayable file:

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

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

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

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

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

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

- Partitioned USB devices may not play correctly.

- Some characters used in other languages (Chinese, Japanese, etc.) may not appear properly in the display. Using English language characters with a USB device is recommended.

General notes for USB use:

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

Notes for iPod use:

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

Specification chart for USB

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

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

*1 MPEG2.5 is not supported.

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

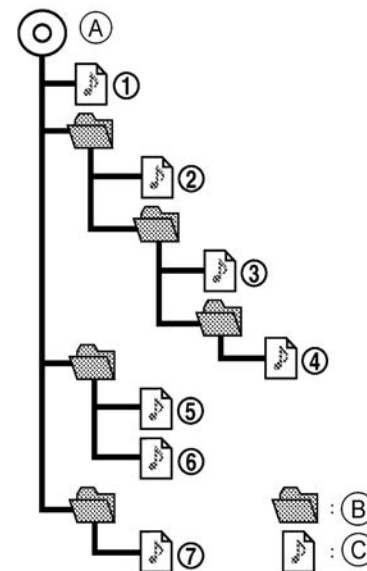
*3 Only AAC files encoded by iTunes are supported. HE-AAC (High-Efficiency) is not supported.

COMPRESSED AUDIO FILES (MP3/WMA/AAC)

Explanation of terms

- **MP3** — MP3 is short for Moving Pictures Experts Group Audio Layer 3. MP3 is the most well-known compressed digital audio file format. This format allows for near “CD quality” sound, but at a fraction of the size of normal audio files. MP3 conversion of an audio track can reduce the file size by approximately a 10:1 ratio (Sampling: 44.1 kHz, Bit rate: 128 kbps) with virtually no perceptible loss in quality. The compression reduces certain parts of sound that seem inaudible to most people.
- **WMA** — Windows Media Audio (WMA) is a compressed audio format created by Microsoft as an alternative to MP3. The WMA codec offers greater file compression than the MP3 codec, enabling storage of more digital audio tracks in the same amount of space when compared to MP3s at the same level of quality.
- **Bit rate** — Bit rate denotes the number of bits per second used by a digital music file. The size and quality of a compressed digital audio file is determined by the bit rate used when encoding the file.
- **Sampling frequency** — Sampling frequency is the rate at which the samples of a signal are converted from analog to digital (A/D conversion) per second.
- **Multisession** — Multisession is one of the methods for writing data to media. Writing data once to the media is called a single session, and writing more than once is called a multisession.
- **ID3/WMA tag** — The ID3/WMA tag is the part of the encoded MP3 or WMA file that contains information about the digital music file such as song title, artist, album title, encoding bit rate, track time duration, etc. ID3 tag information is displayed on the Album/Artist/Track title line on the display.
- **AAC** — Advanced Audio Coding (AAC) is a compressed audio format. AAC offers greater file compression than MP3 and enables music file creation and storage at the same quality as MP3.

Playback order



(A) Root folder

(B) Folder

(C) Audio file

- The folder names of folders not containing compressed audio files are not shown on the display.

- The playback order is the order in which the files were written by the writing software, so the files might not play in the desired order.
- Music playback order of compressed audio files is as illustrated.

Specification chart for CD

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

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

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

*3 Made by iTunes.

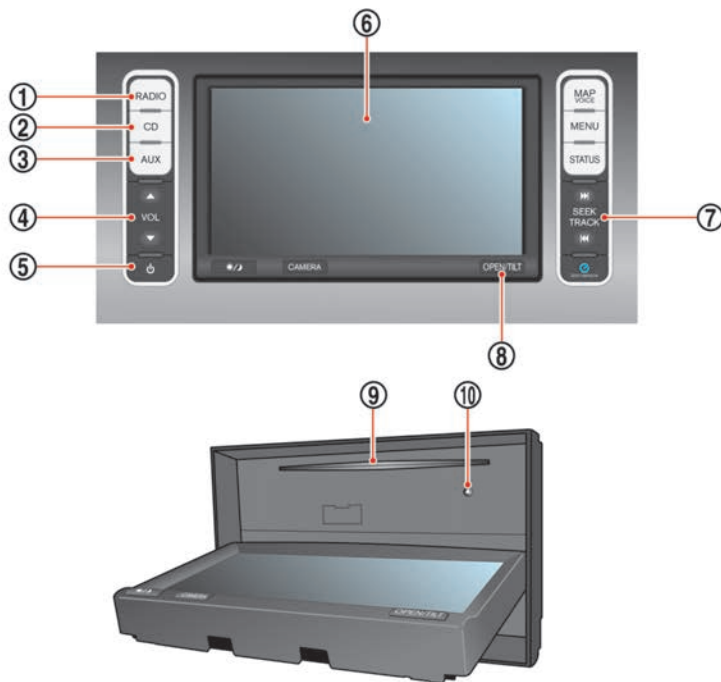
*4 Available codes depend on what kind of media, versions and information are going to be displayed.

BLUETOOTH® STREAMING AUDIO

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

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

NAMES AND FUNCTIONS OF AUDIO CONTROL BUTTONS



AUDIO MAIN BUTTONS

① <RADIO>:

Push to change the radio band to FM, AM and DAB.

② <CD>:

Push to display the CD screen.

③ <AUX>:

Push to display the screen for USB memory/iPod, Bluetooth® audio and AUX.

The audio source will switch each time the button is pushed.

④ <VOL>:

Push to adjust the volume.

⑤ < >:

Push to turn the audio system on or off.

⑥ Touch screen display:

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

 "Touch panel operations" (page 1-8)

⑦ <SEEK TRACK>:

Push to tune the radio and to select/restart tracks. Push and hold to skip to the next/previous available station or to fast-forward or rewind the tracks.

⑧ <OPEN/TILT>:

Push to open the monitor to access the CD slot.

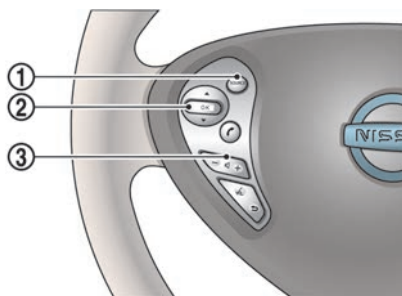
⑨ CD slot:

Insert a CD with the label side facing up.

⑩ < ▲ >:

Push to eject a CD.

STEERING WHEEL MOUNTED AUDIO CONTROL BUTTONS



① <SOURCE>:

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

② < ▲ > / < ▼ >:

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

③ <- [Speaker Icon] + > (Volume control):

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

AUDIO OPERATIONS

AUDIO MAIN OPERATION

Turning audio system on/off

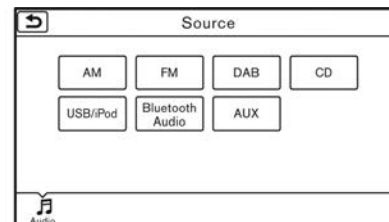
The power switch must be pushed to the ACC or ON position to turn on the audio system. Push < [Power Icon] > to turn on the last audio source that was playing immediately before the system was turned off. Touching [Audio] on the Launch Bar will also turn on the audio system and the corresponding audio screen will be displayed for operation. To turn off the audio system, push < [Power Icon] > again.



INFO:

Even when the audio system is turned off, operating the buttons/keys for audio may turn on the audio system.

Selecting audio source



1. Touch [Audio] on the Launch Bar when the audio screen is displayed.

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



INFO:

- Touching [Source] on the upper left corner of the audio screen will also display the audio source menu screen.
- Pushing switches on the control panel and the steering wheel can also be used to change audio sources.

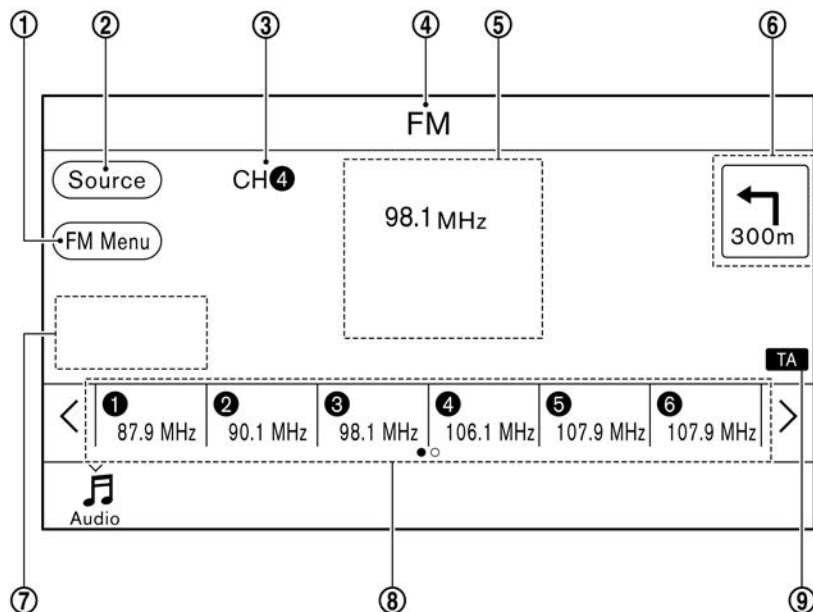


“Audio main buttons” (page 4-10)



“Steering wheel mounted audio control buttons” (page 4-11)

RADIO



How to view radio screen

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

- ① [AM Menu]/[FM Menu]/[DAB Menu]:

Touch to display the radio menu screen.

"Radio Menu" (page 4-16)

- ② [Source]:

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

"Selecting audio source" (page 4-11)

- ③ Preset number:

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

- ④ Audio source indicator:

Indicates the currently selected audio source.

- ⑤ Reception information display:

Reception information currently available such as frequency, station, or channel name, etc. are displayed.

- ⑥ Turn direction indicator:

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

⑦ Interruption indicator:

When information is received, the following indicators are displayed.

[Alarm Interrupt]: Displayed when RDS alarm information is received.

[TA Interrupt]: Displayed when TA information is received.

⑧ Preset list:

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

 "Presetting" (page 4-15)

⑨ TA Indicator:

Indicates the status of the Traffic Announcement setting.



INFO:

- TA setting can be turned on and off.

 "Radio Menu" (page 4-16)

- TA indicator is displayed also on the screen of other audio sources.

Radio operation

Radio activation and band selection:

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

 "Selecting audio source" (page 4-11)



INFO:

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

Tuning:

To tune stations manually, push <SEEK TRACK> repeatedly until the preferred station is selected.

Seek tuning:

Push and hold <SEEK TRACK> to tune to the next/previous available stations.

Tilting and holding < ▲ >/< ▼ > on the steering wheel also seeks the previous/next available stations.

Presetting:

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

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

4. The information such as frequency will be displayed on the preset list.

To select and listen to the preset stations, tilt < ▲ >/< ▼ > on the steering wheel briefly or touch a preferred station on the preset list on the radio screen.

Radio Menu

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

The following items are available.

[FM Menu]/[AM Menu]:

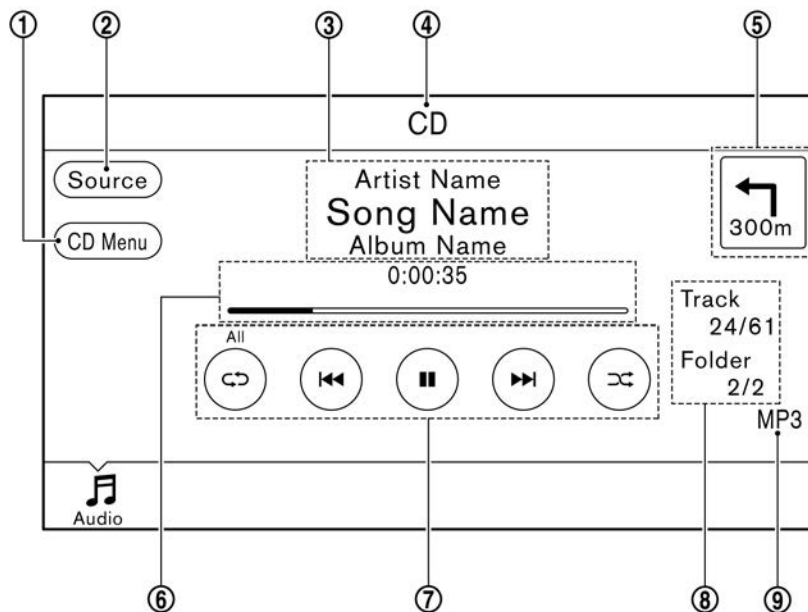
[RDS Info] (FM only)	Touch to display the RDS information when FM radio is playing.
[Station List]	Touch to display the available station list. Touch [Update Station List] to update the station list.
[TA]	When this item is turned on, received TA (Traffic Announcement) will interrupt the audio source that is playing.
[REG]	When this item is turned on, the system will switch to regional radio programmes when detected.
[AF]	When this item is turned on, the radio receiver will re-tune to an alternative frequency providing the same station (if available) when the first signal becomes weak.

[DAB Menu]:

[DAB Information]	Touch to view DAB information.
[DAB Station List]	Touch to display the available station list. Touch [Update Station List] to update the station list. Touch [Update Station List] to update the station list.
[Extra Channels]	Touch to display a list of extra channels available.
[TA]	When this item is turned on, received TA (Traffic Announcement) will interrupt the audio source that is playing.

[Settings]	[DAB-DAB Linking]	When this item is turned on, the system searches for and re-tunes to an alternative DAB station that offers the same programme with better reception.
	[DAB-RDS Linking]	When this item is turned on, the system searches for and tunes to an alternative RDS station that offers the same programme with better reception if DAB signal cannot be tuned to or the receiving DAB signal becomes weak.
	[L-Brand Search]	When this item is turned on, the system will search from both L-band and Band III which requires extra time for searching. Turn this item off to exclude L-band from the station search.
	[Regional Setting]	When this items is turned on, the system will allow interruption of a DAB station only if it contains regional information announcements.

COMPACT DISC (CD) PLAYER



How to view CD screen

- ① [CD Menu]:
Touch to display the CD Menu screen.
👉 “CD Menu” (page 4-20)
- ② [Source]:
Touch to switch to the source select screen.
👉 “Selecting audio source” (page 4-11)
- ③ Track information:
Track information such as the song title, artist name and album name are displayed.
- ④ Audio source indicator:
Indicates that CD is currently selected among available sources.
- ⑤ Turn direction indicator:
When a route to the destination is set, the turn direction and the distance to the next turn are displayed.
- ⑥ Play time and progress bar:
The play time of the track is displayed. The bar indicates the progress in playing the current track.
- ⑦ CD operation keys:
Touch an icon for operations.

[↺↻]	Each time [↺↻] is touched, the repeat mode changes.  "Changing play mode" (page 4-23)
[◀◀]	Touch once to return to the beginning of the current track. Touch again to select the previous track. Touch and hold to rewind the current track.
[]	Touch to pause the track.
[▶]	Touch to play the track.
[▶▶]	Touch to select the next track. Touch and hold to fast-forward the track.
[↺↻]	Each time [↺↻] is touched, the random mode changes.  "Changing play mode" (page 4-23)

⑧ Track and folder number:

Indicates the track number and the folder number.

⑨ Data type indicator:

Indicates the type of data currently playing.

CD player operation

Loading:

Push <OPEN/TILT> to open the monitor and access the CD slot.

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

Push <OPEN/TILT> again to close the monitor or wait till the monitor closes automatically.

When the CD is loaded, the CD will start playing.

Activation and playing:

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

 "Selecting audio source" (page 4-11)

When the CD mode is selected, the loaded CD will start to play.

Skipping tracks:

To skip the tracks, push <SEEK TRACK>, touch [◀◀]/[▶▶] on the CD screen, or tilt up/down <▲>/<▼> on the steering wheel repeatedly until preferred track is selected.



INFO:

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

Changing folders:

To change folders, touch [CD Menu] and touch [Select Folder].

 "CD Menu" (page 4-20)

Rewinding/Fast-forwarding:

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

Control panel operation:

- Push and hold <SEEK TRACK>.
- Touch and hold [◀◀]/[▶▶].

Steering wheel switch operation:

- Tilt and hold <▲>/<▼> on the steering wheel.

Changing play mode:

Repeat mode

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

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

Random mode

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

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

Ejecting CD:

Push <OPEN/TILT> to open the monitor to access the CD slot.

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

Push <OPEN/TILT> again to close the monitor or wait till the monitor closes automatically.



INFO:

The power switch must be pushed to the ACC or ON position in order for the CD to eject.

CD Menu

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

The following items are available.

[Now Playing]	Touch to return to the CD screen.
[Select Folder]*	Touch to display the folder list. Touch an item on the list to select the folder. Touch [↶] and go back to the previous screen to select tracks in the folder.
Track List	A list of the tracks on the CD is displayed. Touch an item on the list to select the track.

*: Displayed only when available.

USB MEMORY DEVICE PLAYER

Connecting USB memory device

WARNING

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

CAUTION

- Do not force the USB device into the USB connection port. Inserting the USB

device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into the USB connection port.

- Do not grab the USB connection port cover (where fitted) when pulling the USB device out of the port. This could damage the port and the cover.
- Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.

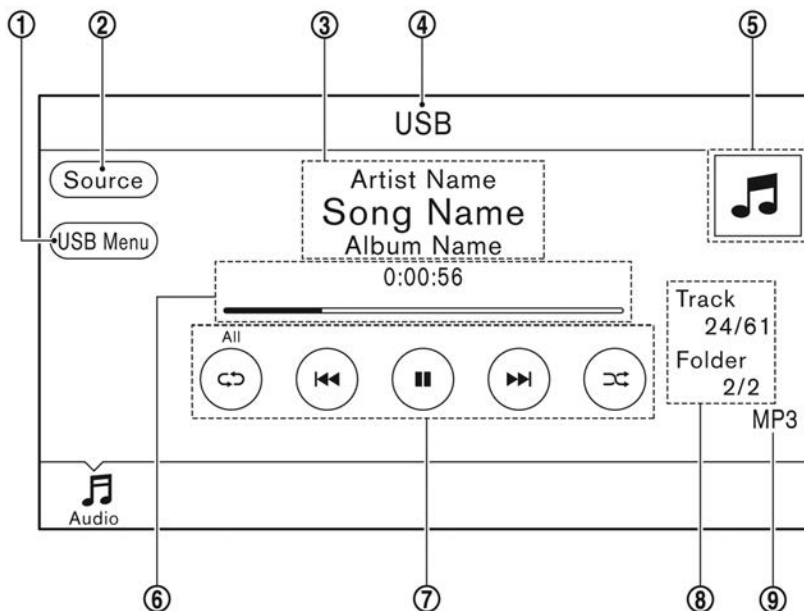
Refer to your device manufacturer's owner information regarding the proper use and care of the device.

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

For location of the USB connection port:



"USB (Universal Serial Bus) Connection Port and AUX (auxiliary) input jack" (page 1-5)



How to view USB screen

① [USB Menu]:

Touch to switch to the USB Menu screen.

"USB Menu" (page 4-23)

② [Source]:

Touch to switch to the source select screen.

"Selecting audio source" (page 4-11)

③ Track information:

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

④ Audio source indicator:

Indicates that a USB memory device is currently selected among available audio sources.

⑤ Album artwork/Turn direction indicator:

Image of an album artwork is displayed when available if the setting is turned on.

"USB Menu" (page 4-23)

When the album artwork display setting is turned off, the turn direction and the distance to the next turn are displayed when a route is set with the navigation system.

⑥ Play time and progress bar:

The play time of the track is displayed. The bar indicates the progress in playing a track.

⑦ USB operation keys:

Touch an icon for operations.

[↺↻]	Each time [↺↻] is touched, the repeat mode changes.  "Changing play mode" (page 4-23)
[⏮]	Touch to return to the beginning of the current track. Touch again to select the previous track. Touch and hold to rewind the current track.
[⏸]	Touch to pause the track.
[▶]	Touch to play the track.
[⏭]	Touch to select the next track. Touch and hold to fast-forward the track.
[↺↻]	Each time [↺↻] is touched, the random mode changes.  "Changing play mode" (page 4-23)

⑧ Track and folder number:

Indicates the track number and the folder number.

⑨ Data type indicator:

Indicates the type of data currently playing.

USB memory device player operation

Activation and playing:

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

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

 "Selecting audio source" (page 4-11)

The USB memory will start to play when it is connected or the iPod mode is selected.

Skipping tracks:

To skip tracks, push <SEEK TRACK>, touch [⏮]/[⏭] on the screen, or tilt up/down <▲>/<▼> on the steering wheel repeatedly until preferred track is selected.



INFO:

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

Changing folders:

To change folders, touch [USB Menu] and touch [Select Folder].

 "USB memory device player operation" (page 4-23)

Rewinding/Fast-forwarding:

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

Changing play mode:

Repeat mode

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

[All] → [1 Track] → [1 Folder] → [All]

Random mode

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

(off) → [1 Folder] → [All] → (off)

USB Menu

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

The following items are available.

[Now Playing]	Touch to display the USB screen.
[Select Folder]*	Touch to display the folder list. Touch an item on the list to select the folder. Touch [] and go back to the previous screen to select tracks in the folder.
[Album Artwork]	Touch to turn the album artwork display on the USB screen on/off.
Track List	A list of the tracks in the USB is displayed. Touch an item on the list to select the track.

*: Displayed only when available.

iPod PLAYER

Connecting iPod

WARNING

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

CAUTION

- Do not force the USB device into the USB connection port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure

that the USB device is connected correctly into the USB connection port.

- Do not grab the USB connection port cover (where fitted) when pulling the USB device out of the port. This could damage the port and the cover.
- Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.

Connect the iPod to the USB connection port.

For location of the USB connection port:



"USB (Universal Serial Bus) Connection Port and AUX (auxiliary) input jack" (page 1-5)

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

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

Compatibility:

Made for

- iPod (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)

- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod touch
- iPod classic (80G/160GB)
- iPod classic (120GB)
- iPod nano (7th generation)
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone



INFO:

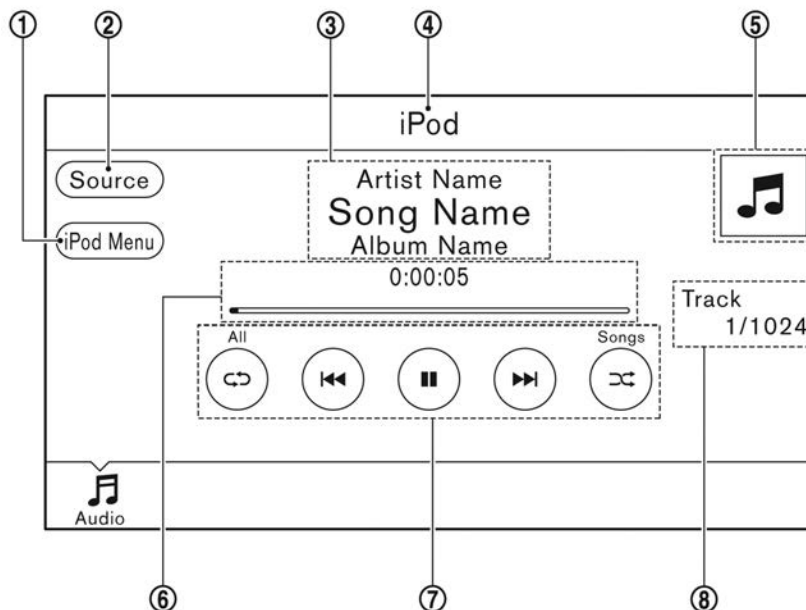
- Make sure that the iPod firmware is updated.

- The Lightning™ connector works with iPhone 5, iPod touch (5th generation), and iPod nano (7th generation).

The 30-pin connector works with iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G, iPhone, iPod touch (1st through 4th generation), iPod classic and iPod nano (1st through 6th generation).

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

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



How to view iPod screen

① [iPod Menu]:

Touch to display the iPod Menu screen.

"USB Menu" (page 4-23)

② [Source]:

Touch to switch to the source list screen.

"Selecting audio source" (page 4-11)

③ Track information:

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

④ Audio source indicator:

Indicates that iPod is currently selected among available sources.

⑤ Album artwork/Turn direction indicator:

Image of an album artwork is displayed when available if the setting is turned on.

"iPod Menu" (page 4-27)

When the album artwork display setting is turned off, the turn direction and the distance to the next turn are displayed when a route is set with the navigation system.

⑥ Play time and progress bar:

The play time of the track is displayed. The progress bar indicates the progress in playing the current track.

⑦ iPod operation keys:

Touch an icon for operations.

[⏮]	Each time [⏮] is touched, the mode changes. 📖 “Changing play mode” (page 4-27)
[⏪]	Touch to return to the beginning of the current track. Touch again to select the previous track. Touch and hold to rewind the current track.
[⏸]	Touch to pause the track.
[⏩]	Touch to play the track.
[⏭]	Touch to select the next track. Touch and hold to fast-forward the track.
[⏴]	Each time [⏴] is touched, the mode changes. 📖 “Changing play mode” (page 4-27)

⑧ Track number:

Indicates the track number and the total number of tracks.

iPod player operation

Activation and playing:

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

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

📖 “Selecting audio source” (page 4-11)

The iPod will start to play when it is connected or the iPod mode is selected.

Selecting search method:

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

Touch [iPod Menu] to display the iPod menu. Touch and select an item to play the iPod in your preferred settings.

Skipping tracks:

To skip the tracks, push <SEEK TRACK>, touch [⏪]/[⏭] on the screen, or tilt up/down <▲>/<▼> on the steering wheel repeatedly until preferred track is selected.



INFO:

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

Rewinding/Fast-forwarding:

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

Changing play mode:

Repeat mode

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

(off) → [One] → [All] → (off)

Random mode

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

(off) → [Songs] → [Albums] → (off)

iPod Menu

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

The following items are available.

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



INFO:

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

BLUETOOTH® AUDIO

Your vehicle is equipped with Bluetooth® Audio.

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

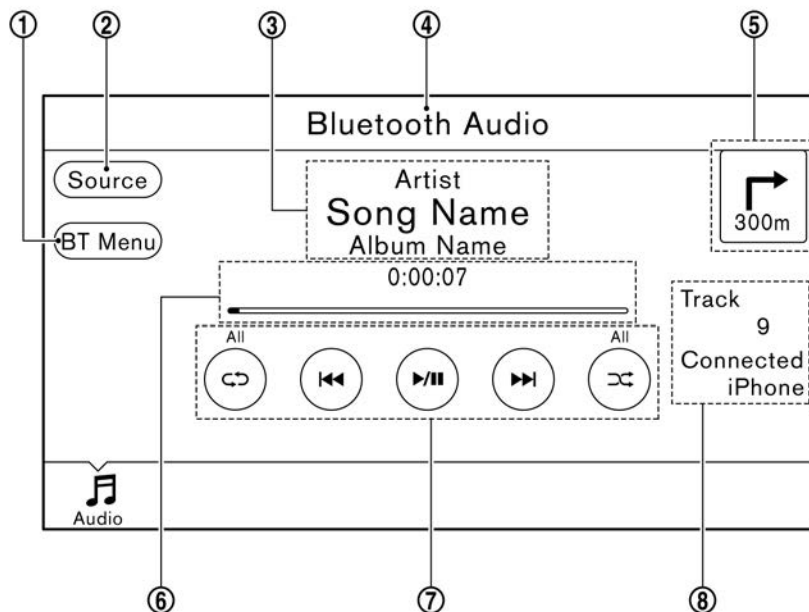
Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when using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

Connecting Bluetooth® audio device

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



"Connecting Bluetooth® device" (page 1-16)



How to view Bluetooth® audio screen

- ① [BT Menu]:
Touch to display the Bluetooth® audio menu screen.
☞ "BT Menu" (page 4-32)
- ② [Source]:
Touch to switch to the source list screen.
☞ "Selecting audio source" (page 4-11)
- ③ Track information:
Track information such as the song title, artist name and album name are displayed.
- ④ Audio source indicator:
Indicates that Bluetooth® audio is currently selected among available sources.
- ⑤ Turn direction indicator:
When a route to the destination is set, the turn direction and the distance to the next turn are displayed.
- ⑥ Play time and Progress bar:
The play time of the track is displayed. The Progress bar indicates the progress in playing the current track.
- ⑦ Bluetooth® audio operation keys:
Touch an icon for operations.

[↺↻]	Each time [↺↻] is touched, the repeat mode changes.  "BT Menu" (page 4-32)
[◀◀]	Touch to return to the beginning of the current track. Touch again to select the previous track. Touch and hold to rewind the current track.
[]	Touch to pause the track.
[▶▶]	Touch to play the track.
[▶▶]	Touch to select the next track. Touch and hold to fast-forward the track.
[↺↻]	Each time [↺↻] is touched, the random mode changes.  "Selecting audio source" (page 4-11)

⑧ Track number and device name:

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



INFO:

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

Bluetooth® audio operation

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



INFO:

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

Activation and playing:

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

 "Selecting audio source" (page 4-11)

Skipping tracks:

To skip the tracks, push <SEEK TRACK>, touch [◀◀]/[▶▶] on the CD screen, or tilt up/down <▲>/<▼> on the steering wheel repeatedly until preferred track is selected.



INFO:

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

Changing folders:

To change folders, touch [BT Menu] and touch [Select Folder].

 "BT Menu" (page 4-32)

Rewinding/Fast-forwarding:

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

Changing play mode:

Repeat mode

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

Random mode

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



INFO:

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

BT Menu

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

The following items are available.

[Now Playing]	Touch to display the Bluetooth® audio screen.
[Bluetooth Settings]	Touch to display the Bluetooth® settings screen. 🔗 “Bluetooth® settings” (page 1-16)
[Select Folder]*	Touch to display the folder list. Touch an item on the list to select the folder. Touch [↶] and go back to the previous screen to select tracks in the folder.
Track List	A list of the tracks is displayed. Touch an item on the list to select the track.

*: Displayed only when available.

AUXILIARY (AUX) DEVICES

Connecting auxiliary devices

For location of the auxiliary input jack:

🔗 “USB (Universal Serial Bus) Connection Port and AUX (auxiliary) input jack” (page 1-5)

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



INFO:

Insert a 3.5 mm (1/8 in) stereo mini plug in the audio input jack. If a cable with a mono plug is used, the audio output may not function normally.

AUX operation

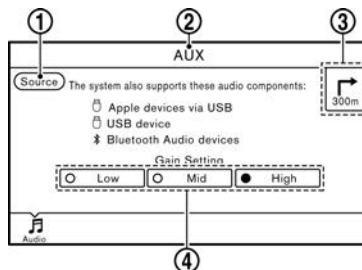
Activation and playing:

Turn on an AUX device.

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

🔗 “Selecting audio source” (page 4-11)

How to view AUX screen



① [Source]:

Touch to switch to the source list screen.

🔗 “Selecting audio source” (page 4-11)

② Audio source indicator:

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

③ Turn direction indicator:

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

④ Volume Setting keys:

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

AUDIO SETTINGS

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

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

Available setting items may vary depending on models and specifications.

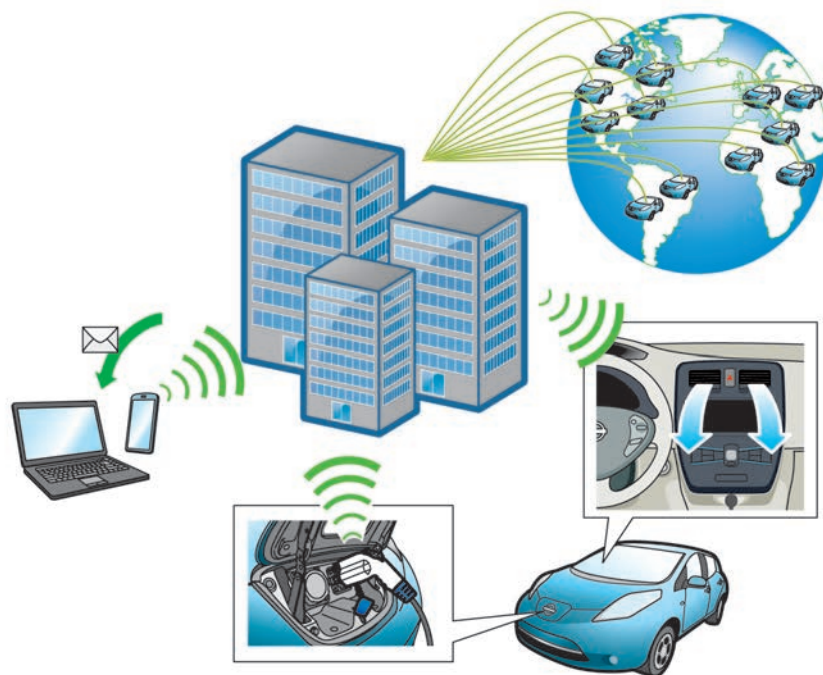
Setting items	Action
[Bass]	Adjust the speaker tone quality and sound balance by touching [+)/[-], [L]/[R] or [R]/[F].
[Treble]	
[Balance]	
[Fader]	
[Speed Sensitive Volume]	Automatically adjusts the volume depending on the vehicle speed. Touch [+)/[-] to change the sensitivity level.

MEMO

5 NissanConnect EV

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NISSANCONNECT EV OVERVIEW



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

When the system connects to the Nissan Data Centre, 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



INFO:

You can check driving records for your vehicle online at the YOU+Nissan Owners' Portal.

However, if [Share Vehicle Information] is set to OFF, vehicle data will not be uploaded. Make sure that this setting is ON.

When [General Notifications] is set to ON, communication with the Nissan Data Centre will be performed once daily. NISSAN recommends that you set [General Notifications] to ON.

 "NissanConnect EV settings" (page 5-13)

Remote functions

● Li-ion battery status check:

The status of the Li-ion battery can be checked using your personal computer or mobile phone even if you are not in the vehicle.

- **Unplugged status, Charge status:**

By registering frequently used charging stations, notifications can be sent to your personal computer or mobile phone e-mail address to inform you when the charging connector is disconnected at those locations or charging is completed.

- **Remote charge, Remote climate control:**

Remote activation of Li-ion battery charging or climate control can be set using your personal computer or mobile phone.

- **Li-ion battery warmer status (where fitted):**

When the ambient temperature is low, the Li-ion battery warmer operates automatically.

Notifications will be sent to your personal computer or mobile phone e-mail address under the following conditions in order to remind you to connect the charging connector.

- Approximately 5 minutes after the Li-ion battery warmer starts operating while the power switch is in the OFF state and the charge cable is not connected to the vehicle.
- Approximately 5 minutes after the Li-ion battery warmer stops operating due to low remaining Li-ion battery power while the power switch is in the OFF state and the charge cable is not connected to the vehicle.



NOTE:

- The remaining Li-ion battery power lowers gradually while the Li-ion battery warmer is operating without connecting the charging connector.
- When the remaining Li-ion battery power lowers, the Li-ion battery warmer stops operating. When this occurs, the Li-ion battery temperature lowers gradually, and as a result the electric vehicle system may be disabled.

Navigation Telematics (NissanConnect EV)

- **Automatic update of charging stations:**

The information for the charging stations that is recorded in the map data is automatically updated.

- **All Information Channels:**

Convenient information for driving such as weather and traffic information, ECO information shared with the electric vehicle users, etc. is provided.

- **Favourites:**

When the information of an Internet site is selected and it is stored in the page that is specially established in the YOU+Nissan Owners' Portal, the information is converted into an appropriate format via the Nissan Data Centre and provided for use in the vehicle. The content of

the information is automatically read out. For the registration method of information data, visit the YOU+Nissan Owners' Portal.



NOTE:

- Completing the NissanConnect EV registration is necessary before using this service.
- To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smart phone or personal computer, the following conditions must be met:
 - The vehicle must be located in a mobile phone or smart phone coverage area.
 - The internet enabled mobile phone or smart phone must be located in a mobile phone or smart phone coverage area.
 - The computer must be connected to the internet.
 - A mobile phone capable of text messaging must be used to receive text messages regarding vehicle charge status.
- When the charge connector is disconnected from the vehicle, the heater and air conditioner operates using vehicle Li-ion battery electric power.
- If the remote heater and air conditioner function and Li-ion battery charging are performed at the same time, Li-ion battery charging will take longer than usual due to the power used to heat or cool the vehicle.

- Certain remote functions require a compatible smart phone, which is not included with vehicle.
- NissanConnect EV information system features are included through a subscription service which requires owner consent to activate. The subscription must be active to use these features.
- NissanConnect EV communications may be received at a verified e-mail address or by SMS/text messaging-enabled mobile phone.
- Standard text rates and/or data usage may apply depending on your carrier.

ABOUT SERVICE APPLICATION

Registration to the NissanConnect EV is necessary before using this service. For more details, please visit YOU+Nissan Owners' Portal.

CAUTION

If the vehicle is sold to another person, this service must be cancelled and all data stored in the device must be deleted to avoid having personal data inadvertently disclosed.

NOTICE FOR USAGE

- The NissanConnect EV uses the TCU (Telematics Control Unit). Even if the signal strength bar of the in-vehicle data communication module indicates good reception, connection to the Nis-

san Data Centre may be disabled. This does not indicate a malfunction. Operate the system again after a few minutes.

- The NissanConnect EV cannot be used under the following conditions:
 - The vehicle moves outside the service area of the TCU (Telematics Control Unit) connection to the system.
 - The vehicle is in a location with poor signal reception such as a tunnel, underground parking, behind a building or in a mountainous area.

RADIO APPROVAL NUMBER AND INFORMATION

WARNING

- Radio waves could adversely affect electric medical equipment. Those who use a pacemaker should contact the electric medical equipment manufacturer regarding the possible influences before use.
- The TCU antenna is installed inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may adversely affect the operation of a pacemaker while using the NissanConnect EV.

PRIVACY POLICY NISSAN-CONNECT EV

INTRODUCTION

The electric vehicle is equipped with an advanced navigation system, which includes a communication module ("NissanConnect EV"). Should you choose to activate NissanConnect EV services as described in this Privacy Policy, NissanConnect EV enables NISSAN Motor Company, Ltd. in Japan ("NISSAN Japan") and NISSAN Nederland B.V., NISSAN Motor (GB) Limited, NISSAN Iberia SA and NISSAN Ireland LTD (hereinafter referred to as "Local Controllers") to collect certain data about your car which they will use to provide a wide range of services and information all focused on serving the electric vehicle driver as described in this Privacy Policy. NissanConnect EV will be available on-board or remotely either using a PC/Mac or a dedicated Smart phone APP available initially on iPhone 3G and above.

The data regarding the use of the electric vehicle is deemed personal data within the meaning of the local and European data protection rules. NISSAN Japan and the Local Controllers shall each be data controllers within the meaning of these data protection rules in respect of the data that they collect and/or process. NISSAN Japan and the Local Controllers respect the privacy of the users of the electric vehicle. This Privacy Policy contains information regarding the ways in which NISSAN Japan and Local Controllers use the personal data that they collect via NissanConnect EV.

By registering to activate NissanConnect EV, the electric vehicle owner agrees to the collection and use of personal data by NISSAN Japan and Local Controllers, including the transfer of personal data outside the EEA, for the purposes described in this Privacy Policy.

REGISTRATION/DEREGISTRATION AND ACTIVATION/DE-ACTIVATION OF NISSANCONNECT EV

In order to activate NissanConnect EV and use the services, the electric vehicle owner will need to register at the YOU+Nissan Owners' Portal: for Great Britain: <http://www.nissan.co.uk/GB/en/You-Plus.html>; (the "Website") and accept the terms of use and conditions of use. If an electric vehicle owner chooses to activate NissanConnect EV that electric vehicle owner will be able to deactivate NissanConnect EV at any time by deregistering via the Website at any time. In addition, an electric vehicle driver will be able to deactivate the NissanConnect EV temporarily by not pressing the [OK] button on the start up screen when turning on the electric vehicle. If the electric vehicle driver does not touch [OK] NissanConnect EV will not be activated, nor will the navigation system. It is the electric vehicle owner's responsibility to inform all electric vehicle drivers of this Privacy Policy. A dedicated Helpdesk will be able to support NissanConnect EV inquiries (see NissanConnect EV helpdesk contact information at the front of this manual).

If the electric vehicle owner chooses to sell the electric vehicle at any time, he/she needs to deregister from the service and deactivate NissanConnect EV. A subsequent electric vehicle owner will be able to reactivate NissanConnect EV, but if the electric vehicle owner does not first deregister both NISSAN Japan and Local Controllers may have no way of knowing that the electric vehicle is sold and may continue to collect data in the belief that it is personal data about a previous electric vehicle owner. Neither NISSAN Japan nor Local Controllers can be responsible for any incorrect association of data if deregister is not made in these circumstances.

PERSONAL DATA TO BE PROCESSED

The following types of personal data will be collected and processed:

User ID info, i.e. unique identifier for electric vehicle owner on the YOU+Nissan Owners' Portal	Headlight operations hours per trip	Average speed during Li-ion battery lifetime
Vehicle Identification Number info	Average acceleration speed per trip	Total electricity consumption during Li-ion battery lifetime
SIM-ID info: Product serial number of on-board SIM card	Vehicle mileage at beginning of trip (ODO)	Up-to-date information regarding vehicle mileage (ODO)
Password info	Monthly start and stop date	Total driving time during Li-ion battery lifetime
E-mail address	Monthly total of driving hours	In-vehicle number ID: production serial number of navigation system unit
Data Communication Module software version	Monthly average of vehicle speed	Data Communication Module -ID info: serial number of DCM
Language	Monthly usage frequency of "Parking" and "Reverse"	Data Communication Module contact number info (Phone number of Data Communication Module)
Country of residence	Number of trips per month	Vehicle speed
GPS time zone information	Monthly vehicle speed at brake operation	Vehicle driving direction
Direction information in navigation system	Monthly amount of electrical consumption	Driving status info i.e. vehicle is moving or stationary
Driving mileage information in navigation system	Monthly distance	Vehicle mileage
Information regarding brake and reverse usage in navigation system	Usage of switches in the electric vehicle in relation to electricity consumption level	Driving mileage
Start and stop date per trip	Monthly average of acceleration	Telecom carrier info
Driving mileage per trip	Accelerator pedal activities for every trip	Geographical coordinate system: nature of standard used by navigation system
Acceleration and deceleration hours per trip	Electronic consumption during idling for every trip	Latitude/Longitude info: vehicle location or vehicle destination

Air-conditioning usage hours per trip	Start time and elapsed time of excessive idling	Number of destinations and stopovers
Driving hours on motorway per trip	Start time and elapsed time of excessive air-conditioning use	Induction status: Indication that shows electric vehicle is moving to a destination, to a stopover, or/and en route
Idling hours per trip	Monthly N Range and monthly B Range frequency: frequency of use of "Neutral" and "Battery". Battery means activating recharging by braking.	Application ID: data which identifies features that electric vehicle driver is requesting
Driving hours per trip	Total air-conditioning usage during Li-ion battery lifetime	Vehicle location at start up
Electricity consumption amount of driving motor, air-conditioning and accessories per trip	Total headlight usage during Li-ion battery lifetime	-

PURPOSES OF PROCESSING OF PERSONAL DATA

NISSAN Japan and Local Controllers will use the personal data collected via NissanConnect EV to provide the electric vehicle driver with NissanConnect EV (and other related services) which can improve the utilisation, experience and convenience of the electric vehicle.

The purposes of processing personal data served by NissanConnect EV are:

- Downloading of Li-ion battery chargers' locations.
- Receiving information regarding possibilities to reduce the electric vehicle's energy usage via, amongst others: Li-ion battery monitoring; ECO Drive (a feature showing how efficiently an electric vehicle driver drives his electric vehicle, such as electricity consumption efficiency); electric consumption efficiency ranking (energy usage compared to other electric vehicle drivers); electric vehicle driving tips including ways to help reduce energy consumption and increase driving range; World's electricity forest, a feature called "Eco forest", which shows level of contribution to CO2 reduction by the number of virtual trees (more Ecoconscious driving leads to more virtual trees).
- Increasing the autonomy of the electric vehicle by enabling the electric vehicle driver to turn on the air conditioning via either mobile phone or YOU+Nissan Owners' Portal, while the electric vehicle is plugged into the electric grid, and thus

using energy from the grid instead of the Li-ion battery to pre-heat or pre-cool the electric vehicle.

- Charging the electric vehicle more economically, by remotely starting the charging at night, when the electricity rates are lower.
- Improving convenience of the electric vehicle by informing the electric vehicle owner via YOU+Nissan Owners' Portal or via e-mail of, amongst others: Li-ion battery charge status; Li-ion battery charge level; plug-in status for the electric vehicle owner to check if the electric vehicle is plugged or unplugged; plug-in reminder, providing a message when forgotten to plug-in the electric vehicle; range remaining before requiring a recharge; required time to complete the Li-ion battery charging; charging completion message when Li-ion battery is charged.
- Providing charging history, including: time of charging; amount of charging; amount of the electric vehicle's electricity usage; estimation of owner's electricity bill.
- Planning drive route: sending information of destination and route to the electric vehicle navigation system from YOU+Nissan Owners' Portal; place information of favourite destinations in the electric vehicle navigation system.
- Managing Li-ion battery lifecycle in relation to: forecasting the ageing of the Li-ion battery; identifying defects of the Li-ion battery; identifying Li-ion battery in case of Li-ion battery recall; esti-

mation of value of Li-ion battery for resale; estimation of remaining life of the Li-ion battery; monitoring the Li-ion battery deterioration level of each owner and forecast when the Li-ion battery needs to be replaced.

- Providing subscription to information channels via RSS channels, allowing the owner to subscribe to online information services to receive up-to-date information, e.g. the latest weather forecast, news.
- Monitoring of unusual data volumes to identify malfunctions and potential abuses in the electric vehicle telematics system.

Unless the electric vehicle owner has opted out either during activation of NissanConnect EV or subsequently, Local Controllers may use certain personal data collected via NissanConnect EV to inform the driver of products or services from NISSAN Japan, Local Controllers or the wider NISSAN Group which may be interesting to the driver. If the electric vehicle owner wishes to opt out of receiving these communications, the electric vehicle owner should contact the Helpdesk (see NissanConnect EV helpdesk contact information at the front of this manual).

TRANSFER OUTSIDE THE EUROPEAN ECONOMIC AREA TO NISSAN JAPAN

As referred to above, some of the personal data obtained via NissanConnect EV is collected directly by NISSAN Japan and stored in Japan. The data protection legislation in Japan does not offer the

same level of data protection as the European and local data protection legislation but NISSAN Japan and the Local Controllers will take adequate measures to ensure that the collected personal data is processed in accordance with the applicable legislation relating to data protection. Personal data collected and processed by NISSAN Japan may also be processed by staff operating outside the EEA who work for NISSAN Japan or for one of its suppliers (including, without limitation, NISSAN Japan's hosting services provider).

SECURITY

NISSAN Japan and Local Controllers will each implement appropriate security measures to protect the personal data that they process.

All information collected by NISSAN Japan will be stored on secure servers. Where we have given the electric vehicle owner (or where the electric vehicle owner has chosen) a password which enables him/her to access NissanConnect EV, the electric vehicle owner is responsible for keeping this password confidential. We ask not to share a password with anyone.

Unfortunately, the transmission of information via the internet and other third party communications networks is not completely secure. Although NISSAN Japan and Local Controllers will do their best to protect the personal data, they cannot guarantee the security of the data and any transmission is at the electric vehicle owner's risk.

STORAGE PERIOD

The transferred personal data will be stored for two years after the data has been collected. After that the personal data will be deleted or anonymised.

An exemption is made for vehicle speed and vehicle driving direction information. Such data will be deleted immediately after the purpose for which the data was transferred has ended and in any case no more than 30 seconds after being received. An example of a purpose for which such data is used is the downloading of Li-ion battery chargers' locations.

An exemption is also made for location data. Such data will be deleted immediately after the purpose for which the data was transferred has ended and in any case no more than 30 seconds after being received. An example of a purpose for which such data is used is the fact that the location of a Li-ion battery that is being charged is combined with information regarding the weather at that location at that time, since weather conditions have an impact on Li-ion battery range and degradation.

An exemption is also made for Li-ion battery information, which will be stored until the Li-ion battery is demounted from the electric vehicle.

An exemption is also made for the telematics and YOU+NISSAN subscription data, which will be stored until the electric vehicle owner deregisters from NissanConnect EV.

DISCLOSURE OF PERSONAL DATA

NISSAN Japan and Local Controllers may disclose personal data to any member of their respective groups, which means their subsidiaries, holding companies and each of their subsidiaries.

NISSAN Japan and Local Controllers may also disclose personal data to third parties as follows:

- if they sell or buy any business or assets, in which case they may disclose personal data to the prospective seller or buyer of such business or assets;
- if either of them, or substantially all of their assets, are acquired by a third party;
- if they are under a duty to disclose or share personal data in order to comply with any legal obligation, or in order to enforce or apply the NissanConnect EV terms of use;
- personal data may be disclosed to data processors who may undertake processing on behalf of either NISSAN Japan or Local Controllers.

NISSANCONNECT EV MENU

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

1. Touch [Info] on the Launch Bar.
2. Touch [NissanConnect EV].
3. Select an item from the NissanConnect EV menu screens.



INFO:

The NissanConnect EV menus can also be accessed by pushing <  > and then selecting [NissanConnect EV].

Available items	Content
[Favourite Channels]	Favourite channels selected from the information channels can be stored in a folder.  "Storing favourites" (page 5-11)
[Update Stations]	Charging station information can be updated through connection to the Nissan Data Centre.  "Updating charging station information" (page 2-7)
[Information Channels]	Information channels can be selected and viewed.  "Viewing information channels" (page 5-10)
[NissanConnect EV Records]	The information channels that were referred to previously can be displayed.  "Viewing NissanConnect EV records" (page 5-12)

Available items	Content
[Charging Availability]	Availability of charging stations can be confirmed.  "Confirming charging station availability" (page 2-6)
[NissanConnect EV]	NissanConnect EV settings can be changed.  "NissanConnect EV settings" (page 5-13)

VIEWING INFORMATION CHANNELS

Contents of the various NissanConnect EV information can be downloaded.

1. Touch [Info] on the Launch Bar.
2. Touch [NissanConnect EV].
3. Touch [Information Channels]. A list screen is displayed.
4. Touch a preferred folder. A list of information channels is displayed. The content is announced by the system (Text-to-Speech) while the vehicle is being driven, or if parked, you can read the content on the display.



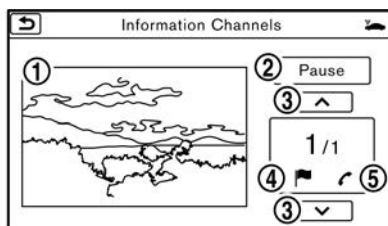
INFO:

- Touch [Stop] during communication with the Nissan Data Centre to cancel the connection.

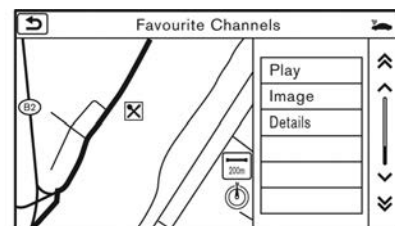
- A message is displayed when the communication is disconnected while downloading information due to a poor communication status. Select [Yes] to restart the download.
- Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.
- Some terminology such as personal names, place names, special terms, symbols, etc. may not be announced correctly. This is not a malfunction.
- The system will pause announcements when interrupted by the voice guidance given by the navigation system. When the voice guidance finishes, the system will restart the announcement.
- The volume can be adjusted when the system announces the information.
 "Volume and Beeps settings" (page 1-13)
- The selected content is read out while the vehicle is being driven, or if parked, you can read the content on the display.

Screen information

When information is downloaded from the Nissan Data Centre, the contents of the information are displayed while the vehicle is stopped.



- ① Contents:
The contents of the NissanConnect EV channels are displayed.
- ② Pause:
Stops the Text-to-Speech voice announcements and displays the operation menu items on the right side of the screen.
- ③ [^]/[v]:
Turns to the next or previous page if the information has a number of content pages.
- ④  :
If the information contains map information, the icon is displayed. It can be set as the destination.
- ⑤  :
If the information contains phone number information, the icon is displayed. It is possible to make a phone call to the facility.



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



INFO:

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

STORING FAVOURITES

Favourite channels selected from the information channels can be stored in a folder.

1. Touch [Info] on the Launch Bar and touch [NissanConnect EV].
2. Touch [Favourite Channels].
3. Touch [Add New]. A folder list is displayed.
4. Touch the preferred folder from the list. An information channel list is displayed.
5. Touch a favourite channel to be stored.

6. Check the contents of the message, then touch [Yes]. When the contents of the information are sent to the Nissan Data Centre, the registration is completed.

**INFO:**

- The contents that are entered in the favourites folder need to be transmitted to the Nissan Data Centre. Registration of the contents is not completed until the data is transmitted to the Nissan Data Centre.
- A message is displayed if communication is interrupted while downloading information. Touch [Yes] to restart the download.

VIEWING NISSANCONNECT EV RECORDS

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

1. Touch [Info] on the Launch Bar and touch [NissanConnect EV].
2. Touch [NissanConnect EV Records]. An Information channel list is displayed.

**INFO:**

- When the number of channels stored in the history reaches the limit, the system deletes the oldest channel and saves a new channel.

- One channel that should not be deleted can be protected. To protect history of information channels visited, display the screen for the information channel you want to protect and after auto-play has been paused, touch [Lock Channel].

NISSANCONNECT EV SETTINGS

The NissanConnect EV setting can be changed.

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



INFO:

[NissanConnect EV] can also be accessed from [Settings] on the Launch Bar or from Zero Emission menu screen.

Setting items			Action
[Email Notifications]	[Store locations with charge reminder]	[Add New]	Sends a notification to a preset e-mail address. This notification includes the charge connector status and the charge completion. To receive a notification to your personal computer or mobile phone, an e-mail address should be set beforehand. For details, access the YOU+Nissan Owners' Portal.
		Location list	Touch to add a regularly used charging station to receive unplugged charging connector messages.
			[Edit Name] Changes the name of a stored location.
			[Relocate] Adjusts the location of the stored location.
			[Delete] Deletes the stored address.
		[OK]	Applies the settings.

	[Time before charge reminder]	This confirms the charge connector status at the set checking time. If the charge connector is then disconnected, a notification is sent to the preset e-mail address. Select from [5 min], [10 min], [15 min], [30 min] and [1 hour]. When the power switch is placed in the OFF position from the ON position, the setting will be set to ON.  "NissanConnect EV overview" (page 5-2)
	[Charge reminder]	With this item turned on, the system recognises that the charge connector is not connected to the vehicle even though the charge timer function is set, the system transmits this information to the Nissan Data Centre. When the Nissan Data Centre receives the information, it will send an e-mail to the specified address to inform you of the charge connector status.
	[Charging Stop Messages]	With this item turned on, if a Li-ion battery charge is interrupted before it is completed, the system recognises this and transmits this information to the Nissan Data Centre. When the Nissan Data Centre receives the information, it will send an e-mail to the specified address to inform you of the Li-ion battery charge status.
	[Reset All Notifications to Default]	Saved locations for charging messages will be deleted and charging messages settings will set to the factory default settings.
[Security Settings]		NissanConnect EV registration cannot be completed from this menu. For registration, please visit the YOU+Nissan Owners' Portal.
[Auto Update Charging Stations]		When this item is turned on, new charging station information will be downloaded monthly from the Nissan Data Centre, automatically updating the map data.
[General Notifications]		The information that is sent from the Nissan Data Centre is displayed.

[Information Channel Setting]	[Download Automatically]	[Select Download Interval]	Select automatic download interval from [None], [Power on] (downloaded when power is turned on), [Every 30 min], [Every 60 min] and [Every 120 min].
		[Select Information Channel]	Select an information channel from the list to start the automatic download of the channel.
	[Edit Channel List]	[Add to Favourites]	A maximum of 16 favourite channels selected from the information channels can be stored in a folder.  "Storing favourites" (page 5-11)
		[Update Channel List]	Connect to the Nissan Data Centre and update the information channel list.
		[Initialise Channel List]	Restore the information channel list to the factory default setting.
	[Delete All Information Channel History]		All information channel history will be deleted.
[Data Upload Settings]	[Share Vehicle Information]		When this item is turned on, vehicle information (driving history, etc.) is automatically sent to the Nissan Data Centre.
	[Delete Shared Vehicle Information]		Vehicle information (driving history, etc.) is deleted.
[Unit ID Information]		Display the Unit ID, TCU (Telematics Control Unit) ID, SIM ID and VIN Information necessary for user registration.	
[Initialise All NissanConnect EV Settings]		All NissanConnect EV settings are returned to default.	



INFO:

- Notes on [Charge reminder]:

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

- The system will check the connection status of the charge connector within the period of time set, but will not check once this period of time has been exceeded. Therefore, if the charge connector is removed from the vehicle after the period of time set, a notification is not sent.
- The charge connector status notification does not indicate the start of Li-ion battery charging.
- No notification is sent if the vehicle is outside the communication service area.
- The notification does not include the reason why the charge connector is disconnected.
- If the vehicle is not used for 2 weeks, communication with the vehicle is disabled.
- If the power switch is in the ON position, no notification is sent.

- Notes on [Charging Stop Messages]:

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

- The charge interruption notification does not always indicate the completion of Li-ion battery charging.
 - This notification does not mean that the timer charge function did not start at the time set.
 - No notification is sent if the vehicle is outside the communication service area.
 - The notification does not include the reason why the Li-ion battery charging was interrupted.
 - If the vehicle is not used for 2 weeks, communication with the vehicle is disabled.
 - If the power switch is in the ON position, no notification is sent.
- Once the information channels are deleted from the history, the deleted items cannot be restored.

ERROR MESSAGE ON COMMUNICATION

The display may show the following messages on the screen while using the NissanConnect EV. If the messages are displayed, follow the instructions on the screen. Otherwise, please visit the YOU+Nissan Owners' Portal.

Error message	Possible solution
System Busy.	The system is busy. Please wait.
No service.	The service is not available in the area. Please try again in an area where connection to the Nissan Data Centre is possible.
The connection to the centre failed.	Connection to the Nissan Data Centre failed. Please try again later.
Telematics communication is currently busy. Please try again later.	The line is busy. Please try again later.

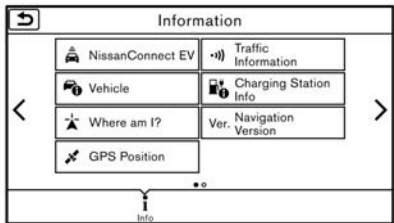
MEMO

6 Viewing information

Information menu 6-2

INFORMATION MENU

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



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

Menu item		Result
[NissanConnect EV]		Display the NissanConnect EV (NissanConnect EV) menu screen.  "5. NissanConnect EV"
[Traffic Information]	[Info. on Route]	Displays traffic information along the route.
	[Nearby Traffic Info.]	Displays nearby traffic information.
	[Weather]	Displays weather information.
	[Forecast]	Displays forecast information.

Menu item			Result
[Vehicle]	[Energy Information]	[Energy Economy]	Estimated driving range, average energy economy and instant energy economy are displayed. ☞ “Viewing energy economy information” (page 2-8)
		[History]	The previous 10 histories of the average energy economy are displayed. ☞ “Viewing energy economy history” (page 2-8)
		[Energy Usage]	Estimated driving range and energy usage of various systems are displayed. ☞ “Viewing energy usage information” (page 2-9)
	[Maintenance]	[Reminder 1] - [Reminder 4]	Maintenance intervals can be displayed and changed. Register preferred interval by touching [+] / [-] and turn on/off the reminder by touching [ON]. Touch [Reset Distance] to reset the interval. The maintenance reminder will be automatically displayed when both of the following conditions are met: - the vehicle is driven the set distance and the power switch is pushed to the LOCK position. - the power switch is pushed to the ACC or ON position the next time you drive the vehicle after the set value has been reached. Touch [OK] on the reminder screen to return to the previous screen.
[Charging Station Info]	[Near Current Location]		Location information about the charging stations around the selected area can be checked. Touch the preferred charging station from the list. Touch [Map] to display the selected charging station and to set it as a destination. Touch [Call] to make a call to the charging station. Touch [Details] to display detail information such as the type and number of charging devices at the charging station. Touch [Options] to select option items. ☞ “Finding charging station” (page 3-18)
	[Near Destination]		
	[Near Scroll Position]		
	[Near City Centre]		
[Where am I?]			The name and distance of the next/previous street, and other information that indicates the current vehicle location are displayed. GPS coordinates and altitude are shown on the bottom right.
[Navigation Version]			Displays the information of the current map version, programme version, unit code, etc.
[GPS Position]			Displays GPS information, such as number of satellites, latitude/longitude, and approximate altitude.



INFO:

- Services of [Traffic Information] is available only in areas where RDS-TMC is broadcast. RDS-TMC information is not available in some regions.

- Notes on TMC weather information:

The weather list order is based on RDS-TMC radio signal reception rather than the distance to the current vehicle location. The distance to the current vehicle location is always within 50 km (30 miles). However, the distance may be inaccurate or not mentioned, depending on broadcasted events.

- Notes on TMC forecast information:

The forecast list order is based on RDS-TMC radio signal reception rather than distance to your vehicle location. The distance to the current location is always within 50 km (30 miles). However, the distance may be inaccurate or not mentioned, depending on broadcasted events.

7 Hands-Free Phone

Bluetooth® Hands-Free Phone System.....	7-2	Hands-free phone settings	7-5
Indicators	7-3	Bluetooth® setting.....	7-8
Phone.....	7-3		

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 12-volt battery, use a phone after the READY to drive indicator light is ON.

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

Once a mobile 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 power switch is pushed to the ON position with the selected mobile phone turned on and carried in the vehicle.

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

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

"8. Voice recognition"

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

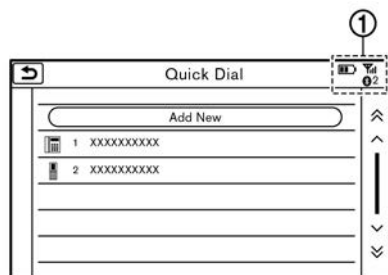
- Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when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

Consult a NISSAN dealer or qualified workshop for phone compatibility.

- You will not be able to use a hands-free phone under the following conditions:
 - Your vehicle is outside of the telephone service area.
 - Your vehicle is in an area where it is difficult to receive radio waves; such as in a tunnel, in an underground parking garage, behind a tall building or in a mountainous area.
 - Your mobile phone is locked in order to prevent dialling.
- When the radio wave condition is not ideal or ambient sound is too loud, it may be difficult to hear the other person's voice during a call.
- Immediately after the power switch is pushed to the ON position, it may be impossible to receive a call for a short period of time.
- Do not place the mobile 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 mobile phone is connected through the Bluetooth® wireless connection, the battery power of the mobile phone may discharge quicker than usual.
- Consult a NISSAN dealer or qualified workshop if the Bluetooth® Hands-Free Phone System seems to be malfunctioning.

- Some mobile 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 mobile phone owner's manual regarding the telephone pairing procedure specific to your phone, battery charging, mobile phone antenna, etc.
- The antenna display on the monitor may not coincide with the antenna display of some mobile phones.
- The battery display on the monitor may not coincide with the battery display of some mobile phones.
- Keep the interior of the vehicle as quiet as possible to hear the caller's voice clearly as well as to minimise its echoes.
- If reception between callers is unclear, adjusting the incoming or outgoing call volume may improve the clarity.
- The microphone is located near the map light.

INDICATORS



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

	Indicates the Bluetooth® device that is selected.
	Indicates the strength of the signal the Bluetooth® device is receiving.
	Indicates the amount of remaining Bluetooth® device battery.

PHONE

Connecting Bluetooth® Hands-free Phone

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

"Connecting Bluetooth® device" (page 1-16)

Phone selection

Select one of the connected devices for operation.

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



INFO:

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

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

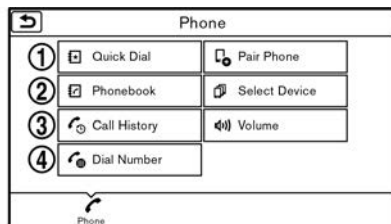


INFO:

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

Making a call

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



① [Quick Dial]:

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

☞ “Quick Dial” (page 7-7)

② [Phonebook]:

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

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

☞ “Phone settings” (page 7-5)

③ [Call History]:

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

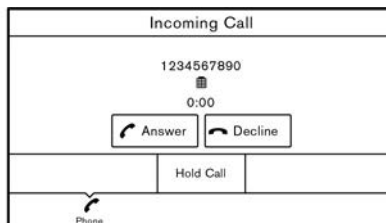
④ [Dial Number]:

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

☞ “How to input letters and numbers” (page 1-10)

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

Receiving a call



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

Taking a call:

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

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

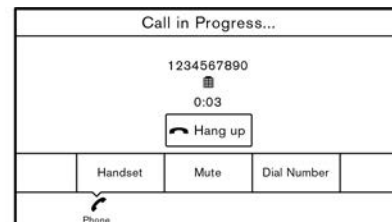
Rejecting a call:

To reject the call, touch [Decline].

Holding a call:

To hold the call, touch [Hold Call].

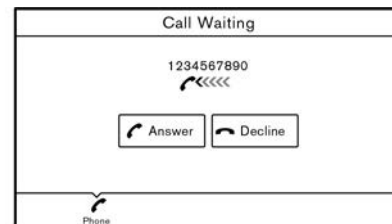
During a call



The screen as illustrated will appear during a call.

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

Call from a second person:



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

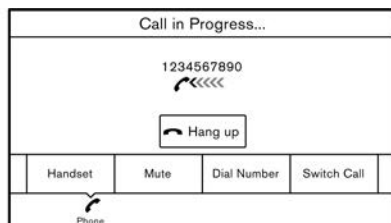
Rejecting call from a second person:

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

Answering call from a second person:

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

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



The screen as illustrated will appear during a call with a second person.

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

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

Operations during a call:

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

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

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

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



INFO:

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

HANDS-FREE PHONE SETTINGS

Phone settings

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

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

The following phone setting items are available.

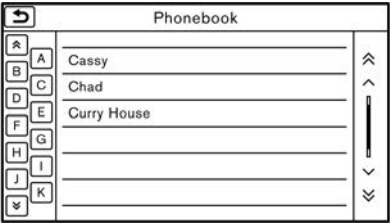
Setting item		Action
[Quick Dial]	[Edit]	Entries in the Quick Dial can be edited. Touch [Add New] to register a new entry.
	[Delete All]	Deletes all of the phone number in the Quick Dial.
[Call History]	[Incoming]	Items in the calls history can be deleted or be registered in the Quick Dial.
	[Outgoing]	
	[Missed]	
[Phonebook]	[Download Entire Phonebook]	All of the phone numbers that are stored in a phonebook of a mobile phone that is connected to the vehicle are downloaded at once.
	[Download 1 Entry]	Each of the phone numbers that are stored in the phonebook of a mobile phone that is connected to the vehicle is downloaded one by one.
	[Downloaded List]	The downloaded phonebook data is displayed. The items on the list can be added to the Quick Dial entries or be deleted from the phonebook.
[Volume]	[Ringer Volume]	Adjust the volume level of the ringtone by touching [+] or [-].
	[Incoming Volume]	Adjust the incoming call volume by touching [+] or [-].
	[Outgoing Volume]	Adjust the outgoing call volume by touching [+] or [-].
	[Automatic Hold]	When this function is activated, an incoming phone call will be put on hold automatically.
	[Vehicle Ringtone]	When this function is activated, a specific ringtone that is different from that of the mobile phone will sound when receiving a call.
[Auto Downloaded]		Turns the automatic download on/off.



INFO:

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

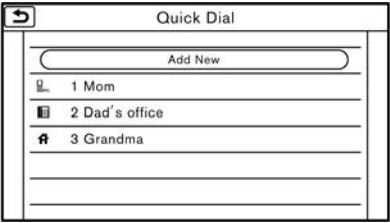
Phonebook



Phonebook information in mobile phones can be downloaded to be used for making calls.

“Phone settings” (page 7-5)

Quick Dial



Up to 5 Quick Dial entries can be registered.
Quick Dial entries can be used to make a call.

Registration:

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

Available methods:

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

INFO:

Available methods may vary depending on conditions.

5. The registration screen is displayed. Enter and edit the entry information as necessary.
6. Touch [OK] to save the entry.



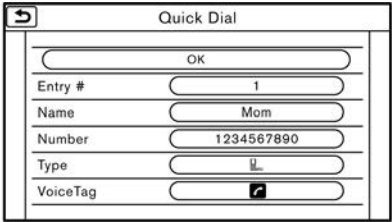
INFO:

Quick Dial entries can also be registered by touching [Settings] on the Launch Bar and then selecting [Phone].

“Phone settings” (page 7-5)

Voice Tag:

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



On the Quick Dial registration screen, select [VoiceTag].

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

BLUETOOTH® SETTING

The Bluetooth® setting can be changed.

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

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

8 Voice recognition

Voice recognition.....	8-2	Giving voice commands.....	8-2
Using Voice Recognition System	8-2	Voice recognition settings.....	8-18
Before starting.....	8-2		

VOICE RECOGNITION

USING VOICE RECOGNITION SYSTEM

Initialisation

When the power switch is pushed to the ON position, Voice Recognition is initialised. When the initialisation is complete, the system is ready to accept voice commands. If <🗑️> on the steering wheel is pushed before the initialisation completes, the display will show a message to wait until the system is ready.

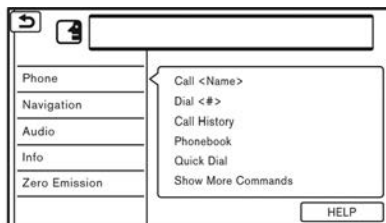
BEFORE STARTING

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

- The interior of the vehicle should be as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noise, vibration sounds, etc.), which may prevent the system from correctly recognising 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 recognise voice commands spoken from passenger's seat.

GIVING VOICE COMMANDS

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



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

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

INFO:

- Some of the commands for each category are shown on the right side of the screen and they can also be spoken without selecting a category.
- After executing the category command, only the commands related to the selected category can be recognised.

 "Command list" (page 8-5)

3. After the tone sounds and the icon on the screen changes from  to , speak a command. You can also select a command by directly touching the screen or by tilting <▲>/<▼> up or down and pushing <OK> on the steering wheel.

INFO:

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

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

INFO:

To quit voice command operations, push and hold <🗑️> or <🔄> on the steering wheel.

Operating tips

- Speak a command after the tone.
- If the command is not recognised, the system will prompt you to speak the command again. Repeat the command in a clear voice.
- Touch [🔄] on the touch screen to return to the previous screen.
- To exit the Voice Recognition system, push and hold <🗑️> on the steering wheel.

- To adjust the volume of the system feedback, push < - [VOL] + > on the steering wheel or push <VOL> on the control panel while the system is making an announcement.

The volume setting is also available from [Guidance Volume] in the [Settings] on the Launch Bar.

 "Volume and Beeps settings" (page 1-13)

- When setting a destination for route guidance with some search methods, such as POI search, the search area is automatically set to the country where your vehicle is located. Select country to change the search area to another region if necessary.

Voice Prompt Interrupt:

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

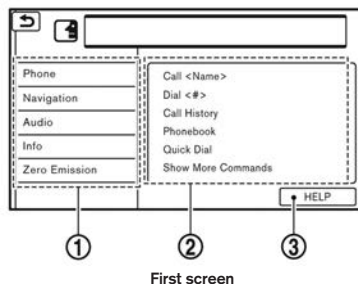
One Shot Call:

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

How to see voice command screen

1. Push < [VOLUME] > to display the first screen of the voice command list.
2. Speak a command or select an item on the voice command list. The Second screen is displayed.
3. Speak a command or select an item on the voice command list. The command is executed or the next screen for further command is displayed.
4. Follow the prompts to complete the commands.

Voice command screens:

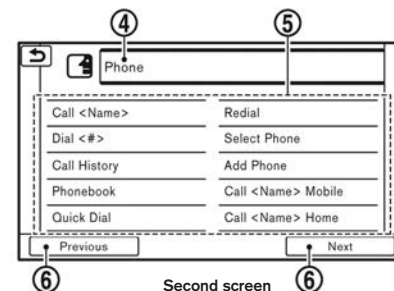


- ① Shows a list of available categories. Speak a category command or touch the key of the corresponding category.
- ② Shows a list of available commands for the selected category. Speak a preferred command.
- ③ Touch [HELP] or say "Help" to hear help announcements on how to use the system.



INFO:

Push < [VOLUME] > to stop the help announcements.



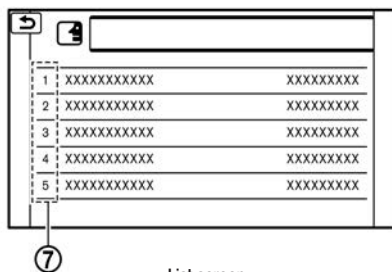
- ④ Previously selected command.

- ⑤ Command list

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

- ⑥ [Previous]/[Next]

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



List screen

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

How to speak numbers

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

General rule:

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

Example:

1-800-662-6200

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



INFO:

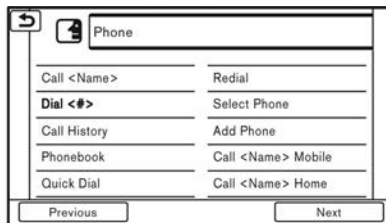
For the best recognition, speak “zero” for the number “0”, and “oh” for the letter “o”.

Voice command examples

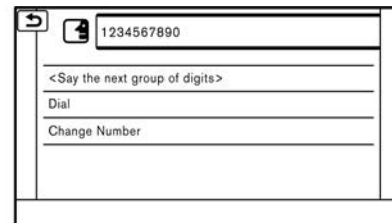
As examples, some additional basic operations that can be performed by voice commands are described here.

Example 1 Placing a call by speaking a phone number:

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



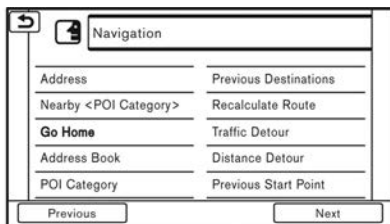
3. Speak “Dial <phone number>”.



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

Example 2 Setting home as a destination:

1. Push <☰> located on the steering wheel.
2. Wait for the indicator change to ☑. Speak “Navigation”.



Command list

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

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

Some navigation commands are only for English.

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



INFO:

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

Example 3 Displaying folders in the USB device:

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

General Command

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

General phone command

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

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

Phone Command

1st Com- mand	2nd Com- mand	3rd Com- mand	4th Com- mand	Action
Phone	Phonebook	<phonebook name>		Makes a call to a contact that is stored in the mobile phone. You can select the type from [Mobile], [Home], [Office], [General] or [Other].
		<phonebook name> <type>		
	Call History	Incoming Calls		Displays an Incoming Call list.
		Outgoing Calls		Displays an Outgoing Call list.
		Missed Calls		Displays a Missed Call list.
	Dial <#>	Dial		Makes a call to a spoken phone number.
		Change Number		Change a spoken phone number.
	Redial			Makes a call to the last outgoing phone number.
	Add Phone			Use this command to connect a compatible Bluetooth® device to system. Follow the on-screen instructions to complete the pairing process from your handset.
	Select Phone	<1 - 5>		Use this command to select a phone from a list of the registered devices.
	Quick Dial	<quick dial name>		Makes a call to a contact that is stored in the Quick Dial.
		<1 - 5>		
	Call <name>			Makes a call to a contact that is stored in the Quick Dial or phonebook.
Call	<phonebook name>		Makes a call to a contact that is stored in the mobile phone.	
	<phonebook name> <type>		Makes a call to a contact that is stored in the mobile phone. You can select type from [Mobile], [Home], [Office], [General] or [Other].	

Operating tips for phone command operation:

- After the command “Call”, a name registered in the phonebook can be spoken for recognition, while a phone number can be spoken after the command “Dial”. Names from the phonebook cannot be spoken after the command “Dial”.
- Names in the phonebook can be recognised when only a first name is spoken or when spoken in the order of first name and then the last name. The system does not recognise the commands when only a last name is spoken or if the phonebook name was pronounced with last name first and then the first name.

- Even if nicknames such as “Mom” or “Dad” are registered in the mobile phone, the voice recognition system recognises only names. To have the system recognise the nicknames, register the entries in the [Quick Dial] from the Phone menu.

 “Quick Dial” (page 7-7)

General navigation command

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

Command	Action
Select City	Search a destination from the specified city.
Change City	Change the city to search.
Calculate Route	Calculate a route.
Adjust Location	Fine-tune the destination.
Add as Waypoint	The selected location will be added to the route as a waypoint.
Change Address	After address is specified, city, street, house number, etc. can be changed.

Navigation Command

1st Command	2nd Command	3rd Command	Action
Navigation	Address		To search for a street address, follow the prompts to enter the street address.
	Nearby	<1 - 5>	When a route is set, options of [Near Current Location], [Along Route] and [Near Destination] will be displayed. Select an item to search for the POI of the selected category in the preferred area.
	POI Category		
	Go Home		Sets a route to your home location.
	Previous Destinations	<1 - 5>	Sets a route to a previously entered destination.
	Address Book	<Stored location name> <1 - 5>	Sets a route to a location stored in the Stored location.
	Recalculate Route	ECO	Sets the route search condition to find a route that is most energy saving.
		Fastest	Sets the route search condition to find the fastest route.
		Shortest distance	Sets the route search condition to find the route that is the shortest in distance.
		Minimise Motorway	Sets the route search condition to find a route with a minimal use of motorways.
	Traffic Detour		Sets the route search condition to detour traffic jam and traffic accident.
	Distance Detour		Sets a detour according to the distance selected from the list.
	Previous Start Point		Sets a route with the previous starting point as a destination.
	Cancel Route		Cancels route and deletes the destination/waypoints.
	Zoom In		Zooms in the map scale by 1 step.
	Zoom In <1-13>		Increases the magnification of the map by the number of steps specified.
	Zoom Out		Zooms out the map scale by 1 step.
	Zoom Out <1-13>		Decreases the magnification of the map by the number of steps specified.

1st Command	2nd Command	3rd Command	Action
	Zoom Street Level		Change to the street map.
	North Up		Sets the 2D full map to North Up.
	Heading Up		Sets the 2D full map to Heading Up.
	Full Map		Displays a full map.
	Split Map		Displays a split map.
	2D Map		Change the current map to a 2D Heading Up map.
	3D Map		Change the current map to a 3D map.
	Repeat Voice Guidance		Speaks the current navigation guidance.
	Voice Guidance ON		Turns the navigation guidance on.
	Voice Guidance OFF		Turns the navigation guidance off.
	Show POI Icons		Select a category of POI the icon you wish to display on map. Selected POI icons will be displayed on the map screen.
	Remove POI Icons		Select a category of the POI icon you wish to delete from the map. Selected POI icons will be deleted from the map screen.
	Route Information		Display the route information.
	Where am I?		Displays the information of the current position.

Operating tips for navigation command operation:

- Some of the navigation commands are not available depending on the language setting.
- Depending on the area where the vehicle is located, the system may not recognise the general navigation commands.
- The command "Address" can be used only in the following languages:

Country of Destination	Language Setting
United Kingdom	UK English
France	French
Germany	German
Italy	Italian
Spain	Spanish
Portugal	Portuguese
Holland	Dutch
Switzerland	French, Italian, German
Belgium	German, Dutch, French
Austria	German

Audio Command

1st Command	2nd Command	3rd Command	Action
Audio	Play	AM	Turns to the AM band, selecting the last played station.
		FM	Turns to the FM band, selecting the last played station.
		DAB	Turns to the DAB band, selecting the last played station.
		CD	Turns on the CD, selecting the last played mode.
		USB	Turns on the USB, selecting the last played mode.
		iPod	Turns on the iPod, selecting the last played mode.
		Bluetooth Audio	Turns on the Bluetooth® audio, selecting the last played mode.
		AUX	Turns on the AUX audio, selecting the last played mode.

1st Command	2nd Command	3rd Command	Action
	Play AM		Turns to the AM band, selecting the last played station.
	Play FM		Turns to the FM band, selecting the last played station.
	Play DAB		Turns to the DAB band, selecting the last played station.
	Play CD		Turns on the CD, selecting the last played mode.
	Play USB		Turns on the USB, selecting the last played mode.
	Play iPod		Turns on the iPod, selecting the last played mode.
	Play Bluetooth Audio		Turns on the Bluetooth® Audio, selecting the last played mode.
	Play AUX		Turns on the AUX audio, selecting the last played mode.
	AM		Turns to the AM band, selecting the last played station.
	FM		Turns to the FM band, selecting the last played station.
	DAB		Turns to the DAB band, selecting the last played station.
	CD		Turns on the CD, selecting the last played mode.
	USB		Turns on the USB, selecting the last played mode.
	iPod		Turns on the iPod, selecting the last played mode.
	Bluetooth Audio		Turns on the Bluetooth® Audio, selecting the last played mode.
	AUX		Turns on the AUX audio, selecting the last played mode.
	AM <am frequency>		Turns to the AM band, selecting the station of the preferred frequency.
	AM Preset <1-6>		Plays the spoken AM preset station.
	FM <fm frequency>		Turns to the FM band, selecting the station of the preferred frequency.

1st Command	2nd Command	3rd Command	Action
	FM Preset <1-12>		Plays the spoken FM preset station.
	USB Show Folders		Displays folders in the USB memory device.
	USB Play Folder <folder name>		Plays songs in the selected folder in the USB memory device.
	USB Play File <file name>		Plays songs in the selected file in the USB memory device.
	iPod Play Artist	<name>	Turns on the iPod, selecting the artist.
	iPod Play Album	<name>	Turns on the iPod, selecting the album.
	iPod Play Song	<name>	Turns on the iPod, selecting the track. You can speak the commands successively
	iPod Playlist	<name>	Turns on the iPod, playing the playlist that you spoke.
	iPod Show Artists		Displays a list of Artist names stored in the iPod.
	iPod Show Albums		Displays a list of Albums in the iPod.
	iPod Show Songs		Displays a list of songs in the iPod.
	iPod Play Artist <name>	<1-5>	Turns on the iPod, selecting the artist.
	iPod Play Album <name>	<1 - 5>	Turns on the iPod, selecting the album.
	iPod Play Song <name>	<1 - 5>	Turns on the iPod, selecting the track. You can speak the commands successively.
	iPod Playlist <name>	<1 - 5>	Turns on the iPod, playing the playlist that you spoke.
	iPod Play All Songs		Plays all songs in the iPod.
	Play Artist <artist name>		Plays the song of the corresponding song list in the iPod.
	Play Album <album name>		
	Play Song <song name>		
	Play Playlist <playlist name>		

Operating tips for audio command operation:

- An audio device connected via Bluetooth® cannot be operated with the Voice Recognition system. Source change is only available for Bluetooth® streaming Audio.
- When selecting “Yes” in the pop-up screen that displays after a new USB audio device is connected, the USB audio device is registered in the voice recognition system and is selected automatically. One iPod and one USB device can be registered in the system. If a USB audio device is newly registered, old data is overwritten. It may take a few moments to register an audio device. If you want to enable voice operation for music stored in a previously registered audio device, select the device you want to use in advance. Even when a device has been previously registered, simply connecting the device will not result in it being selected automatically.

 “Voice recognition settings” (page 8-18)

- The Voice Recognition system may not function when the song information is too long (artist names, album titles, song titles and play lists, etc.).
- When playing USB files with the voice recognition system, do not pronounce the extension attached to the file name (such as “.mp3”).
- Song titles registered in ID3 tags cannot be pronounced for voice recognition operation.

Information Command

1st Command	2nd Command	Action
Information	Where am I?	Displays information of the current position.
	Update Charging Stations	Updates nearby charging stations.
	Maintenance	Displays maintenance information screen.

Zero Emission Command

1st Command	2nd Command	Action
Zero Emission	Driving Range	Displays the driving range screen.
	Nearby Stations	Searches for nearby charging stations.
	Favourite Channels	Plays favourite channels.
	Information Channels	Plays information channels.
	Update Charging Stations	Updates nearby charging stations.
	Energy Economy	Displays Energy Economy information.
	Energy Usage	Displays Energy Usage information.

VOICE RECOGNITION SETTINGS

The voice recognition settings can be changed.

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

Available settings

- [Minimise Voice Feedback]:

Turns the minimise voice feedback function on/off. When this item is turned on, short and minimised voice feedback will be provided.

- [Audio device setting]:

Select an audio device to be operated via the Voice Recognition system from the audio devices connected to the USB connection port. A device with an indicator light illuminated can be operated with the Voice Recognition system.

9 General system information

Current vehicle location	9-2	How to handle the Map SD card.....	9-8
Display of current vehicle location	9-2	How to order map data updates.....	9-8
What is GPS (Global Positioning System)?	9-2	About map data	9-8
Incorrect display of vehicle position.....	9-3	End-user terms	9-9
Detailed Map Coverage Areas (MCA) for navigation system	9-5	How to handle display.....	9-11
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Repeating voice guidance.....	9-7	How to handle the SD card.....	9-12
Notes on voice guidance.....	9-7	How to handle CD and USB memory.....	9-12
Map data	9-8	CD	9-12
		USB memory device	9-12

CURRENT VEHICLE LOCATION

DISPLAY OF CURRENT VEHICLE LOCATION

This navigation system combines the data obtained from the vehicle (by gyro sensor) and from GPS (Global Positioning System) satellites to calculate the current location of the vehicle. This position is then displayed throughout route guidance to a destination.

WHAT IS GPS (GLOBAL POSITIONING SYSTEM)?

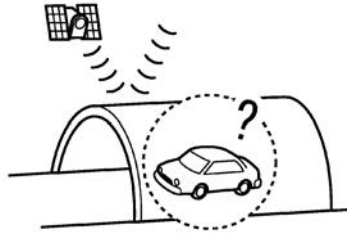
GPS is a position detecting system that uses satellites deployed by the U.S. government. This navigation system receives radio signals from three or more different satellites that orbit 21,000 km (13,049 miles) above the earth in space, and detect the position of the vehicle by utilising the principle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

Positioning adjustment

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

Receiving signals from GPS satellites

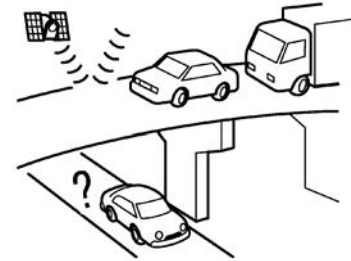
The reception of GPS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GPS signals.



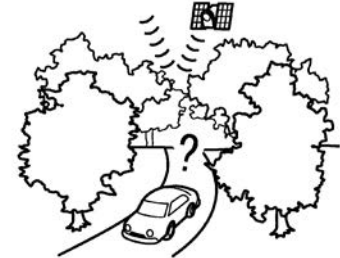
- Inside tunnels or parking garages.



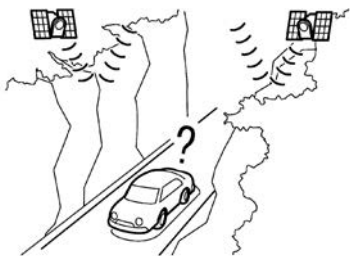
- In areas with numerous tall buildings.



- Under multi-layered motorways.



- Areas with numerous tall trees.



- In a canyon.

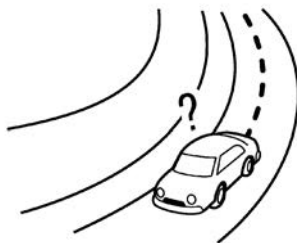


INFO:

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

INCORRECT DISPLAY OF VEHICLE POSITION

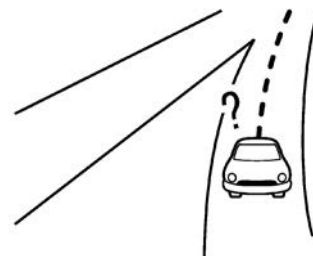
The following cases may affect the display accuracy of the vehicle's position or travelling direction. The accuracy will return to normal if the driving conditions return to normal.



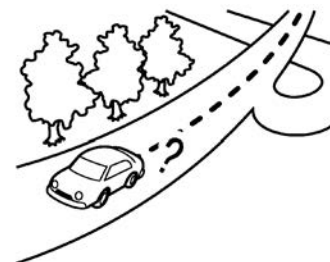
- When there is a similar road nearby.



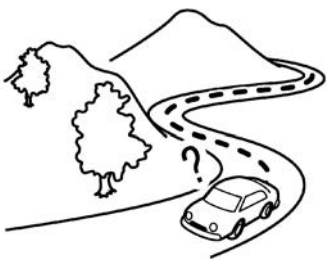
- When the vehicle is travelling in an area with a grid pattern road system.



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



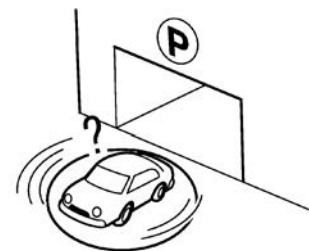
- When the vehicle is travelling on a continuous, slowly curving road.



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



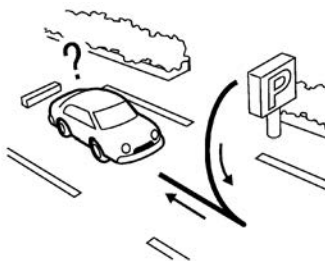
- When the vehicle is on a snow-covered or unpaved road.



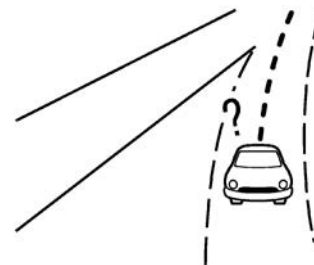
- When the vehicle is rotated on a parking lot turntable while the power switch placed in the OFF position.



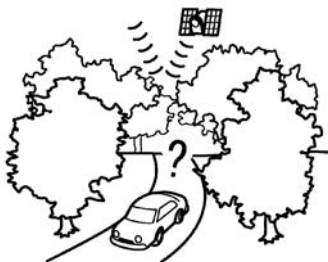
- When the vehicle is on a loop bridge.



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



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



- When the GPS positioning accuracy is low.



INFO:

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

DETAILED MAP COVERAGE AREAS (MCA) FOR NAVIGATION SYSTEM

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

Map data covers select metropolitan areas.

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



INFO:

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

ROUTE CALCULATION

- The navigation system does not provide route guidance for roads displayed in dark colour.
- If the destination is set on a dark coloured road, the enlarged map display will switch to the ordinary map screen at some point and suggest a route that is near the destination. The distance and direction to the endpoint of the suggested route will be displayed in the lower right corner of the screen. Also, at this time, voice guidance will announce that route to the destination includes incomplete map areas and that the voice guidance may not be available in those areas.

When approaching the endpoint of the suggested route, voice guidance will announce that the vehicle is entering the road with incomplete map data and that the direction arrow should be used to proceed to the destination.

To reach the destination, refer to the map screen. Always follow actual roads and regulations and drive safely.

- The suggested route may not be the shortest, nor are other circumstances such as traffic jams considered.
- Because of the inevitable difference in road conditions and circumstances between the time you use this system and the time the information was produced for the map data, there may be discrepancies in roads and regulations. In such cases, actual road conditions and regulations take precedence over map data information.

- During route calculation, the map will not scroll, however the vehicle icon will move according to the actual vehicle's movement.
- During route calculation, buttons such as <MAP/VOICE> and <MENU> will be disabled.
- In some cases, after the calculation is complete, the calculated route may not be immediately displayed.
- Waypoints that have been passed will be disregarded by rerouting calculation.
- If you scroll the map while the suggested route is being drawn, it may take more time to finish drawing.
- Route calculation may not be completed in the following cases.
 - If there is no main road within a range of 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:

Depending on the language setting, street names may not be announced.

REPEATING VOICE GUIDANCE

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



INFO:

If **<MAP/VOICE>** is pushed and held when the vehicle is going in the wrong direction, voice guidance will announce and recommends that the driver should make a legal U-turn if possible.

NOTES ON VOICE GUIDANCE

- Voice guidance in this system should be regarded as a supplementary function. When driving the vehicle, check the route on the map and follow the actual roads and traffic regulations.
- Voice guidance is activated only for junctions 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 junction.
- The voice guidance timing will vary depending on the situation.

- When the vehicle has deviated from the suggested route, voice guidance is not available. The system will not announce this. Refer to the map and recalculate the route.

 "Recalculating route" (page 3-37)

- Voice guidance may not accurately correspond with road numbers and directions at motorway junctions.
- Voice guidance may not accurately correspond to street names at motorway exits.
- The displayed street names may sometimes differ from the actual names.
- Voice guidance is not available when the [Guidance Voice] is turned off.

 "Volume and Beeps settings" (page 1-13)

- Voice guidance will start when the vehicle enters the suggested route. Refer to the map for directions to the starting point of the route.
- When approaching a waypoint, voice guidance will announce that the vehicle is getting close to the waypoint and the guidance will switch to the next section of the route. When voice guidance is not available, refer to the map for directions.
- In some cases, voice guidance ends before arrival at the destination. Refer to the destination icon on the map to reach the destination.

- If the system recognises on which side the destination (waypoint) is located, voice guidance will announce if it is on the right or left after announcing the arrival at the destination.
- Voice guidance may be partially operational or inoperative due to the angle of roads at a junction.
- 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.

MAP DATA

HOW TO HANDLE THE MAP SD CARD

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

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



NOTE:

Do not remove the SD card containing map data that is inserted in the slot. When this SD card containing map data is removed the navigation system will not operate. If the SD card containing map data is accidentally removed, after reinsert-

ing the SD card containing map data into the slot, place the power switch in the OFF position and then place it back in the ON position.

HOW TO ORDER MAP DATA UPDATES

The updated map data can be ordered and purchased from HERE via their website.

ABOUT MAP DATA

1. This map data has been prepared by CLARION CO., LTD. (CLARION), under license from HERE. and has added, processed and digitised data based on the digital road map data of HERE.. Due to the production timing of the map data, some new roads may not be included in this map data or some of the names or roads may be different from those at the time you use this map data.
2. Traffic control and regulation data used in this map data may be different from those at the time you use this map data due to the data production timing. When driving your vehicle, follow the actual traffic control signs and notices on the roads.
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WARNING

- This navigation system should not be used as a substitute for your own judgment. Any route suggestions made by this navigation system may never override any local traffic regulations, your own judgment, and/or knowledge of safe driving practices.

Disregard route suggestions by the navigation system if such suggestions would: cause you to perform a hazardous or illegal manoeuvre, place you in a hazardous situation, or route you into an area you consider unsafe.

- The advice provided by the navigation system is to be regarded only as a suggestion(s). There may be situations where the navigation system displays the vehicle's location incorrectly, fails to suggest the shortest course, and/or fails to direct you to your desired destination. In such situations, rely on your own driving judgment, taking into account the current driving conditions.
- Do not use the navigation system to route you to emergency services. The database does not contain a complete listing of the locations of emergency service providers such as police, fire sta-

tions, hospitals and clinics. Please use your judgment and your ability to ask for directions in these situations.

- As the driver you solely are responsible for your driving safety.
- In order to avoid traffic accidents, do not operate the system while driving.
- In order to avoid traffic accidents, operate the system only when the vehicle is stopped at a safe place and the parking brake is set.
- In order to avoid traffic accidents or traffic offences, remember that the actual road conditions and traffic regulations take precedence over the information contained on the navigation system.
- Accordingly, the Software may contain inaccurate or incomplete information due the passage of time, changing circumstances, and the nature of the sources used. Please observe the actual traffic circumstances and regulations at all times while driving.
- In a situation when the actual road conditions and traffic regulations differ from the information contained on the navigation system, abide by the traffic rules.
- The navigation system does not provide, or account for in any way, information regarding traffic and road laws; speed restrictions; road conditions including

road slope, grade, and/or surface conditions; obstruction information including bridge and tunnel height and width, and/or other prevailing driving and/or road conditions. Always rely on your own driving judgment, taking into account the current driving conditions.

- Minimise the amount of time spent viewing the screen while driving.

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HOW TO HANDLE DISPLAY

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

WARNING

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

CHARACTERISTICS OF LIQUID CRYSTAL DISPLAY

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

MAINTENANCE OF DISPLAY

CAUTION

- To clean the display screen, use a dry, soft cloth. If additional cleaning is necessary, use a small amount of neutral detergent with a soft cloth.
- Clean the display with the power switch in the OFF position. If the display is cleaned while the power switch is placed in the ON position or when the READY to drive indicator light is on, unintentional operation may occur.
- To clean the display, never use a rough cloth, alcohol, benzene, 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.

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.

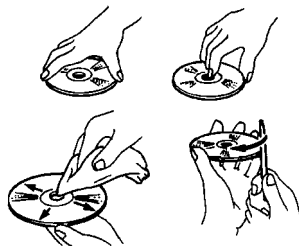
HOW TO HANDLE THE SD CARD

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

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

HOW TO HANDLE CD AND USB MEMORY

CD



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

Do not use a conventional record cleaner or alcohol intended for industrial use.
- A new disc may be rough on the inner and outer edges. Remove the rough edges by rubbing the inner and outer edges with the side of a pen or pencil as illustrated.

USB MEMORY DEVICE

- Never touch the terminal portion of the USB memory device.

- Do not place heavy objects on the USB memory device.
- Do not store the USB memory device in highly humid locations.
- Do not expose the USB memory device to direct sunlight.
- Do not spill any liquids on the USB memory device.

Refer to the USB memory device owner's manual for the details.

10 Troubleshooting guide

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SYSTEM UNIT

LIQUID CRYSTAL DISPLAY

Symptom	Possible cause	Possible solution
The screen is too dark.	The cabin temperature is too low.	Wait until the cabin temperature becomes moderate.
	Screen brightness is set to the maximum darkness.	Adjust the brightness setting of the screen.  "Display settings" (page 1-13)
The screen is too bright.	Screen brightness is set to the maximum brightness.	Adjust the brightness setting of the screen.  "Display settings" (page 1-13)
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).
When looking at the screen from an angle, the screen lightens or darkens.	This is a typical phenomenon for liquid crystal displays.	Adjust the brightness setting of the screen.  "Display settings" (page 1-13)
The screen turns blue or an error message is displayed on the touch screen display.	A system malfunction has occurred.	Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for an inspection.
	The SD card is not inserted into the slot correctly.	If the SD card containing map data is accidentally removed, after reinserting the SD card containing map data into the slot, push the power switch to the OFF position and then push back to the ON position again.
Navigation system related functions cannot be operated.	The SD card is not inserted into the slot.	Insert the appropriate SD card.  "Control panel" (page 1-2)

UNIQUE ELECTRIC VEHICLE FUNCTIONS

DRIVING RANGE

Symptom	Possible cause	Possible solution
The driving range cannot be displayed.	The power switch is in the ACC position.	The driving range can be displayed when the power switch is in the ON position or when the READY to drive indicator light is on.
	It cannot be displayed because the distance to empty is too short.	Charge the Li-ion battery. Once the distance to empty is increased it will be displayed.
The driving range is displayed in an oval shape.	As a result of the system correcting latitude and longitude, it may not be displayed as a circle.	This is not a malfunction.
The distance to empty that is displayed in the lower left hand side of the driving range screen and the scale of the map do not match.	As the map is displayed in 2D, the distance to empty may differ from the actual distance on the road.	This is not a malfunction. Drive using the numerical value on the lower left hand side of the screen as a guide.

CHARGING STATIONS

Symptom	Possible cause	Possible solution
The charging station icon display setting is off but icons are still displayed on the map.	The charging station displayed has been set as a stored location.	This is not a malfunction.
Searched for charging stations because charge recommendation guidance and the low battery warning were displayed, but could not find any.	In an area where the number of charging stations is low, it may not be possible to find a charging station located near the vehicle.	This is not a malfunction.
Charging station information is not displayed.	Information is not provided for all charging stations, so there may be cases when information is not displayed.	This is not a malfunction. Contact charging stations beforehand by phone to confirm whether they can be used.
Quick charging stations are not displayed.	Quick charge option may not be selected in the [Charging Station Search Options].	Select the quick charge option to include in the charging station search.  "Unique electric vehicle function settings" (page 2-14)

Symptom	Possible cause	Possible solution
The charging station information displayed is incorrect.	The map data is old.	Connect to the Nissan Data Centre and update charging station information. Alternatively, purchase new map data and update the system.
The charging station information provided by the system was incorrect and could not charge the Li-ion battery.	The map data is old.	Connect to the Nissan Data Centre and update charging station information. Alternatively, purchase new map data and update the system.
	Charging station facilities have changed, or the charge cable equipped cannot be used.	Contact the charging station by phone beforehand to check whether facilities can be used.

ENERGY INFORMATION DISPLAY

Symptom	Possible cause	Possible solution
The driving range increase/decrease when the air conditioner/heater is ON/OFF that is displayed in the energy usage information screen is displayed as +0 km (+0 mile) or -0 km (-0 mile).	The power used for the air conditioner/heater will decrease in response to the power used by the traction motor and the increase/decrease difference of the driving range will be under ± 1 km (± 1 mile). Also, when the Li-ion battery available charge is low, the increase/decrease of the driving range will also become smaller.	This is not a malfunction.

TIMER FUNCTION

Symptom	Possible cause	Possible solution
Charging does not start at the time set.	Timer charge has not been set to ON.	Check on the timer charge screen whether the indicator for the timer charge is turned on.
	The charge cable is not connected correctly.	Check that the charge cable is connected correctly.
	The immediate charge switch is in the ON position.	Check the immediate charge switch setting.
	The power switch is in the ON position.	Place the power switch in the OFF position when setting timer charge.
The air conditioner or heater does not operate at the time set.	The Climate Ctrl. Timer is not set to ON.	On the Climate Ctrl. Timer screen, check whether the Climate Ctrl. Timer indicator is on.
	The charge cable is not connected correctly to the vehicle.	Check whether the charge cable is connected correctly to the vehicle.
	When the Timer charge is set as the first priority, the Climate Ctrl. Timer will not operate until the remaining Li-ion battery power displayed in the meter exceeds 10 segments (80%).	Check the Climate Ctrl. Timer priority setting.  "Priority setting between timer charge and Climate Ctrl. Timer" (page 2-12)
	When the Climate Ctrl. Timer is set as the first priority, the Climate Ctrl. Timer operates only when remaining Li-ion battery power displayed in the meter is more than 2 segments (15%).	Charge the Li-ion battery so that the remaining Li-ion battery power displayed in the meter is more than 2 segments (15%) and then, operate the Climate Ctrl. Timer.
	The power switch is in the ON position.	Place the power switch in the OFF position when setting timer charge.

Symptom	Possible cause	Possible solution
The Climate Ctrl. Timer does not operate immediately.	The timer has not reached the activation time set for the Climate Control system.	This is not a malfunction. When the timer is set, the Climate Control system will be activated so that the vehicle compartment will be cooled/heated to the set temperature by the scheduled departure time and then be deactivated. The time the Climate Control system starts activating varies depending on the ambient temperature.
	The scheduled departure time has already passed.	
The timer charge or Climate Ctrl. Timer screen cannot be displayed.	The power switch is in the ACC position.	This screen can be displayed when the power switch is placed in the ON position or when the READY to drive indicator light is on.
A prompting message to update the time setting is displayed.	The system clock has not been set correctly.	Set the time setting correctly.
Days when you do not want the timer function to operate cannot be set.	All timer functions are set to ON.	Turn off the setting for days where the timer function is not required.

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

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-RDS Link is taking place.	Verify transition performance on several stations in the area. Report stations with poor alignment.
Excessive DAB-RDS Link takes place.	The receiver 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.

Symptom	Possible cause	Possible solution
The DAB-RDS Link 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.
"NO SIGNAL" is displayed on the screen.	The system is not receiving signals.	Move to a location where the signal can be received.
"SERVICE UNAVAILABLE" 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.
- The DAB-RDS Link and the DAB-DAB Tracking functions do not activate for the secondary services.
- Secondary services do not appear on the station list.

COMPACT DISC (CD) PLAYER

Symptom	Possible cause	Possible solution
Music cannot be played back.	The disc is inserted upside down.	Insert a CD with the label side facing up.
	Moisture condensation occurs inside the unit.	Wait until the moisture evaporates (approximately 1 hour).
	The cabin temperature is too high.	Wait until the cabin temperature becomes moderate.
	The disc is scratched or dirty. A disc is not always playable if it is scratched.	Wipe off any dirt from the disc.
	Depending on the condition in which they are stored, discs may become unreadable due to deterioration (for example, keeping the discs in the passenger compartment, etc.).	Change the disc with a deterioration-free disc. Do not use a deteriorated disc. The label surface of the disc may crack or chip, and the layer of the label surface may eventually peel off.
The compressed audio files cannot be played back.	If both music CD files (CD-DA data) and compressed audio files (MP3 data, etc.) are mixed on one disc, the audio compression files cannot be played back.	Prepare a disc that includes compressed audio files only.
	The files are not named using characters that are compliant with the specifications.	Use the character codes and the number of characters that are compliant with the specifications for folder names and file names. In addition, always use ".MP3", ".WMA", ".mp3" or ".wma" for file extensions.
It takes a long time before the music starts playing.	The disc contains a large amount of data.	Some time may be required to check the files. It is recommended that unnecessary folders or any files other than compressed audio files should not be recorded in a disc.
The sound quality is poor.	The disc is dirty.	Wipe off any dirt from the disc.

Symptom	Possible cause	Possible solution
No sounds are played though the CD play time is displayed.	The system plays back the first track of the mix mode disc. (Mix mode is a format in which data except music is recorded on the first track and music data is recorded on one other than the first track in a session.)	Play back music data that are recorded on one other than the first track.
Music cuts off or skips.	The combination of writing software and hardware might not match; or the writing speed, writing depth, writing width, etc. might not match the specifications.	Create a disc using different writing speed settings, etc.
The system skips the selected track and moves to the next track.	A non-MP3/WMA file is given an extension of ".MP3", ".WMA", ".mp3" or ".wma".	Prepare MP3/WMA files.
	The system plays back a file that is prohibited due to copyright protection.	Prepare playable files.
The tracks do not play back in the desired order.	The folder locations in the disc are changed by the writing software while the files are written in the disc.	Check the settings of the writing software, and create a new disc.
The CD cannot be ejected.	The power switch is not pushed to the ACC or ON position.	Push the power switch to the ACC or ON position.

iPod PLAYER

Symptom	Possible cause	Possible solution
The system does not recognise 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 recognise the iPod after this operation is performed, reset the iPod.
	The iPod that is to be connected is not compatible with the system.	Check the iPod model and firmware versions available for the system.
	A USB extension cable is not correctly connected.	Do not use a USB extension cable.
	The cable is rapidly connected to or disconnected from the USB connection port.	Slowly connect or disconnect the USB cable.
An iPod cannot be operated.	The iPod is connected to the in-vehicle audio system while headsets, etc. are connected to the iPod.	Remove all equipment from the iPod after disconnecting the iPod from the system, and then connect it to the system again.
	The iPod is not operating normally.	Disconnect the iPod from the in-vehicle audio system, and then connect it to the system again.
	The system plays back an album/file that includes a particular album art.	Disconnect the iPod from the in-vehicle audio system, and then reset the iPod. Disable the album art, and then connect the iPod to the system.  "iPod Menu" (page 4-27)
An iPod does not respond.	There are too many files in a category.	Decrease the number of files in a category (less than 65500 files).
	The shuffle function is turned on.	Turn off the shuffle function if many files are stored on the iPod.
Music cannot be played back.	A connector is not connected to the iPod.	Firmly connect the connector to the iPod.
Playback cuts out.	The sound cuts due to vibration resulting from an unstable location of the iPod.	Place the iPod on a stable location where it does not roll over.
Distorted sound occurs.	The EQ (equalizer) function of the iPod is turned on.	Turn off the EQ (equalizer) function on your iPod.
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.

Symptom	Possible cause	Possible solution
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 recognise 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® STREAMING AUDIO

Symptom	Possible cause	Possible solution
Registration cannot be performed.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® audio device owner's manual.
	Bluetooth® is disabled on device.	Check that the Bluetooth® function is enabled on device.
	The PIN code is incorrect.	Check the PIN code for the Bluetooth® audio device that is to be registered.
		Check that the PIN code for the Bluetooth® audio device is consistent with that for the in-vehicle audio system.
	Another Bluetooth® device is used in the vehicle.	Turn off the other Bluetooth® device until the registration is completed.
Music cannot be played back.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® audio device Owner's Manual.
	The system is not set to the Bluetooth® audio mode.	Switch to the Bluetooth® audio mode.  "Selecting audio source" (page 4-11)
	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.	Check the owner's manual of the Bluetooth® audio device.
	A mobile phone call is active.	This is not a malfunction.
	Sound may cut out when a Bluetooth® audio device is operated.	Switch to 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.  "Selecting audio source" (page 4-11)
Audio operation cannot be performed.	A Bluetooth® audio device that does not support audio operations is in use.	This is not a malfunction. Refer to the owner's manual of the Bluetooth® audio device.
	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 mobile phone cannot be registered.	The mobile phone is not compatible with the in-vehicle hands-free phone system.	Use a mobile phone compatible with the system. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.
	Registration of the mobile phone has been performed incorrectly.	Check the registration procedure, and then register the mobile phone again.
A mobile 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 mobile phone is turned off.	Turn on the Bluetooth® setting of the mobile phone.
	The remaining battery level of the mobile phone is low.	Charge the battery of the mobile phone.
	The wireless Bluetooth® connection may be disrupted depending on the location of the mobile phone.	Do not place the mobile phone in an area surrounded by metal or far away from the in-vehicle hands-free phone system. Do not place the mobile phone close to the seats or your body.
	Registration of the mobile phone is not completed.	Perform registration of the mobile 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 mobile phone and turn it on again to reset the connection.

Symptom	Possible cause	Possible solution
The system does not recognise the connection of a mobile phone. The system does not receive or make a call.	The mobile phone is not compatible with the in-vehicle hands-free phone system.	Use a mobile phone compatible with the system. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.
	The mobile phone is not connected.	Check the registration procedure, and then register the mobile phone again.
	The phone operation is limited by the functions (such as dial lock, etc.) of the registered mobile phone.	Remove any settings that are limiting use of the mobile 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 mobile phone is not connected.	Check the registration procedure, and then register the mobile phone again.
	The fan speed of the heater/air conditioner is too fast.	Decrease the fan speed of the heater/air conditioner.
	The ambient noise level is excessive. (For example: heavy rain, construction sites, inside a tunnel, oncoming vehicles, etc.)	Close the windows to shut out ambient noise.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed.
	The incoming or outgoing voice level is too loud.	Adjust the incoming or outgoing voice level properly.
The voice is cut out or noise is heard during a call.	The wireless Bluetooth® connection may be disrupted depending on the location of the mobile phone.	Do not place the mobile phone in an area surrounded by metal or far away from the in-vehicle hands-free phone system. Do not place a mobile phone close to the seats or your body.
When a mobile phone is operated to make a call, the hands-free function becomes unavailable.	Some models of a mobile phone do not switch to the hands-free mode when they are operated to make a call.	This is not a malfunction. Make a call again using the hands-free function.

Symptom	Possible cause	Possible solution
The other party's voice cannot be heard. There is no ring tone.	The volume level is set to the minimum.	Adjust the volume level.
	A mobile phone is not connected.	Check the registration procedure, and then register the mobile phone again.
Each volume level (ring tone, incoming voice or outgoing voice) is different.	Each volume level is not adjusted properly.	Adjust each volume level properly.
The antenna display is different between the navigation screen and a mobile 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 mobile phone.	This does not indicate a malfunction. The antenna display and remaining battery level shown on the navigation screen may be different from those shown on the mobile phone screen. Use them as a reference.
A voice cannot be heard clearly when using a mobile 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 mobile phones.	Move to a place without tall buildings.
Noise is heard when using a mobile 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 mobile phone.	This is not a malfunction.
Noise is heard in the sound from the audio system while using a mobile phone.	Radio waves that are generated from a mobile phone may adversely affect the sound from the audio system.	This is not a malfunction.
Sound skips or stutters.	The mobile phone may have turned on the wireless LAN (Wi-Fi).	Turn off the wireless LAN (Wi-Fi).
Phonebook cannot be downloaded.	An error occurred during the phone pairing process.	Please delete the Bluetooth® pairing information from both the mobile phone and vehicle system before registering it again.
	Phone does not support phonebook download function.	Contact a knowledgeable electric vehicle repairer such as a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

NISSANCONNECT EV

Symptom	Possible cause	Possible solution
The system cannot connect to the Nissan Data Centre.	A subscription for the NissanConnect EV has not been established.	For registration, please visit the YOU+Nissan Owners' Portal.
	The user ID and password are not entered.	
	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 the area, visit the YOU+Nissan Owners' Portal.
	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> located on the control panel or  + > on the steering wheel while the system is announcing information.  "Control buttons and touch screen display" (page 1-2)

NAVIGATION

BASIC OPERATIONS

Symptom	Possible cause	Possible solution
No image is displayed.	The brightness is at the lowest setting.	Adjust the brightness of the display.  "Display settings" (page 1-13)
	The display is turned off.	Push <  /🌙> to turn on the display.
The volume of the voice guidance is too high or too low.	The volume is not set correctly, or the voice guidance setting is turned off.	Adjust the volume of the voice guidance or turn on the voice guidance setting.  "Volume and Beeps settings" (page 1-13)
No voice guidance is available.	Voice guidance is not provided for certain streets (roads displayed in grey).	This is not a malfunction.
No map is displayed on the screen.	A screen other than a map screen is displayed.	Touch [Map] on the Launch Bar or push <MAP/VOICE>.
The screen is too dim. The movement is slow.	The temperature in the interior of the vehicle is low.	Wait until the interior of the vehicle has warmed up.
Some pixels in the display are darker or brighter than others.	This condition is an inherent characteristic of liquid crystal displays.	This is not a malfunction.
Some menu items cannot be selected.	Some menu items become unavailable while the vehicle is driven.	Park the vehicle in a safe location, and then operate the navigation system.

VEHICLE ICON

Symptom	Possible cause	Possible solution
Names of roads and locations differ between 2D view and Birdview™.	This is because the quantity of the displayed information is reduced so that the screen does not become too cluttered. There is also a chance that names of the roads or locations may be displayed multiple times, and the names appearing on the screen may be different because of a processing procedure.	This is not a malfunction.
The location of the vehicle icon is misaligned from the actual position.	The vehicle was transported after the power switch was placed in the OFF position, for example, by a ferry or car transporter.	Drive the vehicle for a period of time on a road where GPS signals can be received.
	The position and direction of the vehicle icon may be incorrect depending on the driving environments and the levels of positioning accuracy of the navigation system.	This is not a malfunction. Drive the vehicle for a period of time to automatically correct the position and direction of the vehicle icon.  "Current vehicle location" (page 9-2)
	Driving with tyre chains or tyres 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, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle 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.
When the vehicle is travelling on a new road, the vehicle icon is located on another road nearby.	Because the new road is not stored in the map data, the system automatically places the vehicle icon on the nearest road available.	Updated road information will be included in the next version of the map data.  "How to order map data updates" (page 9-8)

Symptom	Possible cause	Possible solution
The screen does not switch to the night screen even after turning on the headlights.	The daytime screen was set the last time the headlights were turned on.	Set the screen to the night screen mode using  when turning on the headlights.  "Display settings" (page 1-13)
The map does not scroll even when the vehicle is moving.	The current location map screen is not displayed.	Touch [Map] on the Launch Bar or push <MAP/VOICE>.
The vehicle icon is not displayed.	The current location map screen is not displayed.	Touch [Map] on the Launch Bar or push <MAP/VOICE>.

ROUTE CALCULATION AND VISUAL GUIDANCE

Symptom	Possible cause	Possible solution
Waypoints are not included in the auto reroute calculation.	Waypoints that have been already passed are not included in the auto reroute calculation.	To go to that waypoint again, edit the route.
Route information is not displayed.	Route calculation has not yet been performed.	Set the destination and perform route calculation.
	The vehicle is not on the suggested route.	Drive on the suggested route.
	Route guidance is turned off.	Turn on route guidance.
	Route information is not provided for certain types of roads (roads displayed in dark colour).	This is not a malfunction.
The auto reroute calculation (or detour calculation) suggests the same route as the one previously suggested.	Route calculations took priority conditions into consideration, but the same route was calculated.	This is not a malfunction.
A waypoint cannot be added.	Five waypoints are already set on the route, including ones that the vehicle has already passed.	A maximum of 5 waypoints can be set on the route. To go to 6 or more waypoints, perform route calculations multiple times as necessary.

Symptom	Possible cause	Possible solution
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.	Turn off the [Use Time Restricted Roads] setting.  "Route Settings" (page 3-40)
A part of the route is not displayed.	The suggested route includes narrow streets (roads displayed in grey).	This is not a malfunction.
The part of the route that the vehicle has already passed is deleted.	A route is managed by sections between waypoints. If the vehicle passed the first waypoint, the section between the starting point and the waypoint is deleted (it may not be deleted depending on the area).	This is not a malfunction.
An indirect route is suggested.	If there are restrictions (such as one-way streets) on roads close to the starting point or destination, the system may suggest an indirect route.	Adjust the location of the starting point or destination.
	The system may suggest an indirect route because route calculation does not take into consideration some areas such as narrow streets (grey roads).	Reset the destination to a main or ordinary road, and recalculate the route.
The POI information does not correspond to the actual information.	This may be caused by insufficient or incorrect map data.	Updated information will be included in the next version of the map data.  "How to order map data updates" (page 9-8)
The suggested route does not exactly connect to the starting point, waypoints or destination.	There is no data for route calculation closer to these locations.	Set the starting point, waypoints and destination on a main road, and perform route calculation.

VOICE GUIDANCE

Symptom	Possible cause	Possible solution
Voice guidance is not available.	Voice guidance is only available at certain junctions marked with  . In some cases, voice guidance is not available even when the vehicle makes a turn.	This is not a malfunction.
	The vehicle has deviated from the suggested route.	Go back to the suggested route or request route calculation again.
	Guidance voice is turned off.	Turn on the guidance voice.  "Guidance settings" (page 3-38)
	Guidance volume is set at the minimum level.	Increase the guidance volume.  "Guidance settings" (page 3-38)
The guidance content does not correspond to the actual road conditions.	The content of voice guidance may vary, depending on the types of junctions at which turns are made.	Follow all traffic rules and regulations.

TRAFFIC INFORMATION

Symptom	Possible cause	Possible solution
Traffic information is not displayed.	The traffic information setting is turned off.	Turn on the traffic information setting.
	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 setting" (page 3-44)
The automatic detour route search setting is turned on, but the suggested detour route does not avoid congested areas.	A faster route was not found, based on the road network and traffic information available.	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.

Symptom	Possible cause	Possible solution
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

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

Symptom	Possible cause	Possible solution
USB memory device cannot be operated with voice commands.	Depending on the device, iPhone or iPod may be recognised as a USB memory device.	This is not a malfunction.
	More than one audio device is connected to USB connection port.	Only one audio device can be operated with the voice recognition system even when multiple numbers of devices are connected. Select an audio source to operate with the voice recognition system.  "Voice recognition settings" (page 8-18)
The USB/iPod operation screen is greyed out.	The audio device is not connected.	Connect an audio device to the system.
	An audio source to be operated with the voice recognition system has not been selected.	Select an audio source to be operated with the voice recognition system.  "Voice recognition settings" (page 8-18)
An error message is displayed when trying to select a track and operate USB/iPod.	The track information is being processed for registration by the system.	Song information will be loaded into the system when a new audio device is registered for the first time or when the song information in the pre-registered device has been changed. Please wait for the loading to complete which may take a few minutes to up to an hour.
	Exceeding number of songs are stored in the connected audio device than it can hold.	Decrease the number of songs stored in the audio device.
	No song is stored in the audio device.	Store songs in the connected audio device. Storing songs with information such as artist name, album name, song name, playlist, etc., will make voice recognition song search available.

MEMO

MEMO

MEMO

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