InTouch Dual Display



Foreword

Thank you for purchasing an INFINITI vehicle.

This user's manual is for Infiniti InTouch and the systems linked to Infiniti InTouch offered in your INFINITI vehicle.

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

- Heater and air conditioner
- Audio
- Hands-free phone
- Infiniti InTouch Apps
- View monitors
- Navigation
- Voice recognition
- Other systems viewable/operable on the dual display

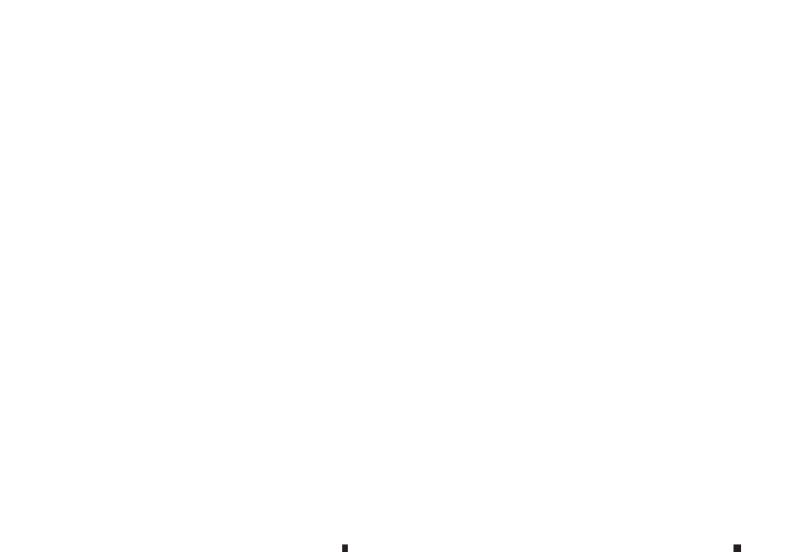
Please read this manual carefully to ensure safe operation of Infiniti InTouch.

- 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. INFINITI 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 this Infiniti InTouch may need the manual.

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1 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 this 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 this risk, the procedures must be followed carefully.



NOTE:

This indicates items that help you understand and maximise the performance of your vehicle. Ignoring them may lead to a malfunction or poor performance.

REFERENCE SYMBOLS



INFO:

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



Reference page:

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

< >:

Indicates a control button or a switch.

[]:

This indicates a key/item displayed on the screen.

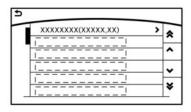


Voice Command:

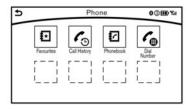
This indicates an operation by voice command.

SCREEN ILLUSTRATIONS

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



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This system is primarily designed to help you support your 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 specified in this manual.



WARNING:

- To operate Infiniti InTouch or to use the INFINITI controller, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.
- Exercise extreme caution at all times so full attention may be given to vehicle operation. If the system doesn't respond immediately, please be patient and keep your eyes on the road. Inattentive driving may lead to a crash resulting in serious injuries or death.
- Do not disassemble or modify this system. Doing so may result in an accident, 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 an INFINITI

Centre or qualified workshop. Ignoring such conditions may lead to an accident, 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 temperatures (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 glass screen breaks, do not touch it. Doing so could result in an injury.



NOTE:

Do not keep the system running with the engine or the hybrid system stopped. Doing so may discharge the vehicle battery (12V battery). When using the system, always keep the engine or the hybrid system running.

This Infiniti InTouch is certified as a Class 1 laser product.



WARNING:

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

TRADEMARKS



"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.

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Music and video recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information visit www.gracenote-.com.

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Google Play™

Google Play is a trademark of Google Inc.

Google

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REGULATORY INFORMATION

BLUETOOTH® DEVICES

For Europe:

The latest "DECLARATION of CONFORMITY" (DoC) is available at the following address: http://www.globaldenso.com/en/products/ oem/index.html

Hereby, DENSO CORPORATION, declares that this DNNS085 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



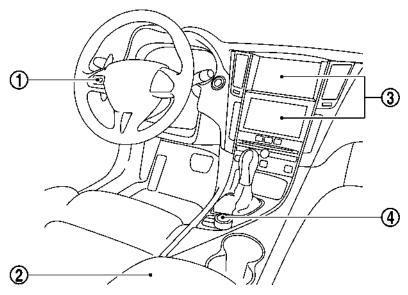
2 Getting started

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CONTROL BUTTONS AND FUNCTIONS

Infiniti InTouch controls the heater and air conditioner, audio, RearView/Around View Monitor, navigation system (where fitted), Infiniti InTouch Apps, Bluetooth® Hands-Free Phone etc., by using the upper and lower displays, the INFINITI controller, menu button, and steering wheel switch.

Designs and button layout may vary depending on the model and specifications.



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- * The layout in the illustration shows that of the Left-Hand Drive (LHD) model. For the Right-Hand Drive (RHD) model, some of the layout will be the opposite.
- (1) Steering wheel switch

"Steering wheel switch" (page 2-5)

(2) Media Hub

"Media Hub" (page 2-5)

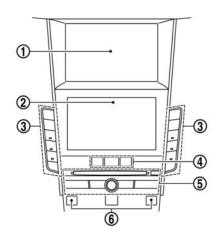
- (3) Dual Display
 - "Dual Display" (page 2-3)
- (4) INFINITI controller

"INFINITI controller" (page 2-4)

DUAL DISPLAY

The upper touch screen display (upper display) can display various information. The lower touch screen display (lower display) can be used for various operations.

Both displays can be operated with the touch panel.



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- (1) Upper touch screen display (upper display) Displays Information, view monitor system, navigation (where fitted).
 - "Upper touch screen display (upper display)" (page 2-11)
 - "RearView Monitor (where fitted)" (page 7-2)
 - "Driver Assistance settings (where fitted)" (page 8-22)
- 2 Lower touch screen display (lower display)
 The lower display provides touch screen
 controls for various vehicle features including Infiniti InTouch Apps and the navigation
 system (where fitted), audio system and
 the heater and air conditioning system,
 etc.
 - "Lower touch screen display (lower display)" (page 2-15)
- 3 Heater and air conditioner buttons Allow you to control the heater and air conditioner.
 - "Heater and air conditioner controls" (page 3-3)
- 4 Lower display menu buttons Push <AUDIO>, <MENU>, or <CLIMATE> to display functions on the lower display.
 - "Lower display and menu buttons" (page 2-15)

- (5) Main audio buttons
 Allow you to control the audio system.
 - ্ৰে "Main audio buttons" (page 4-11)
- (6) ((Heated seats buttons) (where fitted)
 The driver seat and front passenger seat
 can be heated. Refer to the vehicle Owner's
 Manual for details.

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 this type of displays, and it is not a malfunction.

Maintenance of display:



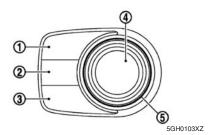
CAUTION:

- To clean the displays, stop the vehicle in a safe location.
- Clean the displays with the ignition switch in the OFF position. If the displays are cleaned while the ignition switch is in the ON position, unintentional operation may occur.
- When cleaning the displays, never use a rough cloth, alcohol, benzine, thinner or any kind of solvent or paper towel with a chemical cleaning agent. Doing so will cause scratches or deterioration of the panel.
- Do not splash any liquid such as water or car fragrance on the displays. Contact with liquid will cause the system to malfunction.
- When cleaning the displays, use the dedicated cleaning cloth for the displays.
- Before cleaning, wipe away any sand or dust from the surface of the displays and shake out the dedicated cleaning cloth for the displays in order to prevent damage to the displays.
- If the displays are heavily soiled, moisten the dedicated cleaning cloth for the displays and then clean the displays. If the cloth is moistened, be sure to dry it out sufficiently before storing it. Colour may be transferred to objects that it comes in contact with.

- The dedicated cleaning cloth for the displays retains its cleaning properties even if it is washed repeatedly.
- When washing the dedicated cleaning cloth for the displays, be sure to rinse it thoroughly so that no detergent remains on it.
- When ironing the dedicated cleaning cloth for the displays, iron using a low temperature setting of 80 to 120°C (176 to 248 °F).

INFINITI CONTROLLER

The INFINITI controller operates the upper display.



(1) **<MAP/VOICE>** (models with navigation system)

Push to display the vehicle's current location on the map.

Push again to display the Display View Bar and the display views.

Push and hold to hear the current guidance for a programmed route.

<DISP> (models without navigation system) Push to display the Display View Bar.

"Display View Bar" (page 2-12)

(2) **()** >

Push to go back to the previous screen.

③ **〈 CAMERA () ※/)** (models with Around View Monitor system)

Push to view the Around View Monitor screen.

Push and hold to control the brightness. When the displays are turned off with the system running, push and hold to turn on the displays.

(*//) (models without Around View Monitor system).

Push for brightness control. Push and hold to turn the display on/off (for the upper and lower displays).

(4) **⟨ ■** /OK**⟩**

Push to enter the selected item.

Models with navigation system:

If this button is pushed while a map is displayed, the shortcut menu is shown on the upper display.

[]

"Upper touch screen display (upper display)" (page 2-11)

(5) Centre dial/Slide switch Slide or turn to select an item on the upper screen or to adjust a setting (volume, brightness, etc.).

Models with navigation system:

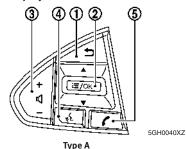
When the map is displayed on the upper screen, turn the centre dial to adjust the map scale.

The map can be scrolled in eight directions by sliding this switch.

STEERING WHEEL SWITCH

The steering wheel switch mainly controls the upper display (adjusts the volume, selects a menu, voice recognition, Bluetooth® Hands-Free Phone).

It can also control audio and hands-free text messaging assistant features that are shown on the lower display.



3 4 5 5GH0675XZ

(1) < ★ > (BACK):

Push this button during a setting operation to return to the previous screen. In a settings screen, this button can also be used to apply the setting.

② **〈 三** /OK**〉**:

Tilt to select an item on the screen or adjust a setting. Push to enter the selected item.

For models with navigation system, if this switch is pushed while a map is displayed, the upper display menu screen is displayed.

"Upper touch screen display (upper display)" (page 2-11)

Tilt up or down to operate the audio system when the map or display view is displayed on the upper display.

"Steering wheel mounted audio control buttons" (page 4-12)

- (3) <- (1) +> (Volume control): Push to adjust the volume.
- (4) ﴿ اِبْرِي ﴾ (TALK):

 Push to enter the voice recognition mode.
 - "Giving voice commands" (page 10-2)
- ⑤ **〈 ~ 〉** (PHONE):

Push to display the hands-free phone operation screen.

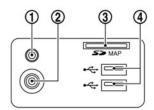
When you receive a phone call, push this switch to answer the call.

"Bluetooth® Hands-Free Phone System" (page 5-2)

MEDIA HUB

The Media Hub is located in the centre console and consists of the USB connectors, auxiliary input jacks and SD card slot (where fitted).

Models with navigation system:



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Auxiliary audio input jack: Connect an audio player that accepts a 3.5

mm (1/8 inch) TRS connector (such as an MP3 player etc.) to play music.

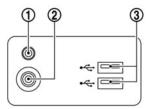
- (2) Auxiliary video input jack: Connect a video player to play a movie.
- (3) SD card slot (models with navigation system)

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

USB/iPod connection port: Connect to play media from an iPod, iPhone or a USB memory device. When using Infiniti InTouch Apps with an

iPhone, connect via a USB cable, Refer to the device manufacturer's owner information regarding the proper use and care of the device.

Models without navigation system:



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(1) Auxiliary audio input jack:

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

(2) Auxiliary video input jack:

Connect a video player to play a movie.

(3) USB/iPod connection port:

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

When using Infiniti InTouch Apps with an

iPhone, connect via a USB cable. Refer to the device manufacturer's owner information regarding the proper use and care of the device.



CAUTION:

- Never insert foreign objects such as coins into the SD card slot. Doing so may result in a malfunction of the device.
- Do not apply overload to the SD card when inserting it to 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.
- Depending on the size and shape of USB device, the console lid may not fully close. Do not force the console lid closed as this may damage the USB device.



NOTE:

- Even when iPods or iPhones are connected to both of the two USB/iPod connection ports, the system recognises only one of the connected iPods or iPhones at a time.
- Only one of the two connected USB devices can be operated by the voice recognition system.

STARTING SYSTEM

Models with navigation system:

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

The system starts when the ignition switch is pushed to the ACC or ON position.

LOG-IN SCREEN

Three unique users can be recognised by the vehicle, with personal settings linked to the Intelligent Key assigned to each user. A welcome guidance screen is displayed with the detected user's name each time the system starts.



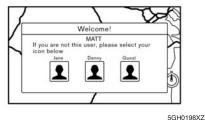
"Fully customisable digital environment (where fitted)" (page 8-18)

When an Intelligent Key is used for the first time, the vehicle will prompt the user to create a new registration with a message on the lower display.

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"User registration" (page 8-18)

User selection



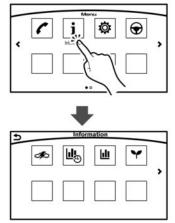
Upper display

- The system starts when the ignition switch is pushed to the ON position. A welcome guidance screen is displayed.
- Check the message that is displayed on the screen. If the name shown in the welcome guidance is incorrect, touch the guest icon or the icon with your name.

TOUCH PANEL OPERATION

Basic touch panel operation methods are explained here.

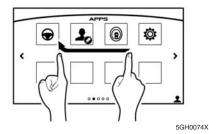
Touch



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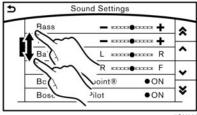
Select and execute the selected key on the screen.

Swipe

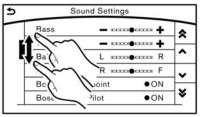


Menu screen pages will skip to the next page.

Drag



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Drag scroll bar up or down to scroll the menu screen.

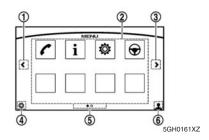
Models with navigation system:

Various further operations are possible for a map screen. For detailed operations of the map screen, refer to the navigation section.



 "Operating with touch panel operation" (page 9-6).

OPERATING MENU SCREEN



- 1 Touch (to scroll to the previous page.
- (2) Touch the preferred icon to execute a function and display the next screen.
- (3) Touch to scroll to the next page.
- (4) Touch [(4)] to access the quick setting menu screen.

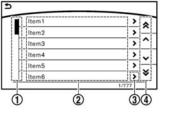
'' "Quick setting menu" (page 8-17)

- (5) Indicates the position of the currently displayed page out of the total number of available pages.
- (6) Touch to display the user list screen.

"Fully customisable digital environment (where fitted)" (page 8-18)

A swipe gesture can also be used to move quickly between screens.

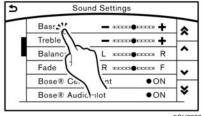
SCROLLING MESSAGE OR LIST



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- 1) Drag the scroll bar up or down to scroll the message or list up or down.
- (2) Touch the preferred item.
- (3) If a listed item name is not completely displayed (due to length), touch to display the hidden part of the name.
- (4) Touch [↑] or [▼] to scroll the message or list one item at a time. Touch [♠] or [♥] to skip to the next page.

SELECTING ITEM



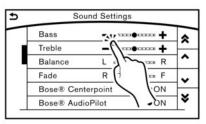
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When an item is touched, it is executed and the next screen is displayed.

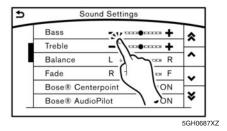
Touch [) to return to the previous screen.

ADJUSTING VOLUME AND SETTINGS

Level of volume, brightness, etc. can be adjusted.



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

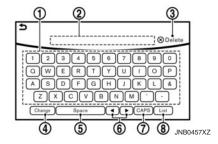
HOW TO INPUT LETTERS AND NUMBERS

The keyboard screen differs depending on the model and specification.

Character (letters and numbers) input screen

Alphanumeric characters can be entered using the keyboard.

The designs and the displayed items may vary depending on the type of screen.



- (1) Touch a character on the displayed keyboard. The selected character is entered.
- (2) Entered characters are displayed.
- 3 Touch [Delete] to delete the last character entered.
 - Touch and hold [Delete] to delete all the characters entered.
- (4) Touch [Change] to change the type of the keyboard.
- (5) Touch [Space] to enter a space.
- (6) Touch or ▶ to move the cursor.
- 7 Touch [CAPS] to toggle between upper and lower case letters.
- 8 Touch [OK] or [List] to confirm the entry.
- Touch [List] to display a list that matched items.

 When [And] is displayed, multiple word search is possible. Touch [And] between the words you enter.

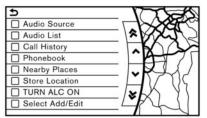
UPPER TOUCH SCREEN DISPLAY (upper display)

To operate the upper display, touch the display directly, push the steering wheel switch or operate using the INFINITI controller.

Shortcut menu

Models with navigation system:

The shortcut menu can be displayed on the upper display. The display may differ depending on the conditions of the current map screen.



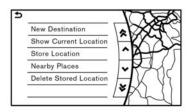
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While the current vehicle location is displayed on the map, push (// OK) on the INFINITI controller to display the shortcut menu on the upper display.

Available items:

- Audio Source
- Audio List

- Call History
- Phonebook
- Nearby Places
- Store Location
- TURN ALC* ON (where fitted)
- Select Add/Edit
- * ALC: Active Lane Control



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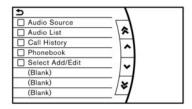
Available items:

- New Destination
- Show Current Location
- Store Locations
- Nearby Places
- Delete Stored Locations

Models without navigation system:

The shortcut menu can be displayed on the upper display.

Push **⟨ ≡ /OK⟩** on the INFINITI controller to display the shortcut menu.



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Available items:

- Audio Source
- Audio List
- Call History
- Phonebook
- Select Add/Edit

Edit shortcut menu:

The following procedure can be used to edit or sort the shortcut menu.

- Select [Select Add/Edit] to register a new item to the menu, or to change an existing menu item.
- 2. Select the preferred setting.
 - [Change Order]

Change the order in which shortcut menu items are shown.

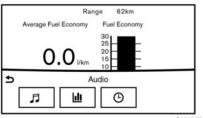
• [Edit Shortcut Items]

Select items to be displayed in the shortcut menu.

Display View Bar

Various information screens can be shown on the upper display by selecting from the Display View Bar.

For models with navigation system, set display will be shown in addition to the navigation map.



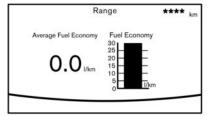
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Push (MAP/VOICE) (models with navigation system) or (DISP) (models without navigation system) to show the Display View Bar.

Select an icon in the Display View Bar. The current view will change and the Display View Bar will be closed.

The following display views are available.

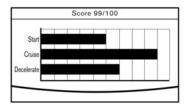
Viewing Fuel Economy:



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Fuel economy information can be checked while driving.

Viewing Eco Drive Report:



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Your driving score will be displayed in real time, with 100 points designated as the score for ideal eco-driving.

To improve your score:

- When starting off, depress the accelerator gently.
- When cruising, accelerate and decelerate as little as possible.
- When decelerating, release the accelerator early.

Viewing upper display Audio screen (models without navigation system):

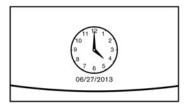


5GH0133XZ

By selecting the upper display audio screen, the radio station and audio screen currently being broadcast will be displayed.

"Audio operation precautions" (page 4-2)

Viewing Analogue Clock and Date (models without navigation system):



5GH0185XZ

The analog clock and date can always be displayed.

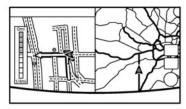
Viewing Split Map (models with navigation system):



5GH0058XZ

The map can be displayed on the split screen. Each screen can be adjusted independently.

Viewing Junction (models with navigation system):



5GH0059XZ

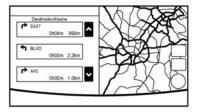
The next intersection is always displayed.



INFO:

When no route is set, the intersection screen is not displayed and the map is displayed in full screen.

Viewing Turn List (models with navigation system):



5GB0350XZ

This display the turn list on the left screen. When approaching a guide point, the left screen automatically switches to an enlarged view of the intersection.



INFO:

When no route is set, the turn list screen is not displayed and the map is displayed in full screen.

Viewing Where am I? (models with navigation system) (where fitted):



5GB0566XZ

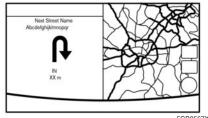
This displays the information about the current vehicle location.



INFO:

When no route is set, the information screen is not displayed and the map is displayed in full screen.

Viewing Turn by Turn (models with navigation system):



5GB0567XZ

This displays a turn point when driving according to route guidance.

Customising the Display View Bar (models with navigation system)

The menu icons on the Display View bar can be customized to your preference.

- 1. Push **<MENU>** to display the menu screen.
- 2. Touch [Settings] and touch [Navigation] to display the navigation setting screen.
- 3. Touch [Map & Display View] and touch [Change Order].
- 4. Select the screen to be displayed on the Display View Bar as a shortcut.

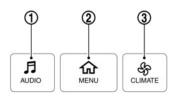
LOWER TOUCH SCREEN DISPLAY (lower display)

Lower display and menu buttons

The lower display provides touch screen controls for various vehicle features including Infiniti InTouch Apps, the navigation system (where fitted), audio system, and heater and air conditioning system.

This manual explains basic menu operation of the lower display.

<AUDIO>, **<MENU>** and **<CLIMATE>** are located on the bottom of the lower display.

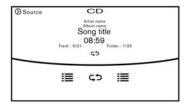


5GH0117XZ

Push **<AUDIO>**, **<MENU>** or **<CLIMATE>** to display functions on the lower display.

The screen for menu button pushed is displayed on the lower display.

Push < AUDIO > 1:



5GH0186XZ

Display the audio screen.

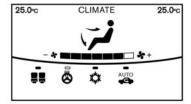
When **<AUDIO>** is pushed while the audio screen is displayed, the source list screen will be displayed.

"Audio operation precautions" (page 4-2)

Push <MENU> (2):

Almost all functions, such as destination setting, route selection, activation and download of applications, phone connection, information screen display and other settings can be accessed from this menu.

Push <CLIMATE> (3):



5GH0177XZ

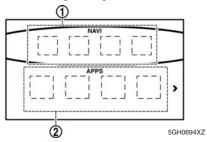
The current climate control information is displayed on the lower display. Directly touch the key to operate the functions of the air conditioning system.

"Heater and air conditioner operation precautions" (page 3-2)

Icons and menus displayed on the screen may differ depending on the models and specifications.

ITEMS TO BE SET INITIALLY

Models with navigation system:



 Display the navigation operation screen on the upper half display. The available functions will vary based on the current navigation settings.

"9. Map operationNavigation (where fitted)"

② Display the menu operation screen on the lower half display. Touch [>]/(<) to skip to the next or previous screen. The initial setting operations included in this section should be performed before using the system for the first time.

SCREEN SETTINGS

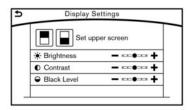
The display can be turned on/off and the image quality of the upper display and the lower display can be adjusted in this menu.

- 1. Push <MENU>.
- 2. Touch [Settings].
- 3. Touch [Screen].
- 4. Touch the preferred item to be adjusted.

Available items	
[Display Settings]	Adjust the image quality of the upper display and lower display.
	"Display settings" (page 2-17)
[Display OFF]	Turns the screen off.
	To turn the display back on, push and hold <menu></menu> ,
	〈CAMERA () ★/ 〉 〉 (models with Around View Monitor) or 〈★/〉〉
	(models without Around View Monitor) for more than 2 seconds.
[Day/Night]	Adjust the upper and lower screen brightness.
	Models with navigation system:
	Map colour can also be changed between the daytime mode and the night time mode.
[Change Map Colour]*	Toggles the map colour between the daytime mode and the night time mode.
[Reset Settings]	Return the display settings to default.

^{*:} For models with navigation system only.

Display settings



5GH0179XZ

- 1. Push <MENU>.
- 2. Touch [Settings].
- 3. Touch [Screen].
- 4. Touch [Display Settings].
- 5. Select the display to be changed.
- : Set upper screen.
- \blacksquare : Set lower screen.

Available settings

[Brightness]	Adjust the brightness.
[Contrast]	Adjust the contrast.
[Black Level]	Adjust the black level.

VOLUME SETTINGS

Volume setting items can be turned on/off and the sound for various functions including audio, phone (ringer, incoming, and outgoing volumes), navigation voice guidance (where fitted) and the system beeps can be adjusted.

- 1. Push <MENU>.
- 2. Touch [Settings].

Setting item		Action
[Volume Adjustment]	[Audio Volume]	Adjust the volume level of the audio system.
	[Voice Guidance]*	Turn the voice guidance on/off.
	[Guidance Volume]*	Adjust the volume level of voice guidance.
	[Ringtone Volume]	Adjust the ringtone volume level.
	[Phone Incoming Vol.]	Adjust the incoming call volume.
	[Phone Outgoing Vol.]	Adjust the outgoing call volume.
	[RDS Volume] (where fitted)	Adjust the volume level of the RDS and DAB (where fitted) announcement.
	[Sonar Volume]	Adjust the warning tone volume by touching [+]/[-].
	[Button Beep Sound]	Turn the button beep sound and alarm for prohibited operation on/off.
	[Use Voice with Parking Guide] (where fitted)	Turn the parking guidance announcements on/off.

^{*:} For models with navigation system only.

LANGUAGE AND UNIT SETTINGS

From the Language & Units screen, you can change the upper and lower display language and measurement unit used by the system.

- 1. Push <MENU>.
- 2. Touch [Settings].
- 3. Touch [Other].

Available setting items may vary depending on models and specifications.

Setting item		Action
[Language & Units]	[System Language] (where fitted)	Select the language of the upper and lower displays.
	[Fuel Economy Unit Settings]	Select the preferred unit.
	[Temperature Units]	Select the preferred temperature unit.



INFO

- Do not push the ignition switch while changing the language.
- If the selected language is also supported by the combination meter, a confirmation message asking if you also wish to change the meter language is displayed. Select [Yes] to apply the language setting to the meter as well.
- The language setting is also applied to the voice recognition system. The voice recognition system can be used only if the language is supported by the voice recognition system.
- Depending on the language selected, available voice commands for the voice recognition system may differ.

CLOCK SETTINGS

Clock settings can be changed.

- 1. Push <MENU>.
- 2. Touch [Settings].

Available setting items may vary depending on models and specifications.

Setting item		Action	
[On-Screen Clock]		Set the clock display on/off. When this item is on, the clock display appears.	
[Summer Time] (where equipped)		Select the setting for the daylight saving time from [ON], [OFF] or [Auto]. Each time this item is touched the setting is changed.	
[Clock Format (24h)]		Toggle the clock format between 12-hour and 24-hour clocks. When the indicator light illuminates, the clock is set to the 24-hour format.	
[Time Zone] (where fitted)		Select an appropriate time zone from the destination list. If [Auto] is selected, the system selects the time zone automatically.	
[Offset Adjustment]		Adjust the offset value (hour and minutes).	
[>]	[Adjust Time]	Adjust the time by increasing or decreasing the value.	
	[Calendar Adjustment]	Adjust the year, month, and day.	



Depending on the model, [Clock] may be listed under [Other] after touching [Settings].

PAIRING BLUETOOTH® DEVICE

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

Pairing mobile phone/audio device

- 1. Push **<MENU>** and touch [Settings].
- 2. Touch [Bluetooth] and touch [Pair Device].
- Touch [Add New (X/5 Free)] to register a device.
- 4. When a PIN code appears on the screen, operate the compatible Bluetooth® mobile phone to enter the PIN code.

The pairing procedure for mobile phones varies depending on the model of mobile phone. Refer to the owner's manual for the mobile phone for details.

When pairing is complete, the screen will change to the Bluetooth® setup display.

If the registered device has both audio and phone functions, the system displays a message asking if you would like to register the device for another function.

The procedure for connecting a mobile phone/audio device varies depending on the Bluetooth® device. Refer to the owner's manual for the Bluetooth® device for details.



NOTE:

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



INFO:

For Europe:

Visit www.infiniti.eu/ownership/bluetooth. html or consult an INFINITI Centre or qualified workshop for information regarding Bluetooth® device connection to your vehicle.

Except for Europe:

Consult an INFINITI Centre or qualified workshop for information regarding Bluetooth® device connection to your vehicle.

Bluetooth® settings

The Bluetooth® settings can be set in detail according to the user's preference.

- 1. Push (MENU) and touch [Settings].
- 2. Touch [Bluetooth].
- 3. Touch the preferred item.
- [Bluetooth]

Turn the Bluetooth® connection to the vehicle on/off.

• [Pair Device]

Touch this item to connect to the Bluetooth® device. You can also delete a registered device and display information for the registered device.

[Select Phone]

Registered Bluetooth® Hands-Free Phones are shown on the list. Select a device from the list to disconnect or connect a Bluetooth® device.

[Select Audio Device]

Registered Bluetooth® audio players are shown on the list. Select a device from the list to disconnect or connect a Bluetooth® device.

ADDITIONAL SYSTEM INFORMATION

[Vehicle Bluetooth Device Info.]

The registered device name and the PIN code can be changed.

Infiniti InTouch uses an operating system like those found on many computers, tablets and cell phones. Like these devices, processing speed may vary, and system response delays or resets may occur intermittently. This does not indicate a malfunction, and further information on system operation can be found below.

System Start-Up

Due to the large number of features and capabilities that the Infiniti InTouch system needs to load on start-up, it may take up to a minute for all functions (such as Apps) to be available. The system will display the message indicating that the application is loading during this time. During the start-up period, hard button controls for audio and climate will become available before start-up is complete. Features will become available in the following order.

- Climate Control hard buttons
- Audio volume and music playback
- Audio & Climate Full Screen Access
- Full App Availability System will display the message indicating the completion of the application loading process.

System Response Delay

Infiniti InTouch uses an operating system like those found on many computers, tablets and cell

phones. Like these devices, sometimes programs do not respond immediately and this may temporarily delay system use.

In most situations, simply waiting a few moments longer should be sufficient for the pending operations to complete.

If the system temporarily does not respond to commands, the system can be easily reset. Simply push down the <VOL/ (1) > knob for at least 5 seconds. The system will turn off and restart.

After restart, all functions should be available.

- Audio will resume, but if you were using Bluetooth® Audio or an Audio App, the connection may need to be re-established.
- If a navigation route was set, the route should resume automatically (models with navigation system).
- If a phone call was in progress, the call may be temporarily transferred back to the handset.

System Reset

As noted above, intermittent system resets may occur during normal operation. You may also wish to reset the system if you find that a particular feature is not loading or responding. Often, a quick system reset will resolve any issue you may be experiencing. After restart, all functions will be available as described above.

System Updates

Like many digital devices, the Infiniti InTouch system is designed to allow for software updates as enhancements are developed and additional features added. If you have questions about system performance, contact your INFINITI Centre or qualified workshop to ensure that your vehicle has had the latest available software installed.

Operating Tips

Infiniti InTouch provides several methods of operation to suit your preferences. The following are suggested operating tips.

- Operating the INFINITI Controller, Steering Wheel Controls, or other controls too quickly can cause a lag between the control and the display. Operate the controls carefully and allow the system to respond to your request.
- Only use Infiniti InTouch after stopping your vehicle in a safe location. If you have to use Infiniti InTouch while driving, INFINITI recommends using Voice Recognition wherever possible, and that you exercise extreme caution at all times so full attention may be given to vehicle operation. Some touch screen functionality is intentionally unavailable during driving. Please view the available voice commands by pushing () on the steering wheel and then selecting a category on the display.

- In some situations, the system may not be able to recognize your command even if you say the exact command. This can be due to noise conditions or an accent.
- Bluetooth® Compatibility: Some wireless devices do not allow phonebook downloads, text messaging, or other Bluetooth® audio functions. Some wireless devices may only have partial functionality of these features even though the phone is compatible for hands-free communication. If your phone is listed as compatible and you are still experiencing issues, please confirm that your phone also has the latest software updates.

MEMO

3 Heater and air conditioner

Heater and air conditioner operation	
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fitted)	3-8

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HEATER AND AIR CONDITIONER OPERATION PRECAUTIONS



WARNING:

- The heater and air conditioner operate only when the engine or the hybrid system is running.
- Never 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, temperatures in a closed vehicle could quickly become high enough to cause severe or possibly fatal injuries to people or animals.
- Do not use the recirculation mode for long periods as it may cause the interior air to become stale and the windows to fog up.
- Do not adjust the heating and air conditioning controls while driving so that full attention may be given to vehicle operation.
- Turn off the system when the engine or the hybrid system is not running to prevent battery discharge.



NOTE:

Condensation forms inside the air conditioning unit when the air conditioner (where fitted) is running, and is safely discharged underneath your vehicle.

Traces of water on the ground are therefore normal.



INFO:

- Odours from inside and outside the vehicle can build up in the heater and air conditioner unit. Odours can enter the passenger compartment through the vents.
- When parking, set the heater and air conditioner controls to turn air recirculation off to allow fresh air into the passenger compartment. This should help reduce odours inside the vehicle.

For models with Stop/Start System (where fitted)

The Stop/Start System will not stop the engine under the following conditions:

- The front defogger mode is on.
- The rear window defogger mode is on.

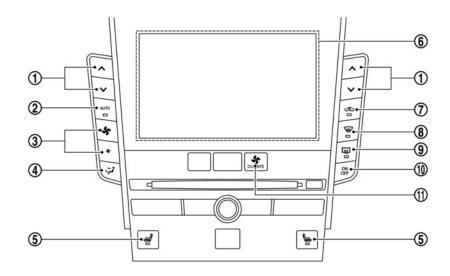
While the engine is stopped by the Idling Stop (Stop/Start) System, taking one of the following actions will automatically start the engine:

- Turn the front defogger mode on.
- Turn the rear window defogger mode on.

When the engine is stopped by the Idle Stop (Stop/Start) System, performance of the heater and air conditioner may be reduced to minimise fuel consumption. For the best heating and air conditioning performance, turn on the [Use A/C While Idle] setting.



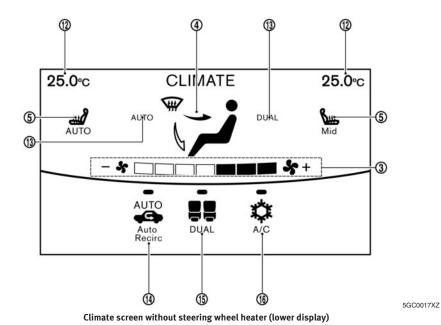
"Heater and air conditioner settings" (page 3-10)

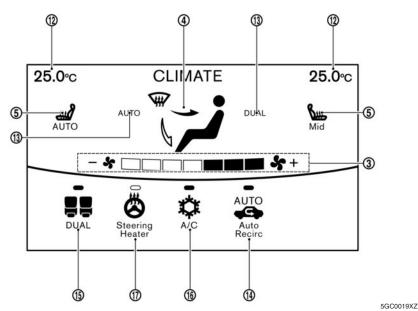


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Buttons and lower touch screen display (lower display)

* The switch layout in the illustration shows that of the Left-Hand Drive (LHD) model. For the Right-Hand Drive (RHD) model, the switch layout will be the opposite.





Climate screen with steering wheel heater (lower display)

both the driver's seat and the front passenger's seat can be adjusted with the temperature control buttons on the driver's side.

(2) **<AUTO>**:

Push **<AUTO>** to set the automatic control mode which regulates the air distribution, temperature and fan speed automatically.

3 **\$** / **\$** :

The fan speed of the air from the vents can be changed.

Push < \$ > or touch [- \$] to decrease the fan speed. Push +< \$ > or touch/[\$ +] to increase the fan speed. For details about the vents, refer to the vehicle Owner's Manual.

4 T.:

The current air flow mode is displayed on the Climate screen. Push () or touch [) to change the air flow mode.

نړ-	Air flows from the centre and side vents.
نړې	Air flows from the centre and side vents as well as the foot outlets.
تر ,	Air flows mainly from the foot outlets.
(P)	Air flows from the defogger and foot outlets.

(where fitted):

The driver's seat and front passenger's seat can be heated.

Refer to the vehicle Owner's Manual for details.

(6) Lower touch screen display (lower display): When **<CLIMATE>** is pushed, the Climate screen will be displayed on the lower display. (7) <ç**⊆**>>:

Push << €>> to toggle ventilation between air recirculation mode (indicator light on) and fresh air mode (indicator light off).

(8) < (w >:

Push to defog/defrost the windscreen. To quickly remove ice from the windscreen, set the fan speed to the maximum. When < w > is pushed, the air conditioner will turn on automatically at an outside temperature above -5°C (23°F), and switch to the fresh air mode for better defogging performance.

(9) **< (!!! >:**

Push to activate the rear window and the outside mirror defogger.

- "Rear window and outside mirror defogger" (page 3-10)
- (10) **<ON/OFF>**:

Push to turn the Climate Control system on/off.

(11) **<CLIMATE>**:

Push to show the Climate screen on the lower display.

(12) Temperature setting indicators: The temperature setting is displayed. In the dual mode, the driver's side and front passenger's side temperatures can be set independently.

(13) Mode indicators:

The active mode status is displayed.

DUAL	Dual mode is active. The driver's side/front passenger's side
	temperatures can be set
	independently.
AUTO	Auto mode is active. Temperature
	and fan speed are controlled
	automatically.

- (14) [Auto Recirc] (where fitted): Touch to turn the auto recirculation mode on/off.
 - "Advanced Climate Control system (where fitted)" (page 3-8)
- (15) [DUAL]:

Touch to turn the Dual mode on/off. When the Dual mode is set, the temperatures for the driver's seat and the front passenger's seat can be adjusted independently.

(16) [A/C]:

details.

Touch to turn the A/C mode on/off. Turn on the A/C mode for effective cooling and dehumidifying.

(17) [Steering Heater] (where fitted): Touch to turn the steering wheel heater on/off. Refer to the vehicle Owner's Manual for



INFO:

- The indicator lights on the control buttons and the icons on the screen indicate whether the function is turned on or off.
- Settings for the heater and air conditioning system can be linked and memorised for each of the Intelligent Keys.
 - 1-78

"Fully customisable digital environment (where fitted)" (page 8-18)

AUTOMATIC OPERATION

Cooling and/or dehumidified heating (AUTO)

This mode may be used all year round. The system works automatically to control the temperature, air flow distribution and fan speed.

- 1. Push (AUTO). The indicator on the button will illuminate and "AUTO" will appear on the Climate screen.
- 2. Push < \(\lambda \) and < \(\lambda \) on the driver's side to set the preferred temperature.
 - The temperature of the passenger compartment will be maintained automatically. Air flow distribution and fan speed will also be controlled automatically.
 - When the DUAL mode is turned on, you can individually set temperatures for the driver's side and front passenger's side by pushing < ^>> and < >> on the corresponding side. To turn the DUAL mode on, touch [DUAL] on the lower display ("DUAL" will be displayed on the lower display). To disable the front passenger's side temperature control, touch [DUAL] to turn the DUAL mode off.



A visible mist may be seen coming from the vents in hot, humid conditions as the air is cooled rapidly. This does not indicate a malfunction.

Heating (A/C off)

The air conditioner does not activate in this mode. Use this mode when you only need to heat.

- 1. Touch [A/C] on the lower display. The A/C indicator will turn off.
- 2. Push < ^ > and < > >on the driver's side to set the preferred temperature.



- The temperature of the passenger compartment will be maintained automatically. Air flow distribution and fan speed are also controlled automatically in this mode.
- Do not set the temperature lower than the outside air temperature. Otherwise the system may not work properly.
- This mode is not recommended if the windows fog up.

Dehumidified defrosting or defogging

- 1. Push (). The indicator light on the button will illuminate.
- 2. Push < \(\lambda \) and < \(\lambda \) on the driver's side to set the preferred temperature.



INFO:

• To quickly remove ice from the outside of the windows, set the fan speed to the maximum.

- As soon as possible after the windscreen is cleared, push **<AUTO>** to return to the auto mode.
- When () is pushed, the air conditioner will automatically turn on at outside temperatures above -5°C (23°F) to defog the windscreen, and the air recirculate mode will automatically turn off.

Outside air is drawn into the passenger compartment to improve the defogging performance.

ADVANCED CLIMATE CONTROL SYSTEM (where fitted)

The Advanced Climate Control system keeps the air inside the vehicle clean using the automatic air circulation control with exhaust gas/outside odour detecting sensor.

Automatic air recirculation control with exhaust gas/outside odour detection sensor

The Advanced Climate Control system comes with an exhaust gas detection/outside odour sensor. When the automatic air circulation control is activated by touching [Auto Recirc] on the Climate screen, the sensor detects odours outside the vehicle such as pulp or chemicals, and exhaust gas such as petrol or diesel. When such odours or gas are detected, the display and the system automatically change from the fresh air mode to the recirculation mode.

For the first 5 minutes when the automatic air circulation control mode is on, the air recirculation mode is selected to prevent dust, dirt and pollen from entering the vehicle and the air inside the vehicle is cleaned.

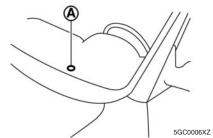
After 5 minutes, the sensor detects exhaust gas and automatically alternates between the air recirculation mode and fresh air mode.

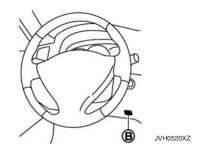


The automatic air recirculation mode can be activated under the following conditions.

- The air flow control is not in the windscreen defogging/defrosting mode (the indicator light on < ₩ > is turned off).
- The outside temperature is approximately 0 °C (32 °F) or above.

OPERATING TIPS





- * The layout in the illustration shows that of the Left-Hand Drive (LHD) model. For the Right-Hand Drive (RHD) model, the layout will be the opposite.
- The sensors (A) and (B) on the instrument panel help maintain a constant temperature. Do not put anything on or around these sensors.

- When the engine coolant temperature and outside air temperature are low, air may not flow properly from the foot outlets. This is not a malfunction. After the coolant temperature increases, air will flow normally from the foot outlets.
- A visible mist may be seen coming from the vents in hot, humid conditions as the air is cooled rapidly. This does not indicate a malfunction.

AIR CONDITIONER FILTER

Models with Advanced Climate Control system:

The air conditioning system is equipped with a natural grape seed polyphenol filter with deodorizing function which collects and neutralizes dirt, pollen and dust, etc. To make sure that the air conditioner heats, defogs and ventilates efficiently, replace the filter in accordance with the specified maintenance intervals listed in the separate maintenance booklet. To replace the filter, contact an INFINITI centre or qualified workshop.

The filter should be replaced if the air flow decreases significantly or if windows fog up easily when operating the heater or air conditioner.

Models without Advanced Climate Control system:

The air conditioning system is equipped with an air conditioner filter with deodorizing function which collects dirt, pollen and dust, etc. To make sure the air conditioner heats, defogs, and ven-

REAR WINDOW AND OUTSIDE MIRROR **DEFOGGER**

HEATER AND AIR CONDITIONER SETTINGS

tilates efficiently, replace the filter in accordance with the specified maintenance intervals listed in the separate maintenance booklet. To replace the filter, contact an INFINITI centre or qualified workshop.

The filter should be replaced if the airflow decreases significantly or if windows fog up easily when operating the heater or air conditioner.

SERVICING HEATER AND AIR CONDITIONER

The heating and air conditioning system in your vehicle is charged with a refrigerant designed with the environment in mind. This refrigerant will not harm the earth's ozone layer. However, special charging equipment and lubricant are required when servicing the air conditioner. Using improper refrigerants or lubricants will cause severe damage to your climate control system. (Refer to the vehicle Owner's Manual for heating and air conditioning system refrigerant and lubricant recommendations.)

Your INFINITI Centre or qualified workshop will be able to service your environmentally friendly heater and air conditioning system.



WARNING:

The system contains refrigerant under high pressure. To avoid personal injury, any air conditioner service should be done only by an experienced technician with the proper equipment.



CAUTION:

- When cleaning the inner side of the rear window, be careful not to scratch or damage the rear window defogger.
- The battery could run down if the defogger is operated while the engine or the hybrid system is not running.

To defog/defrost the rear window glass and outside mirrors, start the engine or the hybrid system and push < [> . The indicator light on the button will illuminate. Push ((tt) again to turn off the defogger.

The defogger will automatically turn off after approximately 15 minutes.

Heater and air conditioner settings can be changed on the screen.

- 1. Push (MENU).
- 2. Touch [Settings].
- 3. Touch [Climate].



INFO:

Depending on the vehicle model [Climate] may be listed under [Other].

Available settings

• [Left Seat Heater]/[Right Seat Heater] (where fitted)

The driver's seat and front passenger's seat temperature settings for the automatic seat heating control mode can be changed separately.

Refer to the vehicle Owner's Manual for heated seats.

[Use A/C While Idling] (where fitted)

Touch to turn the Idling Stop (Stop/Start) priority mode on/off. When this item is turned on, use of air conditioner will not be affected by Idling Stop (Stop/Start) activation. When this item is turned off, the temperature control will be affected by the Idling Stop (Stop/ Start) activation.

[Steering Heater] (where fitted)

The steering wheel heater can be turned on/off.

Refer to the vehicle Owner's Manual for heated steering wheel.

[Auto Steering Wheel Heater] (where fitted)

The automatic control mode for the steering wheel heater can be turned on/off. When this item is turned on, the steering wheel heater will turn on automatically if the temperature inside the vehicle compartment is low at the time when the ignition switch is turned on. Regardless of the temperature, the steering wheel heating will turn off after 30 minutes.

If the steering wheel heater is manually turned on/off by touching [Steering Wheel Heater] on the Climate screen, the automatic steering wheel heating control mode will be cancelled and the system will return to the manual mode.

Refer to the vehicle Owner's Manual for heated steering wheel.



INFO:

If the surface temperature of the steering wheel is above the temperature at which the system is designed to operate, the system will not heat the steering wheel. This is not a malfunction.

MEMO

4 Audio system

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AUDIO OPERATION PRECAUTIONS



WARNING:

- The driver must not attempt to operate the audio system while the vehicle is in motion so that full attention may be given to vehicle operation.
- Park the vehicle in a safe location and apply the parking brake to operate the audio system and to play movies (where fitted).



CAUTION:

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

RADIO

Push the ignition switch to the ACC or ON position before turning on the radio. If you listen to the radio when the engine or the hybrid system is not running, the ignition 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 are normally caused by these external influences.

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

Radio reception

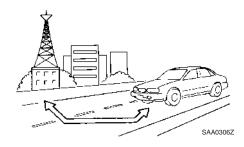
Your radio system is equipped with state-of-theart electronic circuits to enhance radio reception. These circuits are designed to extend reception range, and to enhance the quality of that reception.

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 best quality 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 adversely affect ideal reception. Described below are some of the factors that can affect 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: This occurs while the vehicle is passing through freeway underpasses or in areas with many tall buildings. It can also occur for several seconds during ionospheric turbulence even in areas where no obstacles exist.

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

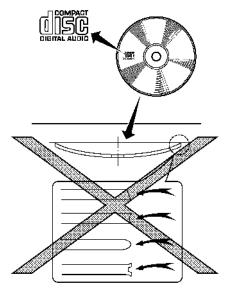
Digital Audio Broadcast (DAB) (where fitted)

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

Some of the stations do not support EPG (Electric Programme Guide).

Depending on the reception condition, acquiring or updating EPG data may take some time.

COMPACT DISC (CD) PLAYER



SAA0480

- 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 or rainy weather, 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, are dirty, scratched, or 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 a 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 re-insert the CD. Make sure that it is inserted correctly.

Eject disc, please:

Indicates a mechanism error. If the CD can be ejected, eject and re-insert the CD. If the CD cannot be ejected, contact an INFINITI Centre or qualified workshop.

Unplayable error:

Indicates that no readable files are found on the inserted CD. Check the data on 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 port.
 Inserting the USB device tilted or upside down into the port may damage the port. Make sure that the USB device is connected correctly to the USB port.
- Do not grab the USB 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 states/areas, the USB device for the front seats plays only sound without images for regulatory reasons, even when the vehicle is parked.

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

Partitioned USB devices may not 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 an 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 the iPod.
- Large video files cause slow responses in an iPod. The vehicle centre display may momentarily black out, but it will soon recover.
- If an iPod automatically selects large video files while in the shuffle mode, the vehicle centre display may momentarily black out, but it will soon recover.

Specification chart for USB

Supported media	USB2.0	
Supported file systems	FAT32	
Folder levels	Folder levels: 8, Folders: 512 (including root folder), Files: 5000	

Format		Sampling rate	Supported/Not supported	
MPEG1	Layer-1	-	Not supported	
	Layer-2	-	Not supported	
	Layer-3	44.1, 48, 32 kHz	Supported (32-320 kbps)	
MPEG2	Layer-1	-	Not supported	
	Layer-2	-	Not supported	
	Layer-3	22.05, 24, 16 kHz	Supported (16-160 kbps)	
MPEG2.5	Layer-1	-	Not supported	
	Layer-2	-	Not supported	
	Layer-3	11.025, 12, 8 kHz	Supported (16-160 kbps)	
WMA *1		32, 44.1, 48 kHz	Supported VER.7/8 (48-192 bps) VER.9/9.1/9.2 (48-320 bps)	
AAC (MPEG4) *2 (Extension "m4a"	only)	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 kHz	Supported (16-320 kbps)	

^{*1} Professional (voice, lossless, multichannel) is not supported.

^{*2} AAC (MPEG-2) is not supported.

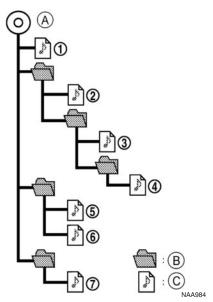
COMPRESSED AUDIO FILES (MP3/WMA/AAC)

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, and track time duration, etc. ID3 tag information is displayed on the Album/Artist/Track title line on the display.
- * Windows® and Windows Media® are registered trademarks or trademarks of Microsoft Corporation in the United States of America and/or other countries.

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.

- If there is a file in the top level of a disc/USB, the root folder is displayed.
- 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.
- The 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
		Version	MPEG1 Audio Layer3, MPEG2 Audio Layer3, MPEG2.5 Audio Layer3
	MP3	Sampling frequency	MPEG2.5 Audio Layer3: 8kHz, 11.025kHz, 12kHz MPEG2 Audio Layer3: 16kHz, 22.05kHz, 24kHz MPEG1 Audio Layer3: 32kHz, 44.1kHz, 48kHz
		Bit rate	8 kbps - 320 kbps, VBR
Supported ver-		Version	WMA7, WMA8, WMA9, WMA9.1, WMA9.2
WWA"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 Ver9, Ver9.2: 8k/11.025k/16k/22k/32k/44.1k Ver9.2: 8k/11.025k/16k/22k/44.1k Ver9.2: 8k/11.025k/16k/22k/44.1k Ver9.2: 8k/11.025k/16k/22k/44.1k Ver9.2: 8k/11.025k/16k/22k/44.1k Ver9.2: 8k/11.025k/16k/22k/44.1k Ver9.2: 8k/11.025k/16k/22k/44.1k Ver9.2: 8k/11.025k/16k/22	
AAC*4	Bit rate/ Sampling frequency	Bit rate: 8-320 kbps, VBR Sampling frequency: 11.025-48kHz	
T . C	(C 1111 A 1111	1.411	ID3 tag VER1.0, VER1.1, VER2.2, VER2.3, VER2.4 (MP3 only)
name)	(Song title, Artist na	ame and Album	WMA tag (WMA only)
name)			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*3			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} Available codes depend on what kind of media, versions and information are going to be displayed.

^{*4} Made by iTunes.

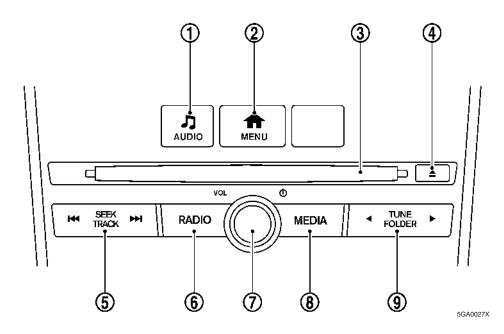
Windows Media Player

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BLUETOOTH® STREAMING AUDIO

- Some Bluetooth® streaming 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® streaming audio device and the in-vehicle Bluetooth® module before using the Bluetooth® streaming audio.
- The Bluetooth® streaming audio may be stopped under the following conditions:
 - When receiving a hands-free call
 - When checking the connection to the hands-free phone
 - When connecting the hands-free phone or the audio device
 - When downloading a phonebook memory from a connected mobile phone
- Do not place a Bluetooth® streaming 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 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.



MAIN AUDIO BUTTONS

* The switch layout in the illustration shows that of the Left-Hand Drive (LHD) model. For the Right-Hand Drive (RHD) model, the switch layout will be the opposite.

(1) **(AUDIO)**

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

Push again to display the audio source list screen.

(2) **<MENU>**:

Push this button to go to the menu screen.

- ③ Disc slot: Insert a disc with the label side facing up.
- (4) < ▲ >: Push to eject a disc.
- (5) **<SEEK•TRACK>**: Functions to seek radio stations or to skip
- 6 **<RADIO>:**Push to switch to the radio mode. The radio band will switch between AM, FM, and DAB

and fast-forward/rewind through tracks.

- (where fitted) each time the button is pushed.

 (7) (VOL/ () >:
 - Push to turn the audio system on/off.
 Turn to adjust the volume.
- (8) <MEDIA>:
 Each time the button is pushed, a different audio source (CD, iPod, USB, Bluetooth®
 Streaming Audio or AUX) will be selected.
- (9) **<TUNE•FOLDER>**: Functions to manually tune AM/FM, and to

select MP3/WMA/AAC folders. When DAB (where fitted) is playing, pushing this button briefly will shift up/down the station within the ensemble. Pushing and holding the button will shift up/down the ensemble while tuning to DAB.

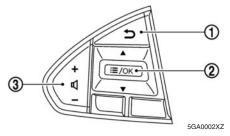
AUDIO OPERATIONS



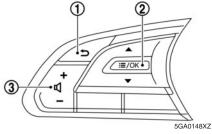
INFO:

Audio APPS information will be displayed when music is played via Infiniti InTouch Apps.

STEERING WHEEL MOUNTED AUDIO CONTROL BUTTONS



Type A



Type B

① < **→** > (BACK):

Push to go back to the previous screen or cancel the selection if it is not completed.

② **〈 ■ /OK〉**:

Tilting the switch up/down while the audio system is turned on with the Map (models with navigation system) or Display View screen displayed on the upper display can perform audio system operations such as changing tracks and radio stations. Tilting briefly (for less than 1.5 seconds) and tiling and holding (for more than 1.5 seconds) have different functions.

Models with navigation system:

Push to select the audio source or display the audio list.

😭 "Shortcut menu" (page 2-11)

(3) <- **□** +> (Volume control):

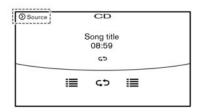
Push the upper (+) or lower (-) side of the switch to increase or decrease the volume.

MAIN AUDIO OPERATION

Turning audio system on/off

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

Selecting audio source



5GA0034XZ

- Turn on the audio source menu screen by touching [Source] on the upper left corner of the audio screen.
- Select an item from the audio source menu screen.



INFO:

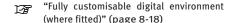
 Pushing <RADIO> or <MEDIA> can also change the audio source.

"Main audio buttons" (page 4-11)

- If the audio system has been turned off while one
 of the audio sources was playing, turning the audio system back on will play the audio source that
 was playing when the system was turned off.
- The audio source can also be changed with the source bar on top of the audio screen.

"Fully customisable digital environment (where fitted)" (page 8-18)

 The audio system settings can be linked and memorised for each of the Intelligent Keys.



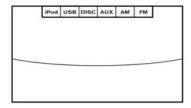
 Audio APPS information will be displayed when music is played via Infiniti InTouch Apps.

Audio source bar

The audio source can be changed with the source bar on top of the audio screen. The source bar display can be turned on/off.

Turning source bar on/off:

You can select whether the source bar on top of the audio screens is displayed or not.



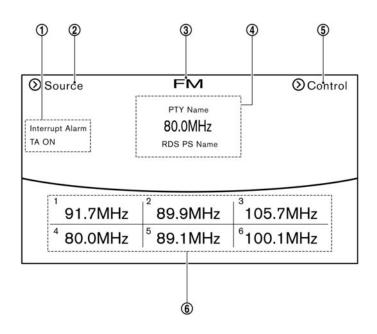
5GA0035XZ

- Touch [Source] on the upper left corner of the audio screen.
- Touch [Show Source Bar] to turn the indicator on/off.

Editing source bar:

The audio sources to be displayed on the source bar can be changed.

- Touch [Source] on the upper left corner of the audio screen.
- 2. Touch [Edit Source Bar].
- Touch one of the keys on the source bar and then touch one of the audio source from the source list to register the audio source in the source bar.



RADIO

How to view radio operation screen (Type A)

* For models with radio status indicator and reception information display.

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

- Radio status indicator:
 The current radio status is displayed.
 The radio status indicator is displayed in any audio source screen.
- ② [Source]:

Touch to switch to the source select screen.

"Selecting audio source" (page 4-12)

- 3 Radio band indicator: The currently selected radio band is displayed.
- (4) Selected station and reception information display: Selected station and reception information available at the time such as frequency and PTY name (where fitted), etc. is displayed.
- (5) [Control]: Touch to display the control screen.

"Radio controls" (page 4-15)

(6) Preset list:

Up to six preferred stations can be registered in the preset list for each band.

"Manual presetting" (page 4-15) Names of the preset broadcasting stations are displayed when available.

Radio operation

5GA0029X

Radio activation and band selection:

Push **<RADIO>** or select the preferred radio band from the audio source list to turn on the radio. Each time **<RADIO>** is pushed, the radio band will change.

"Selecting audio source" (page 4-12)



INFO:

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

Seeking stations:

Push **<SEEK•TRACK>** to tune from low to high or high to low frequencies and to stop at the next broadcasting station.

Manual tuning:

To tune to the preferred station manually, push **<TUNE-FOLDER>** until the preferred station is selected.

Manual presetting:

Up to six stations can be registered for each radio band.

- 1. Select a radio band.
- 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.
- Information such as the frequency etc. will be displayed on the preset list when the preset is complete.



INFO:

- Tilting < /i>
 /OK> on the steering wheel will scroll up/down the preset stations.
- Radio settings can be changed.

"Audio settings" (page 4-27)

Radio controls

Touch [Control] on the AM, FM, or DAB (where fitted) screen to display the control screen. The following control items are available.

FM/AM:

[Station List] (where fitted):

Touch to display the available station list.

• [TA Interrupt] (FM only) (where fitted):

When this item is turned on, received TA (Traffic Announcement) will interrupt the audio source that is playing. This item is available only in Audio mode.

• [RDS Info] (where fitted):

Touch to display the RDS information when FM radio is playing.

DAB (where fitted):

[Station List]:

Touch to display the available station list.

[PTY List]:

Touch to display the PTY (programme type) list. Touch one of the item on the list to display the radio station which belongs to the selected PTY.

[EPG]:

Touch to display the EPG (electronic programme guide) list. If the selected item on the list is broadcast at the time, you can tune to the station by touching [Listen] or read information by touching [Details].

Some stations do not support EPG. Depending on the signal condition, acquiring and updating the data may take some time.

• [TA Interrupt]:

When this item is turned on, received TA (Traffic Announcement) will interrupt the audio source that is playing.

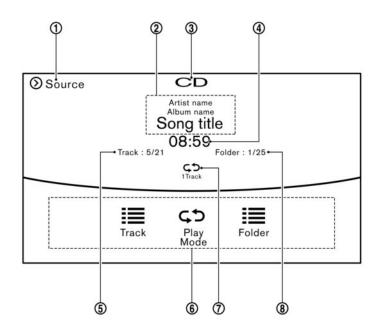
• [DAB Info]:

Touch to display the DAB (Digital Audio Broadcast) information. Information such as the song title and traffic information can be viewed via Dynamic Label Segment.



INFO:

"EAS" in [EAS test] (displayed on the screen as a PTY name) is an abbreviation of "Emergency Alert System".



COMPACT DISC (CD) PLAYER

How to view CD operation screen

1 [Source]:

Touch to switch to the source list screen.

[2]

"Selecting audio source" (page 4-12)

2 Track information:

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

5GA0110XZ

3 Audio source indicator: Indicates that CD is currently selected among other sources. 4 Play time:

The play time of the track is displayed.

(5) Track number:

This indicates the current track number and the total number of tracks.

(6) CD menu:

CD menu items are displayed. Touch an icon to display the list or to change the setting.

- [Track]
- [Folder] (for MP3 CDs)
- [Play Mode]
- (7) Play Mode Indicator:

This indicates the current play mode. Touch to change the play mode.

For CDs without compressed audio files:

Mode	Screen display
1 Disc Repeat	
·	Ç⊅ DISC
1 Track Repeat	
,	Ç⊅ 1Track
1 Disc Random	
	> DISC

For CDs with compressed audio files:

Mode	Screen display
1 Disc Repeat	
	Ç⊅ DISC
1 Folder Repeat	
	Ç⊃ 1 Folder
1 Track Repeat	
	Ç⊅ 1 Track
1 Disc Random	
	> DISC
1 Folder Random	
	1 Folder

(8) Folder number:

This indicates the folder number when a CD with compressed audio files is loaded.

CD player operation

Loading:

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

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

Activation and playing:

The CD mode can be selected from the source list or by pushing **<MEDIA>** with a CD loaded to play the CD.

"Selecting audio source" (page 4-12)

"Main audio buttons" (page 4-11)

If the system has been turned off while the CD was playing, pushing $\langle VOL \rangle$ $\langle U \rangle$ will start the CD.

Selecting track/folder:

Touch [Track] or [Folder] in the CD menu and select a preferred track or folder from the list.

Push **<SEEK*TRACK>** or tilt **<!=**/**OK>** on the steering wheel up/down briefly to move to the next or previous track.

"Main audio buttons" (page 4-11)

Fast-forwarding/rewinding:

Push and hold **<SEEK*TRACK>** to fast-forward or rewind the track. Release **<SEEK*TRACK>** to play the track at normal speed.

Changing play mode:

Touch [Play Mode] or the play mode icon ([**\$\Delta**] or [**\$\Delta**]) to select the play mode.

CD without compressed audio files:

- 1 Disc Repeat
- 1 Track Repeat
- 1 Disc Random

CD with compressed audio files:

- 1 Disc Repeat
- 1 Folder Repeat
- 1 Track Repeat
- 1 Disc Random
- 1 Folder Random

Ejecting CD:

Push (<u>A</u>) to eject a CD. If the CD is ejected and left unremoved, it will be reloaded into the slot to protect the CD.

USB MEMORY DEVICE PLAYER Connecting USB memory device



WARNING:

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



CAUTION:

- Do not force the USB device into the USB port. Inserting the USB device tilted or upside down into the port may damage the port. Make sure that the USB device is connected correctly to the USB port.
- Do not grab the USB port cover (where fitted) when pulling the USB device out of the port. This could damage the port and the cover.

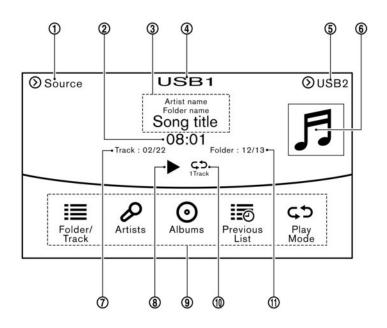
 Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.

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

Two USB connectors are located on the centre console box.

"Media Hub" (page 2-5)

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



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How to view USB operation screen

- (1) [Source]:
 - Touch to switch to the source list screen.
 - "Selecting audio source" (page 4-12)
- 2 Play time:
 - The play time of the track is displayed.

- (3) Track information:
 - Track information such as the song title, artist name and folder name is displayed.
- (4) Audio source indicator:
 Indicates which of the two USB memory
 device is selected.

(5) [USB1]/[USB2]:

Touch to switch to the other connected USB memory device.

- (6) Jacket photo (where fitted): An image of the CD jacket is displayed when available.
- 7 Track number:

This indicates the track number and the total number of tracks.

Touch to play or pause the track.

(9) USB menu:

USB menu items are displayed. Touch an icon to display the list or to change the setting.

- [Folder/Track]
- [Artists]
- [Albums]
- [Previous List]
- [Play Mode]
- 10 Play mode indicator:

This indicates the current play mode. Touch to change the play mode.

Mode	Screen display
All Track Repeat	
	G\$ All
1 Folder Repeat	
	₲ つ 1 Folder
1 Track Repeat	
	₲ つ 1 Track
All Random	
	> C All
1 Folder Random	
	→ 1 Folder

(11) Folder number:

This indicates the folder, artist or album number and the total number of folders/lists.

USB memory device player operation

Activation and playing:

USB memory device mode can also be activated from the audio source list and the audio source bar by the touch panel operation or by pushing **(MEDIA)**.

"Selecting audio source" (page 4-12)

"Names and functions of audio control buttons" (page 4-11)

To play the USB memory device touch [], and to pause the USB memory touch [] on the USB operation screen.

Selecting play list:

Select a play list by touching an icon in the USB menu.

- Track (List)
- Artist (List)
- Album (List)
- Previous List

Skipping tracks/folders:

Push **<SEEK*TRACK>** to or tilt **<!=**/**OK>** on the steering wheel up/down briefly to skip to the next or previous track.

To skip to the next or previous folder, tilt and hold < ≡ /OK> on the steering wheel.

Fast-forwarding/rewinding:

Push and hold **<SEEK*TRACK>** to fast-forward or rewind the track. Release to play the track at normal speed.

Changing play mode:

Touch [Play Mode] on the lower display to select the play mode.

"How to view USB operation screen" (page 4-18)



INFO:

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

IPOD PLAYER

Connecting iPod



WARNING:

Do not connect, disconnect or operate the iPod 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 iPod device into the USB port.
 Inserting the iPod cable tilted or upside down into the port may damage the port. Make sure that the iPod cable is connected correctly to the USB port.
- Do not grab the USB port cover (where fitted) when pulling the iPod cable out of the port. This could damage the port and the cover.
- Do not leave the iPod 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.

Two USB (iPod) connectors are located on the centre console box.



🦙 "Media Hub" (page 2-5)

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

Depending on the model and firmware version of the iPod, the display on the iPod shows an INFINITI 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 using the vehicle audio controls.

Compatibility:

Made for

- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod touch
- iPod with video
- iPod classic
- 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

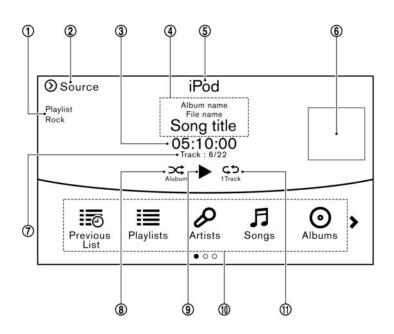


INFO:

- The iPod touch may not respond quickly with the system in some cases.
- 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).



How to view iPod operation screen

- 1 Search condition indicator: This indicates the current search condition.
- ② [Source]:

Touch to switch to the source list screen.

F

"Selecting audio source" (page 4-12)

3 Play time:

The play time of the track is displayed.

(4) Track information:

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

- (5) Audio source indicator: This indicates that iPod is currently selected among other sources.
- (6) Jacket photo (where fitted): An image of the CD jacket is displayed when available.
- (7) Track number: This indicates the track number and the total number of tracks.
- (8) Shuffle mode indicator: Touch to change the shuffle mode.

Mode	Screen display
Shuffle albums	
	Albums
All Songs	
	Tracks
Shuffle Off	OFF

(9) [▶]/[|]:

Touch to play/pause the track.

(10) iPod menu:

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- [Previous List]
- [Playlists]
- [Artists]
- [Songs]
- [Albums]
- [Genres]
- [Composers]

- [Podcasts]
- [Audiobooks]
- [Mix]
- [Repeat]
- (11) Repeat mode indicator:
 Touch to change the repeat mode.

Mode	Screen display
All Track Repeat	
	Ç⊅ AII
1 Track Repeat	
	Ç⊅ 1 Track
Repeat Off	OFF

iPod player operation

Activation and playing:

Inserting the iPod cable into the connector will activate the iPod mode.

iPod can also be selected from the audio sources list and the source bar by touch panel operation or by pushing **(MEDIA)**.



"Selecting audio source" (page 4-12)



"Main audio buttons" (page 4-11)

To play and pause the iPod, touch [Play]/[Pause] in the iPod menu.

Selecting search method:

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

Fast-forwarding/rewinding:

Push and hold **<SEEK*TRACK>** to fast-forward or rewind the song. Release to play the song at normal speed.

Changing play mode:

Touch [Mix] or [Repeat] from the iPod menu to select the play mode.

Skipping songs:

Push **⟨SEEK•TRACK⟩** or tilt **⟨≡/OK⟩** up/down briefly to skip to the next or previous song.



INFO:

Even when iPods or iPhones are inserted into both of the two USB connectors, the system recognises only one of the connected iPods or iPhones at a time.

BLUETOOTH® STREAMING AUDIO

Your vehicle is equipped with Bluetooth® Streaming 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 may also allow basic control of the device for playing and skipping audio files using the AVRCP Bluetooth® profile. Not all Bluetooth®

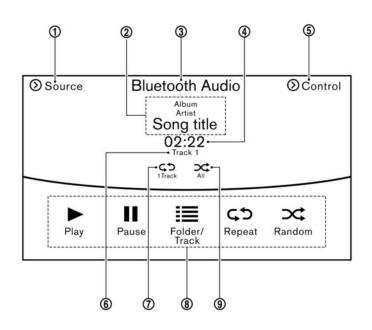
devices have the same level of controls for AVRCP. Please consult the manual for your Bluetooth® device for more details.

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® streaming audio device

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

"Pairing Bluetooth® device" (page 2-21)



How to view Bluetooth® streaming audio operation screen

① [Source]:

Touch to switch to the source list screen.

I⊋ "S

"Selecting audio source" (page 4-12)

(2) Track information:

Track information such as the song title, artist name and folder name is displayed.

(3) Audio source indicator: This indicates that Bluetooth® str

This indicates that Bluetooth® streaming audio is currently selected among other sources.

- 4 Play time: The play time of the track is displayed.
- (5) [Control]:
 - Touch to display the control screen.

"Bluetooth® streaming audio controls" (page 4-25)

- Track number This indicates the track number.
- Repeat mode indicator: Touch to change the repeat mode.

Mode	Screen display
All repeat	
	Ç⊅ AII
1 Folder Repeat	
	Ç ⊅ 1 Folder
1 Track Repeat	
	Ç⊃ 1 Track
Repeat off	
	Ç⊅ OFF

- (8) Bluetooth® streaming audio menu:
 - [Play]

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- [Pause]
- [Folder/Track]
- [Repeat]
- [Random]
- (9) Random mode indicator: Touch to change the random mode.

Mode	Screen display
All Random	
	⊃ C All
1 Folder Random	
	⊅ 1 Folder
Random Off	
	⊃ C OFF



INFO:

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

Bluetooth® streaming audio operation

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



NFO

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

Activation and playing:

Bluetooth® streaming audio device can be selected from audio sources list by touching [Source] or by pushing **(MEDIA)**.

"Selecting audio source" (page 4-12)

"Main audio buttons" (page 4-11)

To play the Bluetooth® streaming audio device, touch [Play], and to pause the Bluetooth® streaming audio device touch [Pause] in the Bluetooth® streaming audio menu.

Selecting folder/track:

Touch [Folder/Track] to select a folder/track.

Changing play mode:

Touch [Repeat] or [Random] in the Bluetooth® streaming audio menu to change the play mode.

Fast-forwarding/rewinding:

Push and hold **<SEEK+TRACK>** to fast-forward or rewind the song. Release to play the song at normal speed.

Skipping songs/folders:

Push **<SEEK*TRACK>** or tilt **<!=**/**OK>** on the steering wheel up/down briefly to skip to the next or previous song.

To skip to the next or previous folder, push <TUNE-FOLDER> or tilt and hold < /Tile /OK> on the steering wheel.

Bluetooth® streaming audio controls

Touch [Control] on the Bluetooth® Audio operation screen to display the control screen.

[Select	Touch to select a different
Device]	Bluetooth® streaming audio
	device from a list of registered
	Bluetooth® devices.
	☑ "Bluetooth® settings"
	(page 2-21)
[Pair Device]	Touch to connect a new
	Bluetooth® device.

AUXILIARY (AUX) DEVICES

Precautions

In some countries, images cannot be displayed in the vehicle at any time for regulatory reasons.

Connecting auxiliary devices

The auxiliary input jacks are located in the centre console box.

ு "Media Hub" (page 2-5)

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

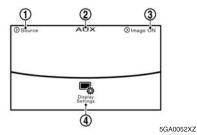
A video player can be connected to the auxiliary video input jack to play movies.



INFO:

Insert a 3.5 mm (1/8 inch) stereo mini plug in the auxiliary input jack. If a cable with a mono plug is used, the audio output may not function normally.

How to view AUX operation screen



(1) [Source]:

Touch to switch to the source list screen.

"Selecting audio source" (page 4-12)

② Audio source indicator: This indicates that AUX device is currently selected among other sources.

[Image ON]/[Image OFF]: Touch to turn the image on the display on/off. This item cannot be operated while driving. (4) [Display Settings]:
Touch to adjust the display settings on the upper display.

Available settings

Adjust the display brightness.
Adjust the display contrast.
Adjust the display black level.
Adjust the tint.
Adjust the colour of the
display.
Return the display settings to
default.

* Available only for data that include movies.

AUX operation

Activation and playing:

Turn on the AUX device.

Connecting an AUX device into the jack will activate the AUX mode.

AUX can be selected from the other audio sources by touching [Source] or by pushing **(MEDIA)**.

عجرا

"Selecting audio source" (page 4-12)

13F

"Main audio buttons" (page 4-11)



INFO:

 Movies are displayed on the upper display while the audio information is displayed on the lower display. AUX settings can be changed.

13F

"Audio settings" (page 4-27)

AUDIO SETTINGS

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

Some of the setting items may not be displayed when the audio system is turned off.

- 1. Push <MENU>.
- 2. Touch [Settings].
- 3. Touch [Audio].

The following setting items are available:

Availability of the item depends on the model and specifications.

• [Sound Settings]

Setting items	Action		
[Bass]			
[Treble]	Adjust the specker tane quality and sound belones by touching [1][] [1][D] or [D][[]]		
[Balance]	Adjust the speaker tone quality and sound balance by touching [+]/[-], [L]/[R] or [R]/[F].		
[Fader]			
[Bose®Centerpoint]	When this item is turned on, surround sound playback is generated from a traditional stereo recording. Turn on this item to activate Bose®Centerpoint and to change its effect level with [Surround Vol].		
[Bose®AudioPilot]	This adjusts the volume and sound quality depending on the changes of the vehicle speeds and the noise picked up by the microphone. It compensates for noise from different road surface conditions and open windows. Turn on this item to activate Bose®AudioPilot.		
[Surround Effect]	Touch [+]/[-] to adjust the Surround Effect level if Bose®Centerpoint is turned on.		
[Speed Sensitive Vol.]	This automatically adjusts the volume depending on the vehicle speed. Touch [+]/[-] to change the sensitivity level.		
[Driver's Audio Stage] When this item is turned on, a better sound quality will be provided to the driver's position. The driver can e more crisp and clear sound that is specialised for the driver's seat position. The prominence of the effect of feature depends on the type of music that is played. For some music, it may be difficult to recognise the effect of feature.			

• [Album Cover]

Turn this item on to display image files from the media device. If the media device does not contain images, no image will be displayed.

• [Broadcast Method]

Select broadcast method from [AUTO], [PAL] and [NTSC].

• [Radio Settings] (where fitted)

Setting items	Action	
[TA Interrupt]	This setting item is for both FM and DAB radio. When this item is turned on, received TA (Traffic Announcement) will interrupt the audio source that is playing.	
[News Interrupt]	This setting item is for both FM and DAB radio. When this item is turned on, received News PTY will interrupt the audio source that is playing.	
[DAB-DAB Tracking]	This setting item is for DAB only. 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 Link]	This setting item is for DAB only. 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.	
[Region Settings]	This setting item is for DAB only. When this items is turned on, the system will allow interruption of a DAB station only if it contains regional information announcements.	
[L-band setting]	This setting item is for DAB only. 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.	
[AF]	This setting item is for FM only. When this item is turned on, the system searches for and re-tunes to an alternative FM station that offers the same programme with better reception.	
[REG (Regional)]	This setting item is for FM only. When this item is turned on, the system searches for and re-tunes to an alternative FM station that offers the same programme with better reception within the same region. The searching and the re-tuning is executed regardless of the region if this item is turned off.	

• [AUX Settings]

Setting items	Action	
[AUX Image Display]	The image display size setting can be selected from [Normal], [Wide], and [Cinema].	
[Volume Setting]	The volume setting can be selected from [Low], [Medium] and [High].	



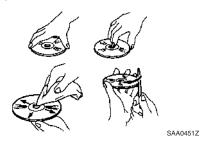
INFO:

• The audio system settings can be linked and memorised by the user's Intelligent Key.

"Fully customisable digital environment (where fitted)" (page 8-18)

- Image display can be turned on/off by touching [Image ON]/[Image OFF] on the upper right corner on the screen.
- The [Radio Settings], [AUX Settings] and [DVD Settings] keys are displayed only while the corresponding audio source is playing.

DISCS



- Handle a disc by its edges. Never touch the surface of the disc. Do not bend the disc.
- Always place discs in their storage cases 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.
- The inner and outer edges of a new disc may be rough. 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 very 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 owner's manual for the USB memory device for details.

This application or device contains software from Gracenote, Inc. of Emeryville, California ("Gracenote"). The software from Gracenote (the "Gracenote Software") enables this application to perform disc and/or file identification and obtain music-related information, including name, artist, track, and title information ("Gracenote Data") from online servers or embedded databases (collectively, "Gracenote Servers") and to perform other functions. You may use Gracenote Data only by means of the intended End-User functions of this application or device.

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5 Hands-Free Phone

Bluetooth® Hands-Free Phone System	5-2
Phone	5-3
Hands-free text messaging assistant	5-5

Phone and text message settings	5-
Bluetooth® information	5-1



WARNING:

- Only 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 in a safe location and stop your vehicle before doing so.



CAUTION:

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

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 by 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® mobile phones to 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.



"10. INFINITI Voice Recognition system-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 wireless LAN functions at the same time may slow down or disrupt communications and could cause undesired noise. It is recommended that you turn wireless LAN (Wi-Fi) off 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.
- For Europe:

Some Bluetooth® enabled mobile phones may not be recognised by the in-vehicle phone module. Visit www.infiniti.eu/ ownership/bluetooth.html or consult an INFINITI Centre or qualified workshop for details regarding phone compatibility.

Except for Europe:

Some Bluetooth® enabled mobile phones may not be recognised by the in-vehicle phone module. Consult an INFINITI Centre or qualified workshop for details regarding phone compatibility.

- Depending on the types of mobile phones, text messaging functions may not work with this system.
- You will not be able to use a hands-free phone under the following conditions:
 - Your vehicle is outside the service area for your mobile phone network.
 - 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.
- The system may not be able to receive phone calls immediately after the power has been turned on.

- 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 of the mobile phone may discharge quicker than usual.
- If the Bluetooth® Hands-Free Phone System seems to be malfunctioning, consult an INFINITI Centre or qualified workshop for support.
- Some mobile phones or other devices may cause interference or a buzzing noise to be emitted from the audio system speakers. Storing the device in a different location may reduce or eliminate the noise.
- Refer to the owner's manual for the mobile phone for information regarding the telephone pairing procedure specific to your phone, battery charging, and mobile phone antenna, etc.
- The antenna display on the monitor may not match the antenna display of some mobile phones.
- The battery display on the monitor may not match 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 echoes.
- If the audio of a call is unclear, adjusting the incoming or outgoing call volume may improve the clarity.

• The microphone is located near the map light.

PHONE

Connecting Bluetooth® Hands-Free Phone

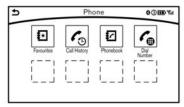
The mobile phone must be connected to the Bluetooth® Hands-Free Phone System before commencing operation. Up to 5 mobile phones can be connected to the system.

"Pairing Bluetooth® device" (page 2-21) Phone selection

Select one of the connected devices for operation.

- Push (MENU) and touch [Phone], then touch [Select Phone]. A list of the connected mobile phones is displayed.
- 2. Select one of the connected mobile phones from the list.
- When selection of the device is successful, a message on the lower touch screen display (lower display) indicates that the mobile phone was selected.

Making a call



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Upper touch screen display (upper display)

- 1. Push <MENU> and touch [Phone].
- Select one of the following methods to make a call.

Available methods

[Favourites]:

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

• [Call History]:

Select a telephone number from recent incoming or outgoing calls.

[Phonebook]:

Select a telephone number from the phonebook.

The telephone number must be transferred to the phonebook from the mobile

phone prior to using this method.

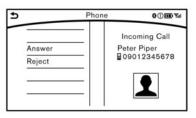
"Phone settings" (page 5-8)

• [Dial Number]:

"How to input letters and numbers" (page 2-10)

The number will be dialled and the screen will change to the call in progress screen.

Receiving a call



5GF0032XZ

When you received a phone call, a notification message is displayed on the upper touch screen display (upper display) with a ring tone.

Taking a call:

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

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

Rejecting a call:

To reject a call, touch [Reject].

Receiving a call while on the line to another person:



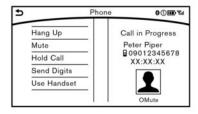
5GF0033XZ

When another phone call is received while on the line to another person, a message box informing you of the incoming call will appear on the upper display.

Available items

Available items	Action
[Answer]	Take the second call and put the first call on hold.
[Reject]	Reject the second call and keep the first call on line.

During a call



5GF0029XZ

There are various options available during a call. Select one of the following options displayed on the screen if necessary.

Available items

Available items	Action	
[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.	
[Hang Up]	This disconnects the person you are currently connected to and will connect you to the person who is on hold.	
[Mute]/[Cancel Mute]	When muted, your voice will not be heard by the person on the other end of the line.	
[Hold Call]**	Place the call on hold.	
[Send Digits]	Using the touch tone, send digits to the connected party for using services such as voicemail.	
[Use Handset]	Transfer the call to the mobile phone.	
[End all calls]*	Hang up all calls including the ones that were on hold.	

^{*:} Available when multiple lines are connected.

^{**:} Available when a single line is connected.



INFO:

- To adjust the volume of the person's voice to be louder or quieter, push <- 11 +> on the steering wheel or turn **<VOL/ (1)** > on the audio main button, while talking on the phone.
- Touch [Mute] if you do not want your voice to be heard by the person on the other end of the line.
- Models with navigation system:

Push **<MAP/VOICE>** on the INFINITI Controller during a call to display the map or menu screen. Push < on the steering-wheel to display the phone screen again.

Models without navigation system:

Push (DISP) on the INFINITI Controller during a call to display the clock. Push () on the steering-wheel to display the phone screen again.

HANDS-FREE TEXT MESSAGING ASSISTANT

Depending on the device that is connected to the vehicle, some of the items may not be displayed.



WARNING:

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



CAUTION:

- This feature is disabled if the connected device does not support the Message Access Profile (MAP). Refer to the owner's manual for your phone for further details and instructions.
- Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.



INFO:

Depending on the type of phone used, setting operation on the phone may be required. Refer to the owner's manual for your phone for further details and instructions.

Text messaging assistant functions may not work with some type of phones.

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

Receiving a message

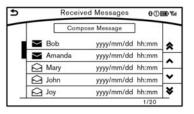


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When the mobile phone connected to the vehicle receives a text message, a notification is displayed on the upper display accompanied by a tone.

To check the message, touch [Check Now]. Touch [Later] to save the message to be checked later.

Displaying received message list



5GF0040XZ

- 1. Push < on the steering wheel.
- 2. Touch [Text Messages].
- 3. Touch an item on the list to read or to reply to the message.



INFO:

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

Received message screen



5GF0039XZ

Lower display

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

Available actions:

• [Next]:

Touch to read the next message.

[Previous]:

Touch to read the previous message.

[Reply]:

A reply template can be selected.

з "Sending a text message" (page 5-7)

[Call]:

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

[Play]/[Stop]:

Touch [Play] to have the hands-free phone system read out the received message. Touch [Stop] to stop reading.

[Add Template]:

The received text message can be added to the template (text list).



INFO:

- The next or previous message will be read if < 🛕 > or **⟨▼⟩** on the steering wheel is pushed while the received text message is read out.
- After the message is read out, a message box will appear and an action can be selected.

[Reply]	Create a reply message.	
	🌃 "Sending a text	
	message" (page 5-7)	
[Next]	Have the system read out the	
	next message.	

• If the sender's name and address is registered in the Phonebook, the name of the sender is displayed as sender information on the screen.

Sending a text message



5GF0003XZ

- 1. Push < ← → on the steering wheel.
- 2. Touch [Mail].
- 3. Touch [Compose Message].

The following items are available.

Available item		Action
[To]	[Keypad]	Type in the address of the recipient using the keypad. Touch [OK] to confirm the address.
	[Phonebook]	Select a recipient from the phonebook and touch [OK] to confirm.
[Template]	Select from list	Select an item from the message list. The selected text will be added to the message to be sent.
	[Add Template]	Select an item in the message list to be edited. Use the keypad to edit the text and touch [OK] to complete editing.
[Send]		Touch to send the message.

PHONE AND TEXT MESSAGE SETTINGS

Phone settings

The Bluetooth® Hands-Free Phone System can be set in detail according to the user's preference.

- 1. Push **<MENU>** and touch [Settings].
- 2. Touch [Phone/Mail].
- 3. Touch [Phone Settings].

The following phone setting items are available.

Incoming Call Settings:

Setting item	Action
[Ringtone]	Select a type of ringtone.

Phonebook/Favourites Settings:

Setting item			Action
[Configure phonebook	[Automatic Transfer Settings]	[Phonebook Auto Download]	Turn automatic download of the phonebook from the mobile phone on/off.
settings]		[Call History Download]	Turn automatic download of the mobile phone call history on/off.
	[Manual Phonebook Transfer]		Manually transfer information from the phonebook on the mobile phone.
	[Delete Phonebook]		To delete a single item, select the item you wish to delete from the list. Touch [Delete All] to delete all items. To delete multiple items, touch [Multiple Selection].
[Favourites Settings]	[Delete Favourites]		To delete a single item, select the item you wish to delete from the list. Touch [Delete All] to delete all items. To delete multiple items, touch [Multiple Selection].
	[Register Favourite]	[From Outgoing Calls]	Select items from the outgoing calls list of the in-vehicle system to add to the favourites.
		[From Incoming Calls]	Select items from the missed calls list of the in-vehicle system to add to the favourites.
		[From Missed Calls]	Select items from the missed calls list of the in-vehicle system to add to the favourites.
[Delete Call	[Delete Outgoing Call History]		To delete a single item, select the item you wish to delete from the list. Touch [Delete All] to delete all items. To delete multiple items, touch [Multiple Selection].
History]	[Delete Incoming Call History]		
	[Delete Missed Call History]		
	[Delete All Call History]		

The volume of the ringtone, incoming call and outgoing call can also be adjusted.



"Volume settings" (page 2-18)

Mail settings

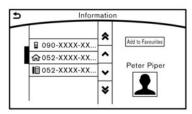
Various settings can be changed from the Mail Settings screen.

- 1. Push <MENU> on the steering wheel.
- 2. Touch [Settings].
- 3. Touch [Phone/Mail].
- 4. Touch [Mail Settings].

The following mail setting items are available.

Setting item	Action
[Message Download Settings]	The transfer function can be turned on/off. When the transfer function is on, the phonebook on the mobile phone will be automatically downloaded to the hands-free text messaging system when connected.
[Attempts for Sending]	The number of reattempts after failing to send a text message can be selected between 0 and 3.
[New Message Alert]	The type of tone used for the notification sound can be selected.
[Edit Text Message Replies]	The template (text to select from when composing an outgoing message) can be edited.

Phonebook



5GF0031XZ

Information in the phonebook on mobile phones can be downloaded.

"Phone and text message settings" (page 5-8)

- 1. Push **<MENU>** and touch [Phone].
- 2. Touch [Phonebook] and select from the list.

This can be viewed on the lower display and used to make calls or send text messages.

Favourites

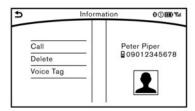
5	Favourites	0 (1 m) Ya
\neg	Add to Favourites	
	1 Peter	
	2 Alice	
	3 Mary	<u> </u>
	4 Shirley	~
ı	5 Steve	*

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Up to 40 phone numbers can be transferred to the favourites list from a mobile phone.

This can be viewed on the lower display and used to make calls or send text messages.

Voice Tag:



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A custom voice tag can be recorded for phone numbers on the favourites list and used to dial the number by speaking it.

- 1. Push ← ← → on the steering wheel.
- 2. Touch [Favourites].
- 3. Select an item from the list.
- 4. Touch [Voice Tag].

Available Items	Action
[Register]	Touch to record a voice tag for the phone number.
[Re-registration]	Touch to rerecord the voice tag.
[Play]	Play the recorded voice tag.
[Delete]	Touch to delete the voice tag.

BLUETOOTH® INFORMATION

Information about the connected Bluetooth® device can be viewed.

- 1. Push <MENU> on the steering wheel.
- 2. Touch [Settings].
- 3. Touch [Bluetooth].
- 4. Touch [Vehicle Bluetooth Device Info.].

The following items are available.

Available item	Action	
[Device Name]	The name of the connected Bluetooth® device is displayed. Touch [Device Name] to display the keyboard input screen for editing.	
[PIN Code]	The passkey of the connected Bluetooth® device is displayed. Touch [PIN Code] to display the keyboard input screen.	
Device Address	The device address of the connected Bluetooth® device is displayed.	

6 INFINITI InTouch Apps

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

Infiniti InTouch provides in-vehicle access to two types of applications: Vehicle Apps and Mobile Apps (where fitted). Vehicle Apps can be downloaded from App Garage in the menu screen. Mobile Apps (where fitted) are a limited selection of popular smartphone-based Apps that have been customised for in-vehicle use. Mobile Apps (where fitted) can be accessed by connecting a compatible smartphone to the vehicle.

The system allows you to download new applications, update downloaded applications and delete downloaded applications in a similar manner to popular smartphone operating systems.

Some pre-installed Vehicle Apps can be used without taking any further action. However, you will need to connect a compatible smartphone to the vehicle in order to update Vehicle Apps or use Mobile Apps (where fitted).

The use of applications is only guaranteed for smartphones that have been tested and approved for use with Infiniti InTouch Apps. Only iPhone and Android devices are currently supported. Android smartphones must support Bluetooth® and SPP (Serial Port Profile).

In some countries or regions, Mobile Apps (where fitted) and some Vehicle Apps services are not available.

Using with iPhone:

To use Infiniti InTouch Apps with your iPhone, the iPhone must be connected with a USB cable. If an additional iPhone is connected by wired connection while an iPod is being used via a wired connection, the service will not be available. To use the service, it is first necessary to unplug the iPod cable from the USB port where the iPod is connected.

"Media Hub" (page 2-5)

Using with Android smartphone:

To use Infiniti InTouch Apps with your Android smartphone, the device must be connected via Bluetooth® and registered as a hands-free device.

"Pairing Bluetooth® device" (page 2-21)

A compatible smartphone is required to use Mobile Apps (where fitted) or to access connected features of certain Vehicle Apps.

For Europe:

Some Bluetooth® enabled mobile phones may not be recognised by the in-vehicle phone module. Consult an INFINITI Centre or qualified workshop or visit an INFINITI owner portal for details regarding phone compatibility.



"Bluetooth® Hands-Free Phone System" (page 5-2)

Except for Europe:

Some Bluetooth® enabled mobile phones may not be recognised by the in-vehicle phone module. Consult the INFINITI owner portal (if available) or an INFINITI Centre or qualified workshop for information regarding phone compatibility.



CAUTION:

- To use Mobile Apps (where fitted), the Infiniti In-Touch Mobile App must be installed and running on the compatible smartphone. This App can be downloaded from the application store.
- Mobile Apps (where fitted) also require an active subscription and valid INFINITI Owner Portal account.
- Communication fees may be charged depending on the contents of the contract between the user and the mobile phone carrier.
- Before using this service, some applications may require individual subscriptions.
- For some applications, the system may not support all functions of the applications that are installed on your smartphone. Additionally, due to service provider policies, the contents of application services may be changed or terminated.

USING APPLICATIONS

- If the smartphone is outside the network range, some functions cannot be used.
- While driving, some operations are limited in order to prevent distracting the driver. While driving, avoid looking at the display.
- Before changing ownership of the vehicle, delete application data (Email data, etc.) stored on the in-vehicle device. It is also recommended that you call your INFINITI customer centre to notify them of change of ownership.
- Some application services may be subject to change or be terminated without prior notice.

NOTE:

To use Apps functions on models without navigation system, please complete the calendar setting from Clock setting screen.

"Clock settings" (page 2-20)

MAIN OPERATION

Push **<MENU>** to display the menu screen

Touch the icon for the preferred application. The selected application will be launched.

 The applications shown on the menu screen and the display order can be customized.

"App Garage Settings screen" (page 6-5)

 Some applications can be set to launch automatically as the ignition switch is turned on.

VEHICLE APPS

Vehicle Apps are unique applications developed by INFINITI that can be downloaded and installed on the in-vehicle hardware.

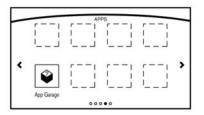


INFO:

The Infiniti InTouch Mobile App must be installed and running on a compatible smartphone in order to download updates or use Vehicle Apps that require a network connection.

"Getting user ID and password" (page 6-9).

APP GARAGE SCREEN



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Push **(MENU)** and touch [App Garage].

Available settings

[Vehicle Apps Manager] (where fitted) Install, uninstall, and update the Vehicle Apps application.

• [App Garage Settings]

Select icons to be displayed on the menu screen and change the auto start and network connection settings.

Available application list

Display downloaded Vehicle Apps applications and selected Mobile Apps (where fitted) applications.

App Garage Settings screen

Application settings can be changed on the App Garage Settings screen.

- 1. Push <MENU> and touch [App Garage].
- 2. Touch [App Garage Settings].

Menu Item [All Apps]		Action Show all applications. Select an application from the list to modify additional application-specific settings.	
	[Stop All]	Stop all running applications.	
[Menu Icon Location Setting]	Applications list	Show or hide the application icon on the menu screen.	
	[Delete All]	Delete all application icons on the menu screen.	
[Auto Start Setting]		Enable this setting to automatically launch the application upon vehicle ignition.	
[System Information]		Display system information.	
[Install Apps via USB]		Install an application via USB from the INFINITI owner portal.	
[Automatic Connection] (where fitted)		Set the connecting interval. Vehicle Apps Manager (where fitted) connects to the server at regular intervals in order to obtain up-to-date information (such as checking for application updates).	
[Network Notification] (where fitted)		If Network Notification is on, a pop-up message is displayed when a network connection is established.	
[Installation Notification] (where fitted)		If Install Notification is on, a pop-up message is displayed when a new application is installed.	
[Factory Data Reset]		Discard downloaded or stored application data.	

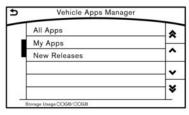


NOTE:

- If the Auto Start Setting is enabled, some applications may be accessible to other drivers of your vehicle.
- Depending on the type of application, some applications may not be displayed in the [Running Apps] field even if they are running.
- When [Network Notification] (where fitted) is turned off, some Apps will be started automatically, meaning that network communication will be used and communication fees will be charged.
- The Auto Start function may not be available for some applications.

VEHICLE APPS MANAGER (where fitted)

On this screen, you can update, uninstall, and install Vehicle Apps.



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2. Touch [Vehicle Apps Manager].

Available setting items

[All Apps]

Display all Vehicle Apps. You can select to display application information, update, install and uninstall applications.

[My Apps]

Display installed Vehicle Apps. You can select to display application information, update and uninstall applications.

[New Releases] (where fitted)

Display newly released Vehicle Apps. You can select an item to display application information.



INFO:

In order to display the application list screen or the installation and update screens using the [Vehicle Apps Manager], connection via a smartphone is required to establish communication.

Push **(MENU)** and touch [App Garage].

MAJOR APPS AVAILABLE FOR USE IN THIS SYSTEM

The major applications currently available for Infiniti InTouch are introduced here.

Note that the applications are subject to updates and changes.

Apps	Descriptions
[Maintenance Note]	Previous maintenance records such as oil change and vehicle inspection, etc. can be stored in [Maintenance Note]. You can check maintenance items from inside the vehicle at your convenience.
[Calendar]* (where fitted)	The day's schedule can be checked. The schedule in the [Calendar] works with web-based services.
[Email]* (where fitted)	The Email account you use can also be accessed through the vehicle system. You will be informed when a new incoming message is received. This application works with web-based services.
[Compass] (models with navigation system)	The current travelling direction of the vehicle is shown in various kinds of skins. Accurate information cannot be provided if GPS position information cannot be obtained.
[Clock]	[Clock] shows the current time in various kinds of skins.
Mobile Apps (where fitted)	Many popular applications you usually use on your smartphone can also be used in your vehicle. After registering a subscription in "Infiniti InTouch App" you can use these applications by operating the in-vehicle display. Applications such as Facebook, etc.

^{*:} Requires an account to be set up. To use [Calendar], [Email] and Mobile Apps (where fitted), Infiniti InTouch Mobile App must be downloaded to your smartphone.



WARNING:

Look at the display screen only briefly while driving. Keep your eyes on the road. Inattentive driving may lead to a crash resulting in serious injuries or death.



INFO:

When Fmail service and calendar schedule information are displayed on the in-vehicle display, the system controls the display based on the in-vehicle profiles (user ID and password). Therefore, users are required to create a profile to make use of Fmail and calendar services.

IMPORTANT:

A PIN code can be used so that other people cannot see your Email and calendar apps. When the engine or the hybrid system is turned OFF and then ON again, the PIN code has to be entered.

After the PIN code is entered, regardless of whether your smartphone is connected to the vehicle or not, Email and calender apps will be viewable until either the engine or the hybrid system are turned OFF. When the system is set to valet parking, or the relevant account is erased. Email and schedule will be erased from the system.

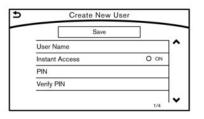
EXAMPLE OF HOW VEHICLE APPS IS USED

Example: Email application

This App allows you to access web-based Email through the in-vehicle interface. When you use this application for the first time, you will need to create a new user.

To use the Email application service, connect a smartphone to the vehicle.

1. Push **(MENU)** and touch [Email].



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- 2. Touch [Create new user]. The new user input screen will be displayed.
- 3. Input your name and PIN code and set Instant Access on or off, and then touch [Save].



INFO:

If the Instant Access mode is set to on, it is not necessary to enter a PIN code each time.

- 4. Display the Select User screen, and touch a user name.
- 5. Input the PIN code and touch [OK]. The mail box screen will be displayed.

If an account is not yet set up, set an account (Google account, etc.) in the Manage Account screen displayed.



INFO:

- On the received messages screen, touch sender name or address to display sender detail screen.
- System folders (inbox, draft, send, etc.) cannot be modified.

MOBILE APPS (where fitted)

Mobile Apps are a limited selection of popular smartphone-based Apps that have been customised for in-vehicle use. Mobile Apps can be accessed by connecting your compatible smartphone to the vehicle.

Applications installed on your smartphone can be selected and rendered on the in-vehicle display. Only compatible applications can be used with this system.

INITIAL SETTINGS

When you activate the Infiniti InTouch Mobile App service for the first time, you should acquire a user ID and a password in advance. With your credentials, Infiniti InTouch Mobile App can be activated from your smartphone and displayed on the in-vehicle displays.

Getting user ID and password

1. Download the "Infiniti InTouch" application to your smartphone from the iTunes store or an application store.



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Sample image of English page

- 2. Start "Infiniti InTouch" and select [Create Account]. Enter the following information.
 - Name
 - Email address (which functions as your user ID)
 - Password

- 3. After validating the information, your user ID and password are created.
 - * An account can also be obtained online from the INFINITI owner portal site.

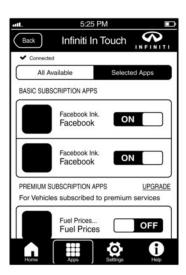


NOTE:

Installing Infiniti InTouch Mobile App may affect the performances of applications that were previously installed.

Linking Smartphone Apps to vehicle

1. Start the "Infiniti InTouch" App on the smartphone. Enter a user ID and password.



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Sample image of English page

- 2. Select an application.
- 3. The screen for the selected application is displayed.

4. Connect a smartphone to your vehicle.



NOTE:

- Mobile Apps services cannot be used if the application use setting of Infiniti InTouch Apps is not turned on.
- Some applications may not run unless they are installed on a smartphone. (e.g., PANDORA, etc.)
- Based on the user ID information that was registered with the current application, the contents are displayed on the in-vehicle display.
- The application services are provided on the assumption that you have agreed to the user policy of each application in advance. Note that the accuracy of the information obtained from the applications is not guaranteed.
- Updates of regular applications on smartphones may not always synchronise with the Mobile Apps updates.

USING SMARTPHONE APPLICATIONS

- 1. Connect a smartphone to the vehicle.
- 2. Push **<MENU>** and touch [App Garage].
- 3. Touch an application to display the application information.



INFO:

 The screen shown on the display and the smartphone may not be identical.

- Mobile Apps services cannot be used unless the smartphone is connected to the vehicle.
- The languages that can be displayed on your smartphone and the Dual Display may differ. Some of the characters may not be legible and may not be displayed correctly on the smartphone and the Dual Display.
- The languages that can be displayed on your smartphone and the Dual Display may differ. Some of the characters may not be displayed correctly on the smartphone and the Dual Display.

7 Monitor system

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When the shift lever is shifted into the R (Reverse) position, the upper display shows the view to the rear of the vehicle.

The system is designed as an aid to the driver in situations such as slot parking or parallel parking.

REARVIEW MONITOR OPERATION PRECAUTIONS

The distance between the vehicle and the objects viewed on the monitor may be different from the actual distances.



"Difference between predictive and actual distances" (page 7-21)



WARNING:

Failure to follow the warnings and instructions for proper use of the RearView Monitor could result in serious injury or death.

- The RearView Monitor is a convenience but it is not a substitute for proper reversing. Always turn and look out the windows, and check the mirrors to be sure that it is safe to move before operating the vehicle. Always reverse slowly.
- The system is designed as an aid to the driver in detecting large stationary objects directly behind the vehicle, to help avoid damaging the vehicle.
- The system cannot completely show non-viewable spots and may not detect every object. It does not warn of moving objects.

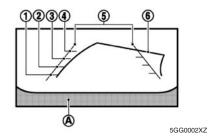
- The area underneath the bumper and the corner areas of the bumper cannot be viewed on the Rear-View Monitor because of limitations in the monitoring range. The system will not detect small objects below the bumper, and may not detect objects close to the bumper or on the ground.
- Objects viewed in the RearView Monitor differ from the actual distance because a wide-angle lens is used.
- Objects in the RearView Monitor will appear visually opposite than when viewed in the rear view and outside mirrors.
- Make sure that the boot is securely closed when reversing.
- Do not place anything on the rear view camera.
 The rear view camera is installed above the license plate.
- When washing the vehicle with high-pressure water, be sure not to spray it around the camera. Otherwise, water may enter the camera unit causing water condensation on the lens, a malfunction, fire or an electric shock.
- Do not strike the camera. It is a precision instrument. Otherwise, it may malfunction or cause damage resulting in a fire or an electric shock.



CAUTION:

Do not scratch the camera lens when cleaning dirt or snow from the front of the camera.

HOW TO READ DISPLAYED LINES



Guiding lines which indicate the vehicle width and distances to objects with reference to the bumper line (A) are displayed on the monitor.

Distance guide lines:

Indicate distances from the bumper.

- Red line (1): approx. 0.5 m (1.5 ft)
- Yellow line (2): approx. 1 m (3 ft)
- Green line (3): approx. 2 m (7 ft)
- Green line (4): approx. 3 m (10 ft)

(5) Vehicle width guide lines:

Indicate the vehicle width when reversing.

(6) Predictive course lines:

Indicate the predictive course when reversing. The predictive course lines will be displayed on the monitor when the shift lever is in the R (Reverse) position and the steering wheel is turned. The predictive course lines will move depending on how much the steering wheel is turned and will not be displayed while the steering wheel is in the neutral position.

The vehicle width guide lines and the width of the predictive course lines are wider than the actual width and course.



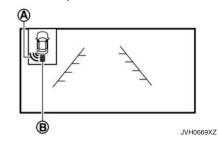
WARNING:

- Always turn and check that it is safe to park your vehicle before reversing. Always reverse slowly.
- If the tyres are replaced with different sized tyres, the predictive course line may not be displayed correctly.
- On a snow-covered or slippery road, there may be a difference between the predictive course line and the actual course line.
- The displayed lines will appear slightly off to the right because the rear view camera is not installed in the rear centre of the vehicle.
- The distance guide line and the vehicle width guide line should be used as a reference only when the vehicle is on a level paved surface. The distance viewed on the monitor is for reference only

and may be different than the actual distance between the vehicle and displayed objects.

When reversing the vehicle up a hill, objects viewed in the monitor are further than they appear. When reversing the vehicle down a hill, objects viewed in the monitor are closer than they appear. Use the inside mirror or glance over your shoulder to properly judge distances to other objects.

PARKING SENSOR (sonar) INDICATOR (where fitted)



- (A) Corner sensor (sonar) indicator
- (B) Centre sensor (sonar) indicator

When the corner/centre sensor (sonar) detects obstacles near the bumper, a tone will sound and the parking sensor (sonar) indicator will appear in the centre display.

The parking sensor (sonar) indicators (A) and (B) indicate the position of the object and the distance to the object by colour and the rate of blinking.

When an object is detected, the indicator (green) appears and blinks (the tone sounds intermittently). When the vehicle moves closer to the object, the colour of the indicator turns yellow and the rate of blinking increases (the rate of the tone increases). When the bumper is very close to the object (less than 30 cm (11.8 in) away), the indicator stops blinking and turns red (the tone sounds continuously).

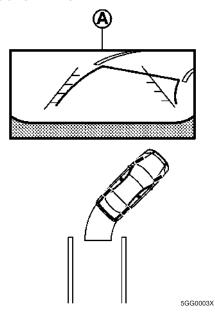
The colours of the parking sensor (sonar) indicator and the distance guide lines in the rear view indicate different distances to the object.

The parking sensor (sonar) indicator can be turned off in the parking sensor (sonar) setting display.

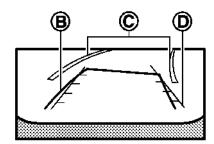
"RearView Monitor settings" (page 7-5)

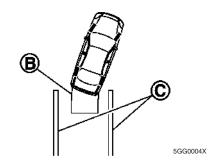
When the parking sensor (sonar) indicator is turned off, only a tone sounds when the parking sensor (sonar) detects obstacles.

HOW TO PARK WITH PREDICTIVE COURSE LINES



- 1. Visually check that the parking space is safe before parking your vehicle.
- 2. The rear view of the vehicle (A) is displayed as illustrated when the shift lever is shifted to the R (Reverse) position.





- 3. Slowly reverse the vehicle adjusting the steering wheel so that the predictive course lines (B) enter the parking space (C).
- 4. When the back of the vehicle enters the parking space (C), manoeuvre the steering wheel to make the vehicle width guide lines (D) parallel to the parking space (C).

When the vehicle is parked in the space completely, move the shift lever to the P (Park) position and apply the parking brake.

7-4 Monitor system

REARVIEW MONITOR SETTINGS

The RearView Monitor settings can be changed using the following procedure.

- 1. Push <MENU>.
- 2. Touch [Settings].
- 3. Touch [Camera/Sonar].

Setting Items		Action
[Camera]	[Predictive Course Lines]	When this item is turned on, the predictive course line is displayed on the rear view screen.
[Sonar]	[Sonar]	Turn the parking sensor (sonar) system on/off.
	[FR Sensor Only]	Turn on to activate front parking sensor (sonar) and deactivate rear parking sensor (sonar).
	[Interrupt Display]	Turn the automatic parking sensor (sonar) display on/off.
	[Sonar Sensitivity]	Adjust the parking sensor (sonar) sensitivity by touching [+]/[-].
	[Sonar Volume]	Adjust the warning tone volume by touching [+]/[-].
[Display] Available only when camera screen is displayed on the upper display.	[Brightness]	Adjust display settings by touching [+]/[-].
	[Contrast]	
	[Black Level]	
	[Tint]	
	[Colour]	
	[Default Settings]	Return all settings to default.

AROUND VIEW™ MONITOR (where fitted)

OPERATING TIPS

- When the shift lever is shifted to the R (Reverse) position, the upper screen automatically changes to the RearView Monitor mode.
- The following conditions may occur but these do not indicate a malfunction.
 - When the view is switched, the images on the screen may be displayed with some delay.
 - When the temperature is extremely high or low, the screen may not clearly display objects.
 - When the camera is directly exposed to strong light, objects may not be displayed clearly.
 - Vertical lines may be seen in objects on the screen due to strong reflected light from the bumper.
 - The screen may flicker under fluorescent light.
 - The colours of objects on the rear view screen may differ somewhat from the actual colour of objects.
 - Objects on the monitor may not be clear in a dark environment.
- If dirt, rain or snow accumulates on the camera, the rear view may not display objects clearly. Clean the camera if this happens.

- Do not use alcohol, benzine or thinner to clean the camera. This will cause discoloration. To clean the camera, wipe with a cloth dampened with diluted mild cleaning agent and then wipe with a dry cloth.
- Be careful not to damage the camera as the monitor screen may be adversely affected.
- Do not use wax on the camera window. Wipe off any wax with a clean cloth dampened with mild detergent diluted with water.

When you push **<CAMERA** on the INFINITI Controller or shift the shift lever into the R (Reverse) position while the ignition switch is in the "ON" position, the Around View Monitor operates with the parking sensor (sonar) system. The upper touch screen display (upper display) shows the view to the Around View Monitor. The Around View Monitor shows various views of the position of the vehicle.

Available views:

Bird's-Eye View

The surrounding view of the vehicle.

Front-Side View

The view around and ahead of the front passenger's side wheel.

Front View

An approximately 150-degree view of the front of the vehicle.

Front-Wide View

An approximately 180-degree view of the front of the vehicle.

Rear View

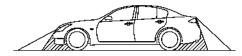
An approximately 150-degree view of the rear of the vehicle.

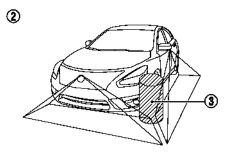
Rear-Wide View (where fitted)

An approximately 180-degree view of the rear of the vehicle.

AROUND VIEW MONITOR OPERATION PRECAUTIONS







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The system is designed as an aid to the driver in situations such as slot parking or parallel parking.

There are some areas where the system will not show objects and the system does not warn of moving objects. When in the front or the rear view display, an object below the bumper or on the ground may not be viewed \bigcirc . When in the bird's-eye view, a tall object near the seam \bigcirc of the camera viewing areas will not appear in the monitor \bigcirc .



WARNING:

- The Around View Monitor is a convenience feature but it is not a substitute for proper vehicle operation because it has areas where objects cannot be viewed. Always look out the windows and check mirrors to be sure that it is safe to move. The driver is always responsible for safety during parking and other manoeuvres.
- Do not use the Around View Monitor with the outside mirror in the stored position, and make sure that the boot lid is securely closed when operating the vehicle using the Around View Monitor.
- The distance between objects viewed on the Around View Monitor differs from the actual distance.
- The cameras are installed above the front grille, the outside mirrors and above the rear number plate. Do not place anything on the cameras.
- When washing the vehicle with high-pressure water, be sure not to spray it around the cameras.
 Otherwise, water may enter the camera unit causing water condensation on the lens, a malfunction, fire or an electric shock.

Do not strike the cameras. They are precision instruments. Doing so could cause a malfunction or cause damage resulting in a fire or an electric shock.



CAUTION:

Do not scratch the lens when cleaning dirt or snow from the front of the camera.

AROUND VIEW MONITOR MAIN OPERATION

Starting the system

To start the system, push **<CAMERA>** or change the shift lever position to R while the ignition switch is in the "ON" position.

Switching views

The view on the Around View Monitor screen can be switched by pushing **(CAMERA)**, touching [Change View] or by changing the shift lever position.

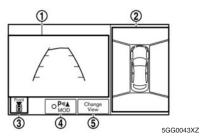
Push **<CAMERA>**:

When **<CAMERA** is pushed while a screen other than a camera screen is displayed, the Around View Monitor operates and the front view and bird's-eye view are displayed. Push **<CAMERA** to switch the display to the front view and front-side view screen or front-wide view screen.

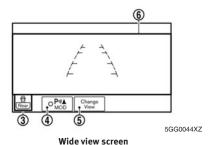
Changing shift lever position:

When the shift lever is in the R position, the rear view or rear-wide view (where fitted) is displayed. When the shift lever is out of the R position, the front or front-wide view is displayed.

HOW TO VIEW AROUND VIEW MONITOR SCREEN



Around view screen



- * The layout in the illustration shows that of the Left-Hand Drive (LHD) model. For the Right-Hand Drive (RHD) model, the layout will be the opposite.
- 1 View on the left side:

The rear view is displayed when the shift lever is in the R position. The front view is displayed when the shift lever is in the D, N or P position.

- ② View on the right side: The bird's-eye view or front-side view is displayed.
- (3) View indicator:

Indicates whether which one of the front view, rear view, front-wide view, rear-wide view (where fitted) is displayed on the left side of the screen.

4 Sonar/MOD key:

Turn the parking sensor (sonar) and the Moving Object Detection (MOD) system on/off.

"Turning parking sensor (sonar) system on/off" (page 7-13)

"Turning MOD system on/off" (page 7-15)

(5) [Change View]:

Each time [Change View] is touched, the view will change between bird's-eye view, front-side view and wide view.

(6) Wide view screen:

Front-wide view or rear-wide view (where fitted) is displayed.



INFO:

If the vehicle is equipped with Back-up Collision Intervention (BCI) system, $\left[\stackrel{\frown}{\mathbb{Q}}_{q_{\overline{q}}} \right]$ may be displayed on the Around View Monitor screen. For details of the BCI system, refer to the vehicle Owner's Manual.

HOW TO SEE EACH VIEW

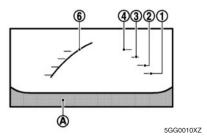


WARNING:

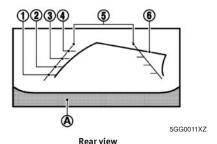
- The distance guide line and the vehicle width line should be used as a reference only when the vehicle is on a paved, level surface. The distance viewed on the monitor is for reference only and may be different than the actual distance between the vehicle and displayed objects.
- Use the displayed lines and the bird's-eye view as a reference. The lines and the bird's-eye view are greatly affected by the number of occupants, fuel level, vehicle position, road condition and road grade.
- If the tyres are replaced with different sized tyres, the predictive course line and the bird's-eye view may be displayed incorrectly.

- When driving the vehicle up a hill, objects viewed in the monitor are further than they appear. When driving the vehicle down a hill, objects viewed in the monitor are closer than they appear. Use the mirrors or actually look to properly judge distances to other objects.
- The vehicle width and predictive course lines are wider than the actual width and course.
- The distance between objects viewed in the rear view differs from the actual distance because a wide-angle lens is used. Objects in the monitor will appear visually opposite than when viewed in the rear view and outside mirrors.
- On a snow-covered or slippery road, there may be a difference between the predictive course line and the actual course line.
- The displayed lines on the rear view will appear slightly off to the right because the rear view camera is not installed in the rear centre of the vehicle.

Front and rear view



Front view



Guiding lines, which indicate the vehicle width and distances to objects with reference to the vehicle body line (A), are displayed on the monitor.

1)-(4) Distance guide lines:

Indicate distances from the vehicle body.

- Red line (1): approx. 0.5 m (1.5 ft)
- Yellow line (2): approx. 1 m (3 ft)
- Green line (3): approx. 2 m (7 ft)
- Green line (4): approx. 3 m (10 ft)

5 Vehicle width guide lines:

Indicate the vehicle width when reversing.

(6) Predictive course lines:

Indicate the predictive course when operating the vehicle. The predictive course lines will be displayed on the monitor when the steering wheel is turned. The predictive course lines will move depending on how much the steering wheel is turned and will not be displayed while the steering wheel is in the straight ahead position.

The front view will not be displayed when the vehicle speed is above 8 km/h (5 MPH).



INFO:

When the monitor displays the front view and the steering wheel is turned approximately 90 degrees or less from the neutral position, both the right and left predictive course lines 6 are displayed. When the steering wheel is turned

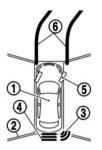
approximately 90 degrees or more, a line is displayed only on the opposite side of the turn.

Bird's-eye view



WARNING:

- Objects in the bird's-eye view will appear further than the actual distance because the bird's-eye view is a pseudo view that is processed by combining the views from the cameras on the outside mirrors, the front and the rear of the vehicle.
- Tall objects, such as a curb or vehicle, may be misaligned or not displayed at the seam of the views.
- Objects that are above the camera cannot be displayed.
- The view for the bird's-eye view may be misaligned when the camera position changes.
- A line on the ground may be misaligned and is not seen as being straight at the seam of the views. The misalignment will increase as the line proceeds away from the vehicle.
- The tyre angle display does not indicate the actual tyre angle.



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The bird's-eye view shows the overhead view of the vehicle, which helps confirm the vehicle position and the predicted course to a parking space.

(1) Vehicle icon:

Shows the position of the vehicle. The size of the vehicle icon on the bird's-eye view may differ somewhat from the actual vehicle.

(2) Non-viewable areas:

The objects in these areas do not appear on the screen. The areas are usually indicated in black but will be highlighted in yellow for several seconds after the bird's-eye view is displayed for the first time when the switch is placed in the ON position, to remind the driver of the nonviewable areas.

(3) Corner sensor (sonar):

Indicates that the sensor (sonar) detected an object around the corner of the vehicle.

(4) Centre sensor (sonar):

Indicates that the sensor (sonar) detected an object around the centre of the vehicle.

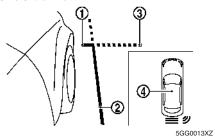
(5) Tyre angle indicator:

Indicates the angle of the tyres to help the driver in instances such as parking.

(6) Predictive course lines:

Displayed when the steering wheel is turned and is out of the neutral position. The lines will move according to how much the steering wheel is turned. When the monitor displays the rear view, the predictive course lines are shown at the rear of the vehicle.

Front-side view



Guiding lines that indicate the width and the front end of the vehicle are displayed on the monitor.

1 Front-of-vehicle line:

Shows the front part of the vehicle.

(2) Side-of-vehicle line:

Shows the vehicle width including outside mirror.

(3) Extension lines:

Extensions of the front-of-vehicle line and the side-of-vehicle line are displayed in a green dotted line.

(4) Parking sensor (sonar) indicator:

Displayed when objects are detected.

The parking sensor (sonar) indicator can be turned off.



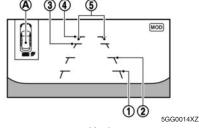
"Around View Monitor settings" (page 7-18).



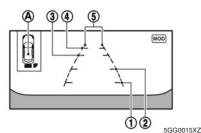
CAUTION:

The turn signal light may look like the side-of-vehicle line. This is not a malfunction.

Front-wide view/rear-wide view (where fitted)



Front-wide view



Rear-wide view (where fitted)

The front-wide view/rear-wide view (where fitted) shows a wider area on the entire screen and allows checking of the blind corners on the right and left sides. The front-wide view/rear-wide view (where fitted) displays an approximately 180-degree area while the front view and the rear view display an approximately 150-degree area. The predictive course lines are not displayed when using the front-wide view/rearwide view (where fitted).

(1)-(4) Distance guide lines:

Indicate distances from the vehicle body.

- Red line (1): approx. 0.5 m (1.5 ft)
- Yellow line (2): approx. 1 m (3 ft)
- Green line (3): approx. 2 m (7 ft)
- Green line (4): approx. 3 m (10 ft)

(5) Vehicle width guide lines:

Indicate the vehicle width when reversing.

(A) Parking sensor (sonar) indicator:

Appears when the vehicle moves closer to an object.

CAMERA AIDING PARKING SENSOR (sonar) FUNCTION

The parking sensor (sonar) sounds a tone to inform the driver of obstacles near the bumper.



WARNING:

- The parking sensor (sonar) is a convenient feature to aid the driver. It is not a substitute for proper parking.
- The driver is always responsible for safety during parking and other manoeuvres.
- Always look around and check that it is safe to move before parking.
- Read and understand the limitations of the parking sensor (sonar) as described in this section.
- The colours of the parking sensor (sonar) indicators and the distance guide lines in the front view, front-wide view, rear view and rear-wide view (where fitted) indicate different distances to the object.

- Inclement weather or ultrasonic sources such as an automatic car wash, a truck's compressed-air brakes or a pneumatic drill may affect the function of the system; this may include reduced performance or a false activation.
- This function is designed as an aid to the driver in detecting large stationary objects to help avoid damaging the vehicle.
- The system is not designed to prevent contact with small or moving objects.
- The system will not detect small objects below the bumper, and may not detect objects close to the bumper or on the ground.
- The system may not detect the following objects:
 - Fluffy objects such as snow, cloth, cotton, grass or wool
 - Thin objects such as rope, wire or chain
 - Wedge-shaped objects
- If your vehicle sustains damage to the bumper fascia, leaving it misaligned or bent, the sensing zone may be altered, causing inaccurate measurement of objects or false alarms.



CAUTION:

Excessive noise (such as from the audio system or an open vehicle window) will interfere with the tone and it may not be audible.

Keep the surface of the parking sensor (sonar) (located on the front and rear bumper fascia) free from accumulation of snow, ice and dirt. Do not scratch the surface of the parking sensor (sonar) when cleaning it. If the sensors are covered, the accuracy of the parking sensor (sonar) function will decrease.

The system provides a tone for front objects when the shift lever is in the D (Drive) position and both front and rear objects when the shift lever is in the R (Reverse) position.

When the camera image is shown on the display, the system shows the parking sensor (sonar) indicator regardless of the shift lever position.

The system is deactivated at speeds above 10 km/h (6 MPH). It is reactivated at lower speeds.

Warning tone and indicator

As the vehicle approaches detected objects, the colour of the warning indicator will change from green to yellow and then to red, and the tone will also change.

Indicator	Tone
green	intermittent (slow)
(blinks slowly)	
yellow	intermittent (fast)
(blinks fast)	
red	continuous
(no blinking)	

The intermittent tone will stop after three seconds when an object is detected by only the corner sensor (sonar) and the distance does not change.

The tone will stop when the object becomes distant from the vehicle.

Turning parking sensor (sonar) system on/off

When the Sonar/MOD key is touched, the indicator light on the key will turn off and the parking sensor (sonar) will turn off temporarily. The Moving Object Detection (MOD) system will also be turned off at the same time.

"Moving Object Detection (MOD)" (page 7-13)

When the Sonar/MOD key is touched again, the indicator light will turn on and the parking sensor (sonar) will turn back on.

In the cases below, the parking sensor (sonar) will be turned back on automatically:

- When the shift lever is in the R (Reverse) position.
- When (CAMERA) is pushed and a screen other than the camera view is shown on the display.
- When vehicle speed decreases below approximately 8 km/h (5 MPH).
- When the ignition switch is placed in the "OFF" position and turned back to the ON position again.

 When the Sonar/MOD key is selected, the MOD function will also be turned off.

To prevent the parking sensor (sonar) system from activating altogether, use the camera settings menu.



"Around View Monitor settings" (page 7-18)



INFO:

Touching the parking sensor (sonar) key will also turn the parking sensor (sonar) system on/off temporarily.

MOVING OBJECT DETECTION (MOD)

The Moving Object Detection (MOD) system informs the driver of detected moving objects surrounding the vehicle with images and a chime when driving out of garages, manoeuvring into parking lots and in other such situations.

The MOD system operates in the following conditions when the camera view is displayed:

When the shift lever is in the P (Park) or N (Neutral) position and the vehicle is stopped, the MOD system detects the moving objects in the bird's-eye view. The MOD system will not operate if the outside mirror is moving in or out or if either door is opened.

- When the shift lever is in the D (Drive) position and the vehicle speed is below approximately 8 km/h (5 MPH), the MOD system detects moving objects in the front view or front-wide view.
- When the shift lever is in the R (Reverse) position and the vehicle speed is below approximately 8 km/h (5 MPH), the MOD system detects moving objects in the rear view or rear-wide view (where fitted). The MOD system will not operate if the boot lid is open.



INFO:

- The MOD system does not detect moving objects in the front-side view. The MOD indicator is not displayed on the screen when in this view.
- While the parking sensor (sonar)/BCI warning tone is sounding, the MOD system does not chime.



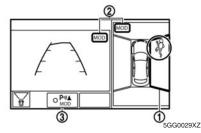
WARNING:

- The MOD system is not a substitute for proper vehicle operation and is not designed to prevent contact with the objects surrounding the vehicle.
 When manoeuvring, always use the outside mirror and rear view mirror and turn and check the surrounding to ensure it is safe to manoeuvre.
- The system is deactivated at speeds above 10 km/h (6 MPH). It is reactivated at lower speeds.
- The system is not designed to prevent contact with all objects.

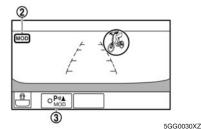
- The MOD system does not have a function that can detect surrounding stationary objects.
- Do not use the MOD system when towing a trailer (if available). The system may not function properly.
- Excessive noise (such as from the audio system or an open vehicle window) will interfere with the chime sound, and it may not be audible.
- The MOD system performance will be limited according to environmental conditions and surrounding objects such as:
 - When there is low contrast between the background and moving objects
 - When there is blinking source of light
 - When strong light such as another vehicle's headlights or sunlight is present
 - When the camera orientation is not in its usual position, such as when mirror is folded
 - When there is dirt, water drops or snow on the camera lens
 - When the position of the moving objects in the display is not changed
- The MOD system might detect flowing water droplets on the camera lens, white smoke from the muffler, or moving shadows, etc.

- The MOD system may not function properly depending on the speed, direction, distance or shape of the moving objects.
- If your vehicle sustains damage to the area where the camera is installed, leaving it misaligned or bent, the sensing zone may be altered and the MOD system may not detect objects properly.
- When the temperature is extremely high or low, the screen may not display objects clearly. This is not a malfunction.

How to view MOD information on the screen



Bird's-eye/Front/Rear view



Front-wide/Rear-wide view (where fitted)

- ① Detection warning frame (yellow):
 Displayed on each view depending on
 where the moving object is detected (a
 chime will sound once). While the MOD
 system continues to detect moving objects,
 the yellow frame continues to be
 displayed.
- (2) MOD indicator:

A blue MOD indicator is displayed in the view where the MOD system is operative. A grey MOD indicator displayed in the view where the MOD system is not operative. When the MOD system is turned off, the MOD indicator will not be displayed.

(3) Sonar/MOD key:

Turn the parking sensor (sonar) and the MOD system on/off. When the parking sensor (sonar) or MOD system is completely turned off from the setting menu, "P')) \(\(\) or "MOD" will disappear from the key. The key will disappear from the screen when both of the systems are completely turned off from the setting menu.



"Around View Monitor settings" (page 7-18)

Turning MOD system on/off

Touching the Sonar/MOD key turns the parking sensor (sonar) and the MOD system on/off temporarily. When the key is touched again, the indicator will turn on and the MOD system will turn back on.

The MOD system will turn on automatically under the following conditions:

- When the shift lever is in the R (Reverse) position.
- When (CAMERA) is pushed to switch from a different screen to the camera view on the display.
- When vehicle speed decreases below approximately 8 km/h (5 MPH).
- When the ignition switch is placed in the "OFF" position and then back to the ON position.

To completely turn off the MOD system so that it remains off at all times, change the status in the camera settings menu.

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"Around View Monitor settings" (page 7-18)

PARKING GUIDANCE (where fitted)

The parking guidance function is designed to guide the driver when parking. Through the bird's-eye view, front/rear view, and the voice guidance, the parking guidance provides the driver with useful information such as the starting position for reversing and the steering angle that leads the vehicle to be parked at a target location in situations such as slot parking or parallel parking. Using the lines and rectangles displayed on the screen and the voice guidance, the system provides step-by-step instructions for parking.

- The system detects lines on the ground for parking slots by processing images from the camera, and displays a rectangle in the centre of the parking lines to set a target for parking.
- When there are no parking lines for parking slots or when parking lines for parking slots cannot be detected, a target parking rectangle is displayed at the default position.
- When multiple lines for parking slots are detected, candidate target parking rectangles are displayed

in green. Touch one of the green rectangles to set a target location for parking. The colour of the rectangle will turn blue.

How to park with parking guidance

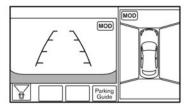


WARNING:

The parking guidance is a guidance system for parking procedures. It does not prevent collisions with objects. Always look out the windows and check to be sure that it is safe to move.

- The parking guidance may not function properly under the following conditions:
 - Abrupt acceleration, braking, turning of the steering wheel, or shifting of shift lever
 - On a non-level or non-paved surface such as a hill or bumpy/stepped road
 - On a slippery surface such as a snowy road
 - When tyre chains are installed
 - When the camera is damaged and the view image is affected
 - When the vehicle is continuously moving at an extremely low speed
 - When the wheels are out of alignment

- When the vehicle deviates from the parking rectangle while following the parking procedure, adjust the position.
- The parking guidance terminates under the following conditions:
 - When vehicle speed is above 8 km/h (5 MPH)
 - When the parking procedure is not followed according to the guide
 - When [End] on the screen is selected

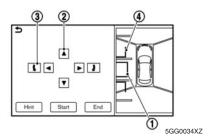


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- Stop the vehicle approximately 1m (3 ft) beside the parking location.
- Push **<CAMERA>** to display the bird's-eye view, then select the [Parking Guide].
- 3. Select the parking method from the menu on the right screen.

Available items:

- [Backwards (L)]
- [Backwards (R)]
- [Parallel (L)]
- [Parallel (R)]
- 4. The parking position adjustment screen will be displayed. Set a target parking position.

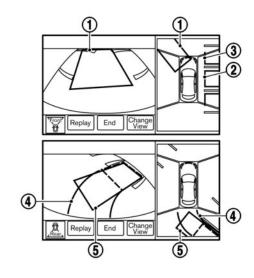


Adjust the target parking rectangle (blue) ① using the direction keys ② and the rotation keys ③ so that the clearance guidelines (red) ④ do not overlap with obstacles around the vehicle.

- When the target parking position is set, select [Start]. Operate the vehicle following the step-by-step parking guidance.
 - Touch [Change View] to switch views.
 - Touch [End] to stop the parking guide.

 Touch [Replay] to listen to the previous parking guide announcement.

How to read displayed guide lines



5GG0035X

(1) Starting position rectangle for reversing (green):

Indicates the starting position for reversing. The position and colour of the rectangle will change according to the steering angle.

- Green: Indicates the recommended position.
- Yellow: Indicates that multiple parking manoeuvres will be required.
- Red: Indicates that parking guidance is not available. The driver must park without guidance.

(2) Target parking rectangle (blue):

Indicates the target parking position.

(3) Clearance guidelines (red):

Indicate locations of the obstacles that set the approximate space required for parking.

(4) Target course lines (green):

Indicate the course needed to park the vehicle in the target parking position.

(5) Predictive course lines (orange):

Indicate the predictive course when operating the vehicle.

Predictive course lines move when the steering wheel is turned. Turn the steering wheel until the predictive course lines overlap with the target course lines.

Operating tips

- Stop the vehicle completely when turning the steering wheel according to the guidance. The steering wheel position needs to be maintained until the vehicle is at the target position (within the rectangle on the display) and when the chime rings.
- An intermittent tone will be heard when the vehicle is moving during guidance, and the chime will ring when the vehicle comes to the target position in each step. Stop the vehicle when the chime rings and follow the next guidance.
- Depending on the situation, multiple parking manoeuvres may be required.
- When selecting [Narrow Mode] in parallel parking, the narrow mode will be activated. The narrow mode can be used to guide the driver when parking in narrow spaces. In this mode, the target parking rectangle will turn yellow and the space between the target parking rectangle and the obstacle guide lines will become narrower. Multiple parking manoeuvres will be required in this mode.

AROUND VIEW MONITOR SETTINGS

Around View Monitor settings can be changed using the following procedure.

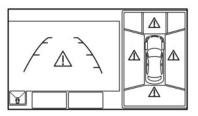
- 1. Push <MENU>.
- 2. Touch [Settings].
- 3. Touch [Camera/Sonar].

Available settii	ng item		Action	
[Camera]	[Back-up Collision Intervention] (where fitted)		Turn the Back-up Collision Intervention (BCI) system on/off. Refer to the vehicle Owner's Manual for details.	
	[Moving Object Detection]		Turn the MOD system on/off. □ "Turning MOD system on/off" (page 7-15)	
	[MOD Volume]		The volume setting of the MOD detection warning chime can be adjusted.	
	[Use Voice with Parking Guide] (where fitted)	Turn the parking guidance announcements on/off.	
	[Non-viewable Area Reminder]		When this item is turned on, the non-viewable area is highlighted in yellow for several seconds after the bird's-eye view is displayed for the first time when the ignition switch is placed in the ON position.	
	[Predictive Course Lines]		When this item is turned on, the predictive course line is displayed in the front, rear and bird's-eye view screen.	
	[Screen Display Priority] [1st Screen]		The priority order for the view type (Top, Side, Wide) can be changed.	
		[2nd Screen]		
		[3rd Screen]		
	[Automatic Display with Sonar]		The automatic parking sensor (sonar) display can be turned on/off.	

[Sonar]	[Sonar]		Turn the parking sensor (sonar) system on/off.
	[FR Sensor Only]		Turn on the front parking sensor (sonar) and turn off the rear parking sensor (sonar).
	[Interrupt Display]		Turn the automatic parking sensor (sonar) display on/off.
	[Sonar Sensitivity]		Adjust the parking sensor (sonar) sensitivity by touching [+]/[-].
	[Sonar Volume]		Adjust warning tone volume by touching [+]/[-]
[Display]	[Display Settings]	[Brightness]	Adjust display settings by touching [+]/[-].
Available only when		[Contrast]	
camera screen is displayed on the		[Black Level]	
upper display.		[Tint]	
		[Colour]	
		[Default Settings]	Return all the settings to default.

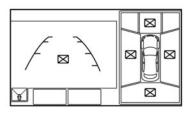
Malfunction indicators

Camera:



5GG0022XZ

When \bigwedge is displayed on the screen, the Around View Monitor is operating abnormally. This will not hinder normal driving operation but the system should be inspected by an INFINITI Centre or qualified workshop.



5GG0023XZ

When \boxtimes is displayed on the screen, the camera image may be affected by temporary elec-

tronic disturbance from surrounding devices. This will not hinder normal driving operation but the system should be inspected by an INFINITI Centre or qualified workshop if it occurs frequently.

Parking sensor (sonar):

The amber markers are displayed at the corners of the vehicle icon when the parking sensor system is malfunctioning.

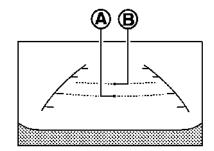
OPERATING TIPS

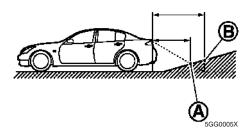
- The screen displayed on the Around View Monitor will automatically return to the previous screen 3 minutes after the (CAMERA) has been pushed while the shift lever is in a position other than the R (Reverse) position.
- When the view is switched, the display images on the screen may be displayed with some delay.
- When the temperature is extremely high or low, the screen may not display objects clearly. This is not a malfunction.
- When the camera is exposed to strong light, objects may not be displayed clearly. This is not a malfunction.
- The screen may flicker under fluorescent light. This
 is not a malfunction.
- The colours of objects on the Around View Monitor may differ somewhat from the actual colour of objects. This is not a malfunction.

- Objects on the monitor may not be clear and the colour of the object may differ in a dark environment. This is not a malfunction.
- There may be differences in sharpness between each camera view in the bird's-eye view.
- If dirt, rain or snow accumulates on the camera, the Around View Monitor may not display objects clearly. Clean the camera.
- Do not use alcohol, benzine or thinner to clean the camera. This will cause discoloration. To clean the camera, wipe with a cloth that has been dampened with a diluted mild cleaning agent and then wipe with a dry cloth.
- Do not damage the camera because the monitor screen may be adversely affected.
- Do not use wax on the camera lens. Wipe off any wax with a clean cloth that has been dampened with a mild detergent diluted with water.

DIFFERENCE BETWEEN PREDICTIVE AND ACTUAL DISTANCES

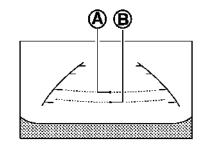
REVERSING ON A STEEP UPHILL

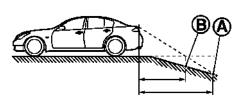




When reversing the vehicle up a hill, the distance guide lines and the vehicle width guide lines are shown closer than the actual distance. For example, the display shows 1 m (3 ft) to the position (A), but the actual 1 m (3 ft) distance on the hill is the position (B). Note that any object on the hill is further than it appears on the monitor.

REVERSING ON A STEEP DOWNHILL



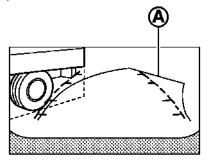


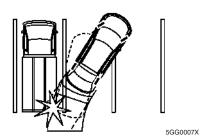
5GG0006X

When reversing the vehicle down a hill, the distance guide lines and the vehicle width guide lines are shown further than the actual distance. For example, the display shows 1 m (3 ft) to the

position (A), but the actual 1 m (3 ft) distance on the hill is the position (B). Note that any object on the hill is closer than it appears on the monitor.

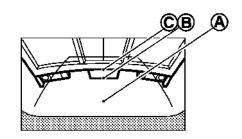
REVERSING NEAR A PROJECTING OBJECT

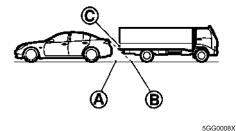




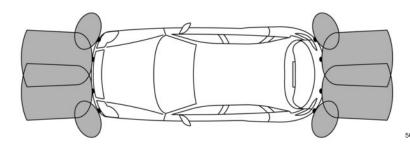
The predictive course lines (A) do not touch the object in the display. However, the vehicle may hit the object if it projects over the actual reversing course.

REVERSING BEHIND A PROJECTING OBJECT





The position \bigcirc is shown further than the position \bigcirc on the display. However, the position \bigcirc is actually at the same distance as the position \bigcirc . The vehicle may hit the object when reversing to the position \bigcirc if the object projects over the actual reversing course.



5GG0040XZ



WARNING:

- The parking sensor (sonar) system is a convenience feature for assisting the driver but it is not a substitute for proper parking. Always look around and check that it is safe to do so before parking. Always move slowly.
- The system is deactivated at speeds above 10 km/h (6 MPH). It is reactivated at lower speeds.
- Read and understand the limitations of the parking sensor (sonar) system as described in this section. Inclement weather may affect the function of the parking sensor (sonar) system; this may include reduced performance or a false activation.
- This system is not designed to prevent contact with small or moving objects.
- The system is designed as an aid to the driver in detecting large stationary objects to help avoid damaging the vehicle. The system will not detect

small objects below the bumper, and may not detect objects that are too close to the bumper or on the ground.

If your vehicle sustains damage to the bumper fascia, leaving it misaligned or bent, the sensing zone may be altered causing inaccurate measurement of obstacles or false alarms.



CAUTION:

Keep the interior of the vehicle as quiet as possible to hear the tone clearly.

The parking sensor (sonar) system sounds a tone to inform the driver of obstacles near the bumper. When the parking sensor (sonar) setting is turned on, the parking sensor (sonar) indicator will also appear on the display.

"RearView Monitor settings" (page 7-5)

The system detects front obstacles when the shift lever is in the D (Drive) or N (Neutral) posi-

tion, while it detects both front and rear obstacles when the shift lever is in the R (Reverse) position.

The system may not detect objects at speeds above 10 km/h (6 MPH) and may not detect certain angular or moving objects.

The parking sensor (sonar) system detects obstacles up to 1.2 m (3.9 feet) from the bumper with a decreased coverage area at the outer corners of the bumper. Refer to the illustration for approximate zone coverage areas. As you move closer to the obstacle, the rate of the tone increases. When the obstacle is less than 30 cm (11.8 in) away, the tone will sound continuously.

Keep the corner/centre sensors (sonar) (located on the bumper fascia) free from snow, ice and large accumulation of dirt (do not clean the sensors with sharp objects). If the sensors are covered, it will affect the accuracy of the parking sensor (sonar) system.

The sensitivity level of the corner/centre sensors (sonar) can be adjusted (higher or lower).

"RearView Monitor settings" (page 7-5)

The intermittent tone will stop 3 seconds after an obstacle is detected by only the corner sensor and the distance does not change.

PARKING SENSOR (SONAR) INDICATOR



5GG0068XZ

When [Interrupt Display] is turned on in the parking sensor (sonar) settings, the parking sensor (sonar) indicator appears on the upper display interrupting other information displayed on the screen.

F

"RearView Monitor settings" (page 7-5)

The parking sensor (sonar) indicator displayed while the RearView Monitor is activated is explained in the RearView Monitor section.



"Parking sensor (sonar) indicator (where fitted)" (page 7-3)

Touch $[PN\Delta]$ to turn on/off the parking (sonar) indicator.

8 Information and settings

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INFORMATION MENU

Various information that is helpful for using the vehicle can be set in the information screen. Available items include vehicle information, traffic information tion, current location information and navigation software version (where fitted).

1. Push <MENU>.

2. Touch [Information].

Menu item	Menu item Result			
[Energy Flow]	Energy Flow] Energy information is displayed on the screen.			
(hybrid models) Touch [Fuel Economy History] to display the Energy Flow History screen.		Touch [Fuel Economy History] to display the Energy Flow History screen.		
[Fuel Economy History] Fuel Economy History is displayed on the screen.		Fuel Economy History is displayed on the screen.		
(hybrid models)		The Fuel Economy History screen can be scrolled.		
	[Fuel Economy]	Display the Fuel Economy screen. The display units can be changed.		
		图 "Language and unit settings" (page 2-19)		
		The current and average fuel economy, and the distance to empty can be confirmed.		
	[History]	The Fuel Economy History screen can be scrolled.		
		Touching [<]/[>] while the Fuel Economy history screen is displayed will display a previous or a more updated history.		
	[Reset]	Reset the average fuel economy.		
		The average for the Reset-to-Reset period is stored as a fuel economy history.		
		When the average fuel economy on the screen is reset, the average fuel consumption displayed on the trip computer is also		
		reset at the same time.		
[Eco Drive Report]		Display the Eco Drive Report.		
	[History]	The Eco Drive Report History screen can be scrolled.		
		Touching [<]/[>] while the Eco Drive Report History screen is displayed will display a previous or a more updated history.		
	[Reset]	Reset the Eco Drive Report screen.		
		The average for the Reset-to-Reset period is stored as an Eco Drive Report history.		
[Where am I?]* (where fitted)		The name and distance of the next/previous street, and other information that indicates the current vehicle location are		
		displayed.		
[Traffic information]*	[Nearby Traffic Info]	Displays traffic information detected nearby.		
	[Info.on Route]	Displays traffic information detected along the route.		
[Map Information]* Display the navigation system unit identification number, the current map version, and the software ve		Display the navigation system unit identification number, the current map version, and the software version.		

^{*:} Models with navigation system only.



INFO:

- The actual fuel economy information may differ from the information displayed on the vehicle information display. This is due to the timing difference in updating the information and does not indicate a malfunction.
- [Traffic information] is available only in areas where RDS-TMC is broadcast. RDS-TMC information is not available in some regions.

SUBSCRIPTION TO INFINITI INTOUCH SERVICES

Subscription is required to use the Infiniti In-Touch Services. For the details about the subscription, visit the INFINITI Owner's Portal Website or contact an INFINITI Centre or qualified workshop.

IMPORTANT INFORMATION REGARDING ACCESS TO INFINITI INTOUCH SERVICES

*Driving is serious business. Only use Infiniti InTouch Services when safe to do so. Services, require an active subscription, and are dependent upon the telematics device being in an operative condition, its ability to connect to a wireless network, compatible wireless network availability, navigation map data, and GPS satellite signal receptions, the absence of which can limit or prevent the ability to use services. Services require compatible 3G GSM/GPRS cellular network provided by Orange, 3G cellular network not available in all areas and/or available at all times. Cellular technology is evolving, and changes to cellular networks provided by independent companies are not within INFINI-TI's control. Certain vehicle services, provided by independent companies are not within IN-FINITI's control and are subject to change without notice or liability to INFINITI and its affiliates and agents. The trial subscription begins on your date of purchase. At the end of the complimentary trial, a paid subscription is required to continue to use the service. Your service will continue under the terms of your Subscription Agreement. For terms and conditions of Subscription Agreement apply, see Infiniti InTouch Service website for more information.

Infiniti InTouch Service website information

The websites currently available for Infiniti In-Touch Services are as below.

Country	Website URL	
United Kingdom	https:// gb.intouch.infiniti.eu/	
Austria	https:// at.intouch.infiniti.eu/	
Belgium (French)	https:// be.intouch.infiniti.eu/fr-be/	
Belgium (Dutch)	https:// be.intouch.infiniti.eu/nl-be/	
Bulgaria	https:// bg.intouch.infiniti.eu/	
Czech Republic	https:// cz.intouch.infiniti.eu/	
France	https://fr.intouch.infiniti.eu/	
Germany	https:// de.intouch.infiniti.eu/	
Hungary	https:// hu.intouch.infiniti.eu/	
Israel	https://il.intouch.infiniti.eu/	
Italy	https://it.intouch.infiniti.eu/	
Luxembourg (French)	https:// lu.intouch.infiniti.eu/fr-lu/	
Luxembourg (English)	https:// lu.intouch.infiniti.eu/en-gb/	
Luxembourg (German)	https:// lu.intouch.infiniti.eu/de-lu/	

Country	Website URL
Netherlands	https:// nl.intouch.infiniti.eu/
Poland	https:// pl.intouch.infiniti.eu/
Portugal	https:// pt.intouch.infiniti.eu/
Spain	https:// es.intouch.infiniti.eu/
Sweden	https:// se.intouch.infiniti.eu/
Switzerland (German)	https:// ch.intouch.infiniti.eu/de-ch/
Switzerland (French)	https:// ch.intouch.infiniti.eu/fr-ch/
Switzerland (Italian)	https:// ch.intouch.infiniti.eu/it-ch/
Switzerland (English)	https:// ch.intouch.infiniti.eu/en-gb/
Turkey	https://tr.intouch.infiniti.eu
Croatia (English)	https:// hr.intouch.infiniti.eu/en-gb/
Croatia (Croatian)	https://hr.intouch.infiniti.eu
Serbia	https:// rs.intouch.infiniti.eu/
Belarus	https:// by.intouch.infiniti.eu/
Romania	https:// ro.intouch.infiniti.eu/
Slovakia	https:// sk.intouch.infiniti.eu/
Russia	https://intouch.infiniti.ru
Ukraine	https://intouch.infiniti.ua
Kazakhstan	https:// kz.intouch.infiniti.eu/

INFINITI INTOUCH SERVICE FEATURES

Infiniti InTouch Services provides various types of information and services by connecting your vehicle to the Infiniti InTouch Service centre and Infiniti InTouch Operation centre using the TCU (Telematics Control Unit) installed in your vehicle.



WARNING:

- Radio waves could adversely affect electric medical equipment. Individuals who use a pacemaker should contact the device manufacturer regarding any possible effects before using the system.
- The TCU (Telematics Control Unit) antenna is 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 (Telematics Control Unit) antenna may adversely affect the operation of the pacemaker while using the Infiniti InTouch Services.
- Inappropriate use of the service may be a violation of local laws and result in a criminal penalty.



 Infiniti InTouch Services features are dependent upon subscription enrollment and the telematics device being in operative condition, cellular connectivity, navigation map data and GPS satellite

- signal reception. Terms and conditions of the Infiniti InTouch Services Subscription Agreement apply.
- Enrollment is required in order to use Infiniti In-Touch Services. The services that can be received vary depending on the plan in which you are enrolled.

Infiniti InTouch Services may be updated. The latest detailed information is available on the following websites or from the support line.

Infiniti InTouch Services website:



"Infiniti InTouch Service website information" (page 8-4)

Generic email address for Infiniti Quality Centre:

qualitycentre.eu@infiniti-customerexperience.com

Enhanced Roadside Assistance (where fitted):

Enhanced Roadside Assistance allows you to receive assistance from the Infiniti InTouch Operation centre for a non-emergency incident that requires a towing or third-party response service. The service is accessed by touching the Operator icon button on the navigation screen.

Report Stolen Vehicle:

A Service operator will attempt to obtain location information from a reported stolen vehicle and provide that information to local law enforcement agencies to assist in the recovery of your stolen vehicle.

Remote Horn and Lights (where fitted):

Remote Horn and Lights allows you to remotely flash the lights (high-beams) and sound the horn on your vehicle. It is most often used to help you locate your vehicle. Local regulations may apply and restrict the use of such Remote Horn and Lights functionalities. Please use them conscientiously and in compliance to these rules.

Alarm Notification:

The Alarm Notification feature will notify you via the chosen notification method on the Infiniti InTouch Services website when your vehicle alarm system is activated.

"Infiniti InTouch Service website information" (page 8-4)

Scheduled Maintenance Notification:

The Maintenance Alert Notification provides your vehicle's mileage data to INFINITI. INFINITI notifies you of maintenance notifications using this mileage data.

Maintenance Alert:

Maintenance Alert allows you to receive notifications via the chosen notification method set in the Infiniti InTouch Services website in the event of a vehicle sub-system malfunction. The service is managed through the Infiniti InTouch Services website.

"Infiniti InTouch Service website [2] information" (page 8-4)

My Car Finder:

My Car Finder feature enables you to check the latest position available of your vehicle and help you locate your car.

SERVICE APPLICATION

A separately purchased Infiniti InTouch Services subscription is required. For detailed information, contact an INFINITI Centre or qualified workshop or refer to the following Infiniti In-Touch Services website:

[25]

"Infiniti InTouch Service website information" (page 8-4)



INFO:

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

OPERATING TIPS



WARNING:

- Use the Infiniti InTouch Services after stopping your vehicle in a safe location. If you have to use the Infiniti InTouch Services while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.
- If you are unable to devote full attention to vehicle operation while talking with the Infiniti InTouch Services, pull off the road to a safe location and stop your vehicle.
- Do not use the Infiniti InTouch Services with the engine or the hybrid system stopped. Doing so may discharge the vehicle battery.
- The Infiniti InTouch Services cannot be used under the following conditions:
 - The Infiniti InTouch Services subscription has expired.
 - The vehicle is outside the area where the cellular network service is receivable.
 - The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.
 - The line is busy.

- The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.
- The Infiniti InTouch Services network system is disabled.
- Communication with the Infiniti InTouch Operation centre is related to the data communication mode and may cause occasional difficulty in receiving signals, and the signal receivable area may be limited compared to regular mobile phones.
- You may hear clicks or experience interruptions while speaking with the Infiniti InTouch Services Response Specialists. This is due to a shift in the connection zone and is not a malfunction.
- Depending on the line used, the sound volume may decrease. Adjust the volume as necessary.
- Received sounds may be distorted or ambient noise may sound like voices of a crowd. This is due to the use of the digital line and is not a malfunction.
- You may hear your own voice from the speaker when talking with the Infiniti InTouch Services Response Specialists due to a network disturbance. When this occurs, reconnect the line after a few minutes or at a different location.
- This vehicle incorporates a communication device that is called a TCU (Telematics Control Unit). The communication connection between this unit and the Infiniti InTouch Operation centre allows for

various services. When the system connects to the Infiniti InTouch Operation 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 poor

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

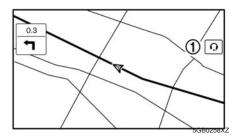
CONNECTING TO INTERACTIVE VOICE MENU

Various services to support your driving are available by answering Interactive Voice Menu.

For more details, contact the Infiniti Quality Centre email address at qualitycentre. eu@infiniti-customerexperience.com or refer to the Infiniti InTouch Services website.

"Infiniti InTouch Service website [2] information" (page 8-4)

- 1. Push **(MENU)** and touch [InTouch Services].
- 2. Touch [Connect to Voice Menul.
- 3. The system connects to the Infiniti InTouch Services Response Centre.





INFO:

- You can also connect to an Infiniti InTouch Services Interactive Voice Menu by touching the Operator icon button (1) on the map.
- After selecting [Connect to Voice Menu], it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- To avoid disconnecting the line, do not turn off the engine or hybrid system.

INFINITI INTOUCH SERVICES SETTINGS

You can display and delete user information from the setting screen.

Step 1	Step 2	Step 3	Menu		Action
Push (MENU)	[Settings]	[InTouch Services]	[Vehicle Information Settings]	[Send Vehicle Information]	When this item is turned on, the vehicle information (the data regarding your driving information such as vehicle location, driving history, fuel economy, etc.) can be sent to the Infiniti InTouch Services centre. This setting (turn on) is required in order to benefit from the full Infiniti InTouch Services experience.
				[Delete Vehicle Information]	Delete all Vehicle Information.
		[Unit ID Information]		Display the Unit ID, TCU (Telematics Control Unit) ID, SIM ID and VIN Information neces- sary for user registration.	

ERA-GLONASS (where fitted)

ERA-GLONASS is a system that is intended to bring rapid assistance to the driver and passengers when an emergency situation has occurred.

AUTOMATIC EMERGENCY CALL

If the air bag control unit detects a frontal collision, side collision or vehicle rollover, the system automatically sends an emergency call to the emergency call centre. At the same time, the vehicle information (location of the vehicle, vehicle speed and the direction of travel) is also transferred. Once your emergency call is received by the emergency call centre, the operator tries to talk to the vehicle's occupant.



INFO:

- During the emergency call, the volume of the voice of the operator cannot be adjusted.
- During the emergency call, the volume of the vehicle audio will be muted.

The ERA-GLONASS system is always enabled by default.

The following information will be sent to the emergency call centre by the ERA-GLONASS system if a collision occurs.

- Vehicle Identification Number (VIN).
- Engine type.
- The time stamp (when the collision or event occurred).

 Vehicle location, vehicle speed, and vehicle direction.

This data will be deleted as soon as it is no longer required.

MAKING AN EMERGENCY CALL MANUALLY

You can also make an emergency call manually by pushing the **<SOS>** located on the overhead control panel.



CAUTION:

- Park the vehicle in a safe location and apply the parking brake before operating the <SOS> button.
- Use this service only in case of an emergency. There may be a penalty for inappropriate use of the service.
- Please note that the Emergency Call function cannot be used in the following conditions:
 - The vehicle is outside the area where the cellular network service is receivable.
 - The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.
 - The line is busy.
 - The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.

It may not be possible to make an emergency call in all accidents or emergencies, or if you are in a location without reception.



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- 1. Push the cover (1) and open the cover (2).
- 2. Push the **<SOS>** button (3). An emergency call is sent to the emergency call centre. At the same time, the vehicle information (location of the vehicle, vehicle speed and the direction of travel) is also transferred.

3. When the call is connected, speak to the emergency support staff.

If you want to cancel the emergency call, push and hold the (SOS) button for a few seconds. The call cannot be cancelled after the connection is established.



INFO:

- During the emergency call, the volume of the voice of the operator cannot be adjusted.
- During the emergency call, the volume of the vehicle audio will be muted.
- After the **<SOS**> button is pushed, it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- To avoid disconnecting the call, do not turn off the engine.
- During the emergency call or communication with operators, the Bluetooth® Hands-Free Phone connection will be disabled and the phone operation will only be available on the mobile phone. Upon connection to the emergency call staff, the phone connection will be switched automatically from the Hands-Free Phone to the mobile phone. This is to avoid connections with the emergency support staff being interrupted by incoming calls.

- The emergency call centre may call back if the emergency call is cut off for some reason after the call is established.
- Infiniti InTouch Services functions (where fitted) will become unavailable for about 60 minutes after the use of the ERA-GLONASS emergency call.

LIMITATIONS



When the indicator light (4) near the **<SOS>** button is illuminated in red, pushing the **<SOS>** button may not connect your vehicle to the emergency call centre and an automatic emergency call may not be sent when a collision occurs. If the indicator light is illuminated in red, contact an INFINITI Centre or qualified workshop for assistance.



INFO:

Even when the indicator light (4) is not illuminated, connection to the emergency call centre may not be possible. In such cases contact with the police or other agencies should be made using other devices such as telephones.

TEST MODE

Test mode is designed to verify the components. In the test mode, the status of the microphone, speaker, battery backup, and other internal components can be checked.

To start the test

- 1. Push and hold the (SOS) button for at least 3. seconds.
- 2. Release the button and then push and hold it again within 10 seconds.
- 3. When the test mode is activated, the red indicator blinks.
- 4. Speak in a loud voice after you hear the tone.
- 5. The tone will sound again and the system will play the recorded voice.
- 6. Operate the **<SOS>** button within 20 seconds to report the test results to the emergency call centre.
 - Voice can be heard clearly: Push and hold.
 - Voice cannot be heard clearly: Push twice briefly.

- 7. After 20 seconds, the green indicator light blinks while the system sends the test results to the emergency call centre.
- 8. The red indicator light turns off (stops blinking) if the test completes successfully.
- 9. If the recorded voice could not be heard clearly in the voice test or the test does not complete successfully (the red indicator light keeps blinking), contact your INFINITI Centre or qualified workshop for assistance and to have the vehicle inspected.
- 10. After the test is completed or to stop the test, place the ignition switch in the "OFF" position. Test mode will be cancelled.



INFO:

Actual automatic and manual emergency calls do not work when the test mode is activated.

SETTINGS MENU

The Infiniti InTouch system can be customised to make it easier for you to use by adjusting various settings.

The displayed items vary depending on the models and equipped options.

Push <MENU> and touch [Settings].

Setting item	Setting item Result	
[Bluetooth]		Set the Bluetooth® Audio and Phone.
		"Bluetooth® settings" (page 2-21)
[Phone/Mail]		Display the Phone & Mail setting screen.
		"Phone and text message settings" (page 5-8)
[Vehicle]	[Lamp ON When Door Unlocks]	When this item is set to on, the interior lights illuminate when any door is unlocked.
(The availability of	[Light Sensitivity]	Set the Auto Light sensitivity.
menu items under [Vehicle] depends on	[Speed Sensing Wiper Interval]	Set the wiper interval to be adjusted automatically according to the vehicle speed.
the model and	[Auto Lock]	Set the Auto lock conditions.
specifications.)	[Auto Unlock (I-key)]	Set the Auto unlock (I-key) conditions.
[Rain Sensor] (where fitted) [Battery Saver Mode]		Set the rain-sensing auto wiper system.
		Set IGN/ACC Battery Saver.
	[Lock/Unlock by Hands free]	Set Lock/Unlock by Hands free.
	[Touch Sensitive Door Sensor]	Set Touch door sensor.
	[Lane Change (3 Flashes)]	Set Lane change 3 flash.
	[Wipe Drip]	Set Drip wipe.
	[Answer Back Exterior Light]	Set Courtesy light.
	[Selective Door Unlock]	Set Selective door unlock.
	[Return All Settings to Default]	All vehicle setting values are returned to the default settings.

Setting item			Result
[Navigation]*			Display the Navigation setting screen.
			"Navigation settings" (page 9-48)
[Audio]			Display the Audio settings screen.
			"Audio settings" (page 4-27)
[Screen]	[Display Settings]	[Brightness]	Set the screen display to the preferred settings.
		[Contrast]	"Screen settings" (page 2-16)
		[Black Level]	
	[Display OFF]		
	[Day/Night]		
[Change Map Colour]		r]	
	[Default Settings]		

 $[\]star$: Models with navigation system.

^{**:} Models without navigation system.

Setting item	Setting item		Result	
[Meter]	[Main Menu Selec-	[Range]	Select the preferred item to be displayed on the vehicle information display.	
	tion]	[Average Speed]	Refer to the vehicle Owner's Manual for details.	
		[Trip Distance & Time]		
		[Idle Stop]		
		[Idle Stop (Accumula- tion)]		
		[Energy Flow] (hybrid models)		
		[EV Odometer] (hybrid models)		
		[Coolant Temperature] (hybrid models)		
		[Fuel Economy]		
		[Navigation]*		
		[Audio]		
		[Driver Assistance]		
		[Tyre Pressures]		
		[Chassis Control]		
		[Blank]		

^{*:} Models with navigation system.

^{**:} Models without navigation system.

Setting item			Result	
[Meter Settings]	[Eco mode set- tings]	[Display Mode]	Switch the display modes between [Pedal Guide] and [Instant Fuel Economy].	
	[Maintenance]	[Oil and Filter]	The following settings are available for each maintenance item. Distance:	
		[Tyre]	 Set the interval (mileage) of the maintenance schedule. To determine the recommended maintenance interval, refer to the separate maintenance booklet. [Show Alerts]: 	
		[Other]	To display the reminder automatically when the desired distance is reached, select the [Show Alerts] key. [Reset Dist.]: Reset the driving distance to the new maintenance schedule.	
	[Alerts]	[Outside Temperature]	Set the low temperature alert to on/off.	
	1, ,	[Timer Alert]	Adjust the alert timer setting.	
		[Navigation]*	Set turn by turn to on/off.	
	[Display Effect]	[Display Effect]	Set the illumination effect to on/off.	
	[Language]		Set the preferred language.	
		[Tyre Pressures Unit]	Set the preferred tyre pressure unit to be displayed.	
	[TPMS setting]	[Recommended Tyre Pressure]	Enter the recommended tyre pressure value printed on the tyre placard in your vehicle. The value is used for the tyre pressure calculation. For unit conversion, refer to the values listed in the chart later in this section. The work of the value is used for the tyre placard in your vehicle. The value is used for the tyre pressure calculation. The work of the value is used for the tyre placard in your vehicle. The value is used for the tyre placard in your vehicle.	
		[Tyre Pressures Reset]	Reset the temperature setting used for the tyre pressure warning calculation. When the system resets the tyre pressure setting, a message indicating that the TPMS (Tyre Pressure Monitoring System) has been reset is displayed on the screen.	
	[Factory Reset]		Reset the meter to the default values.	

^{*:} Models with navigation system.

^{**}: Models without navigation system.

Setting item			Result
[Clock]			Set the Clock to the preferred settings. **Clock settings" (page 2-20)
[InTouch Services]			Set Infiniti InTouch Services to your preferred settings. "Infiniti InTouch Services (where fitted)" (page 8-4)
[Voice Recognition]	[Minimise Voice Feedback]		Set Minimise Voice Feedback to on/off.
	[Audio Device Setting]	[iPod: (empty)]	Clear the iPod song registration.
		[USB: (empty)]	Clear the USB song registration.
[Camera/Sonar]			Set the camera and parking sensor (sonar) to the preferred settings. "RearView Monitor settings" (page 7-5) "Around View Monitor settings" (page 7-18)
[Drive Mode Enhancement] (where fitted)	[ECO Pedal]		Set the Eco Pedal to [OFF], [Soft], or [Standard]. Refer to the vehicle Owner's Manual for details.
[Other]	[Climate]		Set the heater and air conditioner to the preferred settings. "Heater and air conditioner settings" (page 3-10)
	[Language & Units]		Set the language and units to the preferred settings. "Language and unit settings" (page 2-19)
	[Keyboard Type]		Set the keyboard type to [QWERTY] or [ABC].
	[Low on Fuel Alert]		Set the fuel low notification to on/off.
	[Edit Shortcut Items] (where f	fitted)	Set the display view shortcut.
	[Software information]		Display the software information.

^{*:} Models with navigation system.

^{**}: Models without navigation system.

INFO:	TPMS unit c	TPMS unit conversion		
INFO:	kPa	psi		
The displayed items vary depending on the vehicle model and equipped entires.	200	29		
model and equipped options.	210	30		
 The order of displayed items can be sorted. 	220	32		
Refer to the following chart for [Recommended Tyre	230	33		
Pressure] unit conversion.	240	35		
TRACTIBUT CONVERCION	250	36		
TPMS UNIT CONVERSION	260	38		
(where fitted)	270	39		
Use the following chart for Tyre Pressure Moni-	280	41		
toring System (TPMS) unit conversion.	290	42		
چے "Settings menu" (page 8-12)	300	44		
Settings menu (page 8-12)	310	45		
	320	46		
	330	48		
	3/10	//0		

QUICK SETTING MENU

Touch [🍪] on the lower touch screen display (lower display) to set the display of the setting menu items.

The following setting items are available.

Setting item	Result
[Day/Night]	Adjust the upper and lower screen brightness. Toggle the map colour between the day screen and night screen.
[Bass]	Adjust the speaker tone quality and sound balance by touching
[Treble]	[+]/[-], [L]/[R] or [R]/[F].
[Balance]	
[Fader]	
[Volume Adjustment]	This turns on/off and adjusts the volume for various functions including phone, navigation voice guidance (where fitted), as well as system beeps.

FULLY CUSTOMISABLE DIGITAL ENVIRONMENT (where fitted)

Once user information is registered, the system will automatically recognise the user when the vehicle is started. A personalised welcome greeting and a prompt to log in will be displayed.

This feature allows 3 drivers to use their own registration, drive mode, driving position, air conditioner and audio settings, and these custom settings are stored.

Log-in user can be changed from the welcome greeting screen or User List screen.



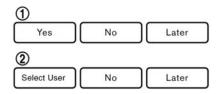
NOTE:

- Vehicle Apps feature cannot be linked to the Intelligent Keys.
- A maximum of four Intelligent Keys can be registered to store settings for three profiled users and one guest. One user setting information can be stored per key.
- When the ignition switch is pushed to the "OFF" position, the current user settings will be stored by the Intelligent Key that is used.

USER REGISTRATION

The driving position, navigation (where fitted), heater/air conditioner and other settings can be stored for each user. The settings can be restored when deactivating the system.

Up to three users can be registered.



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1. When the system is started with an Intelligent Key that has not been registered, a message asking if you wish to register yourself as a user is displayed.

To register:

- If you are the first user to register, touch [Yes] on the user registration screen (1).
- If you are the second or the third user to register, touch [Select User] on the user registration screen (2).

- 2. Display the New User register screen. Enter the user information on the New User register screen.
- 3. After inputting user information, touch [OK] to complete user registration.



INFO:

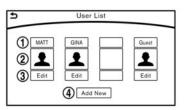
- Do not push the ignition switch to the "OFF" position during user registration. Doing so may prevent registration from being completed.
- If [Later] is selected on the pop-up message screen, the user will log in as a guest. If the same Intelligent Key is used again the next time the vehicle is used, the same pop-up message will be displayed.

If [No] is selected, the user will log in as a guest and the pop-up message will not be displayed again with the same Intelligent Key.

To change the registered user information, push <MENU> and touch [Infiniti InTuition] to show [User List] where the user can be selected for editing.

EDITING USER INFORMATION

- 1. Touch the user icon on the lower right of the lower display to show the User List screen.
- 2. The User List screen is displayed.



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(1) Name:

The registered user name is displayed. Touch to change the log-in user.

(2) User icon:

The registered user icon is displayed.

(3) [Edit]:

Select to edit the user settings.

(4) [Add New]:

Touch to add a new user. Up to three users can be registered. This key will not be displayed when three users have been already registered.

3. Touch [Edit] for the user you wish to edit.

Other procedure:

- 1. Push <MENU> and touch [Infiniti InTuition].
- 2. Touch [User List].

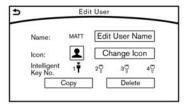


INFO:

User name and user icon of the guest user cannot be edited.

User Edit screen

Touching [Edit] on the User List screen will display the User Edit screen.



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Edit User Name Edit the user name. Edit the user picture. The user icon can be selected from the pre-installed pictures and registered via a USB memory device.				
Edit the user picture. The user icon can be selected from the pre-installed pictures and registered via a USB memory device. [Intelligent Key No.] Intelligent Key No.] Indicates the key number. Indicates the key indicates that the key is linked to the user. The "▼" mark above the key icon indicates which one of the keys is currently being used. [Copy] Copy user settings. Navigation (where fitted) and audio settings Drive assistance settings Tings PERSONAL Mode settings Air conditioner settings Automatic drive	Setting item	Action		
icon can be selected from the pre-installed pictures and registered via a USB memory device. Intelligent Key No. Indicates the key number. Indicates the key number. Indicates the key indicates that the key is linked to the user. Indicates the key indicates that the key is linked to the user. Indicates which one of the keys is currently being used. Indicates which one of the keys is currently being used. Indicates which one of the keys is currently being used. Indicates which one of the keys is currently being used. Indicates which one of the keys is currently being used. Indicates the key number. Indicates the key number.	[Edit User Name]	Edit the user name.		
The key icon that is highlighted indicates that the key is linked to the user. The " ™ " mark above the key icon indicates which one of the keys is currently being used. Copy user settings. Navigation (where fitted) and audio settings Drive assistance settings (where fitted) PERSONAL Mode settings Air conditioner settings Air conditioner settings Automatic drive	[Change Icon]	icon can be selected from the pre-installed pictures and registered via a USB memory		
above the key icon indicates which one of the keys is currently being used. [Copy] Copy user settings. Navigation (where fitted) and audio settings Drive assistance settings (where fitted) PERSONAL Mode settings Air conditioner settings Automatic drive	[Intelligent Key No.]	 The key icon that is highlighted indicates that the key is linked 		
 Navigation (where fitted) and audio settings Drive assistance settings (where fitted) PERSONAL Mode settings Air conditioner settings Automatic drive 		above the key icon indicates which one of the keys is currently		
 Navigation (where fitted) and audio settings Drive assistance settings (where fitted) PERSONAL Mode settings Air conditioner settings Automatic drive 	[Copy]	Copy user settings.		
ted) • Vehicle Settings		ted) and audio settings Drive assistance settings (where fitted) PERSONAL Mode settings Air conditioner settings Automatic drive positioner (where fitted) Vehicle Settings Meter Settings		
Meter Settings	[Delete]	Delete a user.		



INFO:

- The number of characters for the user name is limited.
- When a current user is deleted, the user is changed to a guest user.
- When the ignition switch is pushed to the "OFF" position, the current user settings will be stored by the Intelligent Key that is used.

Changing user picture

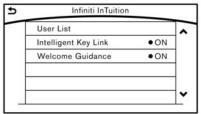
When you connect a USB device that contains image data, you can download the image and set the picture.

- 1. Display User Edit screen and touch [Change Icon].
- 2. Connect the USB device and touch [🎤].
- 3. Touch the preferred picture file name.
- 4. Touch [Select] to set the user picture.

When the picture-preview screen is displayed, touch [Update Only] to update the picture list from the USB device.

SETTING INFINITI INTUITION FEATURE

Settings for the customisable digital environment can be changed.



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Push <MENU> and touch [Infiniti InTuition].

The following editing items are available.

[User List]

Edit user information, copy user settings and delete user settings.

"Editing user information" (page 8-19)

• [Intelligent Key Link]

Turn the Intelligent Key Link function on/off.

[Welcome Guidance]

Turn the welcome guidance on/off.

"Log-in screen" (page 2-7)



INFO:

- When [Intelligent Key Link] is turned off, users will be logged in as guests.
- When [Intelligent Key Link] is turned off, the welcome guidance will not be displayed.

DRIVER ASSISTANCE SETTINGS (where fitted)

Various settings for the functions that support your driving can be adjusted. Refer to the vehicle Owner's Manual for details of each function.

The displayed items vary depending on the equipped options.

Step 1	Step 2	Step 3	Setting item	Action
Push (MENU) .	[Driver Assistance]	[Forward Assist]	[Distance Control Assist]	Enable or disable the Distance Control Assist function.
		[Lane Assist]	[Lane Departure Warning]	Turn the Lane Departure Warning on/off.
			[Lane Departure Prevention]	Enable or disable the Lane Departure Prevention function.
		[Blind Spot Assist]	[Blind Spot Warning]	Turn the Blind Spot Warning on/off.
			[Blind Spot Intervention]	Enable or disable the Blind Spot Intervention.
			[Side Indicator Bright- ness]	Select the Side Indicator Brightness from [Bright], [Standard] or [Dark].
		[Emergency Assist]	[Forward emergency braking]	Turn the Forward Emergency Braking on/off. The forward emergency braking system will be automatically turned ON when the engine or the hybrid system is restarted.
		[Speed Assist]	[Traffic Sign Recognition]	Turn the Traffic Sign Recognition on/off.



NOTE:

It is necessary to push the dynamic driver assistance switch on the steering wheel to turn on the Distance Control Assist, Lane Departure Prevention and Blind Spot Intervention systems.

9 Navigation (where fitted)

Safety information	9-2	Route guidance	9-24
Map data authentication		About route guidance	
Map operation		Guidance screen settings	
Map types		Cancelling route	
Road colour		Route menu	
Displaying current vehicle location	9-6	Editing route	
Moving map	9-6	Recalculating route	
Changing scale of map		Searching for detour route	
Changing map orientation		Route guidance settings	
Setting split screen		RDS-TMC traffic information (where fitted)	
Map view settings		RDS-TMC feature	
Displaying information on map		Viewing available traffic information	
Traffic information on map (where fitted)		Viewing traffic information list	
Setting destination		Urgent traffic information	
Changing region		Traffic information settings	
Destination setting menu		Traffic information on map	
Finding address		Storing a location/route	
Finding Points of Interest (POI)		Storing location	
Setting home as destination		Storing route	9-42
Searching from Stored Locations		Storing Avoid Area	
Finding nearby place		Editing stored information	
Searching from previous destinations	9-19	Deleting stored item	
Setting motorway entrance/exit as		Transferring information to/from Address	
destination	9-20	Book	9-48
Setting city centre as destination	9-20	Navigation settings	9-48
Setting junction as destination		General information for navigation system	9-52
Setting from stored routes		Current vehicle location	
Setting destination with latitude/		Route calculation	9-55
longitude (where fitted)	9-21	Route guidance	
Setting point on map		Map data	
Procedures after setting route		How to handle the SD card	
Trocedures after setting route	J-22	now to nandle the 3D cara	2-1

MAP DATA AUTHENTICATION

The navigation system is primarily designed to guide you and help you to 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 data authentication is necessary when using the navigation system for the first time.

- 1. The system starts when the ignition switch is pushed to the ACC or ON position for the first time. The map data authentication screen is displayed.
- 2. Enter the 16 alphanumeric characters in four parts containing four characters each. Each of the four parts is displayed separately.

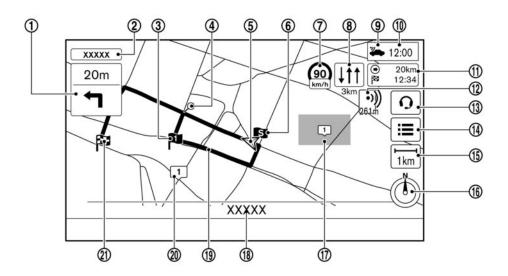
MAP TYPES

Maps are displayed on the upper touch screen display (upper display).

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.



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Screen information:

- Arrow:
 Indicates the distance to the next guide
 point and the turning direction at that
 guide point.
- (2) Traffic information indicator:
 Displays the name of the provider and the

reception condition of traffic information transmitted from the provider. When reception condition of traffic information transmitted from the provider is not detected, traffic indicator will be "greyed-out" 3 Naypoint:

Displays the set locations between the starting point and the destination. A maximum of five waypoints can be set.

- 4 Guide point: Indicates a guide point on the route.
- (5) A Vehicle icon:
 Indicates the current vehicle location and the direction of travel.
- 6 Starting point: Shows the vehicle location, with which the route is set, as the starting point.
- (7) Speed limit icon:
 Indicates the speed limit of the road you are currently driving on. The icon design varies depending on the country.
- (8) Ith Passing protection area guidance icon (for Europe): Indicates the distance to the next passing protection area.
- InTouch Services indicator (where fitted)

Indicates the status of the signal reception.

- "Infiniti InTouch Services (where fitted)" (page 8-4)
- (10) Clock
 Displays the current time.

"Clock settings" (page 2-20)

9-4 Navigation (where fitted)

- (11) Remaining time and distance to the destination:
 - Indicates the approximate remaining time and the distance to the destination or waypoint. This indicator will appear when a destination or waypoint is set and route guidance is started.
- Speed Trap Warning icon Indicates the distance to the safety camera.
- (13) Operator icon (where fitted) Touch the icon to connect to the Infiniti InTouch Services Interactive Voice Menu.
 - "connecting to interactive voice menu" (page 8-7)
- Upper display menu icon: Touch the icon to display menus on the upper display.
 - "Upper touch screen display (upper display)" (page 2-11)
- (15) 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 9-7)
- (16) (16) / (20) Direction indicator: Indicates the directional setting of the map.
 - (i): North always pointing up.

(a): The direction of the vehicle is always pointing up.

Touch the icon to change the setting among North Up, Heading Up and 3D map.

- 1 Avoid Area (green): Displays the areas to avoid that are stored in the Stored Locations. During the route search, route guidance is performed by searching for a route that avoids those areas.
- (18) Street name: Displays the name of the street that you are currently driving on.
- (19) Suggested route: Appears in bold blue or bold yellow during route guidance.
- 20 1 Stored location (yellow): Displays the locations that are stored in the Stored Location. The icons can be changed according to your preferences.
- Destination:

Indicates the destination location of route guidance.

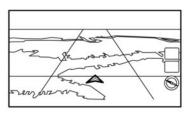
Upon reaching the destination, the address will be displayed on the map screen.



Designs and locations of the icons displayed on the map screen may change depending on conditions.

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.



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INFO:

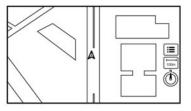
Note the following items about the Birdview™ display.

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

Building graphics (where fitted)

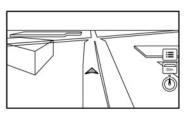
In an area where the building graphics are stored in the map data, the building graphics are displayed when the map is zoomed in. On the 2D map display, these are called "Building footprint graphics", and on the Birdview TM display, these are called "3D building graphics".

The way of looking at the map is the same for the 2D and $Birdview^{TM}$ maps.



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Building footprint graphics (2D map)



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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. The main road colours are listed below.

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

DISPLAYING CURRENT VEHICLE LOCATION

Operating with INFINITI controller



The basic map screen displays the current location (the position where the vehicle mark is located). Push **(MAP/VOICE)** to display the current location on the map while on any screen.

Operating with touch panel operation



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

MOVING MAP

The operations for moving across the map are different between the 2D and Birdview[™] maps.

2D map

Touch panel operation:

Touch

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

Long touch

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

Drag

Drags the map while the screen is touched.

Swipe

Swipe to scroll the map.

Using INFINITI controller:

- 1. Slide the slide switch to move continuously across the map in one direction.
- 2. While moving on the map, the cross pointer appears.



INFO:

While driving, one-touch continuous scrolling is disabled. Touch the screen again to scroll further.

If the map screen is set to display the building footprint graphics, the map cannot be scrolled while driving.

Map scrolling operations are limited and not fully available while driving.

Birdview™ (3D) map

Touch panel operation:

Touch

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.

Swipe

Swipe the touch panel to scroll the map screen quickly.

Using INFINITI controller:

- 1. Slide the slide switch to move continuously across the map in one direction.
- 2. While moving on the map, the cross pointer appears.



INFO:

While driving, one-touch continuous scrolling is disabled. Touch the screen again to scroll further.

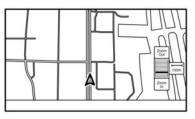
If the map screen is set to display the building footprint graphics, the map cannot be scrolled while driving.

Map scrolling operations are limited and not fully available while driving.

CHANGING SCALE OF MAP

There are several methods for changing the map scale.

Touch panel operation



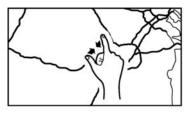
5GB0264XZ

1. Touch [200m].

The scale bar is displayed.

2. Touch [Zoom In] or [Zoom Out] to change the scale.

Pinch-in:



5GB0246XZ

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

Pinch-out:



5GB0243XZ

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

INFINITI controller operation

- 1. Turn the centre dial when the map screen is displayed. The map scale is displayed at the right side of the screen.
- 2. Use the centre dial to adjust the map scale.

Clockwise: Zoom in

Anticlockwise: Zoom out

Free zoom:

When [Small Step Zoom With Dial] is turned on, the map scale may be adjusted in regular steps or in free zoom (finer scale adjustment in smaller steps) when the centre dial is rotated.

"Navigation settings" (page 9-48)

Map scale

Map scales below are available for regular steps. When free zoom is used, finer scale adjustment is possible.

Metric Units
25 m
50 m
100 m
200 m
500 m
1 km
2 km
4 km
10 km
16 km
64 km
160 km
320 km
640 km



INFO:

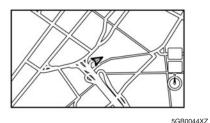
The traffic information icons (where fitted) are not displayed on the map screen when the map scale is set to 16 km (8 miles) or higher.

"Traffic information on map" (page 9-40)

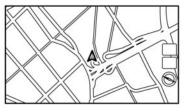
CHANGING MAP ORIENTATION

The map orientation and map view can be changed by touching (6) / (2) on the map screen.

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

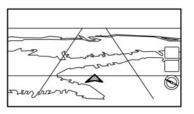


North Up



5GB0005XZ

Heading Up



Birdview™

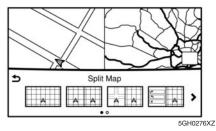
5GB0352XZ

You can also set the map view by pushing <MENU> and touching [Settings].

"Map view settings" (page 9-10)

SETTING SPLIT SCREEN

On a split screen, two types of different maps or a map on the right side of the screen with some other information (such as intersection information) on the left side of the screen can be displayed.



Upper display

- 1. Push **<MAP/VOICE>** while the current location map screen is displayed, the Display View Bar is displayed.
- 2. Select a type of the screen.

"Customising the Display View Bar (models with navigation system)" (page 2-14)

MAP VIEW SETTINGS

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

- 1. Push <MENU> and touch [Settings].
- 2. Touch [Navigation].

The following map view setting items are available.

Menu item		Action	
[Map & Display View]	[Change Order]	Select the upper displays to be applied to the Display View Bar.	
	[Full Map]	Select one of the settings to be applied to the upper display.	
	[Split Map]	"Display View Bar" (page 2-12)	
	[Junction]		
	[Turn List]		
	[Where am I?] (where fitted)		
	[Turn by Turn]		
	[Audio] (models without navigation system)		
	[Energy Flow] (hybrid models)		
	[Fuel Economy]		
	[Eco Drive Report] (petrol models)		

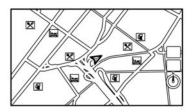
Menu item			Action	
[Map Preferences]	[Map View]	[North Up]	Select one of the map views to be applied to the map screen.	
		[Heading Up]		
		[Birdview (3D)]		
	[Long Range Headin	ng Up]	The position of the vehicle icon can be changed to view a wider area in the travelling direction. The vehicle icon is located slightly lower than the centre of the screen. Long Range map view is available only when the map view is "Heading Up".	
	[Map Colour]	[Colour 1]	Select a preferred map colour.	
	[Map Text Size]	[Large]	Set the font size.	
		[Medium]		
		[Small]		
	[Birdview Angle]		Adjust the Birdview™ angle.	
	[Auto North Up]		Set the top of the map to remain oriented to the north.	
	[Automatic Display	in Mwy Mode]	The route information can be set to on or off to be displayed automatically while driving on a freeway.	
	[Names Displayed	[Place Names]	Allows place names to be displayed on the map screen.	
	on Map]	[POI Names]	Allows POI names to be displayed on the map screen.	
		[Road Names]	Allows road names to be displayed on the map screen.	
	[Left Split Map Settings]	[Left Side Map Orienta- tion]	The map view for the left side of split screen can be selected from North Up or Heading Up.	
		[Long Range Heading Up]	Allows the map view for the left side of the split screen to change the position of the vehicle icon so that a wider area in the travelling direction can be viewed. The vehicle icon is located slightly lower than the centre of the screen.	
		[Map Scale]	Allows the map view for the left side of the split screen to display a scale on the left side of the screen. Use this to change the scale of a map.	

DISPLAYING INFORMATION ON MAP

Some information on the map can be displayed or hidden.

Displaying facility icons

The facility icons can be displayed or hidden by type.



5GB0292XZ

- 1. Push **<MENU>** and touch [Settings].
- 2. Touch [Navigation].
- 3. Touch [POI Icons Displayed on Map].
- 4. Touch the preferred icon. The indicator of the selected icon illuminates.



INFO:

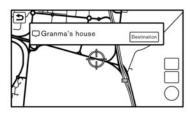
 The map icons are not displayed on the map screen when the map scale is set to 500 m (1/4 mile) or higher in the 2D and Birdview™ map. If they are registered in the map data, the brand icons will be displayed on the map instead of the general map icons listed.

Available setting icons:

₽	Petrol Station
*	Restaurant
Р	Service Area
!	Hotel
+	Hospital

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.



5GB0253XZ

1. Push **(MENU)** and touch [Settings].

- Touch [Navigation] and touch [Other Settings].
- 3. Touch [Map Scrolling Information].
- 4. Touch the preferred information item.

The following information items are available.

- [RDS-TMC Icon] (where fitted)
- [Destination/Waypoint Icon Info] (where fitted)
- [Stored Location Icon Info]

TRAFFIC INFORMATION ON MAP (where fitted)

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

Traffic congestion indicator:

Lines displayed along the roads indicate locations of traffic congestions. 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.

SETTING DESTINATION

i: Information

A: Accident

A: Broken vehicle

O: Closed road

♠: Contraflow

♠: Danger

Æ: Delay

: Fog reduced visibility

: Lane restrictions

A: Major events

A: Rain

A: Road surface in poor condition

A: Roadwork

A: Slippery road

A: Snow

A: Stationary or Queuing Traffic

A: Vehicle on wrong carriage way

🍂 : Weather

A: Wind

A: Slow and Heavy traffic

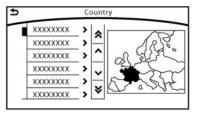
If the route has not been set, all of the traffic information icons on the map screen are displayed in red. When the route is set, the icons on the route are displayed in red, and the icons outside the route are displayed in grey. Information icons and forecast information icons are displayed in blue.

CHANGING REGION

When setting a destination, the location can be narrowed down by specifying the region or city.

Specifying country

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



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- 1. Push **<MENU>** and touch [Destination].
- 2. Touch the icon for the preferred search method.
- 3. Touch [Country].
- 4. Touch the preferred country from the list.

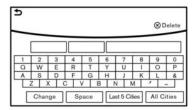


INFO:

It is also possible to select a region by touching the map on the right side of the screen.

Specifying city (where fitted)

Depending on the destination search method (such as Street Address, Junctions, etc.), the candidates of locations can be narrowed down by specifying the city.



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Enter the name of the city you wish to set as a destination.



INFO:

- Touch [List] to display a list of items that matches the entered characters.
- Touch [Change] to switch the type of keyboard.
- Touch [City] on the upper display. The city input screen will appear on the lower display.
- For an area where postal code information is available, [Postcode] will appear. Touch [Postcode] to search for a location by postal code.

DESTINATION SETTING MENU

There are several methods that can be used to set a destination. Understand the advantages of each method and select the best method for finding and setting the preferred destination.

- 1. Push <MENU>.
- 2. Touch [Destination].

Setting item	Action
[Street Address]	Search for a destination by address. 9-16
[Points of Interest]	Search for a destination from various categories of businesses or locations. 9-17
[Home]	Search for a route from the current location to the previously stored home destination. 9-18
[Nearby Places]	Search for points of interest near the current vehicle location, such as restaurants, etc. 9-19
[Stored Locations]	Search for a destination from the list of the stored locations. 9-18
[Previous Destinations]	Set the previous starting point as the destination. Search for the destination from the previous destinations. 9-19
[M-way Entrance/Exit]	Search for a destination from a freeway entrance/exit. 9-20
[Stored Routes]	Select a stored route. 9-21
[Junction]	Set an intersection as the destination. 9-20
[City Centre]	Set the centre of a city as the destination. 9-20



INFO:

- The order of the items displayed on the screen may vary depending on the model.
- If the route is already set, the selected location becomes a waypoint.
- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Stored Locations, etc.

"Procedures after setting route" (page 9-22)

- The destination can be deleted.
 - "Cancelling route" (page 9-28)

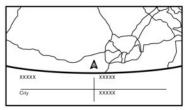
FINDING ADDRESS

- 1. Push **<MENU>** and touch [Destination].
- Touch [Street Address]. A letter input screen is displayed. Enter the name of the city. After finishing the entry, touch [List]. A list screen is displayed.



INFO:

- Depending on the country, searching for a city from the postal code is possible. Touch [Postcode] and enter the postal code of the destination.
- Touch [Last 5 Cities] and press **<ENTER>** to display the last 5 cities recently set as destinations.



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Example of Upper Display

 Touch the preferred item (such as [City]) to be set on the upper display. A keyboard will appear on the lower display according to the selected item.

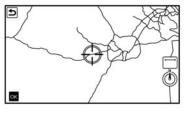
Select the city of the destination from the list.
 Enter the name of the street. After finishing the entry, select [List]. A list of streets is displayed. Select the street of the destination from the list.



INFO:

When [City Centre] is selected, the centre of the city becomes the target of the search.

- 4. Select the street of the destination from the list.
- Enter the house number and touch [OK].Touch [OK] on the upper display.

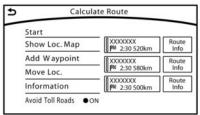


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INFO:

Touch [No House#] if the house number is unknown.



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- 6. Touch [OK] on the upper the display.
- The selected destination is displayed at the centre of the map. 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 system.

F

"Procedures after setting route" (page 9-22)

FINDING POINTS OF INTEREST (POI)

This method allows you to find a facility by name or by category. Specify the region and the city of the destination to search effectively.

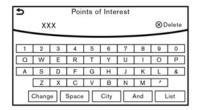


NOTE:

Locations and business hours of the 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 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 by a landmark name

- 1. Push (MENU) and touch [Destination].
- 2. Touch [Points of Interest].
- 3. Touch [Spell Name]. A character input screen is displayed.



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INFO:

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

- 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.
- 6. The selected destination is displayed at the centre of the map, and then the route to the destination and the route information will be displayed. Touch [Start] to start the route guidance.



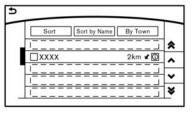
 Searching with two words or more is possible by touching [And] between the keywords.

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

"Procedures after setting route" (page 9-22)

Searching from the landmark category

- 1. Push **<MENU>** and touch [Destination].
- 2. Touch [Points of Interest].
- 3. Touch the category from the menu screen. The subcategory list is displayed.
- 4. Touch the subcategory. A list screen is displayed.



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5. Touch the preferred destination facility from the list.

The selected destination is displayed at the centre of the map. Touch [Start] to start route guidance.



- Touch [(i)] to display the location information.
- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Stored Locations, etc.

"Procedures after setting route" (page **EC**1 9-22)

If the nearest points of interest (POI) cannot be searched, a message asking whether to search from an extended area will be displayed. When [Yes] is selected, the system starts to search for points of interest (POI) in a wider area.

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. Push (MENU), touch [Destination] and then touch [Home].
- 2. The home location is displayed on the upper display, and the system sets the home location as the destination.



INFO:

If the home location is not stored, the system will display a screen with a message asking if vou wish to store a home location.

"Storing home location" (page 9-41)

3. The selected destination is displayed at the centre of the map. Touch [Start] to start route guidance.

Setting by voice command (for Europe)

- 1. Push < 11/2 > located on the steering wheel.
- 2. After the tone sounds, speak a command.

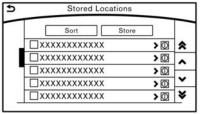
To set the home location as the destination: "Home"

SEARCHING FROM STORED LOCATIONS

Storing frequently used destinations in the Stored Locations makes it easy to set a destination. Locations should be stored in the Stored Locations before using this function.

"Storing location" (page 9-41)

- 1. Push **<MENU>** and touch [Destination].
- 2. Touch [Stored Locations].



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3. Touch the preferred location from the list.

Selecting [Sort] displays a list of various sort functions.



INFO:

[Sort by Entry No.]:

The Address Book entries are displayed in ascending numerical order.

[Sort by Name]:

The Address Book entries are displayed in alphabetic order.

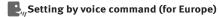
[Sort by Icon]:

By selecting a particular icon, a list that contains only the Address Book entries associated with that icon is displayed.

[Sort by Group]

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

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



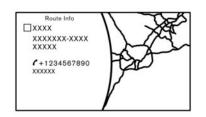
- 1. Push < 11/2 > located on the steering wheel.
- 2. After the tone sounds, speak a command.

To set the destination from the Stored Locations: "Stored Locations"

FINDING NEARBY PLACE

A facility located near the current vehicle location or another location that you move to by scrolling the map can be set as the destination. This allows you to set the destination to a facility located near the current vehicle location or another location that you move to by scrolling the map.

- 1. Push **<MENU>** and touch [Destination].
- 2. Touch [Nearby Places]. The category list is displayed.
- 3. Select [RESTAURANT] for example.



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4. Touch the preferred destination from the list. The route to the destination is displayed in the preview on the upper display.



INFO:

- Touch (i) to display the location information.
- If the suggested route is already set, by touching [Along Route] on the lower display, the system displays only the facilities located along the route.
- A maximum of 100 facilities can be displayed on the list screen.
- 5. Touch [Start] to start route guidance.



INFO:

Nearby place can be set as a destination also by touching [] while scrolling the map on the current location map screen and selecting [Nearby Places] on the upper display menu screen.

SEARCHING FROM PREVIOUS DESTINATIONS

A previous destination can be set as the destination.

Up to 100 previous destinations will be automatically stored. If the number of previous destinations exceeds 100, the oldest one will be replaced by the newest one.

- 1. Push **<MENU>** and touch [Destination].
- 2. Touch [Previous Destinations]. A list screen is displayed.
- 3. Touch the previous start point or the previous destination from the list.
- 4. Touch [Start] to start route guidance.



INFO:

Touch [(i)] to display the location information.

Setting by voice command (for Europe)

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

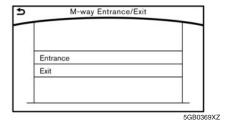
To display the previous destinations list:

"Previous Destinations"

SETTING MOTORWAY ENTRANCE/EXIT AS DESTINATION

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

- 1. Push **<MENU>** and touch [Destination].
- Touch [M-way Entrance/Exit]. A character input screen is displayed.
- 3. Enter the name of the motorway. After finishing entry, touch [List].
- 4. Touch the preferred motorway.



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



INFO:

Touch [Sort] and then select [By Road No.] or [Sort By Distance] to sort the items in the order.

7. Touch [Start] to start route guidance.

SETTING CITY CENTRE AS DESTINATION

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

- 1. Push **<MENU>** and touch [Destination].
- 2. Touch [City Centre]. A character input screen is displayed.
- 3. Enter the name of the city and touch [List]. A list screen is displayed.



INFO:

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

4. Touch the preferred destination from the list.



INFO:

Touch [Map] on the list to preview on the upper display.

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

SETTING JUNCTION AS DESTINATION

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

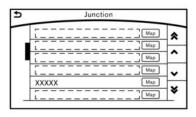
- 1. Push **<MENU>** and touch [Destination].
- 2. Touch [Junction].
- The 1st street input screen is displayed on the lower display.



INFO:

Touch [Country] or [City] on the upper display to narrow down the specified state and city.

- Enter the name of the first street. After finishing the entry, touch [List]. A list screen is displayed.
- 5. Touch a street as the first street from the list.
- A second street input screen is displayed on the lower display.
- Enter the name of the second street. After finishing the entry, touch [List]. A list screen is displayed.
- Touch a street as the second street from the list. A junction list screen is displayed.



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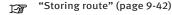


Touch [Map] to display the junction at the centre of the map on the upper display.

- 9. Touch a junction from the list.
- 10. The selected destination is displayed at the centre of the map on the upper display. Touch [Start] to start route guidance.

SETTING FROM STORED ROUTES

It is possible to select a preferred route from the stored routes. This search method is available only if previous routes have been stored.



- 1. Push **<MENU>** and touch [Destination].
- 2. Touch [Stored Routes]. A list screen is displayed.
- 3. Touch the preferred route from the list.

- 4. When the stored route is displayed, touch [New Dest.].
- 5. Touch [Start] to start route guidance.

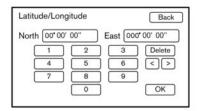


INFO:

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.

SETTING DESTINATION WITH LATITUDE/LONGITUDE (where fitted)

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



5GB0276X7

1. Push **(MENU)** and touch [Destination].

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

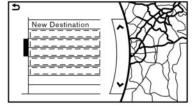


INFO:

 To switch between entering latitude and longitude, move the cursor by touching [<] and [>].

SETTING POINT ON MAP

A location scrolled and pointed on the map can be set as a destination.



5GB0322XZ

Upper display

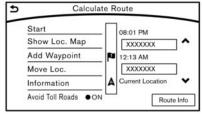
1. Scroll the map, place the cross pointer over the preferred location, and touch [=].



- Adjust the map scale for effective location search.
- A road on the map will blink when pointed on by the cross pointer indicating that the road can be set as a destination.
- 2. Touch [New Destination].
- 3. The entire route is shown on the upper display. Touch [Start] to start route guidance.

PROCEDURES AFTER SETTING ROUTE

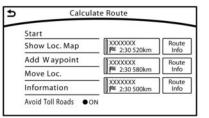
The system sets the destination to the selected location and starts calculating a route. After performing a route search, route guidance can be started. Also, it is possible to confirm or change a route.



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Lower display with waypoint (with Avoid Toll Road function)

Available items (left side of the screen)



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Lower display without waypoint (with Avoid Toll Road function)

[Start]:

Start route guidance to the selected destination.



INFO:

If no operations have been performed on the system for several seconds, [Start] is automatically selected, and the system starts route guidance. When the vehicle is being driven, [Start] is automatically selected and the system will start the route guidance function.

[Show Loc. Map]:

Display destination on the upper display.

[Add Wavpoint]:

Allows you to edit the route by adding a destination or waypoint.

[Move Loc.]:

The location can be adjusted.

[Information] (where fitted):

Details can be viewed.

[Avoid Toll Roads] (where fitted):

When this item is turned on, routes excluding toll roads will be searched for.



INFO:

- Estimated Time of Arrival can be checked on the upper display.
- If a destination is added, the prior destination becomes a waypoint.
- It is possible to edit or add a destination or waypoints to the route that is already set.

"Editing route" (page 9-29)

Available items (right side of the screen)

• [Route Info]:

Route Information can be displayed.

Route conditions

Route conditions for route calculation can be changed.

Country	Available route conditions	Route calculation
Europe	[Avoid Toll Roads]	Select a route avoiding the use of toll roads.
	[Fast]	Select a route that is the most time efficient.
	[Eco]	Select a route that is the most energy-saving.
	[Short]	Select a route that is shortest in distance.
Russia	[Avoid Toll Roads] (where fitted)	Select a route avoiding the use of toll roads.
	[Fast]	Select a route that is the most time efficient.
	[Minimise Motorways]	Select a route with minimum use of motorways.
	[Short]	Select a route that is shortest in distance.



The three routes may not always be different.

Moving location of destination

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



Upper display

- 1. After setting a destination, touch [Move Loc.].
- 2. Touch the map screen on the upper display. A map screen with the destination located on the map centre is displayed on the upper display.
- 3. Adjust the location by moving the cross pointer across the map and touch [OK]. The location of the destination is modified.



INFO:

The map scale can be changed by touching [200m].

ABOUT ROUTE GUIDANCE

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

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



CAUTION:

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

"Route guidance" (page 9-56)

Voice guidance during route guidance

Basics of voice guidance:

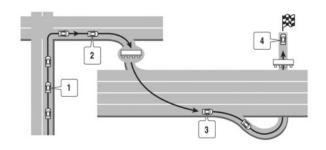
Voice guidance announces which direction to turn when approaching an intersection for which a turn is necessary.



INFO:

• There may be some cases in which voice guidance and the actual road conditions do not correspond. This may occur because of discrepancies between the actual road and the information in the map data, or may also be due to the vehicle's speed.

- In case voice guidance does not correspond to the actual road conditions, follow the information obtained from traffic signs or notices on the road.
- When approaching a guide point (intersection or corner) or destination, etc. during route guidance, voice guidance announces the remaining distance and/or turning direction. Push and hold <MAP/ **VOICE>** to repeat voice guidance.



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Example of voice guidance:

- (1) "In 400 metres (one quarter mile), turn right (left)." "Right (left) turn ahead."
- (2) "In 400 metres (one quarter mile) take the motorway entrance on your right."
- "In two kilometres (one mile), take the exit."
- "You have arrived at your destination. Ending the route guidance."

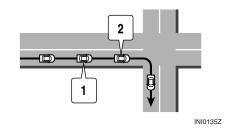
Directions will differ, depending on the road type.



INFO:

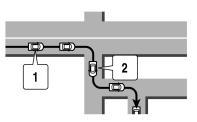
Distances may vary, depending on the vehicle speed.

Notification of intersection on ordinary road:



- 1. "In 400 metres (one quarter mile), turn right (left)."
- 2. "Turn right (left) now."

Notification of consecutive intersections on ordinary roads:

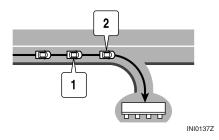


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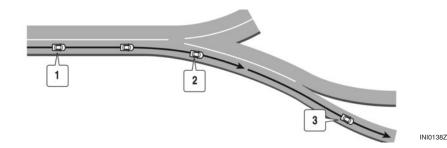
When the road has three or more consecutive intersections ahead, voice guidance will announce the following.

- 1. "In 400 metres (one quarter mile), turn right (left), then in 400 metres (one quarter mile) turn left (right)."
- 2. "Turn left (right) now, then in 400 metres (one quarter mile) turn right (left)."

Notification of motorway entrance (where fitted):



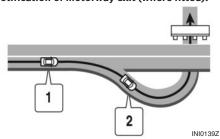
- 1. "In 400 metres (one quarter mile), take the motorway entrance."
- 2. "Turn right (left) now."



Notification of motorway junction (where fitted):

- 1. "In two kilometres (one mile), keep to the right (left) onto (road number), then in 400 metres (one quarter mile) keep to the right (left)."
- 2. "In 400 metres (one quarter mile), keep to the right (left) onto (road number)."
- 3. "Keep to the right (left) now."

Notification of motorway exit (where fitted):



- 1. "In two kilometres (one mile), take the exit on your right."
- 2. "In two kilometres (one mile), take the second exit on your right."

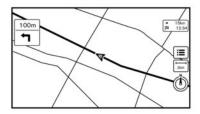
Notification when approaching destination:

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

Route guidance screens

Various guidance screens are displayed on the upper display during route guidance.

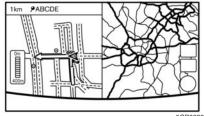
Route guidance on map screen:



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

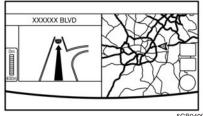
Enlarged intersection view:



5GB0399XZ

When approaching a guide point, the system automatically changes to the split screen and shows an enlarged view of the intersection on the left screen. To switch to the previous screen while the enlarged intersection view is displayed, push <MAP/VOICE> on the INFINITI controller.

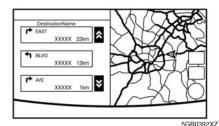
Junction guidance:



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While driving on a freeway, when the vehicle is approximately two km (approximately one 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 passing the junction, the system automatically returns to the full screen mode. To switch to the previous screen while the enlarged junction view is displayed, push (MAP/VOICE) on the INFINITI controller.

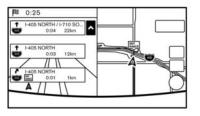
Route Information:



When approaching a guide point, the left screen automatically switches to an enlarged view of the intersection. To switch to the previous screen push <MAP/VOICE> on the INFINITI controller.

Depending on the setting, the system can constantly display the split screen as the Display View screen.

Showing freeway exit information:



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When [Automatic Display in Mwy Mode] is turned on and the route includes a freeway or toll road, all exits along the route which have exit information will be shown in the route information. The exit information is shown as icons.

"Map view settings" (page 9-10)

GUIDANCE SCREEN SETTINGS

The guidance screen can be displayed at all times even when the vehicle is located away from the guide point. Various types of screens can be set.

"Display View Bar" (page 2-12)

CANCELLING ROUTE

The destinations and the waypoints on the route can be deleted.

1. Push (MENU).

- 2. Touch [Cancel Route].
- 3. A message is displayed.

The destination and the waypoints on the route are deleted.

"Display View Bar" (page 2-12)



INFO:

The deleted destination and waypoints cannot be reactivated.

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.

Route menu screen is available only when a destination is set.

- 1. Push **(MENU)** and touch [Route].
- 2. The following items are available.

Available settings

[Edit Route]:

Edit or add a destination or waypoint to the route that is already set.

"Editing route" (page 9-29)

[Search Criteria Settings]:

Change the route calculation conditions anywhere along the route.

"Route Settings" (page 9-36)

[Recalculate]:

Manually search for the route again after changing the search conditions and have the system calculate a route.

"Recalculating route" (page 9-31)

[Show Destination]:

The destination is displayed on the map screen of the upper display.

[Traffic Detour]:

Manually search for an alternative detour route taking the traffic information into consideration.

"Searching for detour route" (page **E**C] 9-31)

[Detour]:

A detour of a specified distance can be calculated.

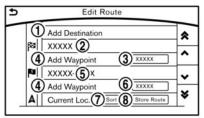
"Specified distance based detour" (page 9-32)

[Guidance Preferences]:

Activate or deactivate route, voice guidance and/or traffic announcement and adjust the volume level of voice guidance.

"Route guidance settings" (page 9-34)

EDITING ROUTE



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- 1. Push **<MENU>** and touch [Route].
- 2. Touch [Edit Route].
- 3. Touch the icon for the item you wish to edit.

Available settings

(1) [Add Destination]: Touch to add a destination.

> "Adding destination or waypoint" (page 9-30)

(2) Current destination:

Change or delete the destination.

"Editing/deleting destination or waypoint" (page 9-30)

(3) Condition for calculating a route to the destination:

Change the conditions for calculating a route to the destination.

"Changing route calculation **1**28-1 conditions" (page 9-31)

(4) [Add Waypoint]:

"Adding destination or waypoint" (page 9-30)

(5) Current waypoint:

Change or delete the waypoint.

"Editing/deleting destination or waypoint" (page 9-30)

(6) Condition for calculating a route to a waypoint:

Change the conditions for calculating a route to a waypoint.

"Changing route calculation conditions" (page 9-31)

(7) [Sort]:

The waypoint and the destination can be sorted.

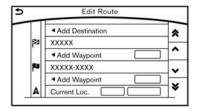
(8) [Store Route]:

Store a route including a destination and route conditions. A maximum of five routes can be stored. Stored routes can be easily retrieved and set as the suggested route.

Adding destination or waypoint

A destination or waypoint can be added to a route that has already been set. A total of six destinations or waypoints can be set.

- 1. Push **<MENU>** and touch [Route].
- 2. Touch [Edit Route].



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



INFO:

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

- 4. Set a destination or waypoint. The method of searching for a destination or waypoint is the same as the one for a destination.
 - "Setting destination" (page 9-13)
- 5. The system will recalculate the routes. After the route search is completed, the display will automatically return to the Edit Route screen. Set the route conditions as necessary.





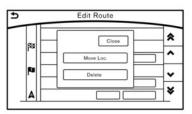
INFO:

The prior route is automatically deleted.

Editing/deleting destination or waypoint

A destination or waypoint that has already been set can be modified or deleted. If a location is modified or deleted when a suggested route is already set, the prior suggested route will be recalculated accordingly.

1. Touch a destination or waypoint that is already set.



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2. Touch the item you want to set.

Available settings

[Move Loc.]:

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

[Delete]:

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



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. After setting these conditions, the entire route can be recalculated.

- 1. Touch the preferred section of the route to the destination or waypoint.
- 2. Touch the preferred condition.

"Procedures after setting route" (page [2] 9-22)

3. The conditions are changed and the display returns to the Edit Route screen.

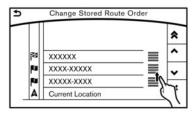


INFO:

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.



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- 1. Touch [Sort]. A list of the destination and waypoints is displayed.
- 2. Touch and hold [by the destination or waypoint you wish to relocate, and when you hear a beep drag the icon to the position in the list you wish to insert the item.
- 3. Touch [) to apply the change.

RECALCULATING ROUTE

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

- 1. Push **<MENU>** and touch [Route].
- 2. Touch [Recalculate]. A message is displayed and the route is recalculated.



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 for again by the Auto Reroute function.



"Route Settings" (page 9-36)

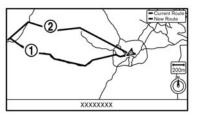
SEARCHING FOR DETOUR ROUTE

There are two methods for setting a detour route: A detour route setting taking traffic information into consideration and a detour route setting specifying the distance

Traffic information based detour

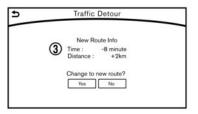
When a serious traffic event occurs on the route, or if the system finds a faster route, a detour alert will display automatically. If you do not notice the automatic alert, a detour can also be searched for manually.

- 1. Push **(MENU)** and touch [Route].
- 2. Touch [Traffic Detour].



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Upper display



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Lower display

- 3. When the detour search is successful, detailed information about the detour route (lower display) and the comparison screen of the two routes (upper display) are displayed.
 - (1): Detour route (purple)
 - (2): Original route (blue)

- (3): The change of distance and estimated travel time to the 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 broadcasted, 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 9-36)

- 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.

Specified distance based detour

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

- 1. Push **<MENU>** and touch [Route].
- 2. Touch [Detour].

3. Touch the preferred detour distance from the list. The system will calculate the route with the specified detour distance and the route will appear on the map.



INFO:

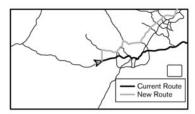
- When the vehicle has deviated from the suggested route, [Detour] cannot be selected.
- If the system cannot calculate a detour with the specified conditions, the previously suggested route will be displayed on the map.
- If the vehicle is travelling at a high speed, the detour route may start from a location that the vehicle has already passed.

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.

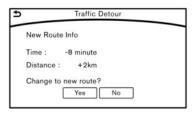


"Route Settings" (page 9-36)



5GB0239XZ

Upper display



5GB0349XZ

Lower display

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



INFO:

• If no operation is performed for one minute after the message is displayed, the message disappears. The detour will not be accepted, and the current suggested route will remain unchanged.

When [Traffic Announcements] is turned on in the Guidance Preferences settings, the system will announce voice guidance at the same time that the message appears on the screen.

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. Push <MENU> and touch [Settings].
- 2. Touch [Navigation].
- 3. Touch [Guidance Preferences].

Setting item		Action
[Voice Guidance]		Activate or deactivate voice guidance.
[Guidance Volume]		Adjust the volume level of voice guidance.
[Voice Guidance Settings]		Set advanced settings for the voice guidance announced or chime at guide points.
	[Turn Point]	Turn on the sound that chimes when a manoeuvre should be performed.
	[Select Preference]	Select preferred alert timing.
[Normal Guide] [Full Guide]		Select normal guide alert timing.
		Select the system to provide full guide alerts.
[Traffic Announcements] (where fitted)		Activate/deactivate the traffic announcement. When this item is activated, the system provides an announcement for a traffic information event on the route. The indicator illuminates if traffic announcement is activated.
[Toll Guide] (where fitted)		Turn on the toll guide.
[Small Turn Arrow on Map] (where fitted)		Displays an arrow on the map screen that indicates the direction of the next turn.
[Passing Zone Info] (where fitted)		Displays the passing zone information on the map screen.

Setting item		Action
[Arrival Time Format]	[Estimated Time of Arrival]	Displays the estimated arrival time.
	[Trip Time Remaining]	Displays the time required to travel to the destination.
[Estimated Time]	[Destination]	Switch the display of the estimated travel time to the destination or waypoint that is
		displayed on the map screen. Display
	[Waypoints]	_
		Display of the travel time to the waypoint.
[Set Average Speeds]	[Auto]	If set to ON, the system automatically calculates the time required to travel to the destina-
		tion.
	[Motorway]	Adjust the average vehicle speed on a motorways.
	[Main Road]	Adjust the average vehicle speed on other main roads.
	[Town Road]	Adjust the average vehicle speed on a town roads.
	[Residential]	Adjust the average vehicle speed in a residential areas.
	[Reset Settings]	Set the average vehicle speeds to the default values.
[Auto Reroute]		If the vehicle deviates from the suggested route, the system automatically recalculates a route that guides the vehicle to the suggested route.



The guidance volume can also be adjusted by turning the audio system volume control button or pushing <+>/<-> button on the steering wheel while voice guidance is being announced.

Route Settings

Route search condition for route calculation can be changed.

- 1. Push <MENU> and touch [Settings].
- 2. Touch [Navigation].
- 3. Touch [Route Search Criteria].

Setting Item		Action	
[Search Criteria]	Route search conditions can be selected. "Procedures after setting route" (page 9-22)		
[Route Prefer-	[Avoid Toll Roads] (where fitted)	Avoids the use of toll roads.	
ences]	[Use Time Restricted Roads]	Use any roads subject to time restrictions.	
	[Use Real Time Traffic Information]	Uses the latest traffic information received via the RDS-TMC broadcast.	
	[Use Avoid Area Setting]	Enable the Avoid Area setting. "Storing Avoid Area" (page 9-42)	
	[Use Ferries]	Include the use of ferries.	
	[Use Learned Routes] (for Europe)	Use the roads that are most frequently travelled on with the help of self-learning technology.	
	[Auto Reroute]	If the vehicle deviates from the suggested route, the system automatically recalculates a route that leads the vehicle to the suggested route.	



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 [Route Preferences], 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 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.
- Even when [Use Real Time Traffic Information] is turned on, if traffic information has not been provided for the area, a detour may not always be indicated in a location where a traffic jam occurs.
- The system may not lead to a detour if a traffic closure or a traffic jam occurs far from the present location.
- The system performs calculation 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.
- 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 (where fitted)

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.

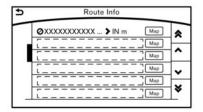
VIEWING AVAILABLE TRAFFIC INFORMATION

- 1. Push **(MENU)** and touch [Information].
- 2. Touch [Traffic information].
- 3. Touch the preferred information.

Available item	Action
[Nearby Traffic Info]	The list of available traffic information around the current vehicle location is displayed.
[Info. on Route]	This is only available when a route is set. A list of traffic information found on the recommended route from the current vehicle location to the destination is displayed. Detailed information about displayed events can also be checked.

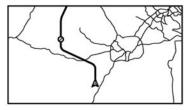
VIEWING TRAFFIC INFORMATION LIST

A list of traffic information found on the recommended route from the current vehicle location. to the destination is displayed. Detailed information about displayed events can also be checked.



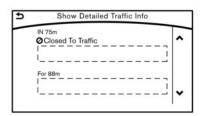
5GB0323X7

1. Touch the event to check the detailed information. Touch [Map] to display the traffic information location on the upper screen.



5GB0171XZ

Upper display



5GB0287XZ

Lower display

2. The map screen centred around the selected event is displayed on the upper display. On the lower display, detailed information about the event is displayed.

The message can be scrolled.

3. Touch [) to return to the previous screen.

URGENT TRAFFIC INFORMATION

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

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



INFO:

- Urgent traffic information is displayed regardless of whether the traffic information system is on or off.
- 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 SETTINGS

This displays or changes the settings for the traffic information related functions.

- 1. Push (MENU).
- 2. Touch [Settings] and touch [Navigation].
- 3. Touch [Traffic Info Settings].
- 4. Touch the preferred setting. The indicator for the selected setting illuminates.

Available setting items

[Show Traffic Info on Map]:

Display all RDS-TMC information on the map while driving.

[TMC Service]:

Define the RDS-TMC broadcasting tuning.

• [RDS-TMC On Map]:

Select and display the relevant RDS-TMC icons on the map.

[Traffic Announcements]:

Announces the traffic information event on the route.



INFO:

- The RDS-TMC system automatically updates and overwrites old information. Traffic information is not available in some areas.
- The colour of the RDS-TMC icon displayed on the screen indicates the traffic information reception condition. The icon turns green while in an area where traffic information is being broadcasted and the RDS-TMC system receives broadcast information.

Setting by voice command (for Europe)

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

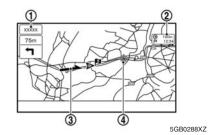
To turn the traffic information system on/off: "Traffic Information"

TRAFFIC INFORMATION ON MAP

The traffic information is displayed on both the 2D and Birdview™ map screens.



"Viewing available traffic information" (page 9-38)



- (1) 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.
- ② Estimated travel time to destination calculated with consideration of traffic information on route

- (3) Road conditions Free Flow: Green arrow Moderate traffic: Yellow arrow Heavy traffic: Red arrow Section affected by serious traffic event: Purple arrow
- Traffic information icon
 If a route is not 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.



INFO:

Traffic information icons can be displayed only when the scale level of the map is in between 25 m (100 ft) and 16 km (8 miles).



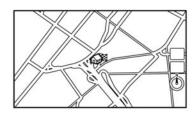
"Map scale" (page 9-8)

STORING A LOCATION/ROUTE

STORING LOCATION

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

Storing home location



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Upper display

- 1. Push (MENU) and touch [Destination].
- 2. Touch [Home].
- 3. If the home location is not registered, the system prompts to store it.
- 4. Set the Home location using the same procedure as setting a destination.

"Setting destination" (page 9-13)

5. A message is displayed on the lower display and the home location is stored.

Other Settings

- 1. Push **(MENU)** and touch [Settings].
- 2. Touch [Navigation] and touch [Edit/Delete Stored Locations].
- 3. Touch [Stored Locations] and touch [Home Location (None)].
- 4. Touch the appropriate method to set a location. The search methods are the same as for setting a destination.

"Setting destination" (page 9-13)

5. Adjust the location of the stored item and edit the contents of the stored item as necessary. After finishing the setting, touch [OK].

Storing location by searching

It is possible storing a location by searching in various ways.

- 1. Push **(MENU)** and touch [Settings].
- 2. Touch [Navigation].
- 3. Touch [Edit/Delete Stored Locations].
- 4. Touch [Stored Locations].
- 5. Touch [Add New].
- 6. Touch the appropriate method to set a location. The search methods are the same as setting a destination.

"Setting destination" (page 9-13)

7. The address of the location is stored.

- 8. Adjust the location of the stored item and edit the contents of the stored item as necessary.
 - "Editing stored home and location" عجرا (page 9-43)

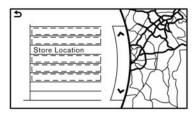


INFO:

- When the location is stored in the Stored Locations. [Stored Locations] can be used to search for the location.
- When 200 store location are already stored, a new store location cannot be stored until a currently stored store location is deleted.

Storing location by moving map

1. Move to the preferred location on the map and touch [] on the upper display.



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Upper display

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

 The icon representing the stored location is displayed on the map. Touch [) on the upper display to return to the current location map screen.



NFO:

The address is stored in the first available posi-

STORING ROUTE

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

- 1. Push **<MENU>** and touch [Route].
- 2. Touch [Edit Route].
- Touch [Store Route]. A confirmation message is displayed. Touch [Yes] to store the current route.

Other settings

A route can also be stored using the following procedure.

- 1. Push **(MENU)** and touch [Settings].
- Touch [Navigation] and touch [Edit/Delete Stored Locations].
- 3. Touch [Stored Route Plans].
- Touch [Store Current Route]. A confirmation message is displayed.

5. Confirm the contents of the message then touch [Yes]. The current route is stored.



INFO:

- 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, a new route cannot be stored until a route is deleted.



"Deleting stored item" (page 9-46)

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. Push **<MENU>** and touch [Settings].
- 2. Touch [Navigation] and touch [Edit/Delete Stored Locations].
- 3. Touch [Avoid Areas].
- 4. Touch [Add New].

Touch the appropriate method to search for a location.



"Setting destination" (page 9-13)

- Adjust the location of the Avoid Area and edit the contents of the Avoid Area as necessary.
 - "Editing Avoid Area" (page 9-45)
- 6. After finishing the setting, touch [).



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 9-46)

EDITING STORED INFORMATION

Items stored in the system can be modified. These settings can be edited to make the navigation system more useful.

Editing stored home and location

- 1. Push <MENU> and touch [Settings].
- 2. Touch [Navigation] and then touch [Edit/Delete Stored Locations].
- 3. Touch [Stored Locations].

Available Item			Action
[Add New]			Add a new location.
			"Storing location by searching" (page 9-41)
[Sort]			Sort the stored locations.
[Home Location] [Edit]		[Move Location]	Adjust the location of the stored location on the upper display.
		[lcon]	Change the icon of the home to the preferred one.
		[Show Icon on Map]	Displays the home icon on the map.
		[Alarm Sounds]	Set the tone of the alarm that sounds when the vehicle approaches the home.
		[Alarm Direction]	Set the alarm to sound when approaching from a specific direction.
		[Alarm Distance]	Set the alarm to sound when reaching a specific distance to the home.
	[Delete]		Delete the stored home location.

Touch the preferred stored	[Edit]	[Move Location]	Adjust the location of the stored location on the upper display.
address from the list.		[Name]	Change the name of a stored address.
		[lcon]	Change the icon of a stored location to the preferred one.
		[Show Icon on Map]	Displays the home icon on the map of a stored location.
		[Group]	This groups the stored addresses.
		[Alarm Sounds]	Set the tone of the alarm that sounds when the vehicle approaches a stored address.
		[Alarm Direction]	Set the alarm to sound when approaching from a specific direction.
		[Alarm Distance]	Set the alarm to sound when reaching a specific distance to a stored address.
	[Delete]		Delete the stored location.



INFO:

- By changing the icons, the use of the [Sort by Icon] option of the sort function can be optimised more effectively.
- By grouping the stored addresses, the [Sort By Group] option of the sort function can be used more effectively in the [Sort] mode.
- Once the direction and the distance to sound an alarm are set, the system will sound the alarm when the vehicle enters the triggering zone.

Editing Avoid Area

- 1. Push <MENU>.
- 2. Touch [Settings] and touch [Navigation].
- 3. Touch [Edit/Delete Stored Locations].
- 4. Touch [Avoid Areas].
- 5. Touch the preferred Avoid Area from the list.

Step 1	Step 2	Action
[Edit]	[Move Location]	Display the Avoid Area on the upper screen, and adjust the location of the Avoid Area.
	[Rename]	Change the name of an Avoid Area.
	[Resize Area]	Adjust the range of the Avoid Area.
	[Minimise Motorways]	Set the route to include or not include motorways.
[Delete]	•	Delete Avoid Area.



INFO:

- The Avoid Area is displayed in green if it includes a freeway or in blue if it does not include a freeway.
- If the current vehicle location is set to an Avoid Area, the system will not provide route guidance.

Editing stored route

- 1. Push **<MENU>** and touch [Settings].
- Touch [Navigation] and touch [Edit/Delete Stored Locations].
- 3. Touch [Stored Route Plans].
- 4. Touch the preferred stored route from the list.

Available setting items

• [Rename]:

Change the stored route name.

• [Delete]:

Delete the stored route.

DELETING STORED ITEM

The locations and routes in the Stored Locations 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. Push <MENU> and touch [Settings].
- Touch [Navigation] and touch [Edit/Delete Stored Locations].
- 3. Touch [Delete Stored Items].

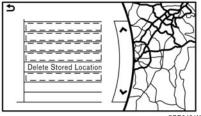
Step 1	Step 2	Action
[Delete Stored Locations]	[Sort]	Sort stored location in [Sort by Entry No.]/[Sort by Name]/[Sort by Icon]/[Sort by Group].
	[Delete All]	Delete all stored locations.
	[Multi Select]	Delete the selected stored locations. To select all the stored items, touch [Select All].
	Stored Locations	Delete the selected stored location individually.
[Delete Stored Route Plans]	[Delete All]	Delete all stored routes.
	Stored Route Plans	Delete the selected stored routes.
[Delete Avoid Areas]	[Delete All]	Delete all Avoid Areas.
	Avoid Areas	Delete the selected Avoid Area.
[Reset Learned Routes] (for Europe)		Delete learned route.

NAVIGATION SETTINGS

Deleting individual item on map

This operation is performed on the upper display.

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



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- 2. Touch [Delete Stored Location]. A confirmation message is displayed.
- 3. Touch [Yes]. The stored location is deleted from the Stored Location.
- 4. Touch [) to return to the previous screen.

TRANSFERRING INFORMATION TO/FROM ADDRESS BOOK

The stored home and addresses data can be exported and imported using a USB memory device.



INFO:

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

The two USB ports are located on the centre console box.

"Media Hub" (page 2-5).

- 1. Insert a USB memory device, push (MENU) and touch [Settings].
- 2. Touch [Navigation] and touch [Edit/Delete Stored Locations1.
- 3. Touch [Transfer Address Book].
- 4. Touch [Transfer Address Book to USB] or [Transfer Address Book from USB].
- 5. Touch [All], [Home Location] or [Stored Locationsl.



NOTE:

Do not remove the USB memory device until the system has completed importing or exporting the data.



INFO:

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

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

- 1. Push **<MENU>** and touch [Settings].
- 2. Touch [Navigation].
- 3. Touch the item you want to set.

Available setting items may vary depending on models and specifications.

[Map & Display View]

Touch to change the map and display the view settings.

"Map view settings" (page 9-10)

[Map Preferences]

Touch to set the map view, orientation, font size or map colour etc.

"Map view settings" (page 9-10)

[POI Icons Displayed on Map]

The facility icons can be displayed or hidden by type.

"Displaying facility icons" (page 9-12)

[Guidance Preferences]

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

"Guidance settings" (page 9-34)

[Route Search Criteria]

It is possible to set the condition for the route search.

"Route Settings" (page 9-36)

[Traffic Info Settings]

Display a list of traffic information.

"Viewing available traffic information" (page 9-38)

[Safety Guide Settings]

Setting item	Action
[Speed Limit Info]	Display speed limit
	information.
[Speed Trap Warning]	Display speed trap warn- ing on the right side of
	ing on the right side of
	the map screen.

[Edit/Delete Stored Locations]

Touch to edit stored items and Avoid Areas.

"Storing a location/route" (page 9-41)

[Delete History]

Touch to delete previous destinations from the map data.

[Safety Guide]

Setting item		Action
[Multiple Selection]	Select from a list	Select to delete the previous destination.
	[Select All]	Select all previous destinations to delete.
	[Delete]	Clear the selected previous destination.
Touch the preferred previous destination from the list.		Delete the previous destination.
[Previous Starting Point]		Delete the previous start point.
[Delete All]		Delete all previous destinations.

[Other Settings]

Setting item		Action	
[Small Step Zoom With Dial]		Touch to turn the free zoom function on/off. With the free zoom turned on, the scale levels can be adjusted in smaller steps than with normal scale adjustment.	
	[RDS-TMC Icon]		
[Map Scrolling	[Destination/Waypoint Icon Info] (for Europe)	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.	
Information]	[Latitude/Longitude Info]	"Displaying map scrolling information" (page 9-12)	
	[Stored Location Icon Info]		
[Customise Nearby Places]	Nearby Places List (Item 1 - Item 5)	Customise the 5 nearby categories to show the categories that you frequently use.	
	[Restore Default Settings]	Reset the 5 nearby categories that you were setting.	
[Select Satellite Pos. Syst.] (for Russia)		Select navigation satellite system from GPS or GLONASS.	
[Tracking Dots Displayed on Map]	[Show Tracking Dots on Map]	Display a stored tracked route on the map.	
	[Dist. Between Tracking Dots]	Select the tracking dot interval.	
	[Delete Current Tracking]	Delete the stored tracked route.	

9-50 Navigation (where fitted)

[Adjust Current Location]	If the vehicle icon indicating the current vehicle location is not in the correct position, the
[Adjust Current Location]	location of the vehicle icon on the map screen can be adjusted.

[Reset Settings]

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

GENERAL INFORMATION FOR NAVIGATION SYSTEM

CURRENT VEHICLE LOCATION

Display of current vehicle location

This navigation system combines the data obtained from the vehicle (by gyro sensor) and from GPS (Global Positioning System) satellites to calculate the current location of the vehicle. This position is then displayed throughout route guidance to a destination.

What is GPS (Global Positioning System)?

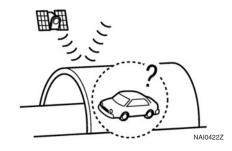
GPS is a position detecting system that uses satellites deployed by the U.S. government. This navigation system receives radio signals from three or more different satellites that orbit 21,000 km (13,049 miles) above the earth in space, and detects the position of the vehicle by utilising the principle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

Positioning adjustment:

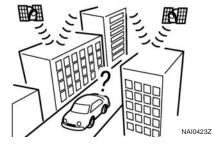
When the system judges that the vehicle position is not accurate based on the vehicle speed and gyro sensor data calculations, the system will automatically adjust the position of the vehicle icon using GPS signals.

Receiving signals from GPS satellites:

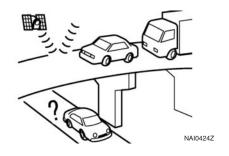
The reception of GPS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GPS signals.



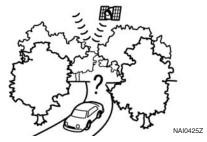
Inside tunnels or parking garages



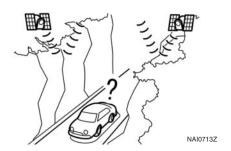
In areas with numerous tall buildings



Under multi-layered highways



In areas with numerous tall trees



In a canyon



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.

What is GLONASS (Global Navigation Satellite System)? (for Russia)

GLONASS is a position detecting system that uses satellites that are operated by the Russian government. GLONASS provides three-dimensional (longitude, latitude and altitude) location information around the globe like GPS (a US-operated navigation satellite system).

Incorrect display of vehicle position

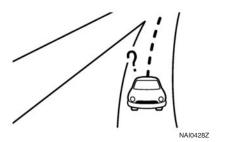
The following cases may affect the display accuracy of the vehicle's position or travelling direction. The accuracy will return to normal if the driving conditions return to normal.



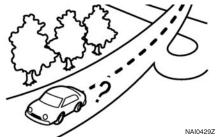
When there is a similar road nearby



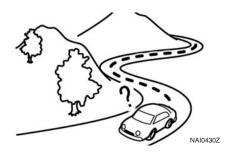
When the vehicle is travelling in an area with a grid pattern road system



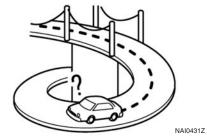
When the vehicle is passing through a large Y-shaped intersection/junction



When the vehicle is travelling on a continuous, slowly curving road



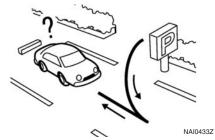
When the vehicle is travelling on a road with repeating S-shaped curves



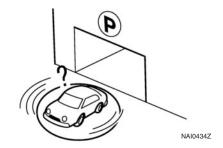
When the vehicle is on a loop bridge



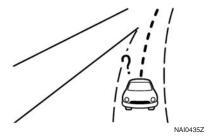
When the vehicle is on a snow-covered or unpaved road



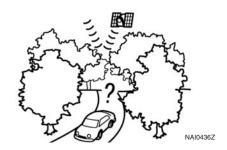
When repeatedly turning left or right, or driving in zigzags



When the vehicle is rotated on a parking lot turntable while the ignition switch is off



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



- The vehicle icon may be misaligned when starting the vehicle just after starting the engine or the hybrid system.
- 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 or GLONASS 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-todate. 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".



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 green.
- If the destination is set on a dark green road, the enlarged map display will switch to the ordinary map screen at some point and suggest a route that is near the destination. The distance and direction to the endpoint of the suggested route will be displayed in the lower right corner of the screen. Also, at this time, voice guidance will announce, "The

route to the destination includes roads through incomplete map areas. Voice guidance will not be provided in these areas."

When approaching the endpoint of the suggested route, voice guidance will announce, "Entering the road with incomplete map data. Use the direction arrow and distance information to proceed to your destination."

To reach the destination, refer to the map screen. Always follow actual roads and regulations and drive safely.

- The suggested route may not be the shortest, nor are other circumstances such as traffic jams considered.
- Because of the inevitable difference in road conditions and circumstances between the time you use this system and the time the information was produced for the map data, there may be discrepancies in roads and regulations. In such cases, actual road conditions and regulations take precedence over map data information.
- During route calculation, the map will not scroll, however the vehicle icon will move according to the actual vehicle's movement.
- During route calculation, buttons such as (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.
- If waypoints are set, the system calculates routes between waypoints simultaneously, and the following may result.
 - If one section between waypoints cannot be calculated, none of the route will be displayed.
 - The route may require a U-turn close to some waypoints.
- 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 pay attention to 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 freeway preference is set to off, a route that uses the freeway may be suggested.
- Even if the ferry preference is set to off, a route that uses a ferry line may be suggested.

ROUTE GUIDANCE

Repeating voice guidance

This function is available throughout route guidance, from the time after the route calculation is completed until the vehicle arrives at the destination. Push and hold **<MAP/VOICE>**. Voice guidance will be repeated.



INFO:

If <MAP/VOICE> is pushed and held when the vehicle is deviating from the suggested route and when the automatic reroute function is off, voice guidance will announce, "Proceed to the highlighted route."

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

Notes on voice guidance

- Voice guidance in this system should be regarded as a supplementary function. When driving the vehicle, check the route on the map and follow the actual roads and traffic regulations.
- Voice guidance is activated only for intersections with certain conditions. There may be cases where the vehicle has to turn, but voice guidance is not provided.
- Voice guidance contents may vary, depending on the direction of the turn and the type of intersection.
- The voice guidance timing will vary depending on the situation.
- When the vehicle has deviated from the suggested route, voice guidance is not available. The system will not announce this. Refer to the map and recalculate the route.

"Recalculating route" (page 9-31)

- Voice guidance may not accurately correspond with road numbers and directions at freeway junctions.
- Voice guidance may not accurately correspond to street names at freeway exits.

- The displayed street names may sometimes differ from the actual names.
- Voice guidance is not available when [Guidance Voicel is turned off.

"Volume settings" (page 2-18)

- Voice guidance will start when the vehicle enters the suggested route. Refer to the map for directions to the starting point of the route.
- When approaching a waypoint, voice guidance will announce, "You have arrived at waypoint 1 (2, 3, 4,...)." Voice guidance will switch to the next section of the route. When voice guidance is not available, refer to the map for directions.
- In some cases, voice guidance ends before arrival at the destination. Refer to the destination icon on the map to reach the destination.
- If the system recognises on which side the destination (waypoint) is located, voice guidance will announce "on the right/left" after announcing the arrival at the destination.
- Voice guidance may be partially operational or inoperative due to the angle of roads at an intersection.
- Motorway lane information is available only for the limited major motorways, and guidance is not available for all junctions and exits.
- Motorway exit information may differ from the information on the actual exit signs.

 Because it is not possible to use data regarding 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 an 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 the map data requires updating.
- Never analyse, modify, delete or format the map data. Doing so may cause improper operation of the device.
- The SDHC card that is exclusively used for this device will 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.



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 re-inserting the SD card containing map data into the slot, place the ignition switch in the OFF position and then place back in the ON position again.

How to order map data updates

To order updated map data, contact an INFINITI Centre or qualified workshop.

About map data

For Europe:

1. This map data has been prepared by CLARION CO., LTD. (CLARION), under licence from HERE. 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.
- 3. Reproducing or copying this map software is strictly prohibited by law.

Published by Clarion Co., Ltd.

Manufactured by ZENRIN CO., LTD.

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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 an hazardous or illegal manoeuvre, place you in an 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 dis-

- plays 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 stations, 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.
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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 an 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, in any location affected by direct sunlight or in a moist environment. Doing so may damage or deform the SD card.
- Do not use any conventional cleaner, benzine, thinner or antistatic spray.
- Do not use SD cards in any location where static electricity or electric noise will adversely affect the SD cards. This may cause corruption or loss of data.
- 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.

10 Voice recognition

INFINITI Voice Recognition system	10-2
Using Voice Recognition system	10-2
Before starting	10-2

Giving voice commands	. 10-2
Voice recognition settings	10-15

USING VOICE RECOGNITION SYSTEM

Initialisation

The voice recognition system will activate a few seconds after the ignition switch is turned on. Once activation is complete, you can start using the system by pushing < (> on the steering wheel and speaking voice commands.

BEFORE STARTING

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

- The interior of the vehicle should be as quiet as possible. Close the windows to eliminate surrounding noises (traffic noise and 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 voice recognition system can only be operated in the languages that are supported by the voice recognition system.
- Available voice commands may vary depending on the language setting.

- Models with navigation system:
 - The navigation system related commands can only be used within the area where the map data is included in the navigation system.
 - To use navigation system related commands, the language that is officially spoken in the country of the destination must be selected in the language setting. Destination commands are mostly only available in the languages that are mainly spoken in the country.

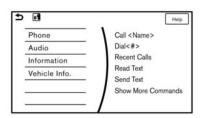
"Language and unit settings" (page 2-19)

"Command list" (page 10-6)

 Destination setting from address cannot be performed when the language setting is set to Russian.

GIVING VOICE COMMANDS

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



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

When this screen is displayed, almost all of the commands can be recognised. Available commands for each categories can be shown on the right side of the screen. Highlight a category listed in the left side of the screen with the INFINITI controller or the steering wheel switch to find your preferred command.



INFO:

Selecting a category by touching the screen or pushing **() () () () () ()** will execute the command. After executing the category command, only the commands related to the selected category can be recognised.

"Command list" (page 10-6)



INFO:

The Voice Recognition system will pause operation when < [/ OK) on the steering wheel is tilted up or down or the INFINITI controller is moved. To resume operation, push < (>) on the steering wheel.

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



NFO:

To cancel the voice command, push and hold < √⟨ >. Voice commands can also be cancelled by touching the Lower touch screen display (lower display).

You can interrupt the voice prompt at any time by pushing $\langle w_k^2 \rangle$.

Operating tips

- Speak a command after the tone.
- If the command is not accepted, the system prompts you to speak the command again. Repeat the command in a clear voice.
- Push n the steering wheel switch once to return to the previous screen.
- To cancel the command, push and hold < √√∠ > or
 ✓ → > on the steering wheel.
- By pushing < (>) on the steering wheel, the voice prompt can be interrupted and a voice command can be spoken without listening to the voice prompt till the end. Remember to wait for the tone before speaking.
- To adjust the volume of the system feedback, push
 I +> on the steering wheel or use the audio system <VOL/ (b) > while the system is making an announcement.

Voice Prompt Interrupt:

By pushing < () on the steering wheel, the voice prompt can be interrupted and a voice command can be spoken without listening to the voice prompt till the end. Remember to wait for the tone before speaking.

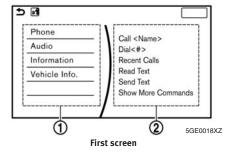
How to see voice command screen

- 1. Push < ᡙ < > to display the first screen of the voice command list.
- Speak a command or select an item from the voice command list. The second screen is displayed.
- Speak a command. The list screen is displayed.
- Speak the preferred number from the list to perform operation.



INFO:

The voice commands can be spoken one at a time following prompts step by step or the command can be spoken successively in one step.

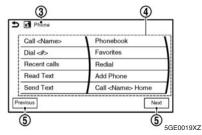


(1) Left side of the screen:

The items on the list can be spoken, touched, or selected using the steering-wheel switches or the INFINITI controller.

(2) Right side of the screen:

The items on the list can be spoken. You can say a command on the left side of the screen and then the right side of the screen one after the other.



Second screen

(3) Previous command:

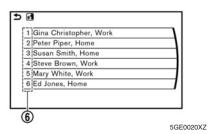
A command previously spoken or selected is displayed.

(4) Command list:

The items on the list can be spoken, touched, or selected using the steering wheel switches or the INFINITI controller. Preferred numbers or words can be spoken within <> in the displayed command.

(5) [Previous]/[Next]:

Say as a command or touch to go to the previous/next screen. This cannot be selected using the steering switch or the INFINITI controller.



List screen

(6) Command numbers:

To select a command, speak a number (1 to 6) on the list. The command can also be touched or selected using the steering wheel switches or the INFINITI controller.

How to speak numbers

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

General rule:

Only single digits 0 (zero) to 9 can be used. (For example, if speaking 500, "five zero zero" can be used, but "five hundred" cannot.)

Examples:

1-800-662-6200

"One eight zero zero six six two six two zero zero"



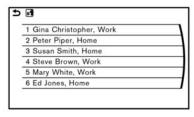
INFO:

- "1-800" as the first digits of the phone number can be pronounced "One eight hundred".
- When the language setting is English (where fitted), speak "zero" for the number "0" and speak "oh" for the letter "o" for the best recognition.

Voice command examples

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

Example 1- Placing call from hands-free phonebook:



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- Push ﴿ إِنْ اللهِ > located on the steering wheel.
- Wait for the indicator to change to and speak "Phone".



INFO:

You can also speak "Phone" and then "Call <Name>" successively.

3. Speak "Call <Name>".

When options (Home, Work, etc.) are registered to a name in the contact list of a mobile phone, the option can be commanded directly.

Example, "Call Steve Brown Work" or "Call Steve Brown Other"

 The system prompts you to speak or select an item number from the displayed list. To select a displayed matching item speak a number from between 1 and 6.



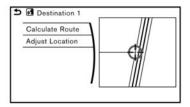
INFO:

If the selected number has more than one phone number registered to it, the phone number list screen is displayed.

Example 2 - Playing radio:

- 1. Push < (> located on the steering wheel.
- Wait for the indicator to change to and speak "Audio".
- 3. Speak "Play FM" to turn on the FM radio.

Example 3 - Setting destination by specifying address (models with navigation system for Europe):



5GH0127XZ

- 1. Push < 11 > located on the steering wheel.
- Wait for the indicator to change to and speak "Navigation".
- 3. Speak "Address".
- 4. Speak the address following prompts.
- Speak an item number (between 1 to 6) from the displayed candidates.
- 6. Speak "Calculate Route" to start calculating a route to the destination.



INFO:

 This operation is not available when the language setting is Russian. Only languages that are officially spoken in the country of the destination can be used for navigation commands.

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 with directly speaking 2nd or 3rd command.

Variable numbers or words such as names can be applied in <> when speaking a command.

General command

Command	Action	
Show More Commands	isplay other commands of the same category.	
Go back	rrect the last recognition result to return to the previous screen.	
Exit	Cancel Voice Recognition.	
Next	Skip to next page.	
Previous	Skip to previous page.	

General phone command

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

Command	Action	
Dial	e system makes a call to spoken phone number.	
Change number	orrect the phone number when it is not recognised (available during phone number entry).	

Phone command

1st command	2nd command	3rd command	4th command	Action
Phone	Call (Name)	(1-6)		Make a call to a contact that is stored on the mobile phone. Select from the list of displayed on the right side screen.
	Call	<pre><phonebook name=""></phonebook></pre>		Make a call to a contact that is stored on the mobile phone.
		⟨phonebook name⟩ ⟨	type>	Make a call to a contact that is stored on the mobile phone. You can select type from (Work), (Mobile), (Home) or (Other).
	Dial <#>	Dial		Make a call to a spoken phone number.
		Change Number		Change the number to call.
	Recent Calls	(1 - 6)		Make a call to the recent incoming, outgoing or missed call number.
	Read Text	(1 - 6)	Play	Listen to recent text messages received.
			Reply	Reply to received message.
			Call	Call the sender of the message.
	Send Text	<pre><phonebook name=""></phonebook></pre>		Select a text message from the list and send it a contact name. You can
	<pre><phonebook name=""> <type></type></phonebook></pre>		type>	select type from (Work), (Mobile), (Home) or (Other).
	Phonebook <pre> <p< td=""><td></td><td>Make a call to a contact that is stored on the mobile phone. You can select type from "Work", "Mobile", "Home" or "Other".</td></p<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>			Make a call to a contact that is stored on the mobile phone. You can select type from "Work", "Mobile", "Home" or "Other".
		<pre><phonebook name=""> <type></type></phonebook></pre>		Select "Reply" to reply by message. Select "Call" to call the sender.

Phone command

1st command	2nd command	3rd command	4th command	Action
Phone	Favourites	<favourite name=""></favourite>		Access frequently called contacts by storing into them in the favourite list.
		<favourite name=""></favourite>		
	Redial			Make a call to the last outgoing phone number.
	Add Phone			Use this command to connect a compatible Bluetooth® device to the system. Follow the on screen instructions to complete the pairing process from your handset.
	Call <name> Work</name>	<1 - 6>		To call someone's work place, say the person's name stored in the phonebook on your mobile phone between "Call" and "Work".
	Call (Name) Mobile	<1 - 6>		To call someone's mobile phone, say the person's name stored in the phonebook on your mobile phone between "Call" and "Mobile".
	Call (Name) Home	<1 - 6>		To call someone's home, say the person's name stored in the phonebook on your mobile phone between "Call" and "Home".
	Call (Name) Other	<1 - 6>		To call someone at a place categorised as "Other", say the person's name stored in the phonebook on your mobile phone between "Call" and "Other".

General navigation command (where fitted)

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

Command	Action	
Calculate Route	Calculate a route.	
Adjust Location	ine-tune the destination.	

Navigation command (where fitted)

1st command	2nd command	3rd command	Action
Navigation	Address (for Europe)		To search for a street address, follow the prompts to enter the street address.
	Nearby <poi category=""></poi>	<1 - 6>	Say "Nearby" followed by a POI category name such as Gas station, Restaurant or Parking. You can say any category name that appears when using manual controls. The system will always search for nearby matches regardless of the current location.
	Nearby (when a destination is set)	Near Current Location	If a route is already set, you can search for a destination from "Near Current Location".
		Along Route	If a route is already set, you can search for a destination from "Along Route".
		Near Destination	If a route is already set, you can search for a destination from "Near Destination".
	Nearby (when a destination is not set)	<1 - 6>	To select a POI category, speak a command number.
	Go Home		Set a route to your home location.
	Previous Destinations	(1 - 6)	Set a route to a previously entered destination.
	Address Book Address Book name>		Set a route to a location stored in the Address Book.

1st command	2nd command	3rd command	Action
Navigation	Cancel Route		Delete destination and waypoints.
		FAST	Set the route search condition that leads to the destination the fastest.
		ECO (for Europe)	Set the route search condition that is the most energy saving.
	Recalculate Route	SHORT	Set the route search condition to find the shortest distance.
		Minimise motorways (for Russia)	Set the route search condition with a minimum use of motorways.
	Traffic Detour		Set the route search condition to detour traffic jam and traffic accident.
	Zoom In		Increase the magnification of the map.
	Zoom Out		Decrease the magnification of the map.
	Zoom Streets		Change to the street map.
	North Up		Lock the map to make North always point up.
	Heading Up		Lock the vehicle indicator to make it always point up.
	2D Map		Change the current map to 2D map.
	3D Map		Change the current map to 3D map.
	Show <poi category=""> Icons</poi>		Display POI icons on the map.
	Remove <poi category=""> Icons</poi>		Remove POI icons from the map.
	Repeat Instruction		Replay the current navigation guidance.
	Voice Guidance OFF / Voice Guidance ON		Turn the navigation guidance on/off.



- $\bullet \quad \text{Some of the navigation commands are not available depending on the language setting.}$
- The command "Address" can be used only in the following languages:

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, Holland, French

Audio command

1st com- mand	2nd command	3rd command	Action
Audio	AM		Switch to the AM band, selecting the station last played.
	FM		Switch to the FM band, selecting the station last played.
	DAB (for Europe)		Change the audio source to DAB radio, selecting the station last played.
	USB		Turn on the USB mode, selecting the last played mode.
	iPod		Turn on the iPod mode, selecting the last played mode.
	Play	AM	Turn on the AM band, selecting the station last played.
		FM	Turn on the FM band, selecting the station last played.
		USB	Turn on the USB mode, selecting the last played mode.
iPod CD		iPod	Turn on the iPod, selecting the last played mode.
	CD	Turn on the CD, selecting the last played mode.	
	Bluetooth® Streaming Audio	Turn on Bluetooth® Streaming Audio, selecting the last played mode.	
		AUX	Turn on AUX audio, selecting the last played mode.
	Play (Source Name)		Play the selected audio source.
	USB Play Artist	<1 - 6>	Turn on the USB mode, selecting the artist.
	iPod Play Artist <name></name>	<1 - 6>	Turn on the iPod mode, selecting the artist.
	USB Play Artist	<artist></artist>	Turn on the USB mode, selecting the artist.
	iPod Play Artist	⟨artist⟩	Turn on the iPod mode, selecting the artist.

1st com- mand	2nd command	3rd command	Action
Audio	USB Play Album <name></name>	<1-6>	Turn on the USB mode selecting the album.
	iPod Play Album <name></name>	<1-6>	Turn on the iPod mode selecting the album.
	USB Play Album	⟨album name⟩	Turn on the USB mode, selecting the album.
	iPod Play Album	∢album name>	Turn on the iPod mode, selecting the album.
	USB Play Song <name></name>	<1 - 6>	Turn on the USB mode, selecting the track.
	iPod Play Song «Name»	<1 - 6>	Turn on the iPod mode, selecting the track.
	USB Play Song	⟨song⟩	Turn on the USB mode, selecting the track.
	iPod Play Song	⟨song⟩	Turn on the iPod mode, selecting the track.
	iPod Playlist <name></name>	<1 - 6>	Turn on the iPod, playing the playlist which you said.
	iPod Play Playlist	<playlist></playlist>	Turn on the iPod, playing the playlist which you said.
	USB All Artists		Display USB all artists list.
	iPod All Artists		Display iPod all artists list.
	USB All Albums		Display USB all albums list.
	iPod All Albums		Display iPod all albums list.
	USB All Folders		Display USB all folders list.
	iPod All Songs		Display iPod all songs list.

Notes on operating audio by voice recognition:

- An audio device connected via Bluetooth® cannot be operated with the Voice Recognition system.
 Source change is only available for Bluetooth® Audio.
- Song title and Artist name information will be overwritten when another iPod/iPhone is connected after song titles and artist names in the previously connected iPod/iPhone have been installed.
- If two USB devices are connected at the same time, voice operation will only be available for use with one registered and selected device. When selecting [YES] in the pop-up screen that displays after a new USB audio device is connected, the USB audio device is registered in the voice recognition system and is selected automatically. One iPod and one USB device can be registered in the system. If a USB audio device is newly registered, old data is overwritten. It may take a few moments to register an audio device. If you want to enable voice operation for music stored on a previously registered audio device, select the device you want to use in advance.

"Voice recognition settings" (page 10-15)

Even when a device has been previously registered, simply connecting the device will not result in it being selected automatically.

 The Voice Recognition system may not function when the song information is too long (artist names, album titles, song titles and playlists, etc.).

Information command

1st command	2nd command	Action
Information	Where am I?	Display information regarding the current location.
	Traffic Information	Turn the traffic information system on/off.
	Route Information	Display route information.

Vehicle information command

1st command	2nd command	Action
Vehicle Info.	Fuel Economy	Display fuel economy information on the upper display.
	Energy Flow (hybrid models)	Display energy flow information on the upper display.

VOICE RECOGNITION SETTINGS

Voice recognition functions can be set.

- 1. Push **<MENU>** and touch [Settings].
- 2. Touch [Voice Recognition Settings].
- 3. Touch the item you want to set.

Available settings

- [Minimise Voice Feedback]:
 - Set the Minimise Voice Feedback function on (short feedback) or off (long feedback).
- [Audio Device Setting]:

Select an audio device to be operated via voice recognition system from the list of devices registered to the in-vehicle audio system. The device with an indicator light illuminated can be operated with voice recognition system.

11 Troubleshooting guide

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CUSTOMER ASSISTANCE

For assistance or inquiries about Infiniti InTouch, or to order updated map data for the navigation system (where fitted), contact an INFINITI Centre or qualified workshop.

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. "Screen settings" (page 2-16)
The screen is too bright.	Screen brightness is set to the maximum brightness.	Adjust the brightness setting of the screen. "Screen settings" (page 2-16)
A small black spot or a small bright spot appears on the screen.	This is a phenomenon typical to 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 phenomenon typical to liquid crystal displays.	This is not a malfunction.
Image motion displayed on the screen is slow.	The cabin temperature is below 0°C (32°F).	Wait until the in-cabin temperature rises to above 0°C (32°F).
When looking at the screen from an angle, the screen lightens or darkens.	This is a phenomenon typical to liquid crystal displays.	Adjust the brightness setting of the screen. "Screen settings" (page 2-16)
The screen turns blue or an error message is displayed on the upper display.	The SD card is not inserted into the slot correctly.	If the SD card containing map data is accidentally removed, place the ignition switch in the OFF position after re-inserting the SD card containing map data into the slot.
	A system malfunction has occurred.	Contact an INFINITI Centre or qualified workshop for inspection.

AUDIO SYSTEM

AM RADIO

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

DAB RADIO (where fitted)

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.
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.

11-6 Troubleshooting guide

Symptom	Possible cause	Possible solution
[SERVICE UNAVAILABLE] is displayed on the	The selected service or ensemble is not in service.	Select a different service or ensemble.
screen.		



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 has accumulated 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.	Wipe off any dirt from the disc. Scratched discs cannot be recovered. Replace 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.).	Replace 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.
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 compressed audio files cannot be played back.	Prepare a disc that contains 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" file extensions.
There is a gap 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 on 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 although the CD play time is displayed.	The system is playing the first track of a 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 music data in other tracks.
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 has been given an extension of ".MP3", ".WMA", ".mp3" or ".wma".	Prepare MP3/WMA files.
	Some of the file cannot be played due to copyright protection.	Prepare playable files.
The tracks do not play in the desired order.	The folder locations on the disc are changed by the writing software while the files are written on the disc.	Check the settings of the writing software and create a new disc.

IPOD PLAYER

Symptom	Possible cause	Possible solution
The system does not recognise an iPod.	The 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 performing the procedure above, reset the iPod.
	The iPod that is to be connected is not compatible with the system.	Check the iPod model and firmware versions available for the system.
	The 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 connector.	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 discon- necting the iPod from the system, and then con- nect it to the system again.
	The iPod is not operating normally.	Disconnect and re-connect the iPod to the in-vehicle audio system.
	The system plays back an album/track that includes particular album art.	Disconnect the iPod from the in-vehicle audio system and then reset the iPod. Disable the album art and then re-connect the iPod to the system.
An iPod does not respond.	There are too many tracks in a category.	Decrease the number of tracks in a category (less than 3,000 tracks).
	The shuffle function is turned on.	Turn off the shuffle function if many tracks are stored on the iPod.
Music cannot be played back.	The connector is not connected to the iPod.	Firmly connect the connector until it clicks.
Music stops playing.	The sound cuts off due to vibration resulting from the iPod being in an unstable location.	Place the iPod in a stable location.
The sound is distorted.	The EQ (equalizer) function of the iPod is turned on.	Turn off the EQ (equalizer) function.

11-10 Troubleshooting guide

Symptom	Possible cause	Possible solution
The iPod battery requires more time than usual to charge.	Charging the iPod battery may take longer while the iPod is playing.	Stop playing the iPod while charging.
An iPod cannot be charged while connected to the system.	The cable connected to the iPod may be deteriorated (cable disconnection, etc.).	Check the cable.
The connected iPod cannot be operated with the in-vehicle system.	iPod device recognition by the system is incomplete.	Operate after device recognition by the system is complete.
The sound skips.	Surrounding circumstances (noise, etc.) may cause the audio to skip.	This does not indicate a malfunction.
	The USB extension cable is not correctly connected.	Do not use a USB extension cable.

USB MEMORY

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.
	Connection or disconnection operation of the USB device was too abrupt.	Connect or disconnect the USB device slowly.

BLUETOOTH® STREAMING AUDIO

Symptom	Possible cause	Possible solution
Registration cannot be performed.	The Bluetooth® streaming audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® streaming audio Owner's Manual.
	The PIN code is incorrect.	Check the PIN code for the Bluetooth® streaming audio device that is to be registered.
		Check that the PIN code for the Bluetooth® streaming audio device is consistent with that for the invehicle audio system.
	Another Bluetooth® device is used in the vehicle.	Turn off the other Bluetooth® device and wait until registration is completed.
Music cannot be played.	The Bluetooth® streaming audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® streaming audio Owner's Manual.
	The system is not in the Bluetooth® streaming audio mode.	Push <audio></audio> to select the Bluetooth® streaming audio mode.
	The Bluetooth® adapter is turned off.	Turn on the Bluetooth® adapter when it is used for a Bluetooth® streaming audio device.
Music stops playing.	The Bluetooth® streaming audio device is not compatible with the in-vehicle audio system.	For Europe: Visit www.infiniti.eu/ownership/bluetooth.html and search for a recommended Bluetooth® streaming audio device. Except for Europe: Consult an INFINITI Centre or qualified workshop for details regarding the Bluetooth® streaming audio device compatibility.
	A mobile phone is connected.	This is not a malfunction.
	The sound may cut off when a Bluetooth® streaming audio device is operated.	Push <audio< b=""> to select the Bluetooth® streaming audio mode, and then operate the device on the vehicle's display screen.</audio<>

Symptom	Possible cause	Possible solution
Audio operation cannot be performed.	A Bluetooth® streaming audio device that does not support audio operations is in use.	This is not a malfunction. Refer to the owner's manual for the Bluetooth® streaming audio device.
	An error occurs when connecting to a Bluetooth® streaming audio profile.	Turn the power source of the Bluetooth® streaming 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 invehicle hands-free phone system.	Use a mobile phone compatible with the system. Ask an INFINITI Centre or qualified workshop for information regarding model compatibility.
	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 becomes disconnected after registration is complete.	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 hand-free phone system. Do not place the mobile phone close to the seats or your body.
	Registration of the mobile phone is not complete.	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 network 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.	Reboot the mobile phone to reset the connection.

Symptom	Possible cause	Possible solution
The system does not recognise the connection of a mobile phone and cannot receive or make a call.	The mobile phone is not compatible with the invehicle hands-free phone system.	For Europe: For model compatibility visit http://infiniti.eu/ ownership/bluetooth.html or consult an INFINITI Centre or qualified workshop. Except for Europe: Use a mobile phone compatible with the system. Ask an INFINITI Centre or qualified workshop for information regarding model compatibility.
	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.
Registered voice tag is cut short.	Speaking of the voice tag did not fit within the 5 second recording period after the beep.	Speak the voice tag within 5 seconds after the beep.
The other party cannot hear your voice. The other party can hear your voice, but it cracks	The mobile phone is not connected.	Check the registration procedure, and then register the mobile phone again.
or cuts out.	The fan speed of the air conditioner is too fast.	Decrease the fan speed of the 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, and then speak a command.
	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.

Symptom	Possible cause	Possible solution
When a mobile phone is operated to make a call, the hands-free function is no longer available.	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.
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 (where fitted) and the screen on a mobile phone. Making or receiving a call is unavailable even though the antenna display indicates 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.	This is not a malfunction.
Noise is heard when using a mobile phone under/near areas of elevated railroads, high voltage electric power cables, traffic signals, or 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.
The sound skips.	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.	Re-register the Bluetooth® pairing information after deleting the pairing information from both the mobile phone and the vehicle system.

MONITOR SYSTEM (where fitted)

Symptom	Possible cause	Possible solution
The image on the display is not clear.	The camera lens is dirty.	Gently wipe off the dirt with damp soft cloth.
	Water from rain, snow, or fog, etc. is on the camera lens.	Gently wipe off the drops with a soft cloth.
	Lights such as sunlight or a headlight beam from another vehicle directly enters the camera.	This is not a malfunction. The image will recover when the light disappears.
	There is moisture in the camera lens due to rapid temperature change.	This is not a malfunction. It will return normal operation after driving for a short period of time.
	Objects on the display may not be clear in a dark place or at night.	Adjust the brightness or the contrast settings of the screen.
The image on the display flickers.	The vehicle is under fluorescent light.	This is not a malfunction.
The colours of the objects on the display look different from those of the actual object.	This is a typical phenomenon for cameras.	This is not a malfunction.
Images do not appear on the display.	The shift lever is not shifted to the R position.	Shift the shift lever to the R position.
	The [Automatic display] setting is turned off.	Turn on the [Automatic display] setting.
The image appears on the display from the wrong angle.	The rear boot is open.	Close the rear boot.
The image on the display is not clearly visible.	Strong light or reflected light enters the camera.	This is not a malfunction.
The sensor does not detect objects.	There is ice or snow on the sensor.	Remove the ice and snow with warm water.
	There is dirt, mud or wax on the sensor.	Gently wipe off the dirt with damp soft cloth.
Vertical lines appear on the image.	Strong reflected light from the bumper enters the camera.	This is not a malfunction.

NAVIGATION (where fitted)

BASIC OPERATIONS

Symptom	Possible cause	Possible solution
No image is displayed.	The brightness is at the lowest setting.	Adjust the brightness of the display.
		"Screen settings" (page 2-16)
	The display is turned off.	Push the and hold (MENU) to turn on the display.
No voice guidance is available.	The volume is not correctly set or the sound is turned off.	Adjust the volume of voice guidance.
The volume is too high or too low.	Voice guidance is not provided for certain streets (roads displayed in grey).	This is not a malfunction.
The map does not appear on the screen.	A screen other than the map screen is displayed.	Push <map voice=""></map> .
The screen is too dim. The movement is slow.	The temperature in the interior of the vehicle is low.	Wait until the interior of the vehicle warms 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 driving.	Park the vehicle in a safe location, and then operate the navigation system.

NAVIGATION DISPLAY

Symptom	Possible cause	Possible solution
Names of roads and locations in 2D map and Birdview™ do not match.	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 the 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 vehicle icon is not displayed in the correct position.	The vehicle was transported after the power switch was pushed off, for example, by a ferry or vehicle transporter.	Drive the vehicle for a period of time on a road where GLONASS (for Russia) or GPS signals can be received.
	The position and direction of the vehicle icon may be incorrect depending on the driving environment and the level 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 9-52)
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.	Update the navigation system with new map data.
The screen does not switch to the night screen even after the headlights are turned on.	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. "Screen settings" (page 2-16)
The map does not scroll even when the vehicle is moving.	The current location map screen is not displayed.	Push <map voice=""></map> .
The vehicle icon is not displayed.	The current location map screen is not displayed.	Push <map voice=""></map> .

Symptom	Possible cause	Possible solution
The location of the vehicle icon is misaligned from the actual position.	The speed sensor may not be able to calculate correct vehicle location when tyre chains are used or the tyres have been replaced.	Drive the vehicle for a period of time (at approximately 30 km/h (19 MPH) for about 30 minutes) without tyre chains to automatically correct the vehicle icon position. If this does not correct the vehicle icon position, contact your INFINITI Centre or qualified workshop.
	The map data is out of date.	Update the navigation system with new map data.

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 return to the waypoint, edit the route.
Route information is not displayed.	Route calculation has not yet been performed.	Set the destination and perform route calculation.
	The vehicle is not on the suggested route.	Drive on the suggested route.
	Route guidance is turned off.	Turn on route guidance.
	Route information is not provided for certain types of roads (roads displayed in dark green).	This is not a malfunction.
The auto reroute calculation (or detour calculation) suggests the same route as the one previously suggested.	Route calculations took priority conditions into consideration, but the same route was calculated.	This is not a malfunction.
A waypoint cannot be added.	Five waypoints are already set on the route, including ones that the vehicle has already passed.	A maximum of 5 waypoints can be set on the route. To go to 6 or more waypoints, perform route calculations multiple times as necessary.
	[Start] must be selected for route calculation after waypoints are selected from the [Edit Route] screen.	Touch [Start] after selecting waypoints.
The calculated 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 from each other.	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 9-36)
A part of the route is not displayed.	The suggested route includes narrow streets (roads displayed in grey).	This is not a malfunction.

11-22 Troubleshooting guide

Symptom	Possible cause	Possible solution
The part of the route that the vehicle has already passed is deleted.	A route is managed by sections between waypoints. If the vehicle passed the first waypoint, the section between the starting point and the waypoint is deleted (it may not be deleted depending on the area).	This is not a malfunction.
An indirect route is suggested.	If there are restrictions (such as one-way streets) on roads close to the starting point or destination, the system may suggest an indirect route.	Adjust the location of the starting point or destination.
	The system may suggest an indirect route because route calculation does not take into consideration some areas such as narrow streets (grey roads).	Reset the destination to a main or ordinary road, and recalculate the route.
The landmark information does not correspond to the actual information.	The map data is out of date.	Update the navigation system with new map data.
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 intersections marked with ? . In some cases, voice guidance is not available even when the vehicle makes a turn.	This is not a malfunction.
	The vehicle has deviated from the suggested route.	Go back to the suggested route or recalculate route.
	Voice guidance is turned off.	Turn on voice guidance.
	Route guidance is turned off.	Turn on route guidance.
The guidance content does not correspond to the actual road conditions.	The content of voice guidance may vary, depending on the types of intersections at which turns are made.	Follow all traffic rules and regulations.

TRAFFIC INFORMATION

Symptom	Possible cause	Possible solution
Traffic information is not displayed.	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. The "Traffic information on map" (page 9-40)
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. "Viewing available traffic information" (page 9-38)

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.

INFINITI INTOUCH SERVICES (where fitted)

Symptom	Possible cause	Possible solution
The system cannot connect to the Infiniti InTouch Operation centre.	A subscription for the Infiniti InTouch Services has not been established.	Sign up for a subscription to the Infiniti InTouch Services. For details about subscriptions, contact the Infiniti InTouch Services support line. "Infiniti InTouch Service website information" (page 8-4)
	The communication line is busy.	Try again after a short period of time.
	The vehicle is in a location where it is difficult to receive radio waves.	When the vehicle moves to an area where radio waves can be transmitted sufficiently, communication will be restored. When the icon on the display shows that the vehicle is inside the communication area, the system can be used.
	TCU (Telematics Control Unit) is not turned on.	If the icon does not show that the vehicle is inside the communication area despite the fact that the vehicle is in that location, contact the Infiniti InTouch Services support line. "Infiniti InTouch Service website information" (page 8-4)
	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.	The vehicle is being driven. Stop the vehicle in a safe location and apply the parking brake before operating the functions.
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.

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 make sure the other occupants are quiet.
	The fan speed of the air conditioner is too fast.	Decrease the fan speed of the air conditioner.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed, and then speak the command.
	The voice command is spoken in a low voice.	Speak the command in a louder voice.
	The command is spoken too fast.	Speak the command after confirming the follow- ing: voice guidance is announced, a tone sounds, and an icon on the screen changes from white 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 white to orange.
	An improper command is spoken.	Speak the command or a number that is displayed in white on the screen.
		Speak a command that is shown in the command list.
The system does not correctly recognise a number spoken.	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 and dial codes, etc.
Voice recognition does not operate, and a tone sounds twice after pushing the < 💖 >.	The () is pushed before the system is ready to accept voice commands.	After turning on Infiniti InTouch, wait for the voice recognition system to be ready before giving voice commands.

11-28 Troubleshooting guide

Symptom	Possible cause	Possible solution
The USB memory device cannot operate with voice recognition.	Depending on the device, an 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 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.
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.
An error message is displayed when trying to select a track and operate the 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 preregistered device has been changed. Wait for the loading to complete (this may take from a few minutes to up to an hour).
	The number of songs stored on the connected audio device exceeds its capacity.	Decrease the number of songs stored on the audio device.
	No song is stored on the audio device.	Store songs on the connected audio device. Storing songs with information such as artist name, album name, song name, and playlist, etc., will make voice recognition song search available.

MEMO

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