NISSAN CONNECT

OWNER'S MANUAL

Thank you for purchasing a NISSAN vehicle.

This user's manual is for the NISSANConnect Audio with Navigation system only.

Please read this manual carefully to ensure safe operation of the NISSANConnect Audio with Navigation system.

- Please read your vehicle Owner's Manual first.
- Due to possible specification and optional equipment changes, parts of this manual may not apply to your vehicle.
- All information, specifications and illustrations in this manual are those in effect at the time of printing. NISSAN reserves the right to change specifications or design at any time without notice.
- Do not remove this manual from the vehicle when selling this vehicle. The next user of the NISSANConnect Audio with Navigation system may need this manual.

Bluetooth® is a trademark owned by Bluetooth SIG, Inc.

iPod® is a trademark of Apple Inc.

iPhone® is a trademark of Apple Inc.

Gracenote® and CDDB are registered trademarks of Gracenote, Inc. The Gracenote logo and logo type, and the "Powered by Gracenote" logo are trademarks of Gracenote.

© 2014 Nissan International SA, Switzerland

Contents

Introduction	1
Getting started	2
Map settings	3
Navigation	4
Audio system	5
Bluetooth system	6
NISSAN Connect App Smartphone Integration	7
Other settings	8
General system information	9
Troubleshooting guide	10
Index	11

1 Introduction

How to use this manual 1-2
For safe operation 1-2
Reference symbols 1-2
Safety note 1-2
Laser product 1-3

This manual uses special words, symbols and icons that are organised by function.
Please refer to the following items to understand how to use this manual properly.

FOR SAFE OPERATION

WARNING:

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

CAUTION:

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

NOTE:

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

REFERENCE SYMBOLS

INFO:

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

Reference page:
Indicates the title and page that you should refer to.

<NAV>:
This is an example of how a button on the control panel will be shown.
[Route]:
This is an example of a key/item displayed on the screen.

This system is primarily designed to help you reach your destination, and it also performs other functions as outlined in this manual. 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.
Before using the navigation system, please read the following safety information. Always use the system as outlined in this manual.

WARNING:

- **When the driver operates the navigation system, first park the vehicle in a safe location and set the parking brake. Using the system while driving can distract the driver and may result in a serious accident. Destinations cannot be set while the vehicle is in motion.**
- **Do not rely on route guidance alone. Always be sure that all driving manoeuvres may be made legally and safely in order to avoid accidents.**
- **Do not disassemble or modify this system. If you do, it may result in accidents, fire or electrical shock.**
- **Do not use this system if you notice any malfunctions such as a frozen screen or the lack of sound. Continued use of the system may result in accidents, fire or electrical shock.**

- If you notice any foreign objects in the system hardware or spilled liquid, or notice smoke or a smell coming from it, stop using the system immediately and contact your nearest NISSAN dealer or qualified workshop. Ignoring such conditions may lead to accidents, fire or electrical shock.

CAUTION:

- Extreme temperature conditions below -20°C (-4°F) and above 70°C (158°F) could affect the performance of the system.

NOTE:

Some local governments may have laws limiting the use of video screens while driving. Use this system only where legal.

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

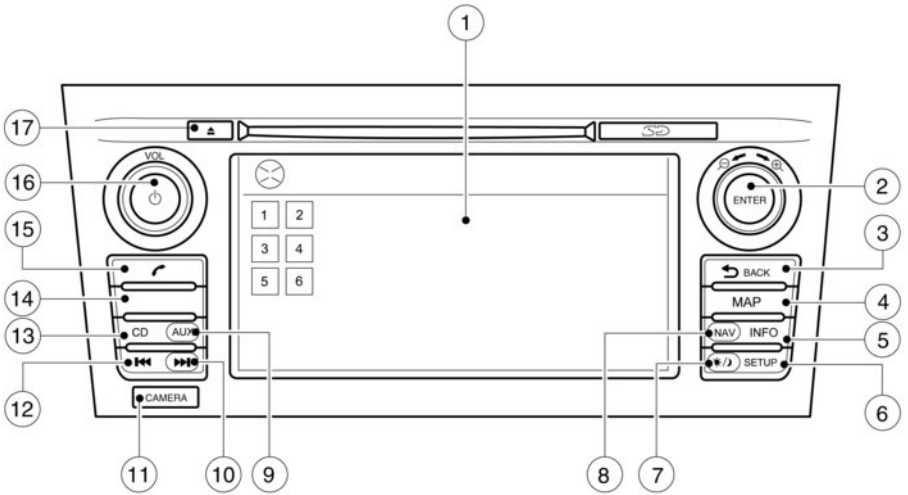
WARNING:

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

MEMO

2 Getting started

Control buttons and functions 2-2
Control panel (Type A)..... 2-6
Control panel (Type B) 2-6
Control panel (Type C) 2-6
Steering wheel switch..... 2-7
Basic operation..... 2-7
Touch screen operation 2-7
Menu screen operation 2-8
How to input characters..... 2-8



NCC0080

Type A

CONTROL PANEL (Type A)

1) Touch screen display
2) **<ENTER>** button/Scrolling or zooming dial:
   Turn to scroll through the items in a list. Press to select a menu item. When a map is displayed on the screen, the dial is used to zoom in and out.
   When the screen is not displaying a map, list or menu, the dial is used to control the audio system.
   Press the dial to select a highlighted item on the screen.
3) **<↩ (BACK)>** button:
   Press to return to the previous screen or to delete the last character entered when using the touch keyboard.
4) **<MAP>** button:
   Press to display the current location map screen.
5) **<INFO>** button:
   Press to access information functions and apps.
   ☞ “NissanConnect App Smartphone Integration” (page 7-2)
   ☞ “INFO button” (page 8-5)
6) **<SETUP>** button:
   Press to access the system settings.
7) Brightness button:
   Press to change the display brightness between day and night modes. While the mode is being displayed, the brightness can be adjusted using the scrolling dial.
   Press and hold for more than two seconds to switch the display to a larger display of the digital clock.
   ☞ “Display settings” (page 8-3)
8) **<NAV>** button:
   Press to access the functions of the Navigation system.
   ☞ “About route guidance” (page 4-2)
9) **<AUX>** button
   ☞ “Audio sources” (page 5-5)

10) ▶▶| (forward) scroll button

☞ “Audio sources” (page 5-5)

11) **<CAMERA>** button
Refer to the vehicle’s owner’s manual.

☞ “Camera display setup (where fitted)” (page 8-3)

12) |◀◀ (rewind) scroll button

☞ “Audio sources” (page 5-5)

13) **<CD>** button

☞ “Audio sources” (page 5-5)

14) **<FM-AM>** or **<RADIO>** button

☞ “Audio sources” (page 5-5)

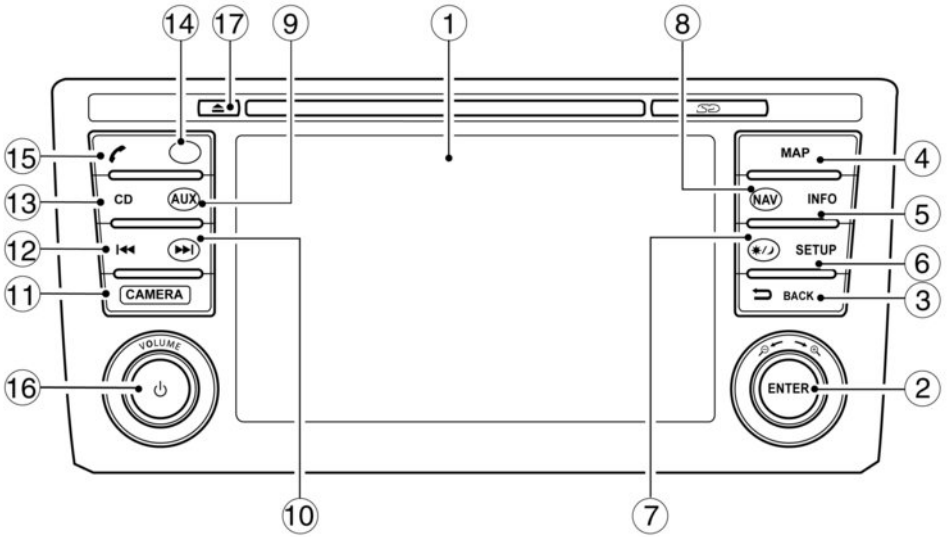
15) Telephone button

☞ “Bluetooth® Hands-Free Phone System” (page 6-2)

16) VOL (volume) control dial/⏻ (power) button:
Rotate clockwise to increase the volume or anticlockwise to decrease the volume.
Press to power the audio system on or off.

17) CD eject button

☞ “EJECT button” (page 5-12)



NCC0082

Type B

CONTROL PANEL (Type B)

1) Touch screen display
2) **<ENTER>** button/Scrolling or zooming dial:
   Turn to scroll through the items in a list. Press to select a menu item. When a map is displayed on the screen, the dial is used to zoom in and out. When the screen is not displaying a map, list or menu, the dial is used to control the audio system.
   Press the dial to select a highlighted item on the screen.
3) **<↩ (BACK)>** button:
   Press to return to the previous screen or to delete the last character entered when using the touch keyboard.
4) **<MAP>** button:
   Press to display the current location map screen.
5) **<INFO>** button:
   Press to access information functions and apps.
   ☞ “NissanConnect App Smartphone Integration” (page 7-2)
   ☞ “INFO button” (page 8-5)
6) **<SETUP>** button:
   Press to access the system settings.
7) Brightness button:
   Press to change the display brightness between day and night modes. While the mode is being displayed, the brightness can be adjusted using the scrolling dial.
   Press and hold for more than two seconds to switch the display to a larger display of the digital clock.
   ☞ “Display settings” (page 8-3)
8) **<NAV>** button:
   Press to access the functions of the Navigation system.
   ☞ “About route guidance” (page 4-2)
9) **<AUX>** button
   ☞ “Audio sources” (page 5-5)
10) ⏭ (forward) scroll button
    ☞ “Audio sources” (page 5-5)

11) **<CAMERA>** button
Refer to the vehicle's owner's manual.

☞ "Camera display setup (where fitted)" (page 8-3)

12) ⏮ (rewind) scroll button

☞ "Audio sources" (page 5-5)

13) **<CD>** button

☞ "Audio sources" (page 5-5)

14) **<FM-AM>** or **<RADIO>** button

☞ "Audio sources" (page 5-5)

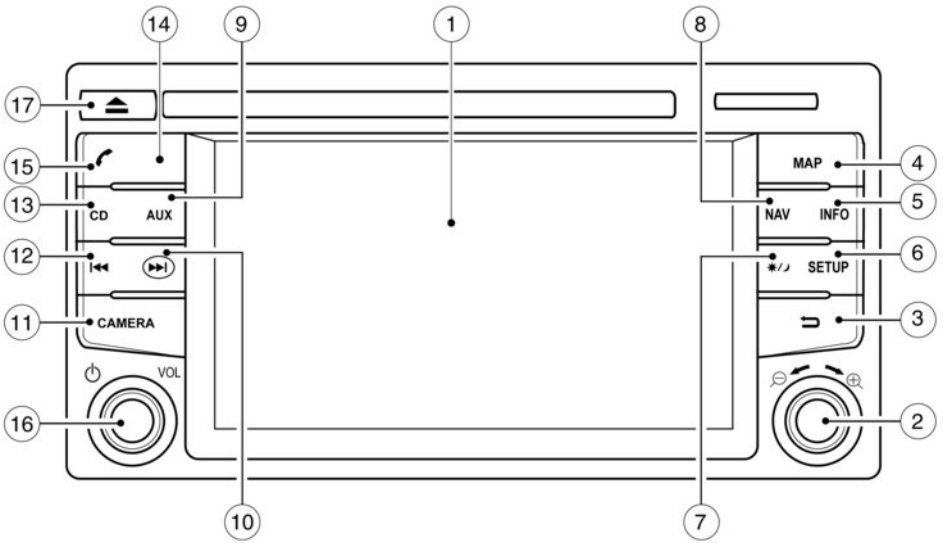
15) Telephone button

☞ "Bluetooth® Hands-Free Phone System" (page 6-2)

16) VOL (volume) control dial/⏻ (power) button:
Rotate clockwise to increase the volume or anticlockwise to decrease the volume.
Press to power the audio system on or off.

17) CD eject button

☞ "EJECT button" (page 5-12)



NCC0081

Type C

CONTROL PANEL (Type C)

1) Touch screen display
2) **<ENTER>** button/Scrolling or zooming dial:
   Turn to scroll through the items in a list. Press to select a menu item. When a map is displayed on the screen, the dial is used to zoom in and out. When the screen is not displaying a map, list or menu, the dial is used to control the audio system.
   Press the dial to select a highlighted item on the screen.
3) **<↩ (BACK)>** button:
   Press to return to the previous screen or to delete the last character entered when using the touch keyboard.
4) **<MAP>** button:
   Press to display the current location map screen.
5) **<INFO>** button:
   Press to access information functions and apps.
   ☞ “NissanConnect App Smartphone Integration” (page 7-2)
   ☞ “INFO button” (page 8-5)
6) **<SETUP>** button:
   Press to access the system settings.
7) Brightness button:
   Press to change the display brightness between day and night modes. While the mode is being displayed, the brightness can be adjusted using the scrolling dial.
   Press and hold for more than two seconds to switch the display to a larger display of the digital clock.
   ☞ “Display settings” (page 8-3)
8) **<NAV>** button:
   Press to access the functions of the Navigation system.
   ☞ “About route guidance” (page 4-2)
9) **<AUX>** button
   ☞ “Audio sources” (page 5-5)
10) ▶▶| (forward) scroll button
    ☞ “Audio sources” (page 5-5)

11) **<CAMERA>** button
Refer to the vehicle's owner's manual.

☞ "Camera display setup (where fitted)" (page 8-3)

12) ⏮ (rewind) scroll button

☞ "Audio sources" (page 5-5)

13) **<CD>** button

☞ "Audio sources" (page 5-5)

14) **<FM-AM>** or **<RADIO>** button

☞ "Audio sources" (page 5-5)

15) Telephone button

☞ "Bluetooth® Hands-Free Phone System" (page 6-2)

16) VOL (volume) control dial/⏻ (power) button:
Rotate clockwise to increase the volume or anticlockwise to decrease the volume.
Press to power the audio system on or off.

17) CD eject button

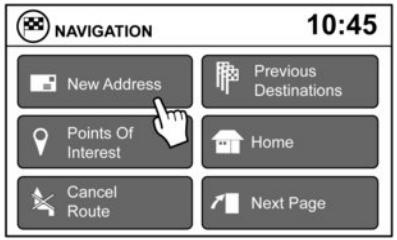
☞ "EJECT button" (page 5-12)

STEERING WHEEL SWITCH

See the separately provided vehicle's Owner's Manual

TOUCH SCREEN OPERATION

The same operations described for the scrolling dial are possible using touch screen operation.



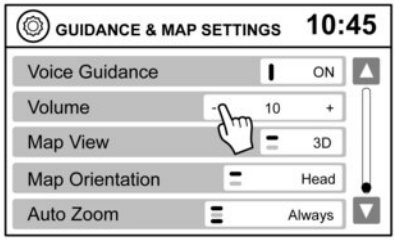
NCC0090

Example

Examples of touch screen operation

Selecting an item:

When any item is touched, the next screen is displayed.

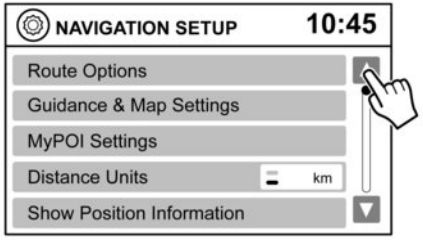


LNV2341Z

Example

Adjusting:

Touch the [+], [-], [>] or [<] key to adjust a setting.



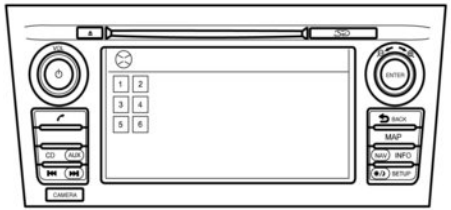
LNV2342Z

Example, items may differ depending upon model

Scrolling through a message or list:

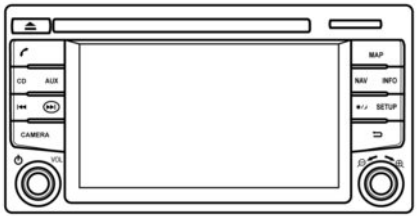
Turn the scrolling dial to scroll through a message or a list. When scrolling a lengthy list, you can also touch the screen and slide your finger along the scroll bar where shown to scroll more quickly. Touching the up or down arrow will move between pages of the list.

MENU SCREEN OPERATION



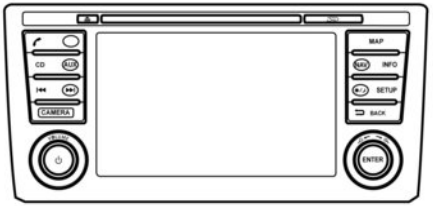
NCC0084

Type A



NCC0085

Type B



NCC0086

Type C

Menu screens and their purpose

Press one of the application buttons to activate the corresponding menu screen:

- **<NAV>** (Navigation)
- **<SETUP>**
- **<INFO>**

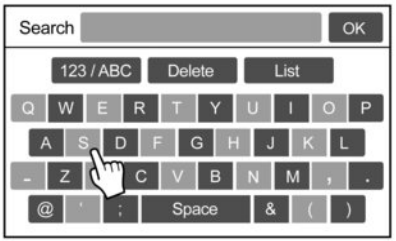
How to select a menu item

1) As an alternative to using the touch screen, turn the scrolling dial clockwise or counter-clockwise to scroll through the menu items until the preferred item is highlighted.
2) To select the preferred item, press the scrolling dial.
3) Press the < **(BACK)>** button. The previous screen will be displayed.

HOW TO INPUT CHARACTERS

Character (letter and number) input screen

Alphanumeric characters are used when setting a destination, searching for an address, editing stored locations, etc.



NCC0091

1) Touch characters on the touch keyboard and they will appear in the field at the top of the screen. When the entry is complete, touch the [OK] key.
   Alternatively, use the scrolling dial to highlight a character and press the dial to select that character.
2) To delete the last entry, touch the [Delete] key or < **(BACK)>** button, holding it will delete all entries at once.
3) After finalizing the entries, touch the [OK] key or touch the [List] key for the completed list screen.

NOTE:

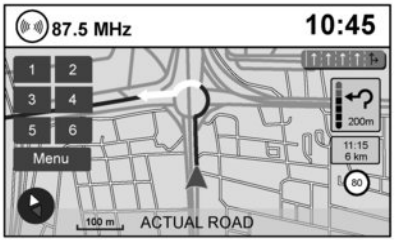
- **Press the < (BACK)> button to delete the last input character or to return to the previous screen if no characters have been input.**
- **On every character entry screen, the touch keyboard will display only the letters that are possible to enter after the current letter.**
- **Symbol and number keys are available when the [123/ABC] key is touched.**
- **Touch the [123/ABC] key to toggle the display between the touch keyboard for letters and the touch keyboard for numbers and symbols.**
- **If a phrase is being entered that has been previously entered into the system, the matched text may appear in white. Touch [OK] to search for the matched text. Touch [List] to search for both the matched text and entered text.**

MEMO

3 Map settings

Map types 3-2
2-Dimensional (2D) view 3-2
2-Dimensional North Up (2DN) view 3-2
3-Dimensional (3D) view 3-2
Screen information (2D, 2DN or 3D) 3-3
Moving a map 3-4
Returning to the current vehicle location 3-4
Map options menu screen 3-5
Changing the map scale 3-6
Map scale 3-6
Looking at information on the map 3-6
Map symbols 3-6
Map settings for the map screen 3-8
Lane information 3-10
Map SD-card 3-10
How to handle the SD-card 3-11
SD-card replacement 3-11
How to order map data updates 3-11
About the map data 3-11
End-user terms 3-12

2-DIMENSIONAL (2D) VIEW



LNV2610Z

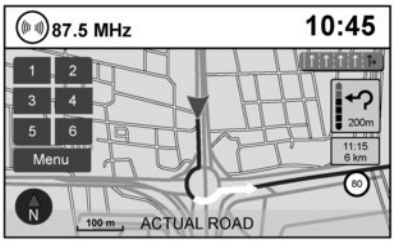
2D

The 2D map is a two-dimensional (flat) representation of the map data, similar to a road map, focused on the vehicle's position (vehicle icon).

☞ "Screen information (2D, 2DN or 3D)" (page 3-3)

☞ "Map settings for the map screen" (page 3-8)

2-DIMENSIONAL NORTH UP (2DN) VIEW

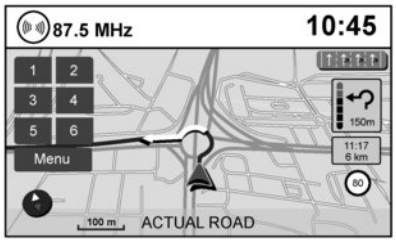


LNV2611Z

2DN

The 2DN map is a two-dimensional (flat) representation of the map data, similar to a road map, focused on the vehicle's position (vehicle icon) with the top of the map aligned North.

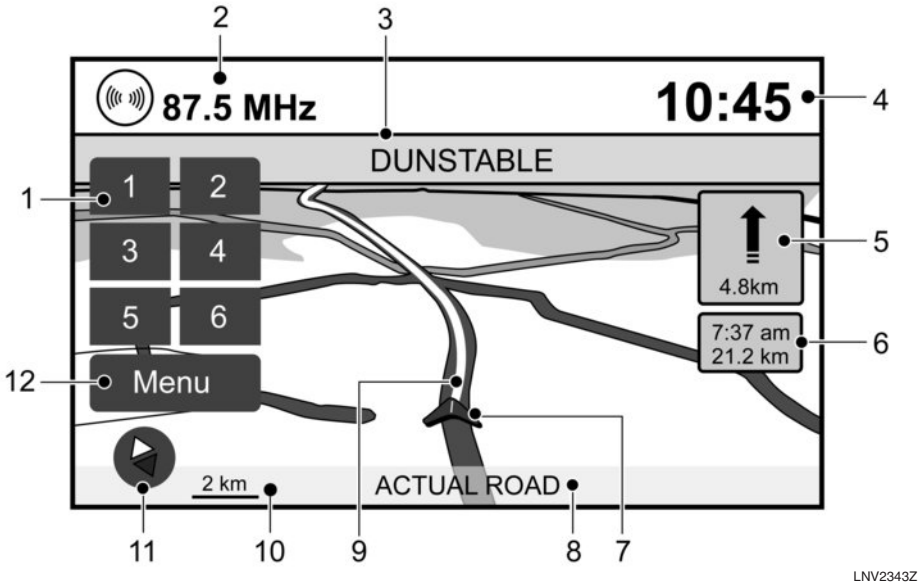
3-DIMENSIONAL (3D) VIEW



LNV2612Z

3D

The 3D map displays the map from an elevated perspective, providing a panoramic view over a long distance.
The map in 3D view always appears with the current forward direction facing up (heading up).



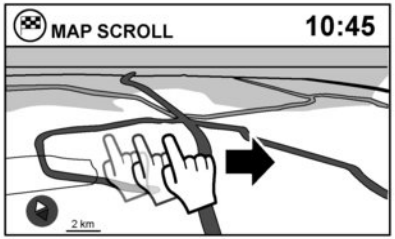
LNV2343Z

SCREEN INFORMATION (2D, 2DN OR 3D)

1) Audio presets
   For more information about the audio system, see the vehicle Owner's Manual.
2) Audio information
   Indicates the radio station, CD track number or other audio information currently playing.
3) Next manoeuvre road name
   Indicates the name of the next road in the route guidance. This is only shown if route guidance is active.
4) Clock
   Indicates the current time.
5) Direction indicator and distance to next manoeuvre on the route
   When route guidance is active but you have deviated from the route, this area displays a compass icon with an arrow indicating the destination direction.
   When route guidance is active and you are on the route, this area indicates the distance (in kilometers or miles) to the next point and the turning direction at that point.
   Touch the direction indicator to repeat the voice guidance.
6) Estimated time of arrival and distance to destination or remaining time of travel and distance to destination.
   Touch this button to switch the indicator between estimated arrival time and remaining travel time. This indicator only appears once the destination is set and the route guidance is initiated. The estimated arrival time may not switch to the estimated arrival time for the destination's time zone if a time zone line is crossed as part of the route.
7) Vehicle icon
   Indicates the current location and direction of the vehicle.
8) Current road indicator
   The location of where the car is positioned.

9) Suggested route
   Appears as a bold blue line during route guidance.
10) Scale indicator
   Indicates the scale of the map.
11) Compass icon
   Indicates the direction of the map. Touch this icon to switch the map view between the North Up, Heading Up (or actual direction) and 3D modes.
12) [Menu] key
   Touch this key to access the map options menu screen.

☞ “Map options menu screen” (page 3-5)



LNV2382Z

To scroll the map in either direction:

1) Touch and release the screen anywhere on the map.
2) Touch the screen again and move your finger along the screen in the direction you wish to scroll.

After releasing and touching the map again, a marker will be displayed at the point touched and, if possible, the position determined.

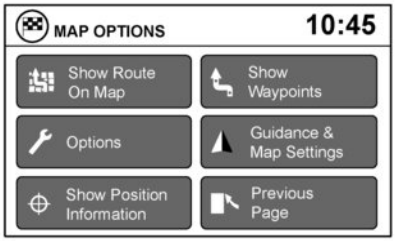
NOTE:

When the current location of the vehicle is recognised, the street name will be displayed at the bottom of the screen. When scrolling a map and an area that is not a road, city or point of interest is touched, coordinates corresponding to the marker’s position are displayed at the bottom of the screen.

RETURNING TO THE CURRENT VEHICLE LOCATION

The basic map screen displays the current location of the vehicle. The current location can be displayed again even after the map is moved, or after the menu screen is displayed.
Press the **<MAP>** button or the **< (BACK)>** button and the current location will be displayed on the map.

LNV2613Z



LNV2624Z

The Map Options menu allows you to quickly store the current position, show position information or destination information, and adjust the map settings.

1) Touch the [Menu] key while the route guidance map is displayed.
2) The following options are available for selection:

- [Enter Destination]
  Select to open the navigation screen for entering an address.
- [Route List]
  Select to display all of the turns and waypoints along the route.
- [Cancel Route]
  Select to cancel entire route or waypoints along route.
- [Quick Stop POIs]
  Select to choose the types of points of interest to display along the active route. Available options are petrol stations, restaurants, ATMs, parking, rest areas, hotels, dealerships and airports.

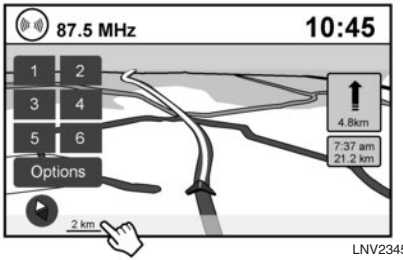
NOTE:

Some places of interest on divided highways may show the equivalent place of interest on the opposite side of the road (such as a rest area) as being closer than the place in your travelling direction. Confirm location of the place before following the route.

- [Traffic Messages]
  Select to display all traffic events on route and options to avoid roads along route.
- [Show Route On Map]
  Select to display the entire route on the screen. The view will zoom to the necessary level in order to show both the starting point and destination on the screen.
- [Options]
  Select to view options available to customise route. Avoiding specific roads, dynamic guidance, route type and minimizing freeways, types of roads and ferries can all be adjusted
- [Show Position Information]
  Select to display the latitude, longitude and altitude for the current position of the vehicle. Location can also be stored to the Address Book.
- [Show Waypoints]
  Select to add or show list of waypoints along route.
- [Guidance & Map Settings]
  Select to toggle guidance information and map settings options.

☞ “Map settings for the map screen” (page 3-8)

CHANGING THE MAP SCALE



LNV2345Z

When zooming in or out with the scrolling dial, the scale on the bottom left side of the screen changes to indicate the new scale level.

MAP SCALE

The following scales are available depending on the map view:

Per approximately 1 cm (1/2 inch)
50 m (150 ft)
100 m (300 ft)
200 m (600 ft)
500 m (1/4 mi)
1 km (1/2 mi)
2 km (1 mi)
5 km (2.5 mi)
10 km (5 mi)
20 km (10 mi)
50 km (25 mi)
100 km (50 mi)
200 km (100 mi)
500 km (250 mi)

LOOKING AT INFORMATION ON THE MAP

Icons of various categories of locations can be displayed on the map.

MAP SYMBOLS

This navigation system uses symbols to display various types of facilities. The following icons (where fitted) may be used on the map screen.

	Hotel/Motel
	Restaurant
	Parking
	Petrol station*

*: If available, some petrol station icons are shown on the map using the manufacturer's logo.

Heavy/Congested Traffic/Traffic Jam

Accident

Construction

Merging

Bad Road

Slippery Road

Snow

Fog/Smog

Storm

Road Closed

Danger/Default

Caution/Radio On

Hospital

Infiniti Dealership

Nissan Dealership

Auto Repair

ATM and Bank

ATM and Bank

Reataurant

Gas Station

Aral Gas Station

BP Gas Station

Esso Gas Station

Exxon Gas Station

Shell Gas Station

Hotel

Campground

Parking/Rest Area

Parking/Rest Area

Parking

Garage Parking

Park & Ride

Park & Ride/Car Rental

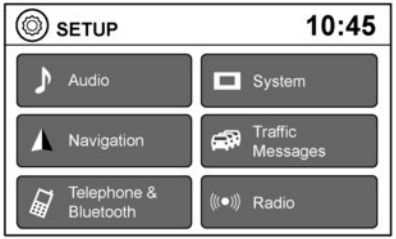
Car Rental/Parking

Car Rental

LNV2468

Examples, symbols may differ depending on model

MAP SETTINGS FOR THE MAP SCREEN



LNV2615Z

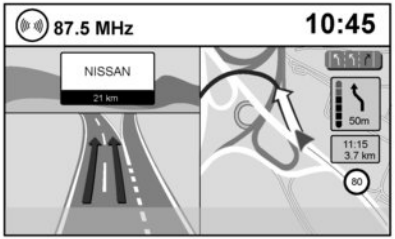
Other settings are available for the map screen, such as switching the map view or changing the map direction.

1) Press the **<SETUP>** button.
2) Touch the [Navigation] key.
3) Touch the [Guidance & Map Settings] key. When selected, the system will offer the map setting options in the following table:

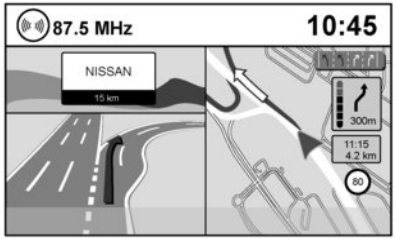
Alternatively.

1) Touch the [Menu] key while the route guidance map is displayed.
2) Touch the [Next page] key.
3) Touch the [Guidance & Map Settings] key. When selected, the system will offer the map setting options in the following table:

Menu Item	Options
[Voice Guidance]	Select to toggle [On] or [Off] the voice guidance on map screen.
[Volume]	Select [+] or [-] to increase or decrease voice guidance volume.
[Map View]	Touch the [Map View] key to toggle between [2D] and [3D] map view.
[Map Orientation]	Touch to toggle display between [Head] and [North] for 2D mode. When [Head] is selected, the screen always shows the map in the driving direction. When [North] is selected, the top of the map is always orientated north. This option can only be selected when the [Map View] is set to 2D.
[Auto Zoom]	Touch the [Auto Zoom] key to choose a setting for automatic zooming. Available settings are [Never], [Always] and [ON with guidance].
[Show POIs On Map]	Select to toggle various map icons on and off including petrol stations, restaurants banks and parking.
[MyPOI Warning]	Select to control alert options. Choose [Off] to disable the alert. Choose [ON] to have the alert displayed on the screen. Choose [ON & Beep] to have an audible beep in addition to the alert displayed on the screen.
[Show Presets On Map]	Select to toggle [On] or [Off] the preset radio station buttons on the map screen.
[Exit View]	Select to toggle [On] or [Off] the split view map when approaching a freeway exit.
[Lane Information]	Select to toggle [On] or [Off] lane information when available.
[Speedlimit Info] (where fitted)	Select to toggle [On] or [Off] the display of speed limit information when available (where fitted).
[Time Display]	Select to control display of estimated time of arrival or trip time remaining.
[Personal Travel Speed]	Select to customise travel speeds on local roads and freeways along route.
[Overspeed Warning] (where fitted)	Select to control the speed limit alert that activates when the vehicle speed is greater than the speed limit information for the current location. Choose [Off] to disable the alert. Choose [ON] to have the alert displayed on the screen. Choose [ON & Beep] to have an audible beep in addition to the alert displayed on the screen.
[Overspeed Threshold] (where fitted)	Select the sensitivity level for the speed limit warning. Choose a value between zero and 30
[Speed Warning for Curves]	Select to control the alert that activates depending on vehicle speed and a curve in the road ahead. Choose [Off] to disable the alert. Choose [On] to have the alert displayed on the screen. Choose [ON & Beep] to have an audible beep in addition to the alert displayed on the screen.
[Distance Units] (where fitted)	Select to toggle [km] or [Miles] for the distance units on the map screen.



LNV2621Z

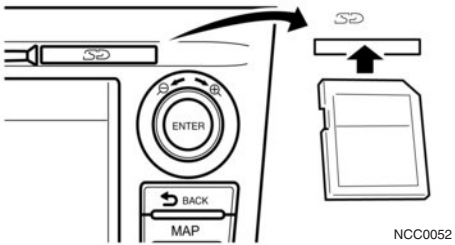


LNV2622Z

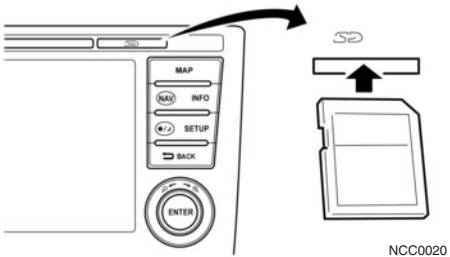
When the vehicle is approaching a junction or interchange, the screen switches to a split view. Lane information is graphically displayed on the left side of the split screen and icons showing the proper lanes for upcoming manoeuvres are shown in the upper right corner below the clock.
The highlighted lanes are those from which the next manoeuvre on the route will be made. Lanes displayed in grey are those that do not follow the route at the upcoming junction or interchange. The icons in the upper right corner also indicate direction and may change as the junction or interchange approaches (for example, straight ahead, to straight and then right).
Once the vehicle passes through the junction or interchange, the screen returns to the previous view.

NOTE:

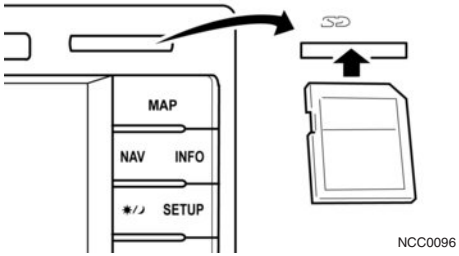
- **Lane information is not available for all areas. It will only be displayed in areas where the necessary map data is available.**
- **The number of lane icons in the upper right corner may change as the junction or interchange approaches due to a difference in the number of available lanes.**



NCC0052



NCC0020



The SD-card slot is located on the front of the unit. When you purchase this system, an SD-card with map data is provided.

NOTE:

- **Before inserting the map SD-card confirm that there is no SD-card already in the slot.**
- **The SD-card slot can only read the SD-card with map data provided specifically for use with the vehicle's navigation system. The system will not read other SD-cards.**
- **If an SD-card with something other than map data (such as music, pictures or movies) is inserted into the slot, the Navigation System will not function. A message will appear prompting for the map SD-card to be reinserted. This message will not appear if the SD-card is removed while in audio mode. The audio mode is not affected by the SD-card.**

HOW TO HANDLE THE SD-CARD

When handling the SD-card, please be careful and adhere to the following instructions:

CAUTION:

- **Handle the SD-card with care. Never touch the metal contacts.**
- **Do not use any conventional cleaner, benzine, thinner, or antistatic spray.**
- **If you need to clean the SD-card use a soft cloth.**
- **Never attempt to use an SD-card that has been cracked, deformed or repaired using adhesive. Doing so may damage the equipment.**
- **Do not try to bend the SD-card. Do not use any SD-card that is bent or cracked.**
- **Do not put on any sticker or write anything on the SD card.**
- **Handle the SD-card carefully to avoid contamination or flaws. Otherwise, the data may not be read properly.**
- **Do not store the SD-card in locations exposed to direct sunlight, or in high temperatures or humidity.**
- **Always place the SD-card in its storage case when not in use.**

SD-CARD REPLACEMENT

For additional SD-cards with map data, contact a NISSAN dealer or qualified workshop.

HOW TO ORDER MAP DATA UPDATES

To order updated map data, contact a NISSAN dealer or qualified workshop.

ABOUT THE MAP DATA

- Robert Bosch GmbH has compiled the digitized map data into a usable format. © 2011 Robert Bosch GmbH all rights in compilation software reserved. Due to the production timing of the map data, some new roads may not be included, or some names and roads may be different from those in use at the time this map data is used.
- Traffic control and regulation data used in this map data may be different from those in use at the time this map data is used. When driving, follow the actual traffic control signs and notices on the roads.
- Reproducing or copying this map software is strictly prohibited by law.

WARNING:

- **This navigation system should not be used to replace your own judgement. No itinerary suggested by this navigation system should ever override any freeway regulations, your own judgement, or a knowledge of safe driving practices. Do not follow the navigation system's suggested itinerary if it would cause you to perform a dangerous or illegal act, place you in a dangerous situation, or take you into an area you consider unsafe.**
- **The advice provided by the navigation system is to be regarded as a suggestion only. There may be times when the navigation system displays the vehicle's location incorrectly, fails to suggest the shortest route, or fails to direct you to your desired destination. In such instances, rely on your own judgement taking into account the driving conditions at the time.**
- **Do not use the navigation system to locate emergency services. The database does not contain a complete listing of emergency services such as police stations, fire stations, hospitals and walk-in clinics. Please show discretion and ask for directions in such instances.**
- **As the driver, you alone are responsible for your driving safety.**
  - **In order to avoid a traffic accident, do not operate the system while driving.**
  - **In order to avoid a traffic accident, operate the system only when the vehicle is stopped at a safe place and the parking brake is on.**
  - **In order to avoid a traffic accident or traffic offence, remember that actual road conditions and traffic regulations take precedence over the information contained on the navigation system.**
  - **The software may contain inaccurate or incomplete information due to the passage of time, changing circumstances, and the sources of information used. Please respect current traffic conditions and regulations at all times while driving.**
  - **Where actual road conditions and highway regulations differ from the information contained on the navigation system, abide by the highway regulations.**
  - **Keep the amount of time spent viewing the screen while driving to a strict minimum.**

The navigation system does not provide, nor represent in any way information on: traffic and highway regulations; technical aspects of the vehicle including weight, height, width, load and speed limits; road conditions including grade, percentage of incline and surface conditions; obstacles such as the height and width of bridges and tunnels; and other current driving or road conditions. Always rely on your own judgement when driving a car, taking into account current driving conditions.

The company trademarks used in this product to identify locations and business offices are the trademarks of their respective owners. Their use does not represent sponsorship, approval or recommendation of this product by these companies.

END-USER TERMS

The data is provided for your personal, internal use only and not for resale. It is protected by copyright, and is subject to the following terms and conditions which are agreed to by you, on the one hand, and NAVTEQ/Robert Bosch GmbH and its licensors (including their licensors and suppliers) on the other hand.

Terms and conditions

WARNING:

Using the map data SD card in any device other than the NISSANConnect unit may damage the SD card and its map data.

Personal Use Only:

You agree to use this Data together with NISSAN Automotive Products for the solely personal, non-commercial purposes for which you were licenced, and not for service bureau, time-sharing or other similar purposes. Accordingly, but subject to the restrictions set forth in the following paragraphs, you may copy this Data only as necessary for your personal use to view it, and save it, provided that you do not remove any copyright notices that appear and do not modify the Data in any way. You agree not to otherwise reproduce, copy, modify, decompile, disassemble or reverse engineer any portion of this Data, and may not transfer or distribute it in any form, for any purpose, except to the extent permitted by mandatory laws.

Restrictions:

Except where you have been specifically licenced to do so by NAVTEQ/Robert Bosch GmbH and without limiting the preceding paragraph, you may not:

a. Use this Data with any products, systems, or applications installed or otherwise connected to or in communication with vehicles, capable of vehicle navigation positioning, dispatch, real time route guidance, fleet management or similar applications;

b. Use this Data with or in communication with any positioning devices or any mobile or wireless-connected electronic or computer devices, including without limitation mobile phones, palmtop and handheld computers, pagers, and personal digital assistants or PDAs.

WARNING:

The Data may contain inaccurate or incomplete information due to the passage of time, changing circumstances, sources used and the nature of collecting comprehensive geographic data, any of which may lead to incorrect results.

No Warranty:

This Data is provided to you “as is,” and you agree to use it at your own risk. NAVTEQ/Robert Bosch GmbH and its licensors (and their licensors and suppliers) make no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise, including but not limited to, content, quality, accuracy, completeness, effectiveness, reliability, fitness for a particular purpose, usefulness, use or results to be obtained from this Data, or that the Data or server will be uninterrupted or error-free.

Disclaimer of Warranty:

NAVTEQ/ROBERT BOSCH GMBH AND ITS LICENSORS (INCLUDING THEIR LICENSORS AND SUPPLIERS) DISCLAIM ANY WARRANTIES, EXPRESS OR IMPLIED, OF QUALITY, PERFORMANCE, MERCHANTABILITY FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

Some countries, local laws, Territories do not allow certain warranty exclusions, so to that extent the above exclusion may not apply to you.

Disclaimer of Liability:

NAVTEQ/ROBERT BOSCH GMBH AND ITS LICENSORS (INCLUDING THEIR LICENSORS AND SUPPLIERS) SHALL NOT BE LIABLE TO YOU: IN RESPECT OF ANY CLAIM, DEMAND OR ACTION, IRRESPECTIVE OF THE NATURE OF THE CAUSE OF THE CLAIM, DEMAND OR ACTION ALLEGING ANY LOSS, INJURY OR DAMAGES, DIRECT OR INDIRECT, WHICH MAY RESULT FROM THE USE OR POSSESSION OF THE INFORMATION; OR FOR ANY LOSS OF PROFIT, REVENUE, CONTRACTS OR SAVINGS, OR ANY OTHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF YOUR USE OF OR INABILITY TO USE THIS INFORMATION, ANY DEFECT IN THE INFORMATION, OR THE BREACH OF THESE TERMS OR CONDITIONS, WHETHER IN AN ACTION IN CONTRACT OR TORT OR BASED ON A WARRANTY, EVEN IF NAVTEQ/ROBERT BOSCH GMBH OR ITS LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some Countries or local laws do not allow certain liability exclusions or damages limitations, so to that extent the above may not apply to you.

Export control:

You agree not to export from anywhere any part of the Data provided to you or any direct product thereof except in compliance with, and with all licences and approvals required under, applicable export laws, rules and regulations.

Entire Agreement:

These terms and conditions constitute the entire agreement between NAVTEQ/Robert Bosch GmbH (and its licensors, including their licensors and suppliers) and you pertaining to the subject matter hereof, and supersedes in their entirety any and all written or oral agreements previously existing between us with respect to such subject matter.

4 Navigation

About route guidance 4-2
Voice guidance during route guidance 4-2
Navigation screen 4-3
Basic operation 4-3
Available setting items 4-3
Setting a destination 4-4
Available destination setting methods 4-4
Setting a destination from a new or street address ... 4-4
Setting a destination from points of interest 4-5
Searching for nearby Points of Interest 4-5
Searching for Points of Interest near current location 4-6
Searching for Points of Interest in another city 4-7
My Points of Interest/User-defined points of interest (POIs) 4-8
Setting a destination from the address book 4-10
Setting a new entry to the address book 4-10
Setting an entry as a destination 4-11
Setting an intersection as a destination 4-11

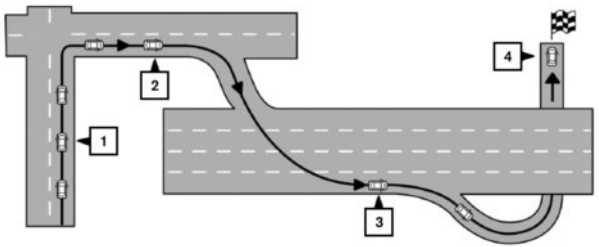
After setting the destination, select [Start] to begin route guidance.
During route guidance, the system navigates you through the guide points using visual and voice guidance.

CAUTION:

- **The navigation system visual and voice guidance is for reference purposes only. The contents of the guidance may be inappropriate depending on the situation.**
- **When driving along the suggested route, follow all traffic regulations (for example, one-way traffic).**

☞ **"Safety information" (page 9-2)**

VOICE GUIDANCE DURING ROUTE GUIDANCE



LNV0943

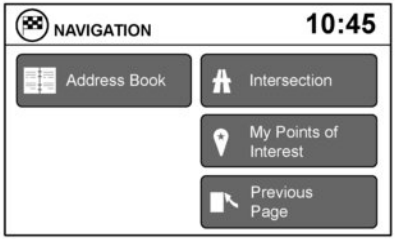
When approaching a guide point (intersection or corner), destination, etc., during route guidance, voice guidance announces the remaining distance and/or turning direction.
Touch the direction indicator on the right side of the screen to repeat the voice guidance.
Example of voice guidance:

1) In about 400 metres (one quarter mile), right (or left) turn. Right (or left) turn ahead.
2) In about 400 metres (one quarter mile) freeway entrance on your right onto (road number and direction). Freeway entrance on your right onto (road number and direction).
3) In about 1.6 kilometres (one mile), exit on your right. Take the second exit on your right.
4) You have reached your destination. Ending route guidance.

Several methods are available to set your destination.

BASIC OPERATION

LNV2603Z



LNV2604Z

1) Press the **<NAV>** button.
2) Select the appropriate destination setting method by touching the screen or scrolling with the scrolling dial.

AVAILABLE SETTING ITEMS

- [New Address]:
  Set and/or save a destination address.
  Several methods are available to set your destination.
  ☞ "Setting a destination" (page 4-4)
- [Previous Destinations]:
  Searches for a destination from the previous destinations in the destination memory.
  Up to 50 previous destinations will be automatically stored. If the number of previous destinations exceeds 50, the oldest one will be removed from the list and the newest one will be added.
  To manually delete a previous destination entry, select an entry from the list and then touch the [Delete] key.
  Touch the [Save] key to add a previous destination to the address book.

  NOTE:

  It is not possible to retrieve deleted previous destination entries.
- [Points of Interest]:
  The system features a database of places such as restaurants, hotels, banks and more to assist you in navigation. These points of interest can be set as destinations and the system can then calculate a route.
- [Home]:
  Your home address can be entered as a destination. If a home location is set, route guidance to the home location is calculated automatically.
- [Route List]:
  Touch [Route List] to display a list of all turns on the active route. Touch an entry to see more detailed information about that entry.
- [Cancel Route]:
  Touch [Cancel Route] to cancel the route guidance.

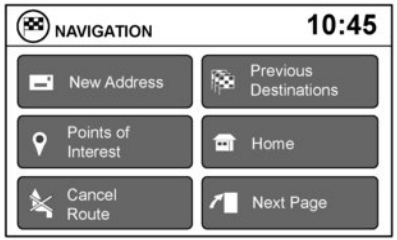
  NOTE:

  If route guidance is not active, [Cancel Route] cannot be operated.
- [Address Book]:
  Touch [Address Book] to access stored addresses.
- [Intersection]:
  Select [Intersection] to designate an intersection of two roads as a destination.
- [My Points of Interest]:
  My Points of Interest are locations entered into the system via the vehicle's USB port.
  ☞ "Setting a destination from points of interest" (page 4-5)

Press the **<NAV>** button.
The methods for setting a destination are shown.
If route guidance is active and you wish to add a waypoint first enter a new destination using the usual methods then you will be prompted to choose between [Use as new destination] and [Add as Waypoint].
Select [Add as Waypoint].

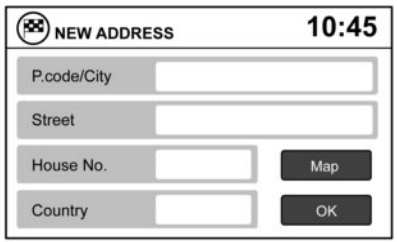
AVAILABLE DESTINATION SETTING METHODS

- [New Address]
  ☞ "Setting a destination from a new or street address" (page 4-4)
- [Points of Interest]
  ☞ "Setting a destination from points of interest" (page 4-5)
- [My Points of Interest]
  ☞ "My Points of Interest/User-defined points of interest (POIs)" (page 4-8)
- [Address Book]
  ☞ "Setting a destination from the address book" (page 4-10)
- [Intersection]
  ☞ "Setting an intersection as a destination" (page 4-11)



LNV2603Z

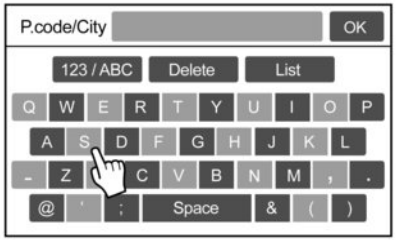
1) Press the **<NAV>** button.
2) Touch [New Address].



LNV2609Z

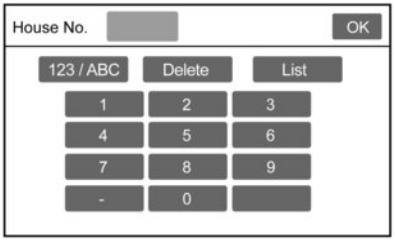
3) Touch [Country] to enter or change the country if the desired country is not automatically displayed.
4) Use the keyboard to enter the name of the country or select a country from the list.
   ☞ "How to input characters" (page 2-8)

   The keyboard has an intelligent spelling setting, so it excludes non-existing combinations. At any time, touch the [List] key to display a list of possible names based on the letters currently entered. When the number of matches is reduced to six or less, a list will be shown automatically. Select a country from the list.
5) Touch [P.Code/City].



NCC0092

6) Use the keyboard to enter the name of the city. The keyboard has an intelligent spelling setting, so it excludes non-existing combinations. Touch [List] to display a list of the possible matches.
7) Touch [Street].
8) Enter the name of the street. The display shows the touch keyboard.
   The keyboard has an intelligent spelling setting, so it excludes non-existing combinations. Touch [List] to display a list of the possible matches.



NCC0093

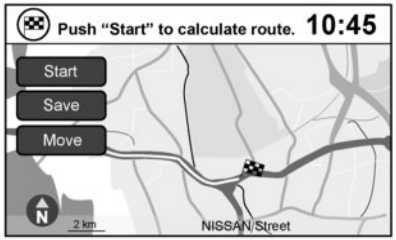
9) If the house number is known and the option is available on the screen, touch [House No.].

10) Enter the house number. The display shows the touch keyboard.

NOTE:

If you choose to skip this step, a default location is chosen by the system and you will have a chance to change this position once the map is displayed. See step 12 for more instructions.

11) Touch [OK] to calculate the route and begin guidance. Or touch [Map] to view the location on the map.



LNV2619Z

12) If [Map] is selected it is possible to alter the destination on the map:

- Touch [Move] to display a map screen that allows you to touch a new location for the destination.
  Touch [Start] when complete.
- Touch [Save] to keep the location in the address book.

  ☞ "Setting a destination from the address book" (page 4-10)
- Touch [Start] to calculate the route and begin guidance.

SETTING A DESTINATION FROM POINTS OF INTEREST

The system features a database of points of interest such as restaurants, hotels, banks and more to assist you in navigation. These points of interest can be set as destinations and the system can then calculate a route.

☞ "My Points of Interest/User-defined points of interest (POIs)" (page 4-8)

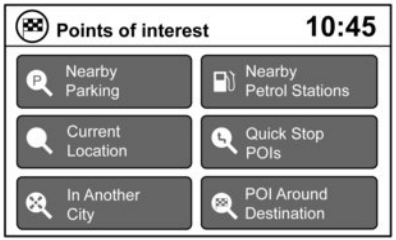
SEARCHING FOR NEARBY POINTS OF INTEREST

LNV2603Z

While a wide variety of places can be searched in the system, shortcut buttons are available for parking and service stations.

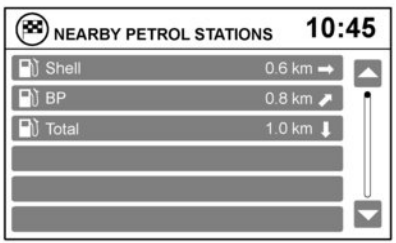
1) Press the **<NAV>** button.

2) Touch [Points of Interest].



NCC0094

3) Touch [Nearby Parking] or [Nearby Petrol Stations].
4) The system searches for destinations within 80 km (50 miles) of the current position.



LNV2601Z

5) Places are shown based on the straight line distance to the current position. The arrow on the right shows the direction of the destination. Touch the desired destination on the list.

NOTE:

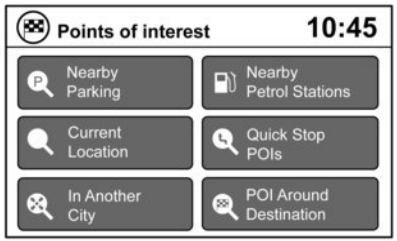
A maximum of 200 destinations will be listed when searching with this method.

NCC0095

6) A detailed description of the destination is provided.

- Press the <BACK> button to go back and pick another destination.
- Touch [Call] to call the destination (if a phone number is available) using the Bluetooth® Hands-Free Phone System. See the vehicle Owner's Manual for more information about the Bluetooth® Hands-Free Phone System.
- Touch [Map] to show a map of the destination.
- Touch [Start] to calculate the route to the destination.

SEARCHING FOR POINTS OF INTEREST NEAR CURRENT LOCATION



NCC0094

1) Press the **<NAV>** button.
2) Touch [Points of Interest].
3) Touch [Current Location].
4) Touch [By Category] or [By Name].
5) Destinations are shown based on the distance to the selected position. The arrow on the right shows the direction of the destination. The distance shown is a straight line distance.
   If you choose [By Name], you can search for places using a specific name. The touch keyboard is shown.

☞ “How to input characters” (page 2-8)
If you choose [By Category], you can browse destinations from a variety of categories and subcategories, including:

- Automotive
- Banking & Business
- Emergency
- Hotel/Motel
- Industrial Zone
- Leisure
- Public Places
- Restaurant
- Shopping
- Town Centre
- Travel

6) Touch the desired destination from the list.

NCC0095

7) A detailed description of the destination is provided.

NOTE:

- **When searching [By Category], the system will search for up to 200 matches within 80 km (50 miles) of the current position.**
- **When searching [By Name], the system will search for up to 30 matches within 80 km (50 miles) of the current position.**
- **If the destination is not found within the 80 km (50 miles) search radius, you can search for places around a specific city name.**
- **Press the <↩ (BACK)> button to go back and pick another destination.**
- **Touch [Call] to call the destination (if a phone number is available) using the Bluetooth® Hands-Free Phone System. See the vehicle Owner’s Manual for more information about the Bluetooth® Hands-Free Phone System.**
- **Touch [Map] to show a map of the destination.**
- **Touch [Start] to calculate the route to the destination.**

SEARCHING FOR POINTS OF INTEREST IN ANOTHER CITY

1) Press the **<NAV>** button.
2) Touch [Points of Interest].
3) Touch [In Another City].
4) If necessary, touch [Country]. If the current country, state or province is correct, proceed to step 7.
5) Type the name of proper country, state or province on keyboard, or select from list (if provided).
6) Touch [P.Code/City].
7) Enter the name of the city. The display shows the touch keyboard.

   ☞ “How to input characters” (page 2-8)
   The keyboard has an intelligent spelling setting, so it excludes non-existing combinations. Touch [List] to display a list of the possible matches.
8) Touch [By Name] or [By Category].
9) If you choose [By Category], you can browse destinations from a variety of categories and subcategories.
   If you choose [By Name], you can search for places using a specific name. The touch keyboard is shown.
10) Destinations are shown based on the distance to the selected position. The arrow on the right shows the direction of the destination. The distance shown is a straight line distance.

11) Touch the desired destination from the list.

12) A detailed description of the destination is provided.

NOTE:

- **When searching [By Category], the system will search for up to 200 matches within 80 km (50 miles) of the chosen city.**
- **When searching [By Name], the system will search for up to 30 matches within 80 km (50 miles) of the chosen city.**
- **Press the <↩ (BACK)> button to go back and pick another destination.**
- **Touch [Call] to call the destination (if a phone number is available) using the Bluetooth® Hands-Free Phone System. See the vehicle Owner's Manual for more information about the Bluetooth® Hands-Free Phone System.**
- **Touch [Map] to show a map of the destination.**
- **Touch [Start] to calculate the route to the destination.**

MY POINTS OF INTEREST/USER-DEFINED POINTS OF INTEREST (POIS)

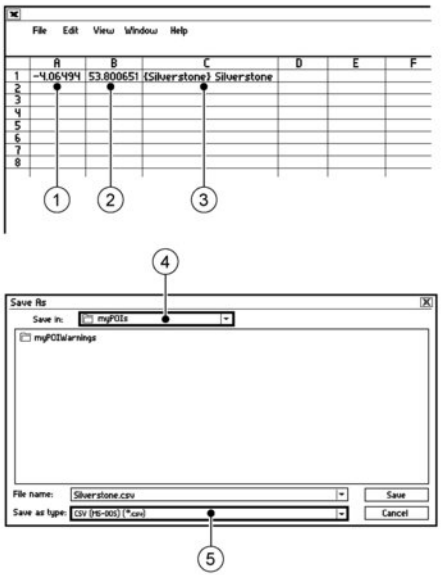
A point of interest (POI) in the My Points of Interest database is a specific location of interest such as a service station or bank. The POI consists of a longitude value, a latitude value and a name.

Additional POIs can be added to the system using the vehicle's USB port. For more information about using the USB port, see your vehicle's Owner's Manual.

The POIs can be set as a destination or be setup to activate POI warnings that display a pop-up message when the vehicle approaches certain areas such as hazard spot warnings.

NOTE:

- **In order to save the user-defined points of interest data, a USB mass storage device is required. The user-defined points of interest data cannot be saved on the SD-card which contains the navigation data.**
- **User-defined points of interest are not shown in the map representation.**
- **The system recognizes the user-defined points of interest (POI) data and then asks the user via a pop-up message if the data needs to be downloaded into the system.**
- **If you confirm the download, the available user POIs in the system internal memory will be deleted and the new ones in the USB mass storage device will be downloaded into the internal memory of the system.**
- **The progress of the download is shown by a progress-bar. When the download is finished, the user is notified that the USB mass storage device can be removed.**



NCD080

Creating user-defined points of interest (POIs)

1) Longitude
2) Latitude
3) Name
4) Location/Folder to save

5) File name

POI data can be downloaded from the Internet or created in a simple text editor in CSV (Comma Separated Values) file format.
There are two kinds of POI data supported by the system:

- User POIs – user-defined points of interest (POI) that can later be set as a destination and found using route guidance.
- POI-warnings – user-supplied areas such as hazard spots that the system displays in a pop-up window when the vehicle is approaching the designated area.

Perform the following procedure to create your own User POIs:

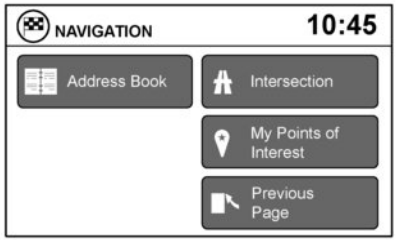
1) Connect a USB mass storage device to your personal computer.
2) Use a standard software programme to create a list of POIs. Make sure the software can support the CSV file format.
3) In the first column, enter the longitude value of the position of the POI.
4) In the second column, enter the latitude value of the position of the POI.
5) In the third column, enter the name of the POI. Information entered in the fourth column, such as address or phone number, will be appended to the name of the POI.
6) Add more rows if necessary.
7) Save the file with the extension .csv (for example, myplacesfile.csv).

NOTE:

The name of the .CSV file will be used to create a My Points of Interest category in the system. Create separate .CSV files with different names to create other My Points of Interest categories.

Make sure to select the USB mass storage device as the location to save, using the exact folder name **/myPOIs** for User POIs or **/myPOIs/myPOIwarnings** for POI-warnings. For example, if the USB mass storage device's root folder is represented by f:/ save the file to the folder f:/myPOIs for User POIs or to the folder f:/myPOIs/myPOIwarnings for POI-warnings.

8) Connect the USB mass storage device to the vehicle's USB port.
For more information about the USB port, see your vehicle's Owner's Manual.



LNV2604Z

Adding user-defined points of interest (POIs)

Perform the following procedure to add your User POIs to the system:

1) Press the **<NAV>** button.
2) Touch [Next Page].
3) Touch [My Points of Interest].
4) If a USB mass storage device with the new POI data is connected, the system will automatically ask if you want to transfer the POI data. Touch [Download] to begin the transfer or [Cancel] to cancel the procedure.

NOTE:

New POI data will overwrite POI data already in the internal memory.

5) The POI data on the USB mass storage device is transferred to the vehicle.
Once the download process is complete, the available POIs are displayed in a list on the screen.

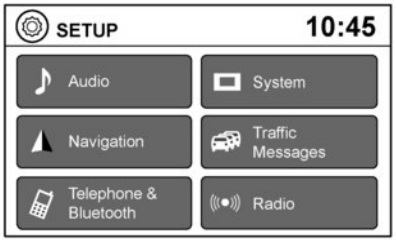
NOTE:

A maximum of 8 MB of POI data can be added to the system.

6) Touch the name of a POI on the list to set it as the destination.
7) Touch [Start] to calculate the route.

A user-defined POI in the My Points of Interest database can also be set as the destination by following the procedure below:

1) Press the **<NAV>** button.
2) Touch [Next Page].
3) Touch [My Points of Interest].
4) Touch the name of the user-defined POI to set that entry as a destination.



LNV2615Z

Deleting user-defined points of interest (POIs)

Perform the following procedure to delete the user-defined POIs stored in the MyPOIs memory:

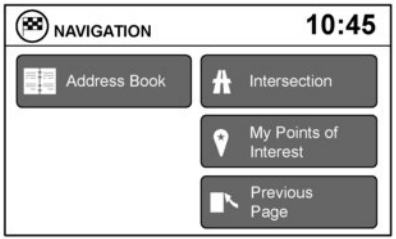
1) Press the **<SETUP>** button.
2) Touch [Navigation].
3) Touch [MyPOI Settings]
4) Touch [Remove MyPOI From System].
5) A pop-up is displayed to confirm that you want to delete all user POIs from the system. Touch [Yes] to delete the User POIs or [No] to cancel.

Other options are available on the [MyPOI Settings] screen:

- [POI Warning]
  Select to adjust how alerts are provided when approaching a destination set by MyPOIs. Choose [OFF] to disable the alert. Choose [ON] to display the alert on the screen. Choose [ON & Beep] to display the alert on the screen and play an audible sound.
- [MyPOI Warning Distance]
  Select to choose from the available list a distance away from the MyPOIs destination at which to activate the alert.

This option allows you to set and store the destination in the address book and use the stored destinations to calculate a route.

SETTING A NEW ENTRY TO THE ADDRESS BOOK



LNV2604Z

1) Press the **<NAV>** button.
2) Touch [Next Page].
3) Touch [Address Book].
4) Touch [Add New Entry].

There are four possibilities shown:

NOTE:

Up to 50 address book entries can be stored. If the number of address book entries exceeds 50, one must be deleted before the new one can be added.

☞ **"Setting an entry as a destination" (page 4-11)**

- [New Address]
  This option allows you to save a new entry by selecting the address.

  ☞ “Setting a destination from a new or street address” (page 4-4)

- [From Previous Destinations]
  This option allows you to save a destination in the address book from a location stored in the previous destination memory.
  Touch the destination you would like to save into the address book.

The touch keyboard gives the option to change the name of the selected destination.
Touch [OK]. The system confirms the entry and adds it to the address book.

- [Current Destination]
  This option allows you to store the currently set destination in the address book when a route is active. This option is only available when a route is active.
  Touch [Current Destination].

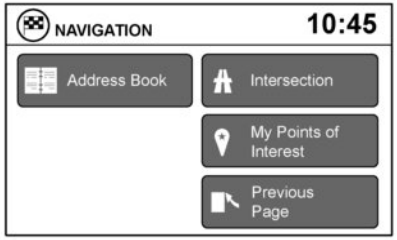
The touch keyboard gives the option to change the name of the destination.
Touch [OK]. The system confirms the entry and adds it to the address book.

- [Current Position]
  This option allows you to set the current position as a destination in the address book.
  Touch [Current Position].

The touch keyboard gives the option to change the name of the destination.
Touch [OK]. The system confirms the entry and adds it to the address book.

SETTING AN ENTRY AS A DESTINATION

Instead of touching [Add New Entry], you can touch any previously saved address.
The detailed description of the entry is shown. If information for the destination is not available, latitude and longitude coordinates will be shown.
You can rename or delete the entry. Touch [OK] to set the entry as a destination.
The system will calculate the route to the address chosen.



LNV2604Z

An intersection of two streets can be set as a destination. To set an intersection as the destination:

1) Press the **<NAV>** button.
2) Touch [Next Page].
3) Touch [Intersection].
4) Touch [Country] if the country, state or province displayed is not correct. If the selection is correct, proceed to step 8.
   The display shows the touch keyboard or a list of matches.
5) Use the keyboard to enter they name of the country, state or province.

   ☞ “How to input characters” (page 2-8)

   If a list is displayed, touch the name of the selection on the screen.
6) Touch [P.Code/City].
7) Press [List] at any time and a list of remaining cities will be shown. Touch the desired city.

8) Touch [Street].
   The display shows the touch keyboard. Enter the name of the first street.

9) Touch the name of the desired street.

10) A list of intersecting streets will be shown if six or less exist. Otherwise, the touch keyboard will be displayed again so that the name of the second street in the intersection can be entered. Enter the second street name.

11) Select the intersecting street.

12) Touch [OK] to calculate the route and begin guidance to the intersection. Touch [Map] to view the intersection on the map.
    If a route is already active, the system will prompt you to choose whether to add the intersection as a waypoint on the current route or to use it as the new final destination.

5 Audio system

Audio system 5-2
Audio operation precautions 5-2
iPod Player (where fitted) 5-3
Bluetooth® Audio player (where fitted) 5-4
Audio sources 5-5
Operation 5-7
CD care and cleaning 5-13
USB interface 5-13
iPod®* player operation 5-14
Bluetooth® streaming audio 5-16
Steering wheel switch for audio control 5-17
Antenna 5-17

WARNING:

Do not adjust the audio system while driving.

The audio system switches on when the ignition is in the ACC or ON position. When the ignition was on once, the audio system is on when:

- The Intelligent Key is detected (for Intelligent Key models)
- The key is in the ignition switch (except for Intelligent Key models).

Do not use the system for an extended period of time with the engine stopped.

The audio system shuts down when:

- Pushing the NissanConnect on/off button.
- The driver's door is opened (for Intelligent Key models)
- The key is removed from the ignition switch (except for Intelligent Key models).

AUDIO OPERATION PRECAUTIONS

Radio

- The unit sound quality for radio channels, is tuned to maximise and enhance the capabilities, quality and performance of DAB radio. It might affect the FM radio or AM radio sound quality.
  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.
- Use the antenna for the best reception.

Compact Disc (CD) player

- **During cold weather or rainy days, the player may malfunction due to the humidity. If this occurs, remove the CD and dehumidify or ventilate the player completely.**
- **The player may skip while driving on rough roads.**
- **Occasionally, the CD player may not function when the compartment temperature is extremely high. Decrease the temperature before use.**
- **Do not expose the CD to direct sunlight.**
- **CDs that are of poor quality, dirty, scratched, covered with finger prints, 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 with an adaptor**
  - **CDs that are not round**
  - **CDs with a paper label**

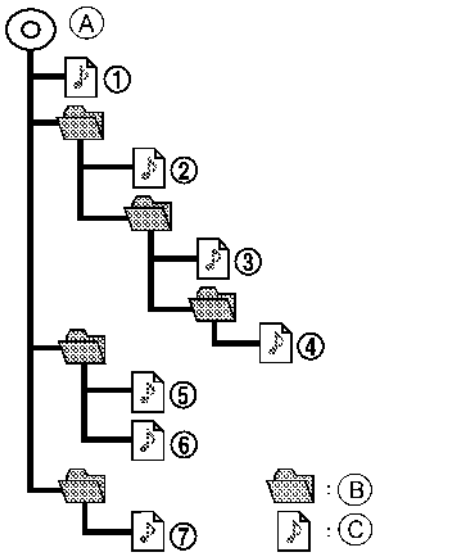
Compact Disc or USB with MP3 or WMA

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 from CD can reduce the file size by approximately 10:1 ratio (Sampling: 44.1 kHz, Bit rate: 128 kbps) with virtually no perceptible loss in quality. MP3 compression removes the redundant and irrelevant parts of a sound signal that the human ear does not hear.
- 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.
- AAC (Advanced Audio Coding — only for iPod player) — The AAC is a much more efficiently compressed audio format and with a higher quality digital audio than older formats, such as MP3.

- Bit rate — Bit rate denotes the number of bits per second used by a digital music files. The size and quality of a compressed digital audio file is determined by the bit rate used when encoding the file.
- Sampling frequency — Sampling frequency is the rate at which the samples of a signal are converted from analog to digital (A/D conversion) per second.
- Multisession — Multisession is one of the methods for writing data to media. Writing data once to the media is called a single session, and writing more than once is called a multisession.
- ID3/WMA Tag — The ID3/WMA tag is the part of the encoded MP3 or WMA file that contains information about the digital music file such as song title, artist, album title, encoding bit rate, track time duration, etc. ID3 tag information is displayed on the Album/Artist/Track title line on the display.

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



NAA984

Ⓐ Root folder

Ⓑ Folder

Ⓒ Compact disc or USB device: MP3 or WMA

iPod player: MP3, WMA or AAC

Playback order:

Music playback order as shown above.

- The names of folders not containing MP3/WMA (or AAC (where fitted)) files are not shown in the display.
- If there is a file in the top level of the disc, the folder name is displayed.
- The playback order is the order in which the files were written by the writing software, so the files might not be played in the desired order.

iPod PLAYER (where fitted)

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

- Improperly plugging in the iPod may cause a check mark to be displayed on and off (blinking). Always make sure that the iPod is connected properly.
- Be careful not to do the following, or the cable could be damaged and a loss of function may occur.
  - Bend the cable excessively (1.6 in (40 mm) radius minimum).
  - Twist the cable excessively (more than 180 degrees).
  - Pull or drop the cable.
  - Store objects with sharp edges in the storage where the cable is stored.
  - Spill liquids on the cable and connectors.

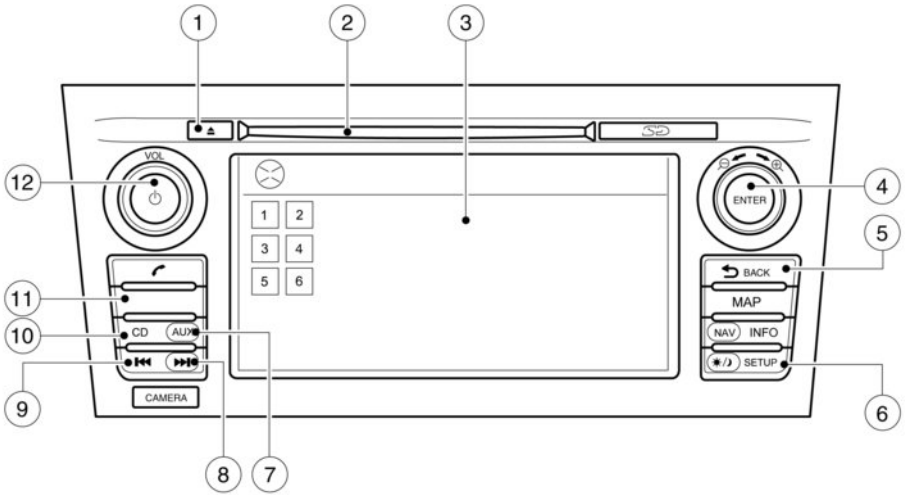
- Do not connect the cable to the iPod if the cable and/or connectors are wet. It may damage the iPod.
- If the cable and connectors are exposed to water, allow the cable and/or connectors to dry completely before connecting the cable to the iPod (wait 24 hours for it to dry).
- If the connector is exposed to fluids other than water, evaporative residue may cause a short between the connector pins. In this case, replace the cable, otherwise damage to the iPod and a loss of function may occur.
- If the cable is damaged (insulation cut, connectors cracked, contamination such as liquids, dust, dirt, etc. in the connectors), do not use the cable and contact a NISSAN dealer or qualified workshop to replace the cable with a new one.
- When not in use for extended periods of time, store the cable in a clean, dust free environment at room temperature and without direct sun exposure.
- Do not use the cable for any other purposes other than its intended use in the vehicle.

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

BLUETOOTH® AUDIO PLAYER (where fitted)

- Some Bluetooth® audio devices may not be used with this system. For detailed information about Bluetooth® audio devices that are available for use with this system, contact a NISSAN dealer or qualified workshop.
- Before using a Bluetooth® audio system, the initial registration process for the audio device is necessary.
- Operation of the Bluetooth® audio system may vary depending on the audio device that is connected. Confirm the operation procedure before use.
- The playback of Bluetooth® audio will be paused under the following conditions. The playback will be resumed after the following conditions are completed.
  - while using a hands-free phone
  - while checking a connection with a mobile phone
- The in-vehicle antenna for Bluetooth® communication is built in the system. Do not place the Bluetooth® audio device in an area surrounded by metal, far away from the system or in a narrow space where the device closely contacts the body or the seat. Otherwise, sound degradation or connection interference may occur.
- While a Bluetooth® audio device is connected through the Bluetooth® wireless connection, the battery power of the device may discharge quicker than usual.
- This system is compatible with the Bluetooth® AV profile (A2DP and AVRCP).

Bluetooth® is a trademark owned by Bluetooth SIG, Inc. and licenced to Robert Bosch GmbH.

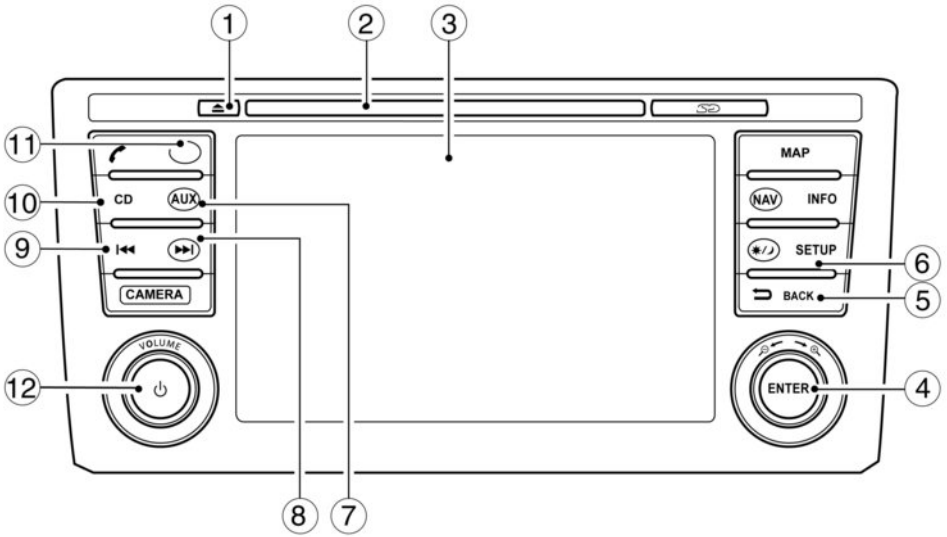


NCK0015

Type A

① ⏏ CD eject button
② CD insert slot
③ Display screen
④ Scrolling knob, **<ENTER>**/AUDIO button
⑤ **<⮌ (BACK)>** button
⑥ **<SETUP>** button
⑦ **<AUX>** button
⑧ ⏭ Forward seek button
⑨ ⏮ Backward seek button
⑩ CD button
⑪ **<FM-AM>*** or **<Radio>*** button
⑫ **<VOLUME>** / ⏻ (power) on/off button

* where fitted

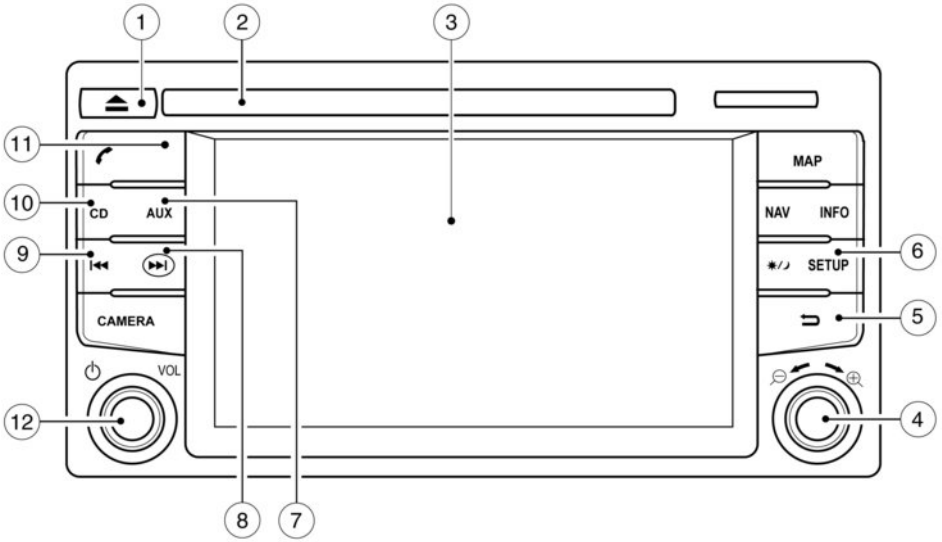


NCK0016

Type B

① ⏏ CD eject button
② CD insert slot
③ Display screen
④ Scrolling knob, **<ENTER>**/AUDIO button
⑤ <⮌ **(BACK)**> button
⑥ **<SETUP>** button
⑦ **<AUX>** button
⑧ ⏭ Forward seek button
⑨ ⏮ Backward seek button
⑩ CD button
⑪ **<FM-AM>*** or **<Radio>*** button
⑫ **<VOLUME>** / ⏻ (power) on/off button

* where fitted



NCK0017

Type C

① ⏏ CD eject button
② CD insert slot
③ Display screen
④ Scrolling knob, **<ENTER>**/AUDIO button
⑤ <⮌ **(BACK)**> button
⑥ **<SETUP>** button
⑦ **<AUX>** button
⑧ ⏭ Forward seek button
⑨ ⏮ Backward seek button
⑩ CD button
⑪ **<FM-AM>*** or **<Radio>*** button
⑫ **<VOLUME>** / ⏻ (power) on/off button

* where fitted

OPERATION

For all operation precautions, see “Audio operation precautions” in this section.

Audio main operation

POWER/VOLUME control:

INFO:

If the ignition has been on once, the audio system is on when:

- The Intelligent Key is detected (for Intelligent Key models)
- The key is in the ignition switch (except for Intelligent Key models).

Do not use the system for an extended period of time with the engine stopped.

The audio system shuts down when:

- Pushing the NissanConnect on/off button.
- The driver’s door is opened (for Intelligent Key models)
- The key is removed from the ignition switch (except for Intelligent Key models).

To turn the system off, press the **<VOLUME>** / ⏻ (power) on/off button.

Turn the **<VOLUME>** / ⏻ (power) on/off button to adjust the volume.

This vehicle may be equipped with Speed Sensitive Volume (SSV) for audio. The audio volume changes as the driving speed changes.

RADIO button (where fitted):

Press the **<RADIO>** button to change the band as follows:

Type A:

AM → FM → DAB

Type B:

See radio operation later in this section.

If another audio source is playing when the **<RADIO>** button is pressed, the audio source playing will automatically be turned off and the last radio station played will begin playing.

DAB (where fitted):

- **[DAB List]:**
  Touch to display the available station list.
- **[TA]:**
  When this item is turned on, received TA (Traffic Announcement) will interrupt the audio source that is playing.
- **[Extra chan.]:**
  The [Extra chan.] button will allow access to extra stations transmitted within the group of the currently selected station. If not available the button will not operate.
- **Radio text (where available)**
  Radio text is shown on the DAB main screen underneath the DAB station name. This displays radio programme and song information as determined by the DAB station.

INFO:

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

Occasionally, in areas of poor DAB signal strength, the full station name in the DAB List and DAB main screen might be distorted. In this situation it may still be possible to listen to the particular radio station, at a reduced level of sound quality, but this is not always possible. Depending on model, this may also be shown in the Vehicle Information Display.

Audio settings:

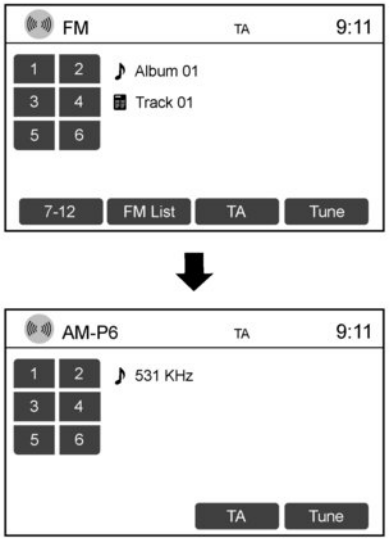
1) Press the **<SETUP>** button.
2) Select the [Audio] key.

Use the touch screen to adjust the following items to the desired setting:

Audio		
	[Bass]	Adjusts the bass to the desired level.
	[Treble]	Adjusts the treble to the desired level.
	[Balance]	Adjusts the balance to the desired level. Balance adjusts the sound level between the left and right speakers.
	[Fade]	Adjusts the fade to the desired level. Fade adjusts the sound level between the front and rear speakers.
	[Speed Sensitive Vol.]	Adjusts the speed sensitive volume function, which increases the volume of the audio system as the speed of the vehicle increases. Set to [OFF] to disable the feature. The higher the setting, the more the volume increases in relation to vehicle speed.
	[AUX Level]	Controls the volume level of incoming sound when an auxiliary device is connected to the system. Available options are Low (Quiet), Medium, and High (Loud).

Bass, treble, balance and fade can also be adjusted by pressing the AUDIO control knob and turning it to select the item to adjust. When the desired item is shown on the display, turn the tuning to adjust and then press the AUDIO button until the display returns to the main audio screen. If the button is not pressed for approximately 10 seconds, the radio or CD display will automatically reappear.

Radio operation



NCK0002

FM•AM radio:

Press the **<FM•AM>*** or **<Radio>*** button to change the reception wave band between FM and AM.

If another audio source is playing when the **<FM•AM>*** or **<Radio>*** button is pressed, the audio source playing will automatically be turned off and the last radio station played will begin playing.

*:where fitted.

◀ ▶ Manual up/down tuning:

WARNING:

The radio should not be tuned while driving in order for full attention to be given to the driving operation.

When in FM or AM mode, the radio can be tuned using the touch screen or the scrolling dial. To tune manually for a radio station, touch [Tune] then the screen appears with a frequency bar.
To select a frequency use any of the following methods:

- Touch the ◀ or ▶ key repeatedly.
- Touch and slide the orange cursor to the left or right on the frequency bar then release.
- Turn the scrolling dial.

Touch [OK], or press the **< ⮌ (BACK)>** button to return to the previous screen.

⏮ ⏭ Seek up/down tuning buttons:

When in FM or AM manual tune mode, press the ⏭ or ⏮ button and seek tuning starts from low to high, or high to low frequencies and stops at the next broadcasting station. If the radio cannot find a station within one cycle of that band, the seek tuning will be stopped.

Preset station:

Twelve radio stations can be set for the FM band or DAB and six radio stations for the AM band. When in FM, DAB or AM mode, briefly touch a preset station key to recall the station stored on that key. To store a radio station in a preset key:

1. Press the **<FM•AM>*** or **<Radio>*** button to choose DAB* or the radio FM or AM band.
2. For FM or AM band: Touch [Tune] for the manual tune mode. Then tune for the desired radio station using the manual or seek tuning.

   For DAB or FM: select a station from the DAB list.
3. Touch [OK], or press the **< ⮌ (BACK)>** button.
4. Touch and hold a desired station preset key (e.g. 1). A short beep will be heard once stored.

   If the first six [1–6] preset keys of the first FM or DAB* bank are occupied, touch the [7–12] key for the second FM or DAB* bank and store it in an available preset key or overwrite an existing preset key.

*:where fitted.

DAB* or FM radio stations list:

When in DAB or FM mode, select the [DAB List]* or [FM List] item and a list of receivable radio stations will be displayed. To select a radio station from the list, use any of the following methods:

- Touch the key of the radio station.
- Touch the Up (▲) or down (▼) scrolling key, or touch and slide the vertical scroll bar up/down, or turn the scrolling dial, then touch the key of the radio station.
- Turn the scrolling dial and press the scrolling dial when the radio station is highlighted.
- Press the ⏭ or ⏮ button to scroll through the listed radio stations one by one.

NOTE:

- **A preset number (e.g. FM-P2) is shown when the radio station has been stored in preset key number 2.**
- **In FM band and the radio station does not provide RDS then the frequency will be displayed.**

*:where fitted.

Radio Data System (RDS) operation (where fitted):

The RDS is a system through which encoded digital information is transmitted in addition to the normal FM-broadcasting radio station. The RDS provides information services such as station name, radio info text or traffic information.

NOTE:

In some areas, the services might not be available.

Programme Service (PS) function (station name screen display function — where fitted):

When an RDS station is tuned in with seek or manual tuning, the programme station name will be displayed immediately after receiving the RDS.

RDS setup (where fitted):

The following modes can be setup: [RDS REG] and [Traffic Announcement]

1. Press the **SETUP** button.
2. Touch [Radio].
3. Touch the key for RDS [ON] or [OFF] mode.

To return to the main audio screen, press the **<⮌ (BACK)>** button twice or press either the**<FM•AM>***, **<Radio>***, **CD** or **AUX** button once.

*:where fitted.

RDS Regional mode (where fitted):

Some local radio stations are linked together according to their region because they only offer limited coverage due to their limited number of transmitters. If the signal from one station becomes weak while you are driving around, RDS mode can switch to another local station in the region with a stronger signal.

When the [RDS REG] is activated in the FM band and the radio receiver is tuned to a local radio station, it will keep receiving this radio station without switching to another local station. This is the default setting, it is recommended that this setting should not be changed.

Compact disc (CD) player operation

If the radio is already operating, it automatically turns off and the compact disc begins to play.

CD button:

When the CD button is pressed with the system off and the compact disc loaded, the system will turn on and the compact disc will start to play.

When the CD button is pressed with a compact disc loaded and the radio playing, the radio will automatically be turned off and the compact disc will start to play.

INFO:

The unit might not turn on automatically. Make sure the unit is powered on (key is in the ignition or for Intelligent Key models the ignition switch is in the ACC or ON position)

CD/MP3 display mode:

Menu item	
CD/MP3 display mode	While listening to a CD or an MP3/WMA CD, certain text may be displayed (when a CD encoded with text is being used). Depending on how the CD or MP3/WMA CD is encoded, the text is displayed listing the artist, album and song title. There are other keys displayed on the screen when a CD is playing:
Mix tracks	Touch the [Mix] key to apply a mix play pattern to the CD. If an MP3 CD is playing, touching [Mix] alternates between mix folder, and mix all. This text will appear on the display. To cancel Random/Mix mode, touch the [Mix] key until the key is no longer highlighted.
Repeat track	Touch the [Repeat] key to apply a repeat play pattern to the CD. If an MP3 CD is playing, touching [Repeat] alternates between repeating the current song and repeating the current folder. This text will appear on the display. To cancel Repeat mode, touch the [Repeat] key until the key is no longer highlighted
Browse tracks	Touch the [Browse] key to display the titles on the CD in list format. Touch the title of a song in the list to begin playing that song. If an MP3 CD is playing, touching the [Browse] key will also list the folders on the disc. Follow the procedure for selecting a song with the touch screen to choose a folder.

SEEK (Reverse or Fast Forward) buttons:

Press and hold the seek buttons ⏮ or ⏭ for 1.5 seconds while the compact disc is playing to reverse or fast forward the track being played. The compact disc plays at an increased speed while reversing or fast forwarding. When the button is released, the compact disc returns to normal play speed.

SEEK buttons:

Press the seek button ⏮ while a CD or MP3/WMA CD is playing to return to the beginning of the current track. Press the seek button ⏮ several times to skip backward several tracks.

Press the seek button ⏭ while a CD or MP3/WMA CD is playing to advance one track. Press the seek button ⏭ several times to skip forward several tracks. If the last track on a CD is skipped, the first track on the disc is played. If the last track in a folder of an MP3/WMA CD is skipped, the first track of the next folder is played.

AUX button:

The AUX IN audio input jack accepts any standard analog audio input such as from a portable cassette tape/CD player, MP3 player or a laptop computer. Press the AUX button to play a compatible device plugged into the AUX IN jack.

EJECT button:

When the ⏏ button is pressed with a compact disc loaded, the compact disc will eject and the last source will be played.

If the disc is not removed within 10 seconds, the disc will reload.

Additional features

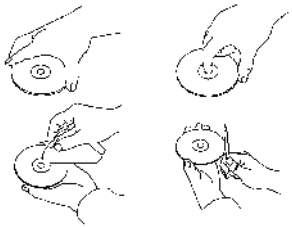
For more information see:

☞ “iPod® main operation” (page 5-15).

☞ “USB interface” (page 5-13).

☞ “Bluetooth® streaming audio” (page 5-16).

CD CARE AND CLEANING



LHA0049Z

- Handle a CD by its edges. Do not bend the disc. Never touch the surface of the disc.
- Always place the discs in the storage case when they are not being used.
- To clean a disc, wipe the surface from the centre to the outer edge using a clean, soft cloth. Do not wipe the disc using a circular motion.
- Do not use a conventional record cleaner or alcohol intended for industrial use.
- A new disc may be rough on the inner and outer edges. Remove the rough edges by rubbing the inner and outer edges with the side of a pen or pencil as illustrated.

USB INTERFACE

Connecting a device to the USB input jack

WARNING:

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

CAUTION:

- **Do not force the USB device into the USB 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 into 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.**
- **To avoid damage and loss of function when using a USB device, note the following precautions.**

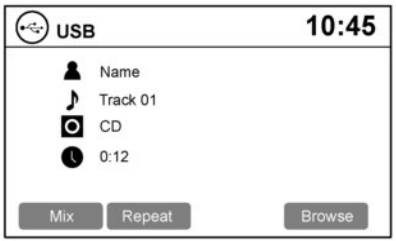
Refer to your device manufacturer’s owner information regarding the proper use and care of the device.

Insert the USB device into the jack.
See the vehicle’s Owner’s Manual for the location of the jack.
When a compatible storage device is plugged into the jack, compatible audio files on the storage device can be played through the vehicle’s audio system.

Audio file operation

AUX button:

Press the AUX button to switch between input modes. If another audio source is playing and a USB memory device is inserted, the unit automatically switches to USB mode.



LHA1496Z

Play information:

Information about the audio files being played is shown on the display screen of the vehicle's audio system. Touch [Browse] to display the list of folders and files on the USB device. Touch the name of a song on the screen to begin playing that song.

⏮ ⏭ Seeking buttons:

Press the ⏮ button while an audio file on the USB device is playing to return to the beginning of the current track. Press the ⏮ button several times to skip backward several tracks.

Press the ⏭ button while an audio file on the USB device is playing to advance one track. Press the ⏭ button several times to skip forward several tracks. If the last track in a folder on the USB device is skipped, the first track of the next folder is played.

Random and repeat play mode:

Item	Result
Random and repeat play mode	While files on a USB device are playing, the play pattern can be altered so that songs are repeated or played randomly.
Mix	Touch the [Mix] key to apply a random play pattern to the USB device. When the random mode is active it will appear on the screen. To cancel Random mode, touch the [Mix] key until it is not highlighted.
Repeat	Touch the [Repeat] key to apply a repeat play pattern to the USB device. When the repeat mode is active it will appear on the screen. To cancel Repeat mode, touch the [Repeat] key until it is not highlighted.

IPOD®* PLAYER OPERATION

Connecting iPod®

WARNING:

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

CAUTION:

- **Do not force the USB device into the USB 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 into 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.

To connect an iPod® to the vehicle so that the iPod® can be controlled with the audio system controls and display screen, use the USB jack.
See the vehicle's Owner's Manual for the location of the jack.
Connect the iPod®-specific end of the cable to the iPod® and the USB end of the cable to the USB jack on the vehicle. If your iPod® supports charging via a USB connection, its battery will be charged while connected to the vehicle with the ignition switch in the ACC or ON position.
While connected to the vehicle, the iPod® can only be operated by the vehicle audio controls.
To disconnect the iPod® from the vehicle, remove the USB end of the cable from the USB jack on the vehicle, then remove the cable from the iPod®.

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

Compatibility

The following models are compatible:

- iPod® 5th Generation (firmware version 1.2.3 or later)
- iPod® Classic (firmware version 1.1.1 or later)
- iPod® Touch (firmware version 2.0.0 or later)*
- iPod® nano - 1st generation (firmware version 1.3.1 or later)
- iPod® nano - 2nd generation (firmware version 1.1.3 or later)
- iPod® nano - 3rd generation (firmware version 1.1.3 or later)
- iPod® nano - 4th generation (firmware version 1.0.4 or later)
- iPod® nano - 5th generation (firmware version 1.0.1 or later)

* Some features of this iPod® may not be fully functional.

Make sure that your iPod® firmware is updated to the version indicated above.

NOTE:

If an Apple device is connected to the unit by both Bluetooth Audio and USB, it can be possible that when cycling between Bluetooth Audio and iPod that the iPod and the audio unit, both show that the song is playing but no music is heard. In this instance the Apple device is still playing the music over Bluetooth Audio.
To listen to the music via iPod / USB, select the Dock Connector source on the Apple device – the music will then play via the iPod / USB.
This can happen every time you cycle between Bluetooth Audio and iPod – when the same Apple device is connected to the audio unit in both ways.

iPod® main operation

Place the ignition switch in the ACC or ON position. Press the AUX button repeatedly to switch to the iPod® mode.

If the system has been turned off while the iPod® was playing, pressing the VOL/ ⏻ control knob will start the iPod®.

AUX button:

When the AUX button is pressed with the system off and the iPod® connected, the system will turn on. If another audio source is playing and the iPod® is connected, press the AUX button repeatedly until the centre display changes to the iPod® mode.

LHA2783Z

Interface:

The interface for iPod® operation shown on the vehicle's audio system display screen is similar to the iPod® interface.
Use the **< ⮌ (BACK)>** button or the TUNE/SCROLL knob to navigate the menus on the screen.
When the iPod® is playing, touch the [Menu] key to bring up the iPod® menu.
Depending on the iPod® model, the following items may be available on the menu list screen.
For further information about each item, see the iPod® Owner's Manual.

- Playlists
- Artists
- Albums
- Genres
- Songs
- Composers

- Audiobooks
- Podcasts

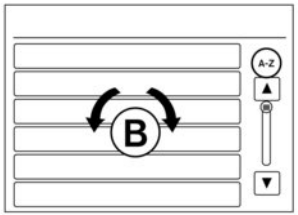
Random and repeat play mode:

Item	Result
Random and repeat play mode	While the iPod is playing, the play pattern can be altered so that songs are repeated or played randomly.
Shuffle songs	Touch the [Mix] key to apply a random play pattern to the iPod. When the random mode is active the text [Shuffle Songs] will appear on the screen. To cancel Random mode, touch the [Mix] key until it is not highlighted. [Shuffle Songs] is no longer displayed.
Repeat song	Touch the [Repeat] key to apply a repeat play pattern to the iPod. When the repeat mode is active [Repeat Song] will appear on the screen. To cancel Repeat mode, touch the [Repeat] key until it is not highlighted. [Repeat Song] is no longer displayed.

Seek buttons:

Press the seek button ⏮ or ⏭ to skip backward or forward one track.

Press and hold the seek button ⏮ or ⏭ for 1.5 seconds while a track is playing to reverse or fast forward the track being played. The track plays at an increased speed while reversing or fast forwarding. When the button is released, the track returns to normal play speed.



LHA2279Z

Scrolling menus:

While navigating within the lists of artists, albums or songs in the music menu, it is possible to scroll the list by the first character in the name. To activate character indexing, touch the [A-Z] key in the upper right corner of the screen. Turn the scrolling knob to choose the number or letter to jump to in the list and then press the ENTER button.

If no character is selected after thirty seconds, the display returns to normal.

BLUETOOTH® STREAMING AUDIO

If you have a compatible Bluetooth® audio device that is capable of playing audio files, the device can be connected to the vehicle's audio system so that the audio files on the device play through the vehicle's speakers.

INFO:

Bluetooth Audio using a connected Apple device is paused when any other Apple device is connected to the USB. When this happens the following text will be displayed; BT Audio playback paused. Apple device is connected via USB and BT

LHA2778Z

Connecting Bluetooth® audio

To connect your Bluetooth® audio device to the vehicle, follow the procedure below:

1) Press the **<SETUP>** button.
2) Select the [Telephone & Bluetooth] key.
3) Select the [Pair New Device] key.
4) The system acknowledges the command and asks you to initiate connecting from the phone handset. The connecting procedure of the mobile phone varies according to each mobile phone model. See the mobile phone Owner's Manual for details.

INFO:

When selecting [Pair New Device] any Bluetooth Audio connection to a phone or device will be cut.

Audio main operation

To switch to the Bluetooth® audio mode, press the AUX button repeatedly until the Bluetooth® audio mode is displayed on the screen.
The controls for the Bluetooth® audio are displayed on the screen.

STEERING WHEEL SWITCH FOR AUDIO CONTROL

See the vehicle owner's manual.

ANTENNA

See the vehicle owner's manual.

MEMO

6 Bluetooth system

Bluetooth® Hands-Free Phone System 6-2
Connecting/Pairing Procedure 6-3
Phonebook 6-4
Making a call 6-4
Receiving a call 6-4
During a call 6-4
Ending a call 6-5
Bluetooth® settings 6-5
Telephone Setup 6-6

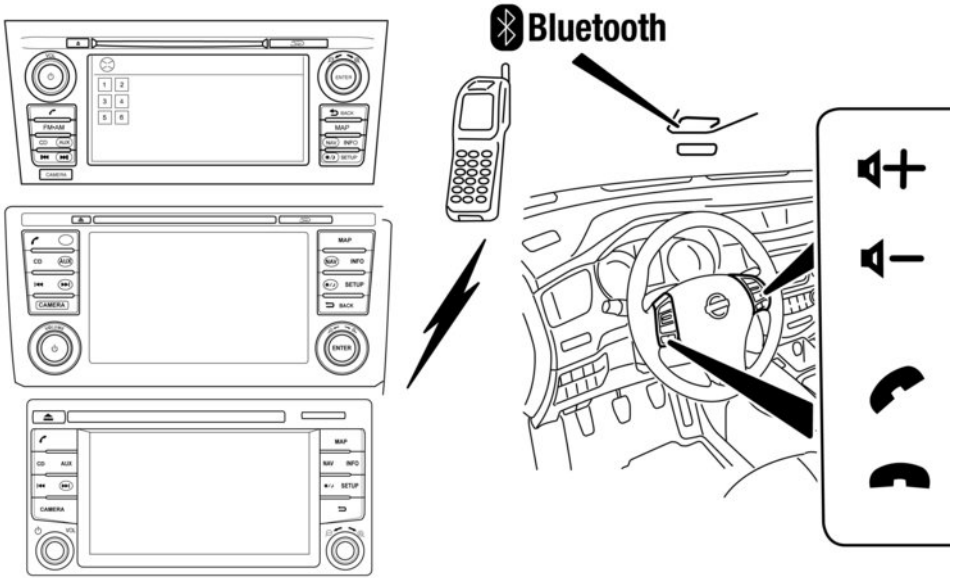
BLUETOOTH® HANDS-FREE PHONE SYSTEM

WARNING:

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

CAUTION:

To avoid discharging the vehicle battery, use a phone after starting the engine.



NCC0083

Your NISSAN is equipped with the Bluetooth® Hands-Free Phone System. If you have 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 hands-free telephone call with your mobile phone in the vehicle.

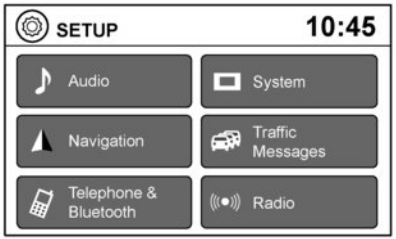
Once your mobile phone is connected to the in-vehicle phone module, no other phone connecting procedure is required. Your phone is automatically reconnected with the in-vehicle phone module when the ignition switch is placed in the ON position with the connected mobile phone turned on and carried in 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.

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

- Set up the wireless connection between a mobile phone and the in-vehicle phone module before using the hands-free phone system.
- Some Bluetooth® enabled mobile phones may not be recognised by the in-vehicle phone module.
- You will not be able to use a hands-free phone under the following conditions:
  - Your vehicle is outside of the mobile service area.
  - Your vehicle is in an area where it is difficult to receive mobile signal; such as in a tunnel, in an underground parking garage, near a tall building or in a mountainous area.
  - Your mobile phone is locked to prevent it from being dialled.
- When the radio wave condition is not ideal or ambient sound is too loud, it may be difficult to hear the other person's voice during a call.
- Immediately after the ignition switch is placed in the ON position, it may be impossible to receive a call for a short period of time.
- Do not place the mobile phone in an area surrounded by metal or far away from the in-vehicle phone module to prevent tone quality degradation and wireless connection disruption.
- While a mobile phone is connected through the Bluetooth® wireless connection, the battery power of the mobile phone may discharge quicker than usual. The Bluetooth® Hands-Free Phone System cannot charge mobile phones.
- If the hands-free phone system seems to be malfunctioning, see "Troubleshooting guide" in this section.
- Some mobile phones or other devices may cause interference or a buzzing noise to come from the audio system speakers. Storing the device in a different location may reduce or eliminate the noise.
- Refer to the mobile phone owner's manual regarding the telephone charges, mobile phone antenna and body, etc.
- The signal strength display on the monitor will not coincide with the signal strength display of some mobile phones.

CONNECTING/PAIRING PROCEDURE



LNV2615Z

NOTE:

The connecting procedure must be performed when the vehicle is stationary. If the vehicle starts moving during the procedure, the procedure will be cancelled.

1) Press the **<SETUP>** button on the control panel.
2) Select the [Telephone & Bluetooth] key.

INFO:

Check if bluetooth is enabled. The touch screen key needs to be [ON]. If the [OFF] is displayed, touch to switch on.

3) Select the [Pair New Device] key.
4) Initiate the connecting/pairing process from the handset. The system will display the message: Please start pairing from your Bluetooth device.

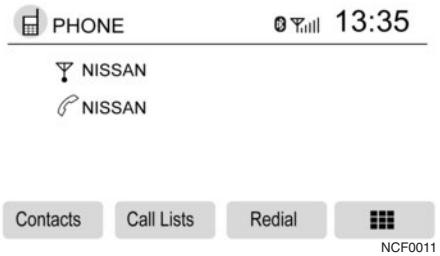
If device requests PIN please enter: 1234. If the PIN is displayed on your Bluetooth® device, select [Yes] to complete the connecting/pairing process.

INFO:

If the mobile device was previously connected to the NissanConnect unit and then deleted, it might have to be deleted from your phone before you will be able to go through the connection process.

For more information, see the Bluetooth® device's Owner's Manual.

PHONEBOOK



To access the vehicle phonebook:

1) Press the button on the control panel.
2) Select the [Contacts] key.
3) Choose the desired entry from the displayed list.
4) The number of the entry will be displayed on the screen. Touch the number to initiate dialling.

NOTE:

To scroll quickly through the list, touch the [A-Z] key in the upper right corner of the screen. Turn the TUNE/SCROLL knob to choose a letter or number and then press ENTER. The list will move to the first entry that begins with that number or letter.

MAKING A CALL

To make a call, follow the procedure below:

1) Press the button on the control panel. The phone screen will appear on the display.
2) Select one of the following options to make a call:

- [Contacts]:
  Select the name from an entry stored in the vehicle phonebook.
- [Call Lists]:
  Select the name from the incoming, outgoing or missed.

Menu Item	
[Received Calls]	Select to view the list of received calls
[Dialled Numbers]	Press to view a list of numbers dailed
[Missed Calls]	Select to view the list of missed calls

- [Redial]:
  Dial the last dailled number from the vehicle.
- :
  Touch and enter the phone number manually using a keypad displayed on the screen.
  For information on how to use the touchscreen:
  "Basic operations" (page 10-2)

RECEIVING A CALL

When a call is placed to the connected phone, the display will change to phone mode.

To accept the incoming call, either:

- Press the button on the steering wheel, or
- Touch the icon on the screen.

To reject the incoming call, either:

- Press the button on the steering wheel, or
- Touch the red phone icon on the screen.

DURING A CALL

While a call is active, the following options are available on the screen:

- [Handset]
  Select this option to switch control of the phone call over to the handset.
- [Mute Mic.]
  Select this option to mute the microphone. Select again to reactivate the microphone.
- Red phone ( ) icon
  Select to end the phone call.

ENDING A CALL

To end a phone call, select the red phone ( ) icon on the screen or press the button on the steering wheel.

BLUETOOTH® SETTINGS

To access the phone settings:

1) Press the **<SETUP>** button.
2) Select the [Telephone & Bluetooth] key.

Menu Item	Result
[Telephone Setup]	See “Telephone Setup” in this section for more information.
[Pair New Device]	Select to connect/pair a new Bluetooth® device to the Bluetooth® Hands-Free Phone System.
[Select Paired Device]	Select to choose a Bluetooth® device from a list of those devices connected/paired to the Bluetooth® Hands-Free Phone System.
[Delete Paired Device]	Select to delete a Bluetooth® device from a list of those devices connected/paired to the Bluetooth® Hands-Free Phone System.
[Bluetooth]	Select to toggle Bluetooth® on and off.

TELEPHONE SETUP

To access the phone setup:

1) Press the **<SETUP>** button.
2) Select the [Telephone & Bluetooth] key.
3) Select the [Telephone Setup] key and adjust the following settings as desired:

- [Sort Phonebook By]:
  Select [First Name] or [Last Name] to choose how phonebook entries are alphabetically displayed on the screen.

  INFO:

  When changing form Last Name to First Name, the Phonebook list updates immediately but the Call Lists do not until the unit is turned off - next time the unit turns on and the phone repairs, then the Call Lists will also update to First name
- [Phonebook]:
  Select [Handset] to use the handset's phonebook. Select [SIM] to use the phonebook on the SIM card. Select [Both] to use both sources.
- [Download Phonebook Now]:
  Select to download the phonebook to the vehicle from the chosen source.

7 NISSAN Connect App Smartphone Integration

NissanConnect App Smartphone Integration..... 7-2
Registration & activation 7-2
Connect Phone 7-2
Access in-vehicle apps 7-2

NISSANCONNECT APP SMARTPHONE INTEGRATION

This vehicle is equipped with Smartphone Integration technology. This allows many compatible Smartphone applications to be displayed and easily controlled through the vehicle's touch screen.

NOTE:

A compatible smartphone and registration is required to use mobile applications or to access connected features of certain vehicle applications.

REGISTRATION & ACTIVATION

To use the Smartphone Integration feature, it is necessary for the user to register online and activate the NissanConnect Services. In order to register, visit your country's Nissan Owner Portal.

CONNECT PHONE

The Smartphone must be connected to the vehicle either via Bluetooth® and/or USB. Each Smartphone can be compatible with one connection type or another.
For more information on connecting your phone via Bluetooth®:, see section Bluetooth® Hands-Free Phone System.

Once connected, the NissanConnect App on your Smartphone will allow you access to a selection of in-vehicle applications all accessible under My Apps button. For more information on in-vehicle apps availability, visit your Nissan Owner Portal.

NOTE:

- **Android devices:**
  Bluetooth connection only.
- **iPhone:**
  Bluetooth and/or USB connection.

ACCESS IN-VEHICLE APPS

To access the In-vehicle apps:

- Press **<INFO>** button on NissanConnect. This will take you to the [INFO] screen, showing the My Apps button.
- Press My Apps button, this will show you the selection of In-vehicle apps.

NOTE:

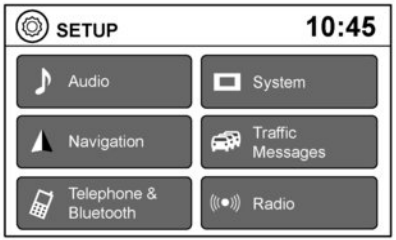
- **To have access to My Apps, the NissanConnect App must be running on your already connected Smartphone via Bluetooth® or USB:**

  ☞ **"6. Bluetooth® Hands-Free Phone SystemBluetooth system".**

  - **If the Smartphone is outside the network range, some functions cannot be used.**
  - **The usage of in-vehicle apps may incur additional mobile phone communication fees depending on the terms of your individual mobile service plan.**
  - **Before using this service, some apps may require registration (e.g. Facebook).**
- **In-vehicle app functionalities might differ from those available on a Smartphone due to safety and service provider policies.**
- **While driving, some operations are limited in order to prevent distracting the driver.**

8 Other settings

System settings 8-2
Touch click 8-2
Beep tones 8-2
Factory settings 8-2
Display settings 8-3
Brightness 8-3
Display day or night setup 8-3
Scroll direction 8-3
Camera display setup (where fitted) 8-3
Temperature Unit Settings 8-3
Clock setup 8-4
Language setup 8-4
INFO button 8-5
Avoiding roads ahead or in the route list 8-5
Eco score 8-5



LNV2615Z

The system can be customized according to your preference.

1) Press the **<SETUP>** button.
2) Touch [System].
3) Select the preferred setting item on the screen and the next screen will be shown. You may need to use the scrolling dial or the touch screen to scroll if more than one screen of options is available.

The following settings are available:

- Display
  ☞ "Display settings" (page 8-3)
- Clock
  ☞ "Clock setup" (page 8-4)
- Language
  ☞ "Language setup" (page 8-4)
- Camera Display Settings
  ☞ "Camera display setup (where fitted)" (page 8-3)
  for more information to the vehicle's owner's manual.
- Temperature Unit
  ☞ "Temperature Unit Settings" (page 8-3)
- Touch Click
  ☞ "Touch click" (page 8-2)
- Beep Tones
  ☞ "Beep tones" (page 8-2)
- Scroll Direction
  ☞ "Scroll direction" (page 8-3)
- [Factory Settings]
  ☞ "Factory settings" (page 8-2)

1) Select the button of the preferred item and adjust the setting. (Alternatively, use the scrolling dial or steering wheel scrolling switch).
2) Press the **< (BACK)>** button to return to the previous screen or press the **<NAV>** button to return to the current location map screen.

TOUCH CLICK

Use this setting to change the audible confirmation between the on or off position when a screen button is touched.
Select the [Touch Click] key to toggle between On and Off.

BEEP TONES

Use this setting to change the audible confirmation when:

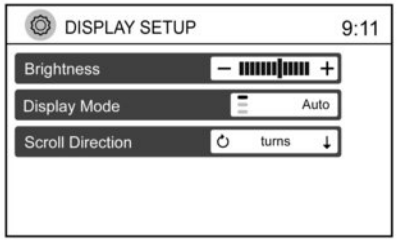
- a button on the unit is pressed and held for about two seconds, such as the ☼/☽ button.
- a pop-up message appears on the screen.

Select the [Beep Tones] key to toggle between ON and OFF.

FACTORY SETTINGS

Use this setting to restore the factory default settings.
Touch the [Factory Settings] key and then confirm the message. If you choose [Yes], the system will reset the settings to the default settings. If you choose [No], the default settings will not be restored and the display returns to the system settings screen.

BRIGHTNESS



NCG0018

This menu allows you to adjust the brightness of the screen.

1) Press the **<SETUP>** button.
2) Touch the [System] key.
3) Touch the [Display] key.
4) Increase or decrease the brightness by using the + and – keys.
5) To save the setting, press the **< (BACK)>** button to return to the previous screen.

DISPLAY DAY OR NIGHT SETUP

1) Press the **<SETUP>** button.
2) Touch the [System] key.
3) Touch the [Display] key.
4) Set the display to
   - [Day]
     Display will stay in day mode.
   - [Night]
     Display will stay in night mode.
   - [Auto]
     Display will automatically switch between day and night mode.
5) To save the setting, press the **< (BACK)>** button to return to the previous screen.

SCROLL DIRECTION

Set the scrolling direction of the scrolling dial to scroll up or down.

1) Press the **<SETUP>** button.
2) Touch the [System] key.
3) Touch the [Display] key.
4) Toggle through [Scroll Direction]

   Set the scroll direction to:
   - [Turns] ↓
   - [Turns] ↑
5) To save the setting, press the **< (BACK)>** button to return to the previous screen.

CAMERA DISPLAY SETUP (where fitted)

Use this setting to change the display mode (automatic/day/night) for the rear view camera. Brightness, contrast and colour can also be adjusted.

1) Press the **<SETUP>** button.
2) Touch the [System] key.
3) Scroll down and touch the [Camera Display Settings] key.
4) To save the setting, press the **< (BACK)>** button to return to the previous screen.

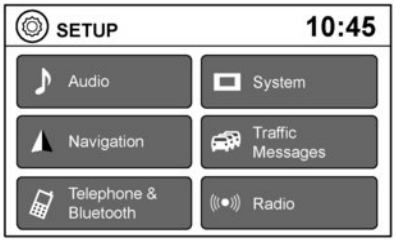
Toggle display mode and use the [+] and [–] keys to adjust brightness, contrast and colour for rear camera display.

TEMPERATURE UNIT SETTINGS

Use this setting to change the temperature units (Fahrenheit/Celsius).

1) Press the **<SETUP>** button.
2) Touch the [System] key.
3) Scroll down and touch the [Temperature Unit] key.
4) Set to Fahrenheit or Celsius
5) To save the setting, press the **< (BACK)>** button to return to the previous screen.

CLOCK SETUP



LNV2615Z

This setting allows you to make clock adjustments.

1) Press the **<SETUP>** button.
2) Touch the [System] key.
3) Touch the [Clock] key.
4) Select the preferred setting item and make an adjustment.
   - [Time Format]:
     Touch the [Time Format] key to change the clock format between 12-hour and 24- hour.
   - [Date Format]:
     Touch the [Date Format] key to change the date format.
   - [Clock Mode]:
     Select [Manual] to manually set the clock with the [Set Clock Manually] key. Select [Auto] to have the clock automatically adjusted by the GPS system. Select [Time Zone] to have the time set to a specific time zone.
   - [Set Clock Manually]:
     Allows you to set the clock manually. This feature is only available if [Manual] is selected for [Clock Mode].
   - [Daylight Savings Time]:
     Touch the [Daylight Savings Time] key to toggle daylight savings time on or off. This feature is unavailable if [Clock Mode] is set to [Auto].
   - [Time Zone]:
     Select and touch an appropriate time zone of the current vehicle location to bypass the GPS satellite. [Set Clock Automatically] must be set to [ON] for this feature to be used. This feature is only available if [Time Zone] is selected for [Clock Mode].

     NOTE:

     If [Daylight Savings Time] is set to [ON] and a time zone is chosen for an area that does not observe Daylight Savings Time, the [Daylight Savings Time] setting remains [ON] and must be turned off manually.
5) After adjusting the desired settings, press the **< (BACK)>** button to return to the previous screen. You can also press the **<NAV>** button to return to the current location map screen or the FM-AM, CD or AUX button to return to the audio screen.

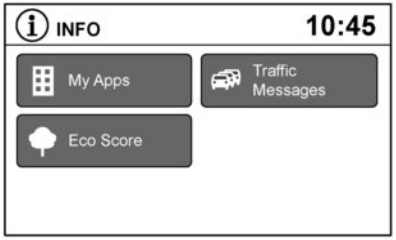
LANGUAGE SETUP

This setting allows you to change the language used by the system.

1) Press the **<SETUP>** button.
2) Touch the [System] key.
3) Touch the [Language] key.
4) Select the appropriate language.

INFO:

If the language is set to [Automatic], the language set in the vehicle information display will be the language shown in NissanConnect.
For more information see the vehicle information display section in the vehicle Owner's Manual.



LNV2617Z

Press the **<INFO>** button to access additional features of the Navigation System.

AVOIDING ROADS AHEAD OR IN THE ROUTE LIST

The system can be adjusted to avoid using certain roads when calculating route guidance. For example, roads which are prone to traffic congestion can be avoided so that a less congested route can be followed.
To avoid the current road ahead:

1) Press the **<INFO>** button.
2) Touch [Traffic Messages].
   If there are traffic events on route, select one of the available options to adjust route guidance.

- [Avoid Road On Route]
- [List all traffic events]

Other options include [Use Road Ahead], [Use Road in Route List] and [Release Traffic Event Blockings].

These might be used to adjust the route guidance and appear highlighted under certain scenarios if applicable.

INFO:

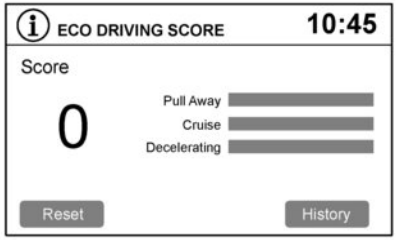
Options are only available when route guidance is active.

ECO SCORE

The Eco Score feature analyzes driving behavior and provides an overall score based on three variables:

- [Pull Away]
  Reports the average vehicle pull away speed at the start of a trip. Higher scores correlate to faster pull away speeds.
- [Cruise]
  Reports the average speed of the vehicle during its period of cruise.
- [Decelerating]
  Reports the rate of deceleration of the car during a trip. Higher scores correlate to quicker deceleration.

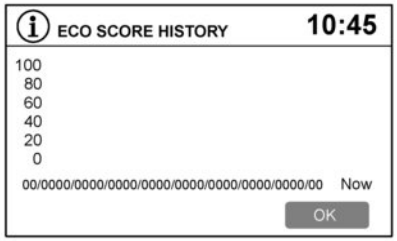
The Eco Score is an average of the three variables and is measured out of 100.



LNV2480Z

To view Eco Score information:

1) Press the **<INFO>** button.
2) Touch [Eco Score].
3) The overall score is displayed on the screen along with the three variables used to compile the score.



LNV2481Z

4) Touch [History] to view recent Eco Scores from previous trips. Touch [Reset] to reset the scores to zero.

MEMO

9 General system information

Safety information 9-2
Features of this navigation system 9-2
Route guidance 9-2
POI directory 9-3
Address book 9-3
Voice guidance 9-3
Current vehicle location 9-3
Display of current vehicle location 9-3
What is GPS (Global Positioning System)? 9-3
Detailed map coverage (MCA) for the navigation system 9-3
When a grey road is displayed on the map 9-4
Route calculation 9-4
Route guidance 9-5
Basics of voice guidance 9-5
Directions provided and the distances to guide points 9-6
Repeating voice guidance 9-6
Notes on voice guidance 9-6
How to handle the display 9-7
Characteristics of a liquid crystal display 9-7
Maintenance of the display 9-7

This system is primarily designed to help you reach your destination, and it performs other functions as outlined in this manual. However 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.
Before using the navigation system, please read the following safety information. Always use the system as outlined in this manual.

WARNING:

- **When the driver wants to operate the navigation system, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.**
- **Do not rely on route guidance alone. Always be sure that all driving manoeuvres are legal and safe in order to avoid accidents.**
- **Do not disassemble or modify this system. If you do, it may result in accidents, fire or electrical shock.**
- **Do not use this system if you notice any malfunctions such as a frozen screen or lack of sound. Continued use of the system may result in accidents, fire or electrical shock.**
- **If you notice any foreign objects in the system hardware, spill liquid on the system or notice smoke or a smell, stop using the system immediately and contact a NISSAN dealer or qualified workshop. Ignoring such conditions may lead to accidents, fire or electrical shock.**

CAUTION:

- **Some states or provinces may have laws limiting the use of video screens while driving. Use this system only where it is legal to do so.**

NOTE:

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

ROUTE GUIDANCE

The main features of the NISSAN Navigation System are visual guidance and voice guidance in selected map coverage areas. Utilising a network of GPS (Global Positioning System) satellites, the NISSAN Navigation System tracks the location on the map and navigates to a preferred location.
Once you set the destination in a map coverage area, the NISSAN Navigation System will calculate a route from your current location to your destination. The real-time map display and turn-by-turn voice guidance leads the driver along the route. These features can be especially helpful when driving to unfamiliar locations.
The system may be unable to set a destination and/or calculate a route when the destination is outside the map coverage area. Additionally, voice guidance may not be available if the destination is outside the map coverage area. For more information on how to set a destination, refer to Section 4.

NOTE:

- **In some regions restricted areas may not be announced or displayed. The driver will not be warned if the route is via a restricted area (private road, time restricted road, seasonal roads, etc.), always follow local regulations.**

POI DIRECTORY

The NISSAN Navigation System offers an extensive POI directory in map coverage areas. This directory includes a wide variety of destinations. By accessing the Places directory, you can search for addresses for a destination, and just by pushing a button, the NISSAN Navigation System will calculate a route to the destination.
The POI directory has many uses. For example, the directory can be sorted by the various types of restaurants near your current location. If you need a bank or a petrol station, the NISSAN Navigation System can navigate you to the closest preferred location using the Places entered in the system.

☞ “Setting a destination from points of interest” (page 4-5)

ADDRESS BOOK

The address book can store up to 50 locations from map coverage areas into a personal directory. This is especially useful for frequently visited locations, such as clients, relatives and friends. The address book function allows easy access to frequently visited locations when setting them as your destination.

☞ “Setting a destination from the address book” (page 4-10)

VOICE GUIDANCE

Route guidance is provided through voice and visual instructions. Voice guidance announces the appropriate directions when approaching an intersection at which you need to turn. To repeat the voice guidance, touch the direction indicator key.
The voice guidance can be alternately enabled or disabled by touching and holding the direction indicator key on the screen for about two seconds.

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. 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.

DETAILED MAP COVERAGE (MCA) FOR THE NAVIGATION SYSTEM

This system is designed to help you reach your destination, and also performs other functions as outlined in this manual. 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.
Map data is available on the provided SD-card. For information about the map SD-card, contact a NISSAN dealer or qualified workshop.

Map data includes 2 types of areas: detailed coverage areas, providing all detailed road data and other areas showing main roads only.

NOTE:

Detailed map data is not available in many areas and is generally limited to select major metropolitan areas.

WHEN A GREY ROAD IS DISPLAYED ON THE MAP

- Route calculation may not be possible when a destination or the current vehicle location is near a grey road.
- Route guidance (enlarged view and voice guidance) may not be available at the intersection where the road your vehicle is driving on and a grey road intersect.
- Places information and street names near grey roads are not contained in the map data.
- The NISSAN Navigation System may not calculate a route if the current vehicle location is too far away from the destination. In this case, please divide your trip by selecting one or two intermediate destinations.
- To reach your destination, refer to the map screen. Always follow actual roads and regulations and drive safely.
- 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, follow the actual information available.
- During route calculation, the map will not scroll, however the vehicle icon will move with the actual vehicle's movement.
- In some cases, after the calculation is complete, the calculated route may not be immediately displayed.
- 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 multiple 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 not connect completely at some waypoints.
  - 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 will then appear on the screen. Try recalculating when the vehicle is 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 will then appear on the screen.
  - If it is impossible to reach the destination or waypoints because of traffic regulations, etc.
  - If the only target route to 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.

☞ “Vehicle icon” (page 10-3)

– In some cases, the system shows an indirect route to the destination or waypoints if you set them from stored or places information. In order to correct, you must be careful about the traffic direction, especially when lanes with different travel directions are shown separately, such as interchanges and service areas.

– Even if the freeway preference is set to OFF, a route that uses the freeway may be suggested.

– Even if the preference is set to OFF, a route that uses a ferry line may be suggested.

– Ferry lines, excluding those that are only for pedestrians, bicycles and motorcycles, are stored in this system. Take into consideration the travel time required and operational condition before deciding whether to use the route.

NOTE:

- **In some regions restricted areas may not be announced or displayed. The driver will not be warned if the route is via a restricted area (private road, time restricted road, seasonal roads, etc.), always follow local regulations.**

BASICS OF VOICE GUIDANCE

The voice guidance announces which direction to follow when approaching an intersection where a turn is required.
After setting the route, select [Start] to begin route guidance.
During route guidance, the system navigates you through the guide points using visual and voice guidance.

NOTE:

- **The navigation system visual and voice guidance is for reference purposes only. The contents of the guidance may be inappropriate depending on the situation.**
- **There may be some cases in which voice guidance and actual road conditions do not correspond. This may occur because of discrepancies between the actual road and the information on the map data, or 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 noticed on the road.**
- **Route guidance provided by the navigation system does not take carpool lane driving into consideration, especially when carpool lanes are separated from other road lanes.**

DIRECTIONS PROVIDED AND THE DISTANCES TO GUIDE POINTS

Directions will differ, depending on the road type.

INFO:

Distances may vary, depending on the vehicle speed.

Notification when approaching the destination

Ordinary road:
The voice guidance will warn you when approaching your destination. To reach your destination precisely, refer to the map screen.

REPEATING VOICE GUIDANCE

This function is available throughout route guidance, from the time after the route calculation is completed until the vehicle arrives at the destination.
Touch the direction indicator to repeat the voice guidance.

INFO:

- If you touch the direction indicator when you have deviated from the suggested route, voice guidance will announce proceed to the highlighted route.
- If you touch the direction indicator when you are 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 your 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 to you. Refer to the map and recalculate the route.
- 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, or unknown street name may be displayed.
- Voice guidance is not available when the feature is disabled in the SETUP menu.
- 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 reached your intermediate destination on the (left/right) side. Voice guidance will switch to the next section of the route. When voice guidance is not available, refer to the map for directions.
- In some cases, voice guidance ends before arrival at the destination. Refer to the destination icon on the map to reach the destination.
- If the system recognizes on which side the destination (waypoint) is located, voice guidance will announce on the right/left after announcing the arrival at the destination.
- Voice guidance may be partially operational or inoperative due to the angle of roads at an intersection.
- Because it is not possible to consider data concerning roads that are seasonally available or unavailable, a route may be displayed that does not match the actual traffic restrictions. Be sure to follow the actual traffic restrictions while driving.

- Canada and Alaska contain many roads with incomplete map data. As a result, when searching for a route, the route may include roads with incomplete data. In regions where road data is not complete, voice guidance may stop for long periods of time. Be sure to follow the actual traffic restrictions while driving.

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 A LIQUID CRYSTAL DISPLAY

- If the temperature inside the vehicle is especially low, the display will stay relatively dim or the movement of the images may be slow. These conditions are normal. The display will function normally when the interior of the vehicle has warmed up.
- Some pixels in the display are darker or brighter than others. This condition is an inherent characteristic of liquid crystal displays, and it is not a malfunction.
- A remnant of the previous display image may remain on the screen. This screen burn is inherent in displays, and it is not a malfunction.

INFO:

The screen may become distorted by strong magnetic fields.

MAINTENANCE OF THE DISPLAY

CAUTION:

- **To clean the display, never use a rough cloth, alcohol, benzine, thinner, any kind of solvent, or paper tissues with chemical cleaning agent. They would scratch or deteriorate the panel.**
- **Do not splash any liquid such as water or car fragrance on the display. Contact with liquid will cause the system to malfunction and damage the hardware.**

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

MEMO

MEMO

MEMO

MEMO

MEMO

10 Troubleshooting guide

Basic operations 10-2
Vehicle icon 10-3
Map SD-card route calculation and visual guidance 10-4
Voice guidance 10-5

Symptom	Possible cause	Possible solution
No image is displayed.	The brightness is at the lowest setting.	Adjust the brightness of the display.
	The display is turned off.	Press the ☼/☽ button to turn on the display.
	The system is in overheat mode due to excessive high temperature.	Wait until the system cools down.
No voice guidance is available. or The volume is too high or too low.	The volume is not set correctly, or it is turned off.	Adjust the volume of voice guidance or turn voice guidance on.
No map is displayed on the screen.	The map SD-card is not inserted.	Insert the map SD-card correctly.
A screen other than map screen is displayed.	Press MAP.	
The screen is too dim. The movement is slow.	The temperature in the interior of the vehicle is low.	Wait until the interior of the vehicle has warmed up.
Some pixels in the display are darker or brighter than others.	This condition is an inherent characteristic of liquid crystal displays.	This is not a malfunction.
Some menu items cannot be selected.	Some menu items become unavailable while the vehicle is driven.	Park the vehicle in a safe location, and then operate the navigation system.

NOTE:

Locations stored in the Address Book and other memory functions may be lost if the vehicle's battery is disconnected or is discharged. If this occurs, service the vehicle's battery as necessary and re-enter the information in the Address Book.

VEHICLE ICON

Symptom	Possible cause	Possible solution
Names of roads and locations differ between 2D and 3D mode.	This is because the quantity of the displayed information is reduced so that the screen does not become difficult to read. There is also a chance that names of the roads or locations may be displayed several 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 ignition switch was turned off by a ferry or car transporter, for example.	Drive the vehicle for a while on a road where GPS signals can be received.
	The position and direction of the vehicle icon may be incorrect depending on the driving environments and the levels of positioning accuracy of the navigation system.	This is not a malfunction. Drive the vehicle for a while to automatically correct the position and direction of the vehicle icon. ☞ “Current vehicle location” (page 9-3)
When the vehicle is travelling on a new road, the vehicle icon is located on another road nearby.	The system automatically places the vehicle icon on the nearest available road, because the new road is not stored in the map data.	Updated road information will be included in the next version of the map SD-card.
The map does not scroll even when the vehicle is moving.	The current location map screen is not displayed.	Press the **<MAP>** button.
The vehicle icon is not displayed.	The current location map screen is not displayed.	Press the **<MAP>** button.

Symptom	Possible cause	Possible solution
The message [Error] appears.	The SD-card is not recognised by the system.	Replace the map SD-card if you see any damage.
In the automatic reroute calculation, the waypoint is not included.	A waypoint that you have already passed is not included in the automatic reroute calculation.	If you want to go to that waypoint again, you need to add it back to 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 cancelled.	Turn on route guidance.
The automatic 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.
The suggested route is not displayed.	Roads near the destination cannot be calculated.	Reset the destination to a main or ordinary road, and recalculate the route.
	The starting point and destination are too close.	Set a more distant destination.
	The starting point and destination are too far away.	Divide the trip by selecting one or two intermediate destinations, and perform route calculations multiple times.
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.	This may be caused by insufficient or incorrect data on the map SD-card.	Updated information will be included in the next version of the map SD-card.
The suggested route does not exactly connect to the starting point or destination.	There is no data for route calculation closer to these locations.	Set the starting point and destination on a main road, and perform route calculation.

Symptom	Possible cause	Possible solution
Voice guidance is not available.	In some cases, voice guidance is not available even when the vehicle should make a turn.	This is not a malfunction.
	The vehicle has deviated from the suggested route.	Go back to the suggested route or request route calculation again.
	Voice guidance is set to OFF.	Turn voice guidance ON.
The guidance content does not correspond to the actual condition.	The content of voice guidance may vary, depending on the types of intersections where turns are made.	Follow all traffic rules and regulations.

MEMO

11 Index

A

About route guidance 4-2
About the map data 3-11
Access in-vehicle apps 7-2
Address book 9-3
Antenna 5-17
Audio
– Audio operation precautions 5-2
– Audio system 5-2
Audio file operation 5-13
Audio main operation 5-17
Audio sources 5-5
Available destination setting methods 4-4
Available setting items 4-3
Avoiding roads ahead or in the route list 8-5

B

Basic operation 2-7, 4-3
Basic operations 10-2
Basics of voice guidance 9-5
Beep tones 8-2
Bluetooth® Hands-Free Phone System 6-2
Bluetooth® settings 6-5
Bluetooth® streaming audio 5-16
Brightness 8-3

C

Camera display setup 8-3
CD care and cleaning 5-13
Changing the map scale 3-6
Characteristics of a liquid crystal display 9-7
Clock setup 8-4
Compact disc (CD) player operation 5-11
Compatibility 5-15
Connect Phone 7-2
Connecting a device to the USB input jack 5-13
Connecting Bluetooth® audio 5-16
Connecting iPod® 5-14
Connecting/Pairing Procedure 6-3
Control buttons and functions 2-2
Current vehicle location 9-3

D

DAB radio 5-7
DAB radio operation 5-9
Detailed map coverage (MCA) for the navigation system 9-3
Directions provided and the distances to guide points 9-6
Display of current vehicle location 9-3
Display settings 8-3
During a call 6-4

E

Eco score 8-5
End-user terms 3-12
Ending a call 6-5

F

Factory settings 8-2
Features of this navigation system 9-2
FM/AM radio operation 5-9
FM/AM radio with compact disc (CD) player 5-7
For safe operation 1-2

H

How to handle the display 9-7
How to handle the SD-card 3-11
How to input characters 2-8
How to order map data updates 3-11
How to use this manual 1-2

I

INFO button 8-5
iPod® main operation 5-15
iPod®* player operation 5-14

L

Lane information 3-10
Language setup 8-4
Laser product 1-3
Looking at information on the map 3-6

M

Maintenance of the display 9-7
Making a call 6-4

Map options menu screen 3-5
Map scale 3-6
Map SD-card 3-10
Map SD-card route calculation and visual guidance 10-4
Map settings for the map screen 3-8
Map symbols 3-6
Map types 3-2
Menu screen operation 2-8
Moving a map 3-4
My Points of Interest/User-defined points of interest (POIs) 4-8

N

Navigation screen 4-3
NissanConnect App Smartphone Integration 7-2
Notes on voice guidance 9-6

P

Phonebook 6-4
POI directory 9-3
Precautions
– Audio operation precautions 5-2

R

RDS 5-9
Receiving a call 6-4
Reference symbols 1-2
Registration & activation 7-2
Repeating voice guidance 9-6
Returning to the current vehicle location 3-4
Route calculation 9-4
Route guidance 9-2, 9-5

S

Safety information 9-2
Safety note 1-2
Screen information (2D, 2DN or 3D) 3-3
SD-card replacement 3-11
Searching for nearby Points of Interest 4-5
Searching for Points of Interest in another city 4-7
Searching for Points of Interest near current location 4-6
Setting a destination 4-4
Setting a destination from a new or street address ... 4-4
Setting a destination from points of interest 4-5
Setting a destination from the address book 4-10
Setting a new entry to the address book 4-10
Setting an entry as a destination 4-11
Setting an intersection as a destination 4-11
Steering wheel switch 2-7
Steering wheel switch for audio control 5-17
System settings 8-2

T

Telephone Setup 6-6
Temperature Unit Settings 8-3
Touch click 8-2
Touch screen operation 2-7

U

USB interface 5-13

V

Vehicle icon 10-3
Voice guidance 10-5, 9-3
Voice guidance during route guidance 4-2

W

What is GPS (Global Positioning System)? 9-3
When a grey road is displayed on the map 9-4

NISSAN

OM14E-L2KE1E

Printing: February 2014 (01)
Publication No.: OM14E-L2KE1E
Printed in France
Nissan International SA - Switzerland

L2K-U2