

Owner's Manual

PN-4300

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1. System Overview

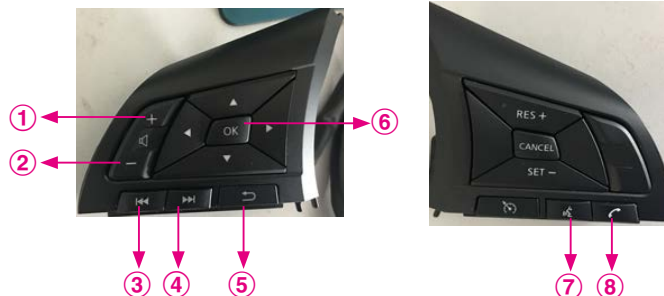
Control of This Unit



(Fig 1-1)

- ① **[POWER]** button: press to turn audio playback on/off.
[VOLUME] knob: rotate to turn volume up/down.
- ② **[◀◀]** button: track / folder down;
[▶▶] button: track / folder up.
- ③ **[AUDIO]** button: press to enter the audio source or audio playback screen.
- ④ **[TEL]** button: press to switch to the Bluetooth phone menu screen.
- ⑤ **[MENU]** button: press to enter the home menu screen.
- ⑥ **[SETTING]** button: press to enter the setting screen.
- ⑦ **[BACK]** button: press to return to the previous screen.
- ⑧ **[TUNE]/[SCROLL]** knob: rotate to tune up/down, track up/down; press to switch sound.
- ⑨ **[Day/Night]** button: (short) change night mode;
(long) display OFF
- ⑩ **[CAMERA]** button: open camera setting.

Steering Remote Control



- ① **[+]** button: volume up.
- ② **[-]** button: volume down.
- ③ **[◀◀]**: track / folder down
- ④ **[▶▶]** button: track / folder up.
- ⑤ **[BACK]** button: press to return to the previous screen.
- ⑥ **[OK]** button: press to enter the audio source or audio playback screen.
- ⑦ **[VR]** button: start Siri.
- ⑧ **[hook]** button: press to switch to the Bluetooth phone menu screen or press to hang up the calling.

Silver box to supply power and simulate some signals

These LEDs lights when each switches(+B, ACC, IGN) become to turn on

+B Switch, ACC Switch and IGN Switch

PKB Switch and Navion Switch

NOT USE

NOT USE

the INPUT of +14V

NOT USE

共通型電源BOX

NOT USE. Please make use to turn off these test switches.

Speed Knob



Turning on+B and ACC switch is as same as key position is ACC

Turning on+B and ACC and IGN switch is as same as key position is on

2. Common Operations

Home Menu

- ① Press the **[MENU]** button to enter the main menu screen.

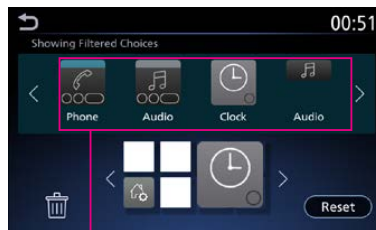


(Fig 2-1-1)

For the CarPlay Audio, Bluetooth Audio and iPod touchkeys, you should customize the home menu.

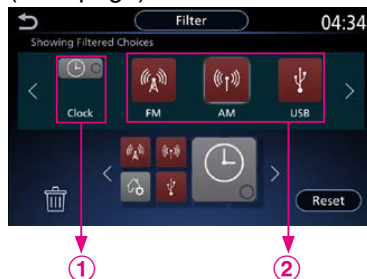
■ Customize Home Menu

In the home menu screen ((Fig 2-1-1) page 4), please touch **Customize Home Menu** to customize the home menu.



(Fig 2-1-2)

(Next page)



(Fig 2-1-3)

- ① widget icons

- ② function icons

Drag an icon from the top area to the bottom area.

Audio Source Switch

- ① While in the audio playback screen, press **[AUDIO]** button to enter the audio source screen. This unit supports AM/FM, SiriusXM, USB/iPod, Bluetooth Audio, Apple CarPlay and Android Auto audio source playback.

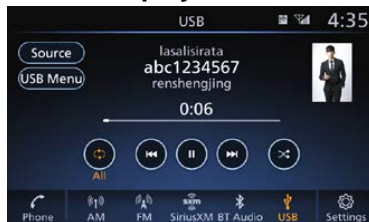


(Fig 2-2-1)

Displays

The audio source playback can be displayed in the main display, home menu widget display and the meter display.

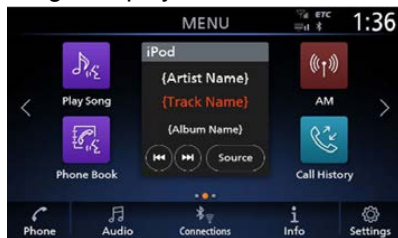
Main display



(Fig 2-3-1)

Home Menu Widget Display

For the widget display, please go to the customized home menu ((Fig 2-1-2) page 4) to customize the widget display.



(Fig 2-3-2)



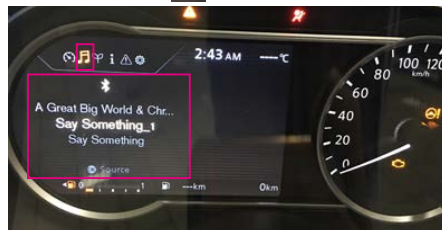
(Fig 2-3-3)

Meter Display

Some information is displayed in this area.

Bluetooth audio playback, iPod, Apple CarPlay music or Bluetooth phone call information is displayed, too.

- ① Please press the [◀] or [▶] button of the steering remote control to switch the menu item.



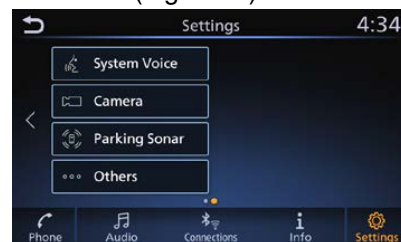
(Fig 2-3-4)

Settings

- ① Press the [SETTING] button to enter the settings screen.



(Fig 2-4-1)



(Fig 2-4-2)

Sound Settings

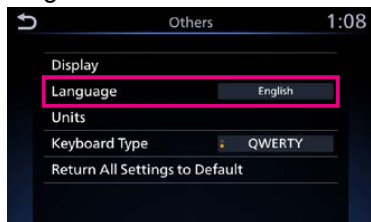
- ① In the settings screen((Fig 2-4-1) page 5), please touch **Sound** to enter the sound settings screen.



(Fig 2-4-3)

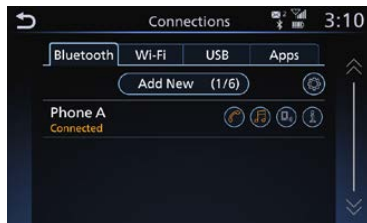
■ Language Settings

- ① In the settings screen((Fig 2-4-2) page 5), touch **Others** and then **Language** to enter the language settings screen.



Connections

- ① In the settings screen((Fig 2-4-1) page 5), please touch **Connections** to enter the connections screen.

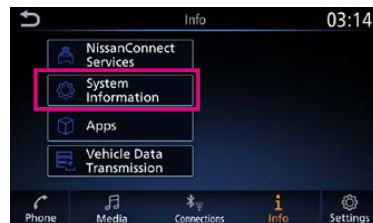


(Fig 2-5-1)

- **Bluetooth**: touch to pair, connect or delete Bluetooth device.
- **Wi-Fi**: touch to connect Wi-Fi.
- **USB**: touch to view the information of connected USB.
- **Apps**: touch to view the information of connected Apps.

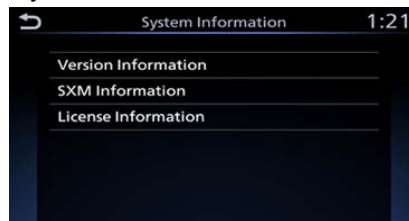
Informations

- ① In the settings screen((Fig 2-4-1) page 5), please touch **Info** to enter the information screen.



(Fig 2-6-1)

- ② Touch **System Information** to check the system information.

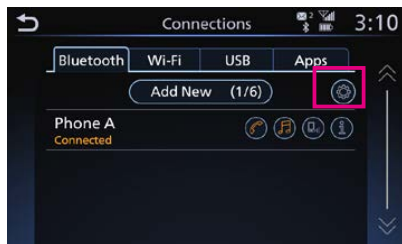


(Fig 2-6-2)

3. Bluetooth Operations

Bluetooth Settings

- ③ In the settings screen ((Fig 2-4-1) page 5), please touch **Connections** to enter Bluetooth connections screen.



(Fig 3-1-2)

- ④ Touch  to enter the Bluetooth settings screen.



(Fig 3-1-3)

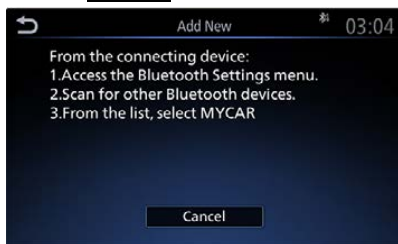
- **Bluetooth**: Bluetooth on or off.

- **Allow 2 Phones Simultaneously**: allow connect 2 phones with this unit simultaneously.
- **Favorite Phone**: give top priority to connect to this phone.
- **Favorite Audio**: give top priority to connect to this audio device.
- **Device Name**: edit the device name of this unit.
- **PIN**: edit the PIN code.

■ Pairing Bluetooth Device

Please turn Bluetooth of this unit to be on before pairing.

- ① On the Bluetooth connections screen ((Fig 3-1-2) page 7), touch **Add New**.



(Fig 3-1-4)

- ② Look for this unit's device name from your Bluetooth device.
(Default device name: **MYCAR**)

- ③ According the prompt message, please enter or confirm PIN to pairing from your Bluetooth device.
- ④ After successful pairing, it will return to the Bluetooth connections screen ((Fig 3-1-2) page 7) and your Bluetooth device is displayed in the paired list. "**Connected**" is displayed below the device name. And the corresponding icons  and  are lit.

■ Connect , Disconnect or Delete a Paired Bluetooth Device

On the Bluetooth connections screen ((Fig 3-1-2) page 7):

- Touch a paired Bluetooth device to connect or disconnect to the device.
- Touch  to connect or disconnect as a phone object.
- Touch  to connect or disconnect as a audio object.

- Touch  to enter the device information screen.



(Fig 3-1-5)

You can check the available features of the device, including Call, Phonebook, Send Text, Receive Text, Audio Streaming. Touch **Delete** to delete the paired device.

Phone Settings

- ① In the settings screen ((Fig 2-4-1) page 5), touch **Phone** to enter the phone setting screen.

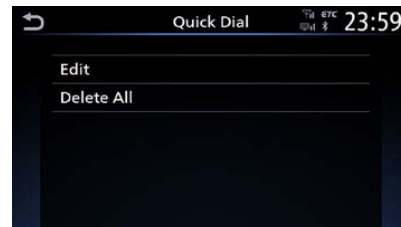


(Fig 3-2-1)

- **Connections**: enter the Bluetooth connections screen ((Fig 3-1-3) page 7).
- **Automatic Hold**: when there is a coming call whether put the call on hold or not automatically.

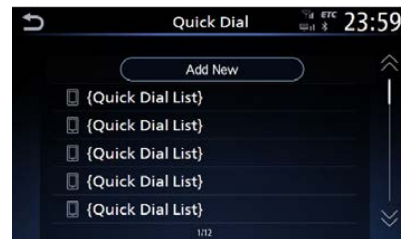
■ Adding or Editing Quick Dial

- ① In the phone setting screen ((Fig 3-2-1) page 8), touch **Quick Dial** to enter the quick dial screen.



(Fig 3-2-2)

- **Delete All**: delete all of the quick dial list.
- ② Touch **Edit** to enter the quick dial list screen.



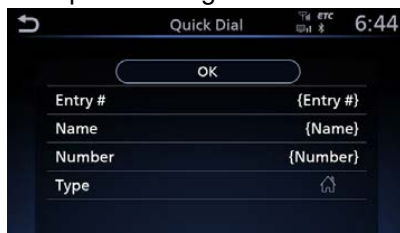
(Fig 3-2-3)

- **{Quick Dial List}**: touch to edit or delete the quick dial list.
- ③ Touch **Add New** to enter the adding new list screen.



(Fig 3-2-4)

- **Copy from Call History**: copy from call history as a quick dial.
 - **Copy from Phonebook**: copy from phonebook as a quick dial.
 - **Enter Number by Keypad**: enter phone number by keypad as a quick dial.
- ④ After copying or inputting, it enter the quick dial register screen.



(Fig 3-2-5)

- **Entry #**: select another quick dial as the new quick dial.
- **Name**: change the quick name.
- **Number**: input new number as quick dial.

- **Type**: change quick dial type including Mobile, Main, Home, Office and Other.
- ⑤ Touch **OK** to register the number or list as a quick dial.

■ Phonebook Settings

- ① In the phone setting screen ((Fig 3-2-1) page 8), touch **Phonebook** to enter the phonebook setting screen.



(Fig 3-2-6)

- **Download Entire Phonebook**: download the entire phonebook from the connecting phone manually.
- **Auto Downloaded**: while pairing or connecting a Bluetooth device the phonebook and call history will be downloaded automatically.
- **Sort Phonebook by**: switch sorting method of phone book by first name or last name.

■ Text Message Settings

- ① In the phone setting screen ((Fig 3-2-1) page 8), touch **Text Message** to enter the text message setting screen.



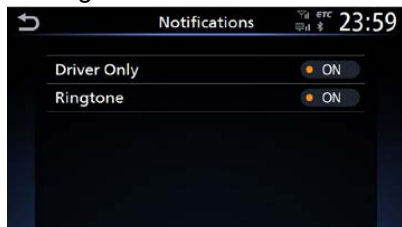
(Fig 3-2-7)

- **Text Message**: turn the text message function on or off.
- **Text Message Ringtone**: whether there is a ringtone notification when receiving a text message.
- **Signature**: when this function setting ON, when sending a texmessage, the text message will be added a signature "**Sent from XXX**". "**XXX**" is the vehicle name of factory configuration.
- **Auto Reply**: when this function setting ON, reply the pre-set fixed text message to the received new mail. Auto reply only once, do not reply if failed.

- **Auto Reply Text Message**: you can set the fixed or customized message as the auto reply text message.
- **Edit Custom Text**: add, edit or delete the customized message for auto replying.

■ Notifications Settings

- ① In the phone setting screen ((Fig 3-2-1) page 8), touch **Notifications** to enter the notifications settings screen.



(Fig 3-2-7)

- **Driver Only**: while setting On, when there is an incoming call or a new text message, the incoming call screen or the new text message is not displayed in this unit's display, and there is no ringtone notification.
- **Ringtone**: while setting On, when there is an incoming call or a new text message, there is ringtone notification.

Bluetooth Phone Operations

Before operate the Bluetooth Phone you must pair the mobile phone with this unit. Refer to “**Pairing Bluetooth Device**” on Page 7.

- ① Press the [↶] button to enter the phone menu screen.
If there is no phone connected, besides the **Connections**, the other keys are unavailable.



(Fig 3-3-1)

■ Multipoint phone

This unit allow you connect 2 phones with this unit simulatananeously. You can view the call history, phonebook, text message and so on of the 2 connected phones. The device name will appear the corresponding screen, and you can switch the device in some screens.

Take Phonebook for example. While 2 phones connected, you can change the device.



■ Download Call History, Phonebook and Text Message

The call history, phonebook and text message of the Bluetooth phone can be downloaded to this unit.

While the “**Auto Downloaded**” (**Phonebook Settings** page 9) and “**Text Message**” (**Text Message Settings** page 9) are set to ON, when a Bluetooth phone is paired connected with this unit at first time, The call history, phonebook and text message will be downloaded automatically.

Note:

- Text message downloading is only valid for the phones that support text message downloaded.

- ① While the “**Auto Downloaded**” (**Phonebook Settings** page 9) and “**Text Message**” (Text Message Settings page 9) are set to ON, touch **Phonebook**, **Call History** or **Text Message** on the phone menu screen ((Fig 3-3-1) page 10) to enter the call history, phonebook or text message screen.

- ② Touch **Yes** to go to the Phonebook, Call History or Text Message list screen.

If the call history, phonebook and text message have already been downloaded, they will be updated. Please accept downloading when the Bluetooth phone receives a request.

- ③ After downloading is successful, the call history, phonebook and text message will be displayed on the screen.

Note:

- The phonebook and call history will be downloaded or updated at the same time.

■ Make Outgoing Call

There are 5 ways to make outgoing call.



(Fig 3-3-2)

Enter Numbers to Dial

- ① In the phone menu screen ((Fig 3-3-1) page 10), Touch **Dial Number** to enter the Dial Number screen.

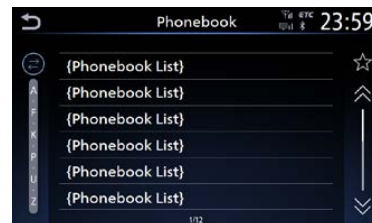


(Fig 3-3-3)

- ② After finish entering the phone numbers, touch **OK** to make calling.

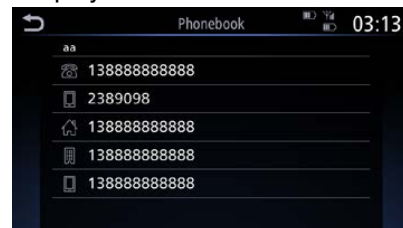
Call from Phonebook

- ① In the phone menu screen ((Fig 3-3-1) page 10), touch **Phonebook** to enter the phonebook screen .



(Fig 3-3-5)

- ② Touch to select a contact to display the details.



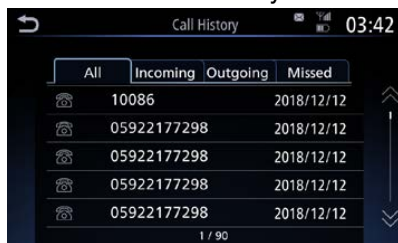
(Fig 3-3-6)

- ③ Touch to select a phone number to call.

Call from Call History

- ① In the phone menu screen ((Fig 3-3-1) page 10), touch **Call History**

to enter the call history screen.



(Fig 3-3-7)

- ② Touch to select a call list to make outgoing call.

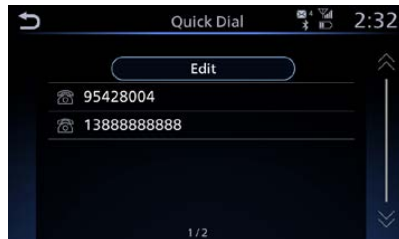
Call from Text Message

- ① Enter the text message screen ((Fig 3-3-12) page 13)
- ② Touch **Call** to make outgoing call.

Call by Quick Dial

After adding quick dial list (**Adding or Editing Quick Dial page 8**), you can make outgoing call by quick dial.

- ① In the phone menu screen(Fig 3-2-1), touch **Quick Dial** to enter the quick dial screen.



(Fig 3-3-9)

- **Edit**: Touch to answer the call.
- ② Touch a quick dial list to make outgoing call.

Incoming call

- ① The following screen will be displayed when there is an incoming call.



(Fig 3-3-10)

- **Answer**: Touch to answer the call.
- **Decline**: Touch to decline the call.
- **Hold Call**: Touch to put the call on hold.

During a telephone call

- ① The following screen is displayed during a telephone call.



(Fig 3-3-11)

For 2 phones connected, the Device Name is displayed.

- **Hang up**: Touch to hang up the phone to hang up the call.
- **Mute**: You may touch if you do not want other party to hear the call under special circumstances. Touch again to make the call output from the vehicle speakers.
- **Dial Number**: Open the number pad if you need to enter PIN or code for some special calls, or if you want to make another outgoing call.
- **Use Handset**: Touch to use your phone to answer the call.

- **Switch Call**: When you make another outgoing call or there is another incoming during calling, touch to switch between the two calls.

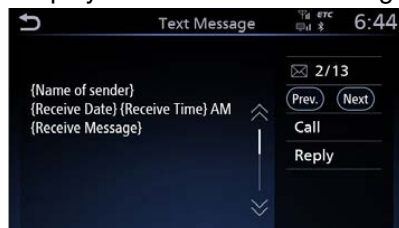
■ Reading and Text Message

- ① In the phone menu screen ((Fig 3-3-1) page 10), touch **Text Message** to enter the Text Message screen.



(Fig 3-3-12)

- ② Touch to select a text message to display the detailed text message.

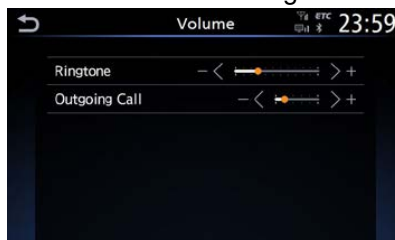


(Fig 3-3-13)

- **Prev.**: switch to the previous text message.
- **Next**: switch to the next text message.
- **Call**: make outgoing call.
- **Reply**: reply the text message.

■ Volume setting

- ① In the phone menu screen ((Fig 3-3-1) page 10), touch **Volume** to enter the volume setting screen.



(Fig 3-3-14)

- ② Touch **+** or **-** to adjust the ringtone or outgoing call volume.

Bluetooth Audio Operations

This unit only supports the playing of audio files instead of images or videos.

Notes:

- Before operate the Bluetooth Audio you must pair this unit with Bluetooth device which support audio file playing.
- The functions of some devices may vary due to different types of devices.

■ Select Bluetooth Audio mode

- ① Touch **Bluetooth Audio** on the audio source screen ((Fig 2-4-1) page 5) to enter the Bluetooth Audio playback screen.



(Fig 3-4-1)

If connected with the device which support AVRCP 1.3, repeat and random are unavailable; the

BT Menu is displayed as **Connections**, and touch it to enter the Bluetooth connections screen ((Fig 3-1-2) page 7).

If the playing track has an album artwork, the upper right icon  will be displayed as the track's album artwork.

■ Track up / down

- ① Touch  /  to go to the previous or next track.

■ Fast Forward / Fast Reverse

- ① Long press  /  for fast reverse or fast forward.

■ Pause / Play

- ① Touch  to pause.
- ② Touch  to resume playing.

■ Repeat Play

- ① Touch  to switch the repeat play mode.

: play one track repeatedly.

: play all tracks repeatedly.

: repeat off.

■ Shuffle Play

- ① Touch  to switch the shuffle play mode.

: play all tracks in random.

: random off.

■ Bluetooth Menu

- ① In the Bluetooth audio playback screen, touch **BT Menu** to enter the Bluetooth menu screen.



(Fig 3-4-2)

- **Now Playing**: return to the playing screen.
- **Current List**: go to the current list screen.
- **Connections**: go to the Bluetooth connection screen ((Fig 3-1-2) page 7).
- **{Folder List}**: enter the folder to select a track.

4. iPod Operations

This unit can play audio files stored in an iPod. You can use it as an audio device by simply copying desired audio files into it.

iPod Connection

Connect iPod device to USB port. When connecting iPod, this unit will read the files automatically. The track information display on the screen once playback start.

iPod Mode Selection

- ① Touch **iPod** in the audio source screen ((Fig 2-4-1) page 5) to enter the iPod playback screen.



(Fig 4-1-1)

If the playing track has an album artwork, the upper right icon 

will be displayed as the track's album artwork.

■Track up / down

- ① Touch  /  to go to the previous or next track.

■Fast Forward / Fast Reverse

- ① Long press  /  for fast reverse or fast forward.

■Pause / Play

- ① Touch  to pause.
- ② Touch  to resume playing.

■Repeat Play

- ① Touch  to switch the repeat play mode.



: play one track repeatedly.



: play all tracks repeatedly.



: repeat off.

■Shuffle Play

- ① Touch  to switch the shuffle play mode.



: play all tracks in random.



: random off.

■iPod Menu

- ① In the iPod playback screen ((Fig 4-1-1) page 15), touch **iPod Menu** to enter the iPod menu screen. And the category list is displayed. Category items: Playlists, Artists, Albums, Songs, Podcasts, Genres, Composer, Audiobooks.



{Category List}

(Fig 4-1-2)

- **Now Playing**: return to the playing screen.
- **Current List**: go to the current list screen.
- **Album Artwork**: set the album artwork of the playing track is displayed or not in the playback screen ((Fig 4-1-1) page 15).
- **{Category List}**: enter the category list to select a track.

5. Using Apple CarPlay

Just connect your iPhone to this unit, you can use Apple CarPlay, and the iPhone screens are displayed on the display and operated.

Various functions such as destination guidance, call incoming / outgoing, text message sending / receiving, audio playback, etc. can be used.

- Supported iPhones: iPhone 5 above

- Supported OS: iOS 7.0 above

Please use the supported iPhones, otherwise the Apple CarPlay functions will not be used abnormally.

Request:

- When you use the Apple CarPlay function, iPhone communication fee will be charged. The communication fee will be borne by the subscriber of the used iPhone.
- Depending on how you use it, the charge from mobile phone company may be expensive. Please check the price plan and usage of your mobile phone company in advance.

Depending on usage frequency, we recommend using the optimum rate plan such as flat rate data plan.

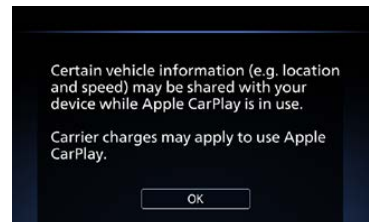
Notes:

- Apple CarPlay's operations may be restricted while driving.
- If the radio wave condition of the iPhone is bad, the operations of Apple CarPlay may be restricted.
- Operations such as audio playback may be restricted due to restrictions of Apple CarPlay application.
- Apple CarPlay's operations may be restricted depending on the model and state of the iPhone.

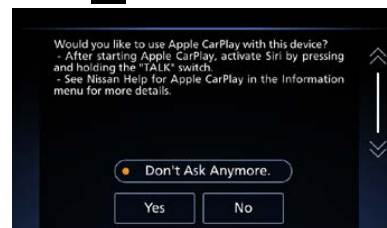
■ Starting Apple CarPlay

- ① Please connect your iPhone to the unit's USB port with the Apple lightning cable supplied with your iPhone.

The first time you connect, a prompt screen will appear.

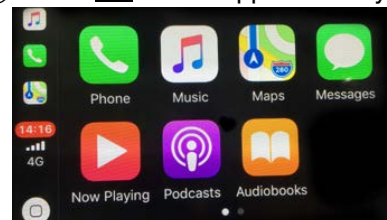


Touch **OK**.



(Fig 5-1-1)

- ② Touch **Yes** to use Apple CarPlay.



(Fig 5-1-2)

- ③ Press the [] button, it will enter the CarPlay phone screen; press the [AUDIO] button, it will enter the audio source screen ((Fig 2-4-1) page 5), and touch **Apple CarPlay** to enter the CarPlay music playck screen.

Note:

- After starting Apple CarPlay, the Bluetooth connection with the iPhone will be disconnected.

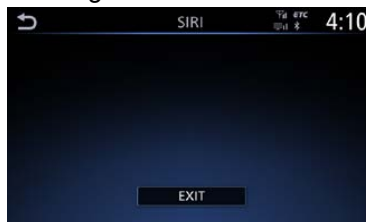
■To end the Apple CarPlay

Disconnect the iPhone from the USB port of this unit.

6. Using Siri

During Bluetooth connection with iPhone, you can use iPhone's voice assistant "Siri".

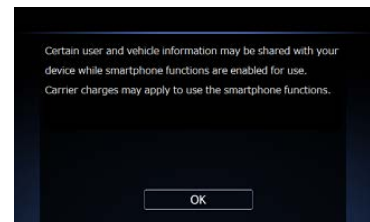
- Push and hold [VR] button on steering switch.



7. Using Android Auto

■Preparation and Connection

- ① Use the Google Play store in your Android smartphone to download and install Android Auto application.
- ② Connect the Android smartphone to the USB interface by the data cable supplied with Android smartphone.
- ③ When the connection prompt screen appears, touch [OK] to establish the connection.



8. Declaration of conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will

not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING:

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

The device must not be co-located or operating in conjunction with any

other antenna or transmitter.
FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons.