

# Thank you very much for purchasing 9.2" Premium 5 Generation GCS Navigation.

This user's manual explains how to use the 9.2" Premium 5 Generation GCS Navigation.

Before using the product, read the contents of this user's manual carefully and use this product safely.

- The screens shown in this manual may differ with the actual screens of the product.
- The design and specification of this product may change without prior notification for product improvement.
- When transferring the vehicle to another individual, include this user's manual so that the next driver can continue its use.



Maps for Life

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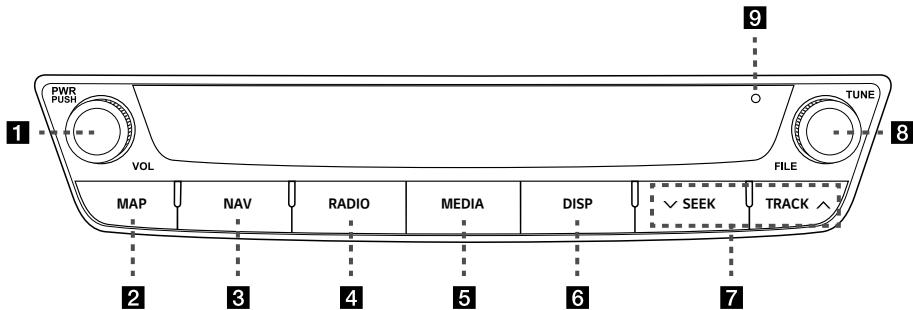
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# NAME OF EACH COMPONENT

## HEAD UNIT

The image of this product may be different from the actual product.



### 1 Power (PWR PUSH) button

- Power on: Press this button in power OFF status.
- Power off: Press and hold this button in power ON status.
- Press this button to turn AV on or off in power ON status.

### Volume control knob (VOL)

Turn left/right to control volume.

### 2 MAP button

- Press to display the map screen of the current location.
- Press to repeat the voice guidance when a destination is set.

### 3 NAV button

- Press to display the Navigation menu screen.
- Press and hold to move to the Destination Search screen.

### 4 RADIO button

Selects the FM/AM/SiriusXM mode. Each time the button is pressed, the mode is changed in order to FM > AM > SiriusXM > FM.

### 5 MEDIA button

Press this button to move to the media playing screen. Press this button again to display the Media menu screen.

### 6 DISP button

Press to turn the screen on or off.

### 7 V SEEK/TRACK $\wedge$ button

The previous/next item is selected or searched in each mode.

- Radio: A station with a good reception is selected
- USB, iPod: File Change (Short Press), Fast Forward/Reverse Search (Long Press)
- Bluetooth Audio: File Change
- Android Auto/Apple CarPlay: File Change

### 8 TUNE/FILE button

- FM/AM: Turn to change the frequency.
- SiriusXM mode: Turn to change the channel.
- Media mode: Turn to search for the desired file.

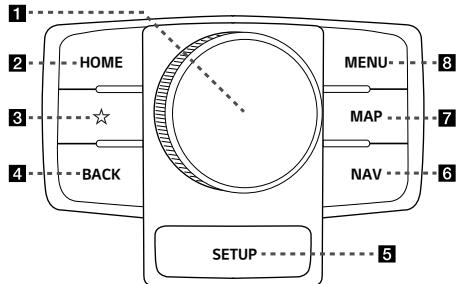
### 9 RESET hole

Press to reset the unit.

# NAME OF EACH COMPONENT

## DRIVER INFORMATION SYSTEM (DIS) CONTROL

The image of this product may be different from the actual product.



### 1 Controller

Press or rotate to navigate through the menu screen.

### 2 HOME button

- Press to move to the HOME menu screen.
- Press and hold to move to the map screen.

### 3 ☆ (Custom Button)

Press to move to the Custom Button menu. After setting a desired function, press to use the desired function. After setting it, press and hold to move to the Custom Button menu.

### 4 BACK button

- Press to move to the previous screen.
- Press and hold to move to the HOME menu screen.

### 5 SETUP button

Press to move to the Setup menu.

### 6 NAV button

- Press to display the Navigation menu screen.
- Press and hold to move to the Destination Search screen.

### 7 MAP button

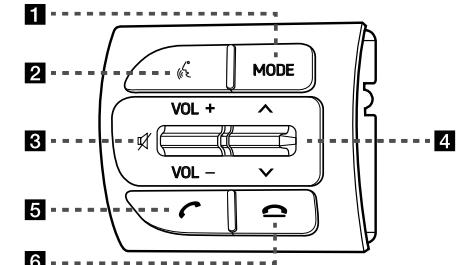
- Press to display the map screen of the current location.
- Press to repeat the voice guidance when a destination is set.

### 8 MENU button

Press to move to the pop-up menu in each mode.

## STEERING WHEEL REMOTE CONTROL

The image of this product may be different from the actual product.



### 1 MODE button

- Each time this button is pressed, the mode is changed. You can select the accessible media manually from Mode Button (Steering Wheel) menu. Only active/available media can be accessed.
- If the media is not connected, corresponding modes will be disabled.

# NAME OF EACH COMPONENT

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- Press and hold the button to turn the AV on/off.
- When power is off, press the button to turn power back on.

## 2 button

- Press the button to activate voice recognition mode.
- Press and hold the button to cancel voice recognition.

## 3 VOL + / VOL - button

Increases or decreases the volume level.

## button

Press to mute the sound.

## 4 button

When it is pressed shortly;

- FM/AM: plays broadcast frequencies saved to Favorites.
- SiriusXM mode: plays broadcast channels saved to Favorites.
- Media mode: plays previous/next file.

When it is pressed and held;

- FM/AM: changes the broadcast frequencies saved to Presets until the button is released.
- SiriusXM mode: changes the broadcast channels saved to Presets until the button is released.
- Media mode: rewinds or fast forwards the file.

## 5 button

When it is pressed shortly;

- Searches new Bluetooth phone or connects the registered phone if Bluetooth is not connected.
- If Bluetooth is connected,
  - Switches to the recent call history screen.
  - When pressed on the dial screen, makes a call.
  - When pressed on the incoming call screen, answers the call.
  - When pressed during call waiting, switches to waiting call (Call waiting).

When it is pressed and held;

- Searches new Bluetooth phone or connects the registered phone if Bluetooth is not connected.
- If Bluetooth is connected,
  - When pressed during a Bluetooth Hands-Free call, switches call back to mobile phone (Private)
  - When pressed while calling on the mobile phone, switches call back to Bluetooth Hands (Operates only when Bluetooth Hands-Free is connected)

## 6 button

- When pressed during a call, ends the phone call.
- When pressed on the incoming call screen, rejects the call.

# BASIC OPERATION

## SYSTEM ON/OFF

### STARTING THE SYSTEM FOR THE FIRST TIME

1. Press the engine start button. Once the system is turned on, the booting process will start and the safety warning page is displayed.



2. Press [Confirm]. If you want to change the system language, press [Language]. For more details, refer to "Language" on page 128.

### ! NOTE

- You cannot operate the system while it is booting up. It may take some time for all of features of the system boot up.
- The safety warning page is displayed every time the ignition is turned on. The displayed warnings are related to safety, please closely read and comply with the safety warnings.

## TURNING THE SYSTEM OFF

Press and hold [PWR PUSH] button on the head unit.

To turn the system on again, press [PWR PUSH] button on the head unit.

### ! NOTE

Check the volume when turning on the system. Before turning on the system, adjust the volume to a reasonable level.

## ADJUSTING THE VOLUME OR AV ON/OFF

### AV OFF

Press [PWR PUSH] button on the head unit when the AV is ON.

### AV ON

Press [PWR PUSH] button on the head unit when the AV is OFF.

## ADJUSTING THE VOLUME

Rotate the volume control knob [VOL] on the head unit.

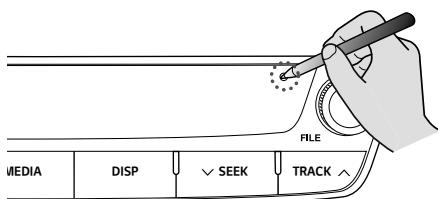
### ! NOTE

When you turn the unit off, the current volume level is automatically memorized. Whenever you turn the system on, it operates at the memorized volume level.

# BASIC OPERATION

## RESETTING THE SYSTEM

This feature is used to reset the system in the occurrence of an unforeseen error or problem. Press “RESET” button. (The use of a clip or pin is recommended when resetting the system.)



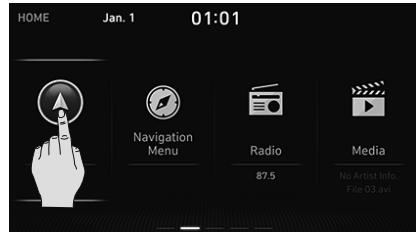
## USING THE CONTROLLER

This control is used to move and select menus.

Controller	Description
	Move in the menu by turning the controller left/right.
	Push the controller up/down/left/right/diagonally to move in the menu.
	Press the controller to select menu.

## USING THE TOUCH SCREEN

Press the desired menu on the screen to select a menu.



### ! NOTE

If you touch the screen while driving, the attention may be scattered and cause a traffic accident. For safety, please use after stopping.

# BASIC OPERATION

## GENERAL OPERATION OF THE MENU IN AVAILABLE MODE

### SOUND SETTINGS

This menu is used to adjust the sound effects for the whole system.

1. Press [Sound Settings] on the pop-up menu in Radio or Media mode.

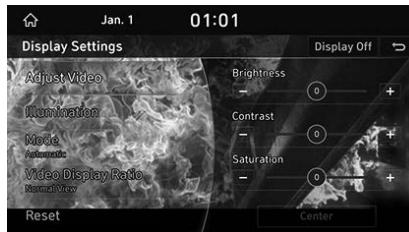


2. For more details, refer to the "Sound" on page 130.

### DISPLAY SETTINGS

This menu is used to control the display brightness and image rate for the whole system.

1. Press [Display Settings] on the pop-up menu in Video mode.



2. For more details, refer to the "Display" on page 134.

### SWITCHING TO SIMPLE OR NORMAL MODE

1. Press [Simple] in each mode screen. Or press [Menu] > [Simple Mode]. The Simple Mode screen appears.



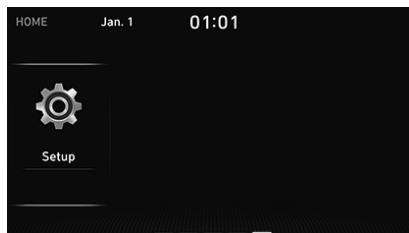
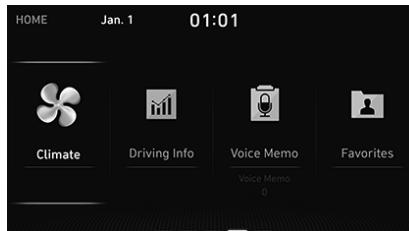
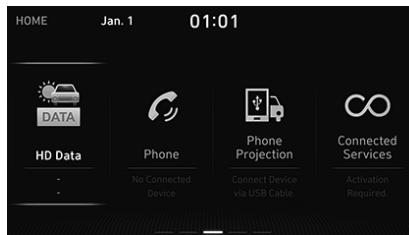
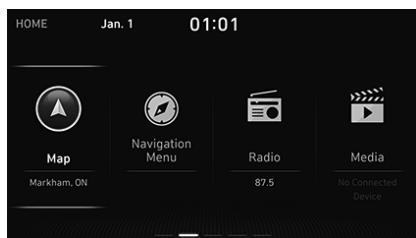
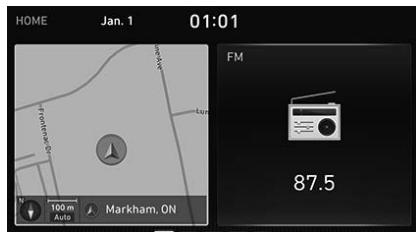
2. Press [Normal] to move to the Normal Mode. Or press [Menu] > [Normal Mode]. The Normal Mode screen appears.



# HOME SCREEN

## BASIC OPERATION OF HOME SCREEN

1. Press [HOME] button or . The HOME screen appears.



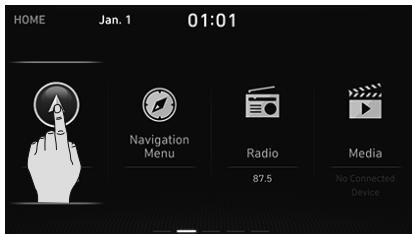
2. Press the desired menu on the HOME screen.
3. Subsequent operations will be performed according to the desired menu selection.

# HOME SCREEN

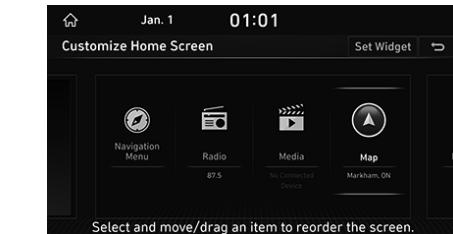
## CUSTOMIZING HOME SCREEN

You can change the position by pressing and holding the menu icon on the HOME screen.

1. Press and hold the desired menu icon on the HOME screen.



2. Press and drag an item to rearrange the screen.



3. Press [HOME] button or [ ].

# ADDING YOUR FAVORITE MENU ITEMS

## ADDING YOUR FAVORITE MENU ITEMS TO FAVORITES MENU

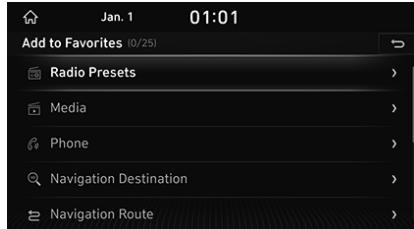
If your Favorite menu items have been already saved in the Favorites menu, it can be easily accessed.

1. Press [HOME] button or  > [Favorites].



2. Press [Add to Favorites].

If your Favorite menu items are already added, press [Menu] > [Add].



3. Select one of the categories.



4. Select the desired item(s), then press [Add].

- [Mark All]: Selects all items.
- [Unmark All]: Unmarks all items.
- [Cancel]: Exits Favorites screen.

### ! NOTE

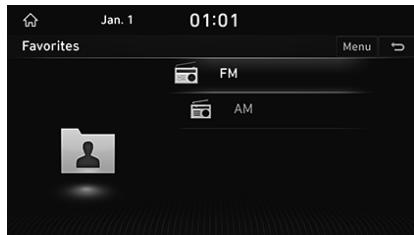
- A maximum of 25 items can be added to Favorites menu.
- If you select the menu item added to Favorites menu, it moves to the corresponding screen.

# ADDING YOUR FAVORITE MENU ITEMS

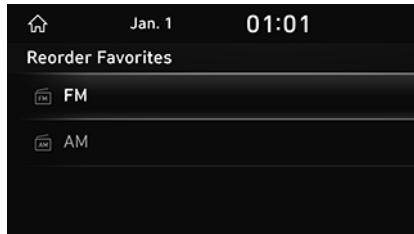
---

## REORDERING YOUR FAVORITE MENU

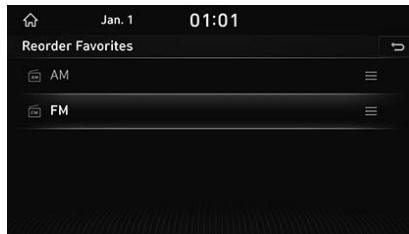
1. Press [HOME] button or  > [Favorites].



2. Press [Menu] > [Reorder].



3. Press and hold an item, then move it up/down to reorder.



## DELETING YOUR FAVORITE MENU

1. Press [HOME] button or  > [Favorites].
2. Press [Menu] > [Delete].



3. Select the desired item(s), then press [Delete] > [Yes].
  - [Mark All]: Selects all items.
  - [Unmark All]: Unmarks all items.
  - [Cancel]: Exits delete screen.

# PLAYING USB MUSIC

You can play music files saved in a USB memory device.

Connect a USB device to the USB port. Playback will start automatically.



## ! NOTE

To play USB music while a different source is playing, press [HOME] button or > [Media] > [USB Music].

## PAUSE

You can pause the playing file.

Press [**II**] on screen or with the controller.

Press [**▶**] on screen or with the controller to play it again.

## SKIP

You can play the previous or next file.

Position	Description
Screen	<ul style="list-style-type: none"><li>Press [<b>◀◀/▶▶</b>].</li><li>Pressing [<b>◀◀</b>] after 3 seconds of playback time plays the current track/file from the beginning.</li></ul>
Head unit	<ul style="list-style-type: none"><li>Press [<b>V SEEK/TRACK ▲</b>] button.</li><li>Pressing [<b>V SEEK</b>] button after 3 seconds of playback time plays the current track/file from the beginning.</li></ul>

## SEARCH

You can rewind/fast forward to a specific point of a file.

Position	Description
Screen	Press and hold [ <b>◀◀/▶▶</b> ] and then release at the point you want.
Head unit	Press and hold [ <b>V SEEK/TRACK ▲</b> ] button and then release at the point you want.
Controller	Push and hold the controller left or right and then release at the point you want.

## SEEK

You can play the file directly by searching for the desired file.

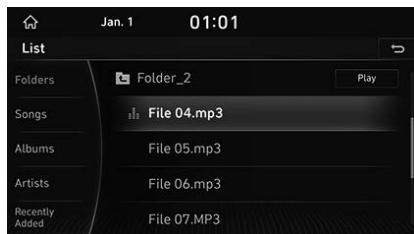
Turn [TUNE/FILE] button to search for a desired file. If the desired file is displayed, press the [TUNE/FILE] button to play the file.

# PLAYING USB MUSIC

## LIST

You can play the desired file by searching the file list included in USB.

1. Press [List]. Or press [Menu] > [List].



2. Press the desired file after searching for a category. The category can be sorted by [Folders], [Songs], [Albums], [Artists] or [Recently Added].

### ! NOTE

If you press [Play] on the list screen, plays from the first file within the selected folder.

## SHUFFLE

All files can be played randomly.

Press [Menu] > [Shuffle] from the playing screen.

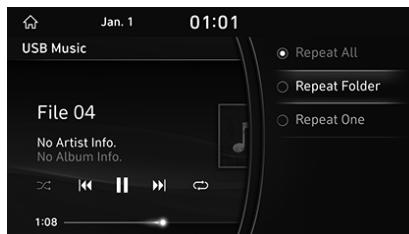
### ! NOTE

You can set or cancel the Shuffle function by pressing [▷] on the playing screen.

## REPEAT

The current playing file is played repeatedly.

1. Press [Menu] > [Repeat].



2. Press the desired item(s).

- [Repeat All]: Repeats all files. Displayed as [Repeat Album] or [Repeat Artist] during playback from the [Albums] or [Artists] category.
- [Repeat Folder]: Repeats all files within the current folder.
- [Repeat One]: Repeats the current file.

### ! NOTE

You can set or cancel the Repeat function by pressing [▷]/[◁]/[◀]/[▶] on the playing screen.

▷: Repeat All

◁: Repeat Album/Repeat Artist

(It is displayed when all files repeat during playback from the [Albums] or [Artists] category.)

◀: Repeat Folder

▶: Repeat One

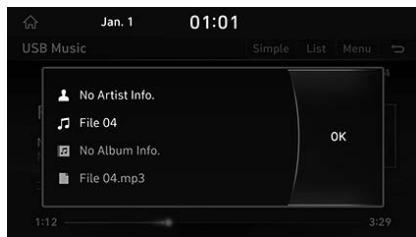
# PLAYING USB MUSIC

---

## SONG INFORMATION

This feature shows the artist, title, album and folder information of the song.

1. Press [Menu] > [Song Information].

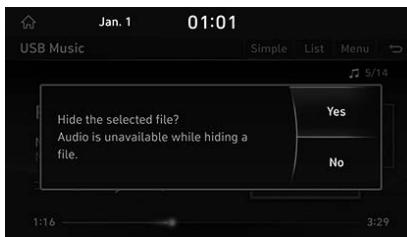


2. Press [OK].

## HIDE CURRENT FILE

You can hide the current playing file.

1. Press [Menu] > [Hide Current File] from the playing screen.



2. Press [Yes].

## SONGS FOR THIS ARTIST

Moves the artist list of the current song.

Press [Menu] > [Songs for This Artist].

### ! NOTE

You can go to the list by pressing artist on the playing screen.

## SONGS FOR THIS ALBUM

Moves the album list of the current song.

Press [Menu] > [Songs for This Album].

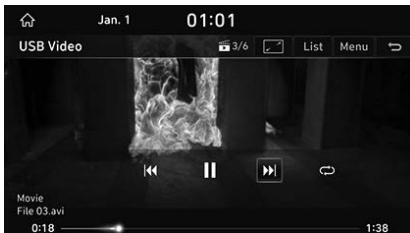
### ! NOTE

You can go to the list by pressing album art on the playing screen.

# PLAYING USB VIDEO

You can play video files saved in a USB memory device.

Connect a USB device to the USB port and playback starts automatically.



## ! NOTE

- To play USB Video while a different source is playing, press [HOME] button or [MEDIA] > [USB Video].
- Video is not available while driving.  
(Because of traffic regulations, video is only available while the vehicle is stopped or the transmission lever is put to P position.)

## PAUSE

You can pause the playing file.

Press [II] on screen.

Press [▶] on screen to play it again.

## SKIP

You can play the previous or next file.

Position	Description
Screen	<ul style="list-style-type: none"><li>Press [◀◀/▶▶].</li><li>Pressing [◀◀] after 3 seconds of playback time plays the current file from the beginning.</li></ul>
Head unit	<ul style="list-style-type: none"><li>Press [V SEEK/TRACK ▲] button.</li><li>Pressing [V SEEK] button after 3 seconds of playback time plays the current file from the beginning.</li></ul>

## SEARCH

You can rewind/fast forward to a specific point of a file.

Position	Description
Screen	Press and hold [◀◀/▶▶] and then release at the point you want.
Head unit	Press and hold [V SEEK/TRACK ▲] button and then release at the point you want.

## SEEK

You can play the file directly by searching for the desired file.

Turn [TUNE/FILE] button to search for a desired file. If the desired file is displayed, press the [TUNE/FILE] button to play the file.

# PLAYING USB VIDEO

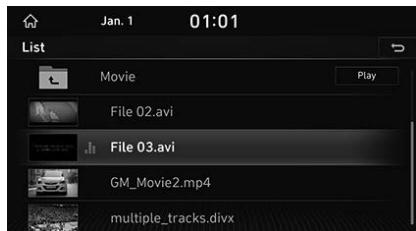
## SWITCHING TO MENU SCREEN OR FULL SCREEN

- Press the screen.
- Press  on the playing screen.
- Press [Menu] > [Full Screen].
- Wait 5 seconds to display the Full screen on the Menu screen.

## LIST

You can play the desired file by searching the file list included in USB.

1. Press [List]. Or press [Menu] > [List].



2. Press the desired file.

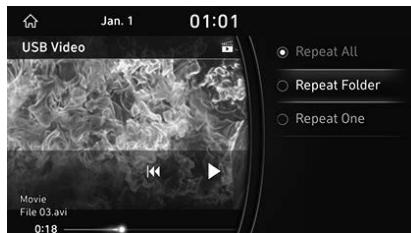
### ! NOTE

If you press [Play] on the list screen, plays from the first file within the selected folder.

## REPEAT

The current playing file is played repeatedly.

1. Press [Menu] > [Repeat].



2. Press the desired item(s).

- [Repeat All]: Repeats all files.
- [Repeat Folder]: Repeats all files within the current folder.
- [Repeat One]: Repeats the current file.

### ! NOTE

You can set or cancel the Repeat function by pressing // on the playing screen.

## FILE INFORMATION

This feature shows the name, resolution and playback time information of the file.

1. Press [Menu] > [File Information].



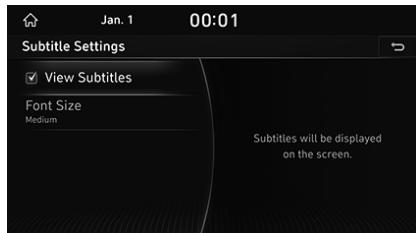
2. Press [OK].

# PLAYING USB VIDEO

---

## SUBTITLE SETTINGS

1. Press [Menu] > [Subtitle Settings].



2. Set the desired option.

- [View Subtitles]: Turns video subtitles on/off.
- [Font Size]: Adjusts the font size of video subtitles.

## VOICE SETTINGS

1. Press [Menu] > [Voice Settings].

2. Set the desired voice.

# PLAYING IPOD®

1. Use iPod exclusive cable to connect iPod to USB connector.
2. Press [HOME] button or [ ] > [Media] > [iPod]. It runs iPod mode.



## PAUSE

You can pause the playing file.

Press [ ] on screen.

Press [▶] on screen to play it again.

## SKIP

You can play the previous or next file.

Position	Description
Screen	<ul style="list-style-type: none"><li>• Press [&lt;◀◀/▶▶].</li><li>• Pressing [&lt;◀◀] after 3 seconds of playback time plays the current file from the beginning.</li></ul>
Head unit	<ul style="list-style-type: none"><li>• Press [V SEEK/TRACK ▲] button.</li><li>• Pressing [V SEEK] button after 3 seconds of playback time plays the current file from the beginning.</li></ul>

## SEARCH

You can rewind/fast forward to a specific point of a file.

Position	Description
Screen	Press and hold [<◀◀/▶▶] and then release at the point you want.
Head unit	Press and hold [V SEEK/TRACK ▲] button and then release at the point you want.

## SEEK

You can play the file directly by searching for the desired file.

Turn [TUNE/FILE] button to search for a desired file. If the desired file is displayed, press the [TUNE/FILE] button to play the file.

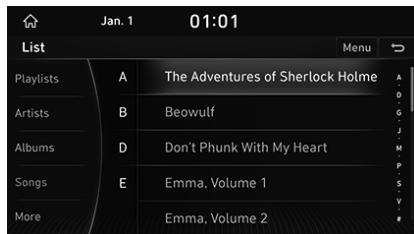
# PLAYING IPOD®

## LIST

### SEARCHING THE LIST

You can play the desired file by searching the file list included in iPod.

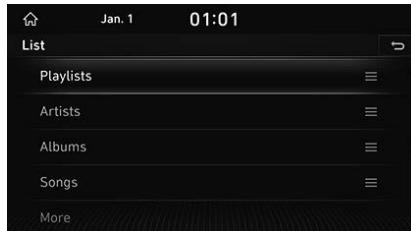
1. Press [List]. Or press [Menu] > [List].



2. Press the desired file after searching for a category. The category can be sorted by [Playlists], [Artists], [Albums], [Songs] or [More].

## REORDERING CATEGORIES

1. Press [Menu] > [Reorder Categories] on the List screen.



2. Press and hold a category, then move it up/down to reorder.

## SHUFFLE

All files can be played randomly.

Press [Menu] > [Shuffle] from the playing screen.



### NOTE

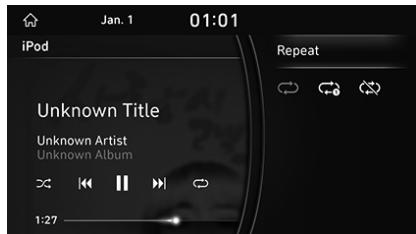
You can set or cancel the Shuffle function by pressing [∞] on the playing screen.

# PLAYING IPOD®

## REPEAT

The current playing file is played repeatedly.

1. Press [Menu] > [Repeat].



2. Press [Repeat] repeatedly.

- : Repeats all files.
- : Repeats the current file.
- : Cancels the repeat function.

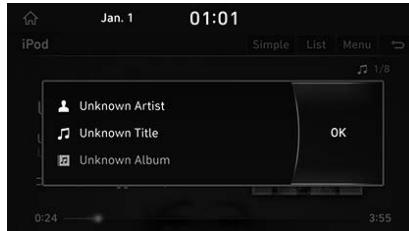
## ! NOTE

You can change the Repeat function by pressing // on the playing screen.

## SONG INFORMATION

This feature shows the artist, title and album information of the song.

1. Press [Menu] > [Song Information].



2. Press [OK].

# PLAYING BLUETOOTH® AUDIO

## BEFORE PLAYING THE BLUETOOTH® AUDIO

- Music saved in the mobile phone can be played in the car through Bluetooth audio streaming.
- Bluetooth audio can be played only when a Bluetooth phone has been connected. To play Bluetooth audio, connect the Bluetooth phone to the car system. For more information on connecting Bluetooth, please refer to user's manual "Pairing and Connecting the Unit and a Bluetooth Phone" on page 46.
- The audio streaming function may not be supported in some mobile phones. Only one function can be used at a time between the Bluetooth handsfree or Bluetooth audio function. For example, if you convert to the Bluetooth handsfree while playing Bluetooth audio, the music will be discontinued.

## STARTING THE BLUETOOTH® AUDIO

Press [HOME] button or [ ] > [Media] > [Bluetooth Audio].

The Bluetooth audio screen is displayed.



## PAUSE

You can pause the playing file.

Press [ ] on screen.

Press [▶] on screen to play it again.

### ! NOTE

This feature may not be supported on some Bluetooth devices.

## SKIP

You can play the previous or next file.

Position	Description
Screen	<ul style="list-style-type: none"><li>Press [&lt;◀◀/▶▶].</li><li>Pressing [&lt;◀◀] after 3 seconds of playback time plays the current file from the beginning.</li></ul>

### ! NOTE

This feature may not be supported on some Bluetooth devices.

# PLAYING BLUETOOTH® AUDIO

## SHUFFLE

All files can be played randomly.

Press [Menu] > [Shuffle] from the playing screen.

### ! NOTE

- You can set or cancel the Shuffle function by pressing [] on the playing screen.
- This feature may not be supported on some Bluetooth devices.

## REPEAT

The current playing file is played repeatedly.

1. Press [Menu] > [Repeat].
2. Press the desired item(s).
  - [Repeat All]: Repeats all files.
  - [Repeat One]: Repeats the current file.
  - [Repeat Off]: Cancels the repeat function.

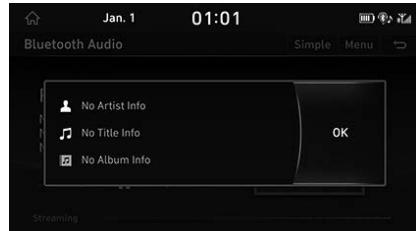
### ! NOTE

- You can change the Repeat function by pressing []/[]/[] on the playing screen.
- This feature may not be supported on some Bluetooth devices.

## SONG INFORMATION

This feature shows the artist, title and album information of the song.

1. Press [Menu] > [Song Information].



2. Press [OK].

## CONNECTION SETTINGS

1. Press [Menu] > [Connection Settings].
2. For more details, refer to the "Bluetooth" part on page 118.

# LISTENING TO FM/AM RADIO

1. Press [RADIO] button on the head unit. Or press [HOME] button or  > [Radio].
2. Press [Band] > [FM] or [AM] on the screen. The FM/AM screen of the most recent listened frequency is displayed.



## AUTO TUNING

Press [V SEEK/TRACK ▲] button on the head unit. When a frequency is received, searching stops.

## MANUAL TUNING

Turn [TUNE/FILE] button on the head unit in clockwise or counter-clockwise direction.

## PRESET TUNING

From the 40 presets, select the frequency you want to listen to.

## SAVING FM/AM AS PRESETS

A maximum of 40 frequencies can be saved manually as presets.

1. Select the band (FM, AM) you want to store a frequency into.
2. Select the desired frequency.
3. Press [Menu] > [Save as Preset].



4. Press [Save]. The frequency is saved.



### ! NOTE

- If you want to save the frequency from Preset menu, press and hold .
- When the frequency is saved on a number of which another frequency has already been saved, the previously saved frequency is erased.

# LISTENING TO FM/AM RADIO

## DELETING FM/AM PRESETS

1. Press [Menu] > [Delete Presets] on the voice FM/AM screen.



2. Select the desired item(s), then press [Delete] > [Yes].
  - [Mark all]: Selects all items.
  - [Unmark all]: Unmarks all items.
  - [Cancel]: Exits favourites screen.

## SCANNING FM/AM BROADCAST STATION

This function scans all frequencies and plays only frequencies with superior reception for 5 seconds each.

1. Select the band (FM, AM) you want.
2. Press [Menu] > [Scan FM] or [Scan AM].



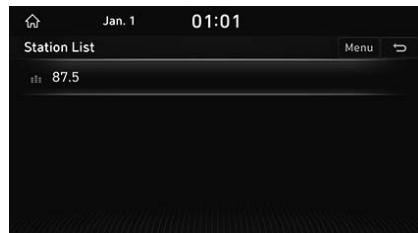
### ! NOTE

When the scan is operating, pressing the controller will stop the function and remain on the stopped frequency.

## STATION LIST

You can see broadcast station list with superior reception.

1. Select the band (FM, AM) you want.
2. Press [Station List] on the screen. Or press [Menu] > [Station List].



3. Press the desired broadcast station.
  - Press [Menu] > [Refresh] to refresh the Station List.

# LISTENING TO FM/AM RADIO

---

## REORDERING FM/AM PRESET

This function reorders the frequency saved to presets.

1. Select the band (FM, AM) you want.
2. Press [Menu] > [Reorder Presets].

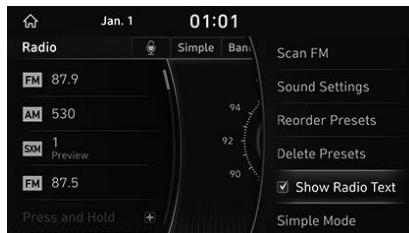


3. Press and hold a preset, then move it up/down to reorder.

## RADIO TEXT ON/OFF

If current broadcast includes Radio Text information, the text information is displayed on the screen.

1. Select the band (FM, AM) you want.
2. Press [Menu] > [Show Radio Text].



3. Pressing the [Show Radio Text] again will cancel the function.

# LISTENING TO HD RADIO™

You can turn HD radio on from the menu and listen to HD Radio Broadcasts.

The HD Radio screen is displayed only when a HD Radio broadcast is being received.

## HD RADIO™ SCREEN



### 1 HD Radio Reception & Channel buttons

Displays main HD Radio channels and used to directly select the currently available local channels.

### 2 HD Channel Number

- HD Channel number saved in preset.
- Preset tuning: From the 40 presets, select the HD Channel you want to listen to.

### 3 Broadcast Information

Displays detailed information about the current broadcast. (Album Cover Art, Artist name, Song title, HD radio channel, Frequency, PTY, etc...)

### 4 Frequency controller

When controller is focused, it moves to center of screen. Turn the controller to search for frequency and move the red line.

#### ! NOTE

HD Radio reception is included with the vehicle is in Radio mode. Methods used to reorder between channels, save preset frequency, or other methods of searching frequencies used for standard radios are identical for HD Radios. The HD Radio icon will be displayed when the vehicle is within regions where HD Radio signals can be received.

## HD RADIO™ ON/OFF

1. Select the band (FM, AM) you want. If an HD Radio broadcast is received, the radio mode will switch from analog broadcast to HD Radio broadcast.



2. Press [Menu] > [HD Radio] on the screen. The HD radio will be off and switch to analog broadcast.



## LISTENING TO HD RADIO™

---

### ! NOTE

- The default setting of [HD Radio] is set to on.
- HD radio Technology is a digital radio technology used by FM and AM radio broadcast stations to transmit audio and data via a digital signal in conjunction with their analog signals.
- While listening to the radio, the HD Radio icon will become displayed if receiving an HD radio broadcast.

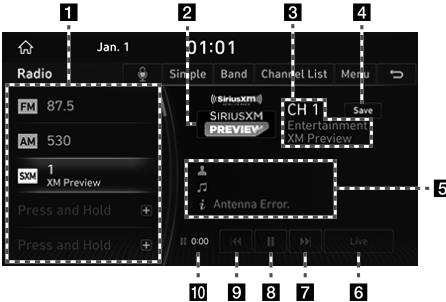
# LISTENING TO SIRIUSXM™ RADIO

1. Press [RADIO] button on the head unit. Or press [HOME] button or  > [Radio].
2. Press [Band] > [SiriusXM] on the screen. The SiriusXM radio screen of the most recent listened channel will be displayed.



3. Select the desired broadcast channel.

## SIRIUSXM™ SCREEN



### 1 Preset list

Displays the channels saved in the Preset list.

### 2 Channel Logo

Displays the channel logo of the channel currently playing.

### 3 Channel Info

Displays the current channel number, category and name.

### 4 Save

Saves to Preset the currently tuning channel.

### 5 Contents Info

Displays the artist, title and other information about the song currently playing.

### 6 Live

Changes to the Live Broadcast mode.

### 7 ►

- When it is pressed shortly: Moves to the next item.
- When it is pressed and held: Searches forward until the button is released.

### 8 ► / II (Play/Pause)

Plays/Pauses the currently broadcasting program.

### 9 ◀

Repeats the previously broadcasted program.

- When it is pressed shortly: Moves to the previous item.
- When it is pressed and held: Searches backwards until the button is released.

### 10 Time difference

Displays the time difference between the song playing and the Live broadcast.

# SIRIUSXM™ OPERATION

## SELECTING SIRIUSXM™ BROADCAST CHANNEL

### SELECTING A CHANNEL THROUGH MANUAL SEARCH

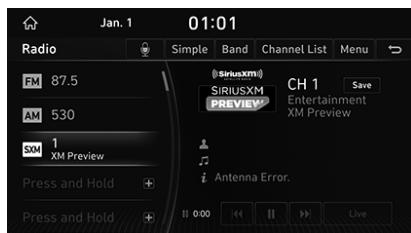
Turn [TUNE/FILE] button on the head unit clockwise or counter-clockwise to display the previous or next channel information.

### SELECTING WITH CHANNEL UP/DOWN

Press [V SEEK/TRACK ▲] button on the head unit. The previous or next channel will be selected.

### SELECTING A CHANNEL THROUGH PRESET

Press the preset button of the desired channel.



## SELECTING CHANNEL THROUGH CHANNEL/CATEGORY LIST

1. Press [Channel List] on the screen. Or press [Menu] > [Channel List].



2. Select the desired category and channel.
  - Press [Categories] or [Menu] > [Category List] to move to the Category List menu.
  - Press [Menu] > [Featured Favorites] to move to the Featured Favorites menu.
  - If you want to skip a channel, press [Menu] > [Skip]. After press the channel to skip, press [ ] to confirm your selection.

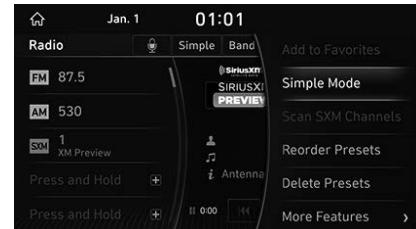
### ! NOTE

The channel list may be different according to the region.

## SCANNING SIRIUSXM™ BROADCAST CHANNEL

Press [Menu] > [Scan SXM channels] on the SiriusXM radio screen.

Scans all receivable channels for 5 seconds each.



### ! NOTE

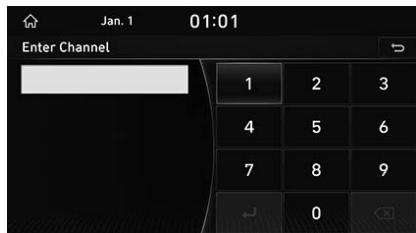
When the scan is operating, pressing the controller will cancel the function and return to the previous channel.

# SIRIUSXM™ OPERATION

## ENTER CHANNEL

This feature is used to search for channels by entering channel numbers.

1. Press [Menu] > [Enter Channel] on the SiriusXM radio screen.



2. Enter the number of the channel you want to receive and press [↵].

## SAVING SIRIUSXM™ PRESET

A total of 40 SiriusXM channels can be saved.

1. Select the desired channel.
2. Press [Save] or [Menu] > [Save as Preset].



3. Press the desired preset number. The channel is saved.

### ! NOTE

When the channel is preset on a number of which another channel has already been preset, the previously preset channel is erased.

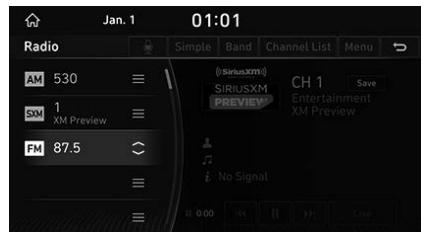
## REORDERING SIRIUSXM™ PRESET

The 40 SiriusXM channels can be reordered.

1. Press [Menu] > [Reorder Presets] on the SiriusXM radio screen.
2. Press the desired preset from the list.



3. Move up and down and long press the selected preset, or drag it to the desired position.



# SIRIUSXM™ OPERATION

## PROGRAM GUIDE

You can check the program information and the schedules of broadcast channels.

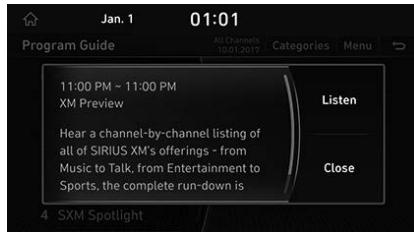
1. Press [Menu] > [Program Guide] on the SiriusXM radio screen.



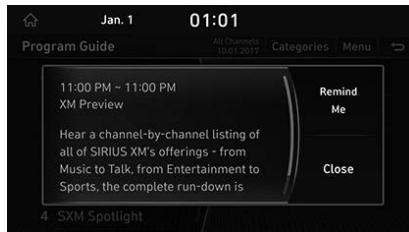
- Press [Categories] to search for category. Or Press [Menu] > [Category List].

2. Select the desired broadcast channel.

When you select the current broadcast channel:



When you select the other broadcast except the current broadcast channel:



3. Select the desired item.
  - Press [Listen] to listen to the current broadcast.
  - Press [Remind Me] to reserve the broadcast.
  - Press [Close] to close the function.

### ! NOTE

Reminder time may be different from time set by user.

## GAME ZONE

You can check the list of sports leagues and games for selected league. (League: NFL, MLB, NBA, NHL, CFB, CBK, WCBK)

1. Press [Menu] > [More Features] > [Game Zone] on the SiriusXM radio screen.



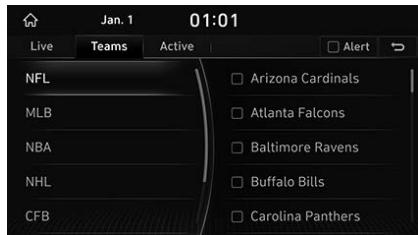
2. Listen to live broadcast by selecting the desired league and game.

# SIRIUSXM™ OPERATION

## SETTING TEAM

You can listen to the game of the favorite team by marking the favorite team.

1. Press [Teams] on the live broadcast mode.
2. Select the desired league and mark the desired team.



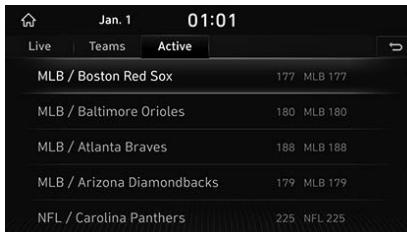
### ! NOTE

When the marked team is playing on other channel, the pop-up is displayed on the screen. For more details, refer to "Alert On/Off".

## VIEWING ACTIVE ALERT

You can listen to live broadcast by selecting the channel when the marked team is playing on other channel.

1. Press [Active] on the live broadcast mode.

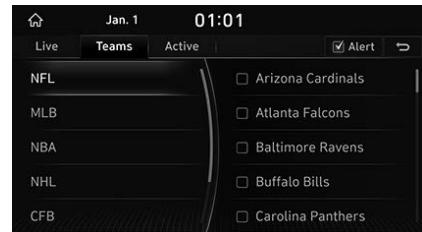


2. Listen to live broadcast by selecting the desired item.

## ALERT ON/OFF

This feature sets whether to display the pop-up on the screen when the marked team is playing on other channel.

1. Press [Alert] on the Teams menu.



2. When the marked team is playing on other channel, the pop-up is displayed on the screen.



- [Listen]: Moves to the selected channel.
- [Ignore]: Moves to the previous screen.

# SIRIUSXM™ OPERATION

## FAVORITES

You can check the song or artist added in Favorites menu.

Press [Menu] > [More Features] > [Favorites] on the SiriusXM radio screen. The Favorites menu is displayed on the screen.



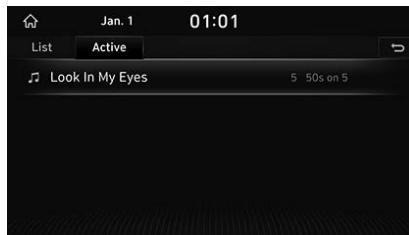
### ! NOTE

When the song or artist added in Favorites menu is playing on other channel, the pop-up is displayed on the screen.

## VIEWING ACTIVE ALERT

You can listen to live broadcast by selecting the channel when the song or artist added in Favorites menu is playing on other channel.

1. Press [Active] on the favorites list.



2. Listen to live broadcast by selecting the desired item.

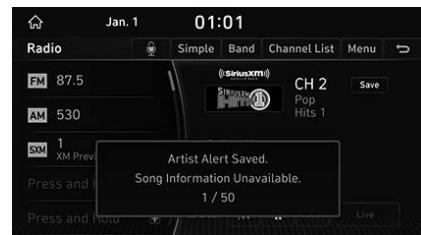
## ADDING TO FAVORITES

You can add the artist or song in the Favorites menu.

1. Press [Menu] > [Add to Favorites] on the SiriusXM radio screen.



2. Select the artist or song to add to Favorites menu.



It displays the number of the saved favorites and the number of total favorites.

# SIRIUSXM™ OPERATION

## ! NOTE

You can play the song or artist by selecting the desired item when the song or artist added in Favorites menu is playing on other channel.

## DELETING THE SONG OR ARTIST SAVED IN FAVORITES MENU

1. Press [Menu] > [Delete] on the favorites menu.



2. Select the desired item(s), then press [Delete] > [Yes].
  - [Mark All]: Selects all items.
  - [Unmark All]: Unmarks all items.
  - [Cancel]: Exits delete screen.

## FAVORITES ALERT ON/OFF

This feature sets whether to display the pop-up on the screen when the song or artist added in Favorites menu is playing on other channel.

1. Press [Menu] > [More Features] > [Favorites Alert] on the SiriusXM radio screen.



Pressing the [Favorites Alert] again will cancel the function.

2. When the song or artist saved in Favorites menu is playing on other channel, the pop-up is displayed on the screen.



- [Listen]: Moves to the selected channel.
- [Ignore]: Moves to the previous screen.

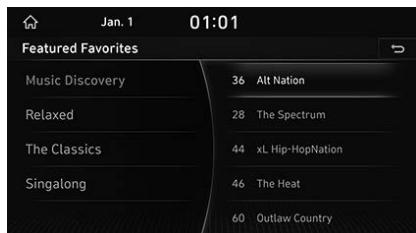
# SIRIUSXM™ OPERATION

## FEATURED FAVORITES

Featured Favorites allows SiriusXM to broadcast additional presets.

Multiple sets Featured Favorites data can be broadcast by SiriusXM and can change from time to time.

1. Press [Menu] > [More Features] > [Featured Favorites] on the SiriusXM radio screen.



2. Select the desired item.
  - Example 1: “Martha’s Favorites” may represent Martha Stuart’s favorites presets on her radio.
  - Example 2: During holidays, “Holiday Music” may represent all the SiriusXM channels that are playing the holiday music for easy access by users.

## SUBSCRIPTION STATUS

This feature is used to check the Subscription status of SiriusXM.

1. Press [Menu] > [More Features] > [Subscription Status] on the SiriusXM radio screen,



2. If you have not subscribed to the SiriusXM service, press [Call] to enable Services.

# BLUETOOTH® WIRELESS TECHNOLOGY

---

## BEFORE USING THE BLUETOOTH HANDS-FREE

### WHAT IS BLUETOOTH WIRELESS TECHNOLOGY?

- Bluetooth Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth phones, PDAs, various electronic devices, and automotive environments, Bluetooth Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth Hands-free refers to a device which allows the user to conveniently make phone calls with Bluetooth mobile phones through the system.
- The Bluetooth Hands-free feature may not be supported in some mobile phones.

## PRECAUTIONS FOR SAFE DRIVING

- Bluetooth is a feature that enables drivers to use handsfree while driving. Connecting the head unit with a Bluetooth phone allows the user to conveniently make calls, receive calls, and manage the phone book. Before using Bluetooth Wireless Technology, carefully read the contents of this user's manual.
- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

## CAUTIONS UPON CONNECTING BLUETOOTH PHONE

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth features.
- If you do not want automatic connection with your Bluetooth device, turn the Bluetooth feature off of the Bluetooth device.
- Park the vehicle when pairing the head unit with the mobile phone.
- Some Bluetooth features may occasionally not operate properly depending on the firmware version of your mobile phone. If such features can be operated after receiving a S/W upgrade from your mobile phone manufacturer, unpair all devices and pair again before use.
- When pairing the head unit with the iPhone for the first time while your iPhone is connected to the USB port with iPhone cable, error message may be displayed on your iPhone. However, this is intended for operation. You may ignore it if your iPhone has been connected to the head unit.

# PAIRING AND CONNECTING THE UNIT AND A BLUETOOTH PHONE

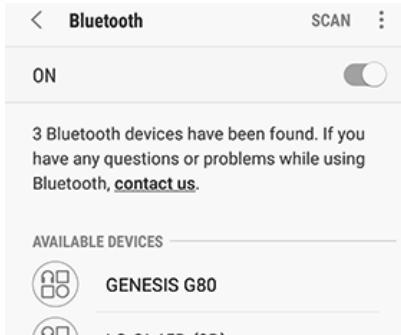
To use the Bluetooth feature, make sure the Bluetooth on your phone is turned on. Refer to your phone's user guide.

## WHEN NO PHONES HAVE BEEN PAIRED

1. Press [ ] button on the steering wheel remote control or [Phone] on the HOME screen.



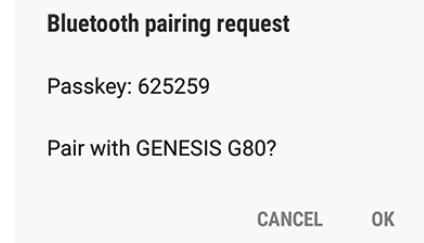
2. Search for the vehicle name in your Bluetooth device and confirm pairing. (The default vehicle name is GENESIS G80.)



<Example of Bluetooth Device Screen>

(The pop-up screen may differ from the actual information of the Bluetooth device.)

3. If the SSP (Secure Simple Pairing) is not supported, input the passkey on your Bluetooth device. (The default passkey is 0000.)



<Example of Bluetooth Device Screen>

(The pop-up screen may differ from the actual information of the Bluetooth device).

# PAIRING AND CONNECTING THE UNIT AND A BLUETOOTH PHONE

4. Allow the access request to the contacts and the call record of the Bluetooth device if you want to use it.

## Allow access to contacts?

GENESIS G80 is requesting permission to access your contacts and call history.

You can change this later in Bluetooth settings.

**DENY**      **ALLOW**

## <Example of Bluetooth Device Screen>

(The pop-up screen may differ from the actual information of the Bluetooth device.)

5. Allow the access request to messages of the Bluetooth device if you want to use it.

## Allow access to messages?

GENESIS G80 is requesting permission to access your messages.

You can change this later in Bluetooth settings.

**DENY**      **ALLOW**

## <Example of Bluetooth Device Screen>

(The pop-up screen may differ from the actual information of the Bluetooth device.)

## ! NOTE

- The initial vehicle name is registered as 'GENESIS G80' with the certification passkey of '0000'.
- Depending on the Bluetooth device, the certification passkey may or may not be required.
- Depending on the Bluetooth device, Android or iOS phone, the message may appear differently. For iOS phones, select [Settings] > [Bluetooth] > [ ⓘ ] > [Show Notification].
- If SSP (Secure Simple Pairing) is not supported, Authorize the registration after entering the certification passkey (PIN code) on the Bluetooth Device.

6. When the connection is completed, the recent call screen is displayed on the screen. When the connection fails, a failure message is displayed on the screen.



# PAIRING AND CONNECTING THE UNIT AND A BLUETOOTH PHONE

## WHEN A PHONE IS ALREADY PAIRED

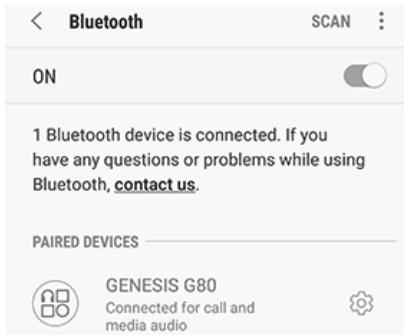
1. Press [HOME] button or  > [Setup] > [Bluetooth] > [Bluetooth Connection].



2. Select the device you want to connect. If there is no device you want to connect, press [Add New Device].



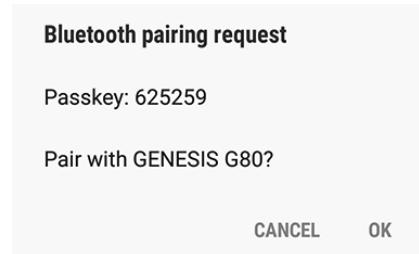
3. Search for the vehicle name in your Bluetooth device and confirm pairing. (The default vehicle name is GENESIS G80.)



**<Example of Bluetooth Device Screen>**

(The pop-up screen may differ from the actual information of the Bluetooth device.)

4. If the SSP (Secure Simple Pairing) is not supported, input the passkey on your Bluetooth device. (The default passkey is 0000.)



**<Example of Bluetooth Device Screen>**

(The pop-up screen may differ from the actual information of the Bluetooth device.)

# PAIRING AND CONNECTING THE UNIT AND A BLUETOOTH PHONE

5. Allow the access request to the contacts and the call record of the Bluetooth device if you want to use it.

## Allow access to contacts?

GENESIS G80 is requesting permission to access your contacts and call history.

You can change this later in Bluetooth settings.

**DENY**      **ALLOW**

### <Example of Bluetooth Device Screen>

(The pop-up screen may differ from the actual information of the Bluetooth device).

6. Allow the access request to messages of the Bluetooth device if you want to use it.

## Allow access to messages?

GENESIS G80 is requesting permission to access your messages.

You can change this later in Bluetooth settings.

**DENY**      **ALLOW**

### <Example of Bluetooth Device Screen>

(The pop-up screen may differ from the actual information of the Bluetooth device).

## ! NOTE

- The initial vehicle name is registered as 'GENESIS G80' with the certification passkey of '0000'.
- Depending on the Bluetooth device, the certification passkey may or may not be required.
- Depending on the Bluetooth device, Android or iOS phone, the message may appear differently. For iOS phones, select [Settings] > [Bluetooth] > [ ⓘ ] > [Show Notification].
- If SSP (Secure Simple Pairing) is not supported, Authorize the registration after entering the certification passkey (PIN code) on the Bluetooth Device.

7. When your phone is successfully connected, the Bluetooth settings screen is displayed on the screen. When the connection fails, a failure message is displayed on the screen.



# PAIRING AND CONNECTING THE UNIT AND A BLUETOOTH PHONE

## ! NOTE

- For safety reasons, pairing a Bluetooth phone is not possible when the vehicle is in motion. Park the vehicle in a safe location to pair a Bluetooth phone. It is possible to pair up to 5 mobile phones. In order to pair a new phone when there are already 5 mobile phones paired, you must first delete one of the previously paired phones.
- Some functions may not be supported due to limited Bluetooth compatibility between the car system and mobile phone.
- When a Bluetooth device is connected, a new device cannot be paired. If you want to pair a new phone, first disconnect the connected Bluetooth device.

## DISCONNECTING THE CONNECTED PHONE

- Press [ ] button on the steering wheel remote control or [Phone] on the HOME screen.
- Press [Menu] > [Bluetooth Settings] > [Bluetooth Connection] on the screen.
- Select the connected phone.

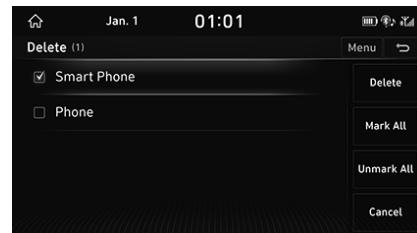
## ! NOTE

If you want to connect the disconnected phone again, select the disconnected phone.

## DELETING BLUETOOTH DEVICES

If you no longer need to use a phone, you can delete the Bluetooth devices. Note that deleting a Bluetooth device will delete all call history and contact entries on the car system.

- Press [ ] button on the steering wheel remote control or [Phone] on the HOME screen.
- Press [Menu] > [Bluetooth Settings] > [Bluetooth Connection] on the screen.
- Press [Menu] > [Delete].



- Select the phone you want to delete and press [Delete] > [Yes].
  - [Mark All]: Selects all items.
  - [Unmark All]: Unmarks all items.
  - [Cancel]: Exits delete screen.

# PAIRING AND CONNECTING THE UNIT AND A BLUETOOTH PHONE

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## BLUETOOTH SETTINGS

1. Press [] button on the steering wheel remote control or [Phone] on the HOME screen.
2. Press [Menu] > [Bluetooth Settings].



3. For more details, refer to the “Bluetooth” part on page 118.

# MAKING A CALL

## MAKING A CALL BY ENTERING PHONE NUMBER

Connect your unit and Bluetooth phone before making a call.

1. Press [ ] on the screen.



<Dial Screen>

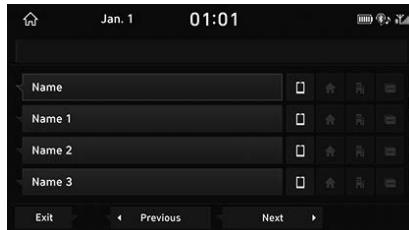
2. Enter the phone number using the keypad on the dial screen.
3. Press the [ ] on the dial screen or the [ ] button on the steering wheel remote control.

### ! NOTE

If you press the wrong number, press [ ] to delete the inputted number one digit at a time.

## MAKING A CALL BY VOICE RECOGNITION

1. Press [ ] on the screen. The system waits for your command and displays a list of available commands on the screen.



2. After the beep, say 'Name1'.

## MAKING A CALL BY REDIALING

Press and hold the [ ] on the dial screen or the [ ] button on the steering wheel remote control.

### ! NOTE

Redialing is not possible when there is no dialed call history.

## MAKING A CALL WITH SPEED DIAL NUMBERS

Press and hold speed dial number using the keypad on the dial screen.

Only speed dial numbers already saved on the mobile phone can be used for speed dial calls. Up to 3-digit speed dial numbers are supported.

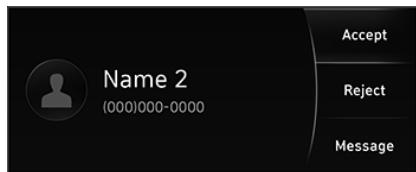
### ! NOTE

For 3-digit speed dial numbers, press and hold the 3rd digit to make a call to the speed dial number.

# MAKING A CALL

## ANSWERING/REJECTING A CALL

1. If there is an incoming call, a popup message will appear.
2. Press [Accept] to answer the call.



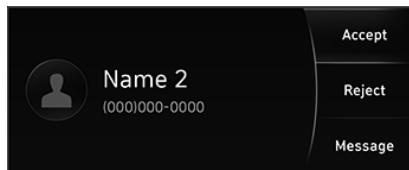
To reject a call, select [Reject].

### ! NOTE

- If the Call-ID service is available, the caller's phone number is displayed.
- If caller's phone number is saved in the phone book, the caller's name is displayed on the unit.
- Upon receiving a call, the [Reject] function may not be supported in some mobile phones.

## RESPONDING WITH MESSAGES

1. If there is an incoming call, a popup message will appear.



2. Press [Message] to respond with messages.



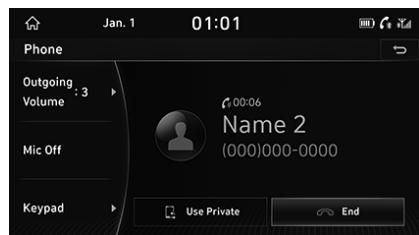
3. Select the desired message and press [Send].

### ! NOTE

Depending on the mobile phone model, the [Message] function may not be supported.

## SWITCHING CALL TO THE MOBILE PHONE

1. If you want to switch the call to the mobile phone while talking on the car handsfree, press [Use Private]. As shown below, the call is switched to the mobile phone.



2. If you want to switch the call to the car handsfree while talking on the mobile phone, press [Use Hands-free]. The call is switched to the car handsfree.

# MAKING A CALL

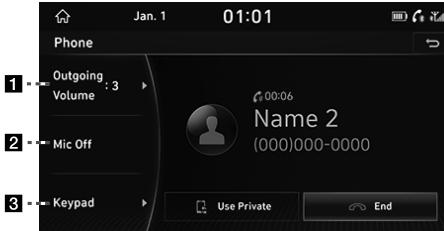
---

## ENDING A CALL

1. To end a call, press [  End] on the screen or [  ] button on the steering wheel remote control.
2. The call is ended.

## USING THE MENU DURING A PHONE CALL

When making a call, you can use the following menu items.



### 1 Outgoing Volume

Displays the Outgoing Volume settings. You can adjust the in-call volume that the other party hears (level 1 - 5).

### 2 Mic On/Off

Turns the Mic On/Off.

### 3 Keypad

Moves to a screen for entering ARS numbers.

# CALL HISTORY

## MAKING A CALL FROM CALL HISTORY

1. Press [ ] on the screen.



2. Press [All], [Dialed], [Received], or [Missed].

- [All]: Displays entire call history list.
- [Dialed]: Displays the outgoing call history list.
- [Received]: Displays the incoming call history list.
- [Missed]: Displays the missed call history list.

3. Press the entry you want to call.

### ! NOTE

The call history may not be saved in the call history list in some mobile phones.

## DOWNLOADING CALL HISTORY

You can download the call history information from your mobile phone.

1. Press [ ] > [Menu] > [Download] on the screen.



2. Press [Yes].

### ! NOTE

- Up to 50 received, dialed, and missed call history lists can be downloaded.
- The download feature may not be supported in some mobile phones. Check to see that the Bluetooth device supports the download feature.

# CONTACTS

## MAKING A CALL FROM CONTACTS

1. Press [ ] on the screen. The contacts are displayed on the screen.



2. Press the phone number to make a call.

## DOWNLOADING MOBILE PHONE CONTACTS

The phonebook download feature will only download contacts transmitted via Bluetooth (contacts saved on a Bluetooth device or on the SIM card). Contacts saved in a third-party app or contacts without a phone number will not be downloaded.

1. Press [ ] > [Menu] > [Download] on the screen.



2. Press [Yes].

The present phone book is deleted and phone book of connected phone is duplicated.

### NOTE

- Upon downloading mobile phone contacts, the previous data is deleted.
- This feature may not be supported on some mobile phones.

## SEARCHING FOR CONTACTS

1. Press [ ] > [Menu] > [Search Contacts] on the screen.



2. Enter the name or phone number, press [ ].



3. Select the contact you want to call.

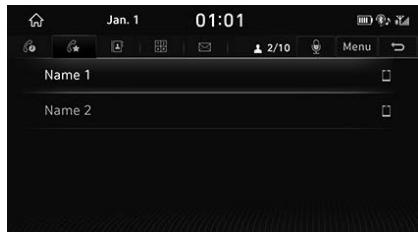
# FAVOURITES

## CALLING FAVOURITES

If the phone number has been already stored in the Favourites, it can be easily called.

First of all, add the phone number in the Favourites.

1. Press [★] on the screen.



2. Select the desired Favourite.

## ADDING AS A FAVOURITE

Up to 10 contacts can be added to favourites menu.

1. Press [★] on the screen.
2. Press [Menu] > [Add New] on the Favourites screen.



3. Select the contact from the list of contacts.



4. Press [★] > [Close] > [ ].

### ! NOTE

If the phone numbers have already been stored in the favourites, you can add or delete them by pressing [Menu] > [Edit].

# FAVOURITES

## EDITING FAVOURITES

1. Press [] on the screen.
2. Press [Menu] > [Edit] on the Favourites screen.



3. Select the contact to edit.



4. Press [] or [].

- []: Contact added to favourites
- []: Contact not added to favourites

5. Press [Close] or [].

## DELETING FAVOURITES

1. Press [] on the screen.
2. Press [Menu] > [Delete] on the Favourites screen.



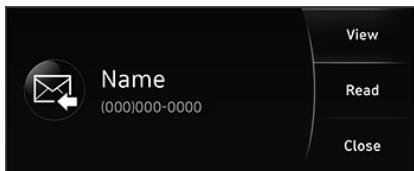
3. Select the item you want to delete and press [Delete] > [Yes].
  - [Mark All]: Selects all items.
  - [Unmark All]: Unmarks all items.
  - [Cancel]: Exits delete screen.

# MESSAGES

You can check the text messages or send any message on the screen.

## CHECKING NEW MESSAGES

- When a message is received, the pop-up is displayed on the screen.



- Select a desired item.

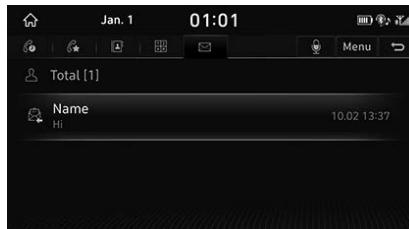
- [View]: Report Moves to Message screen.
- [Read]: Supports the message contents by voice.
- [Close]: Closes the Message window.

### ! NOTE

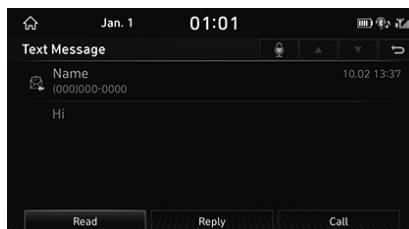
Change the setting of [Show Notifications] of the device connected in Bluetooth Setting of Mobile Phone to 'On'.

## CHECKING NEW MESSAGE CONTENTS

- Press [✉] on the screen.



- Select a message.



- Check the information on message.

- [Read]: Supports the message contents by voice.
- [Reply]: Replies to the message.
- [Call]: Calls the message sender.

### ! NOTE

- Only the messages received after the Bluetooth connection are specified in the list.
- Depending on the mobile phone model, [Reply] and [Call] functions may not be supported.

# GETTING STARTED WITH NAVIGATION

---

## GENERAL INFORMATION OF NAVIGATION USE

### NAVIGATION USE RESTRICTIONS

Please observe and comply with local traffic rules and regulations.

- For your safety, some features cannot be operated while driving. Features that cannot be operated will be disabled.
- The route displayed for destination guidance is a reference and the route guidance will take you to the vicinity of your destination. The highlighted route is not always; the shortest distance, the least congested, and in some cases might, not be the fastest route.
- Road, name, and POI information may not always been completely updated. Some places may not include up to date information.

- The car position mark does not always indicate your exact location. This system uses GPS information, various sensors, and road map data to display the current position. However, errors in displaying your location may occur if the satellite is transmitting inaccurate signals or two or less satellite signals are being received. Errors that occur in such conditions cannot be corrected.
- The position of the vehicle within the navigation may differ from your actual location depending on various reasons, including the satellite transmission state, vehicle state (driving location and conditions), etc. Additionally, the car position mark may differ from the actual position if the map data is different from the actual road landscape, such as changes due to the construction of new roads. If such differences occur, driving for a short period of time will automatically correct the position of the vehicle through map matching or GPS information.

## WHAT IS GNSS?

The GNSS(Global Navigation Satellite System) is a satellite-based navigation system made up of a network of 32 satellites placed into orbit by the Global Positioning System (GPS) of U.S.A, GLONASS of RUSSIA, etc.

GNSS works in any weather conditions, anywhere in the world, 24 hours a day.

There are no subscription fees or setup charges to use GNSS.

## ABOUT SATELLITE SIGNALS

Your unit must acquire satellite signals to operate. If you are indoors, near tall buildings or trees, or in a parking garage, the unit cannot acquire satellite signal.

## ACQUIRING SATELLITE SIGNALS

Before the unit can determine your current position and navigate a route, you must do the following steps:

1. Go outside to an area free from tall obstructions.
2. Turn on the unit. Acquiring satellite signals can take a few minutes.

# MAP SCREEN



## 1 Vehicle position mark

Displays current vehicle position and direction.

## 2 Clock display

Displays current time.

## 3 Route guidance lane

Displays the route guidance to the destination when a route is set.

## 4

Moves to HOME menu screen.

## 5 Map display

Changes the map view perspective.

Press [], [] or [].

- (Heading up (2D)): The map displays always showing the vehicle's direction as proceeding towards the top of the screen.
- (North up (2D)): The map displays always pointing north, regardless of the direction of the vehicle is moving.
- (3D) : The map displays always the basic outline and details of the surrounding roads and general area.

## 6 Navigation Volume

Sets the Navigation Voice guidance Volume.

## 7

Zoom in the map. Press [] repeatedly.

## 8 Map scale display

- Displays the current map scale.
- Sets the zoom level automatically to the guidance.

## 9

Zoom out the map. Press [] repeatedly.

## 10 Menu

Moves to quick menu screen.

## 11 Current position

Displays the current position.

## 12 Remaining distance display/Remaining time

Displays the distance and time of arrival to the destination or waypoint. Press to check the information on destination.

# MAP SCREEN

---

## 13 Cancel Route

Cancels the route guidance to the destination or waypoint.

## 14 Cancel Route

Cancels the route guidance to the destination or waypoint.

## 15 Route

Changes the route conditions when a route is set.

## 16 Destination

Moves to Destination menu.

## 17 Nearby POIs

Finds a POI (Point Of Interest) near the current position, destination or route.

## 18 Save

Adds frequently used address to Address Book menu.

## 19 Traffic

Displays the traffic information.

## 20 Navigation Volume

Adjusts the navigation volume.

## 21 Navigation Settings

Moves to Navigation Settings menu.

# OPERATING NAVIGATION SCREEN

The navigation system displays various information on the screen.

## ZOOM IN/ZOOM OUT

- Pinch in/out to set the zoom level on the map screen.
- Turn the controller left/right to set the zoom level on the map screen.

Press [+] or [-] to set the zoom level on the map screen.



### ! NOTE

- Press [+] or [-] for over 1 second. The zoom will continuously change.
- If the zoom range limit is reached, the [+]/[-] will be disabled.
- If you want to set the auto zoom, press [Auto Scale].

## MAP SCALE

This function sets the zoom level automatically.

Press [Auto Scale] on the map screen.

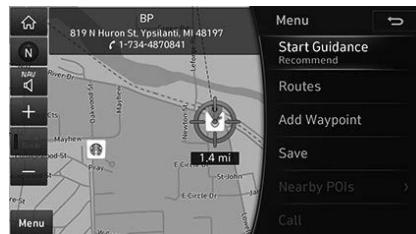


Name	Description
Auto Scale (inactive - "Auto")	Fixes the displayed scale.
Auto Scale (active - "Auto")	Changes the map scale automatically depending on the road class and guidance distance.

## MAKING A CALL TO POI

After searching for a POI, the POI phone number information can be used to make a call to the POI facility.

- Use the various search methods, such as the map scroll function, POI search function and destination search function to search for a POI.



- Press [Call] on the menu screen.
- Bluetooth is used to make a call to the POI facility.

### ! NOTE

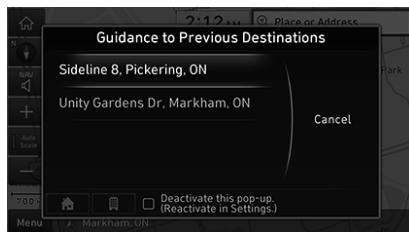
Making a call is not possible if there is no telephone information for a POI or if there is no mobile phone connected through Bluetooth.

# OPERATING NAVIGATION SCREEN

## GUIDANCE TO PREVIOUS DESTINATIONS

When starting the navigation, the “Guidance to Previous Destinations” pop-up appears for about 10 seconds. The pop-up is displayed only when the navigation is started without the route planned.

Press one of the list.



### ! NOTE

Press [HOME] button or [Home] > [Setup] > [Navigation] > [Display] > [Show Previous Destinations after Navigation Start-Up] to set the Guidance to Previous Destinations.

## SCROLLING MAP

1. Press and drag the map area on the screen. The selected point will be centered on the screen and the scroll mark will be displayed. Information about the marked point and straight line distance from the current position will be displayed at the center of the screen.

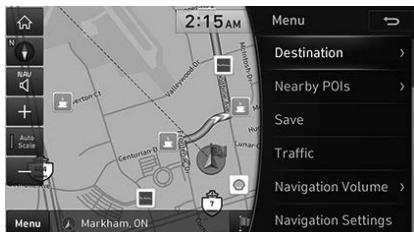
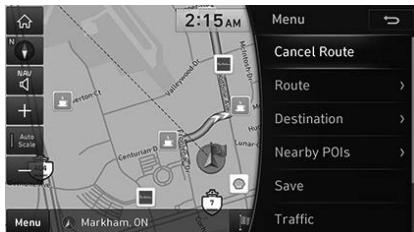


2. Press [Menu] > [Start Guidance].

# GENERAL OPERATIONS OF NAVIGATION MENU

## NAVIGATION MENU

1. Press [Menu] on the map screen.



2. Press the preferred setting method.

- [Cancel Route]: Cancels the route guidance to the destination or waypoint.
- [Route]: Changes the route conditions by using the Route menu when the route is activated.
- [Destination]: Finds a destination by using the Destination menu.

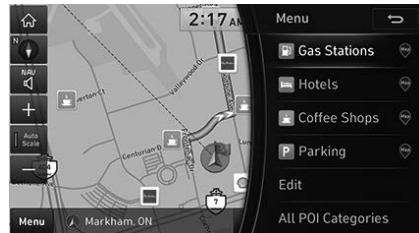
- [Nearby POIs]: Finds a facility by searching for POI near current position.
- [Save]: Adds the position to Address Book menu.
- [Traffic]: Shows the traffic information list.
- [Navigation Volume]: Adjusts the navigation volume.
- [Navigation Settings]: Sets items related with navigation settings.

## SEARCHING FOR POI

### POI SEARCH

You can find a POI (Point Of Interest) along route, near current position, near destination, near scroll mark or near city center.

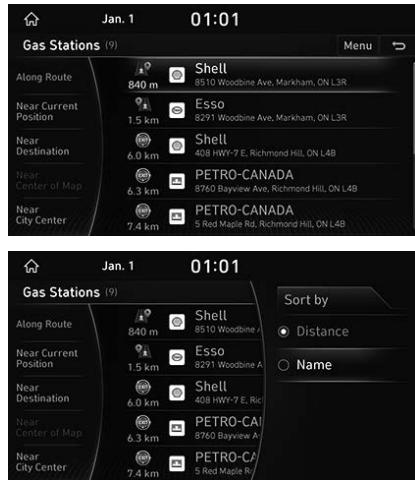
1. Press [Menu] > [Nearby POIs].



- Press [All POI categories] to search for all the categories, then select the desired POI.

# GENERAL OPERATIONS OF NAVIGATION MENU

## 2. Select one of POI category.



- Press [Menu] > [Distance] to arrange the list in distance order.
- Press [Menu] > [Name] to arrange the list in name order.

3. Press the desired position.

- [Along Route]: Searches for POI's along route when a route is set.
- [Near Current Position]: Searches for POI's around the current position.

- [Near Destination]: Searches for POI's around the destination when a route is set.
- [Near Center of Map]: Searches for POI's around the current cursor when the map scrolled.
- [Near City Center]: Searches for POI's around the selected city centre.

## 4. Press the desired item.



- If you want to set the appropriate route condition according to your purpose, press [Routes].
- If you want to add a waypoint when a route is set, press [Add Waypint].
- If you want to make a call, press [Call].

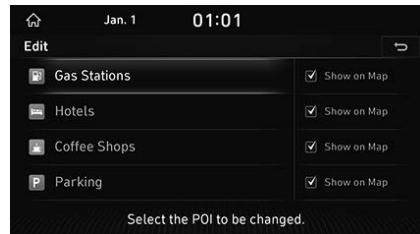
5. Press [Start Guidance].

## ! NOTE

The destination is saved in the Previous Destinations menu automatically.

## DISPLAYING/HIDING POI ICONS ON THE MAP SCREEN

### 1. Press [Menu] > [Nearby POIs] > [Edit].



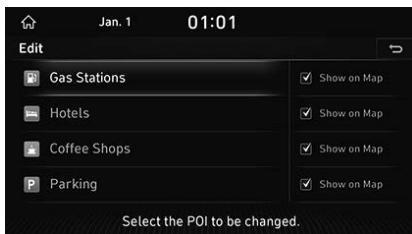
2. Mark or unmark the desired POI. The map icon is displayed on the right of POI menu screen.

# GENERAL OPERATIONS OF NAVIGATION MENU

## EDITING POI CATEGORY

You can edit the POI category displayed on POI menu screen.

1. Press [Menu] > [Nearby POIs] > [Edit].



2. Select the POI to edit.

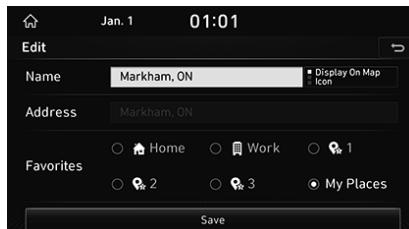


3. Select the desired POI. The selected POI appears on POI menu screen.

## ADDING THE POSITION TO ADDRESS BOOK

You can add the current position or the selected place to address book.

1. Press [Menu] > [Save].



2. Edit the desired item.

- [Name]: Change the name.
- [Display on Map]: Press [Icon], [Icon & Name] or [None] to display on the map screen.
- [Favorites]: Set the symbol displayed on the map screen.

3. Press [Save] to save the setting.

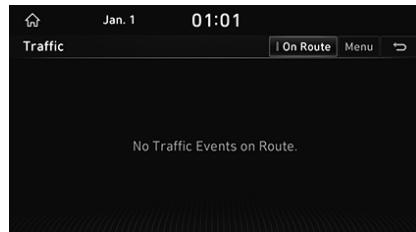
### ! NOTE

Press [Menu] > [Destination] > [Address Book] to check the added position.

## TRAFFIC INFORMATION LIST

The current traffic/road event information is basically displayed on the traffic information list.

1. Press [Menu] > [Traffic].



- Press [On Route] to display the traffic information on route when the route is set.
- 2. Press the traffic list to display the detailed information.

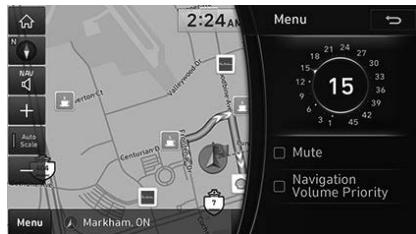
### ! NOTE

This feature may not be reflected depending on condition.

# GENERAL OPERATIONS OF NAVIGATION MENU

## NAVIGATION VOLUME

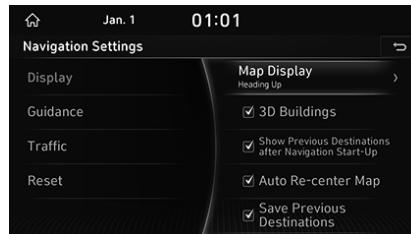
1. Press [Menu] > [Navigation Volume] to adjust the volume.



2. Sets the desired item.
  - [Navigation Volume]: Adjusts the navigation volume.
  - [Mute]: Sets the sound to mute.
  - [Navigation Volume Priority]: Lowers all other audio volumes when navigation guidance is playing.

## NAVIGATION SETTINGS

1. Press [Menu] > [Navigation Settings] to set the screen.



2. For more details, refer to the "Display" on page 116.

# SEARCHING FOR DESTINATION OF NAVIGATION

## SEARCH

You can search your destination by name, address or coordinates.

1. Press [Menu] > [Destination] > [Search].

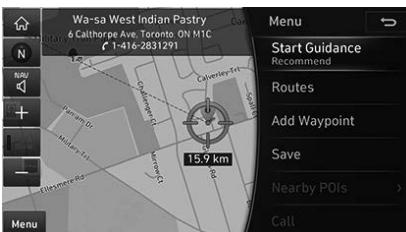


2. Enter the name of the location, address or coordinates and press [ ].



3. Select a location on the map from the list of your search results or filter your search results by city or category.

- Press [Menu] > [Filter by City] to narrow your search results by city.
- Press [Menu] > [Filter by Category] to narrow your search results by category.



- If you want to set the appropriate route condition according to your purpose, press [Routes].
- If you want to add a waypoint when a route is set, press [Add waypoint].
- If you want to add the position to Address book menu, press [Save].

4. Press [Start Guidance].

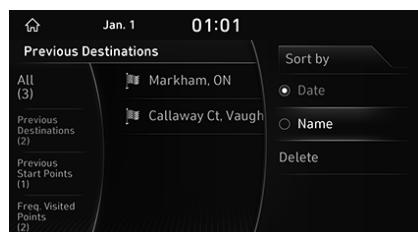
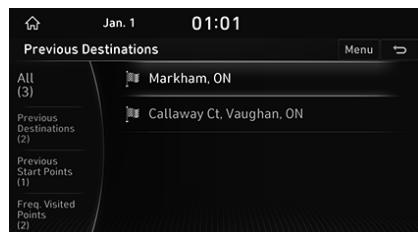
## ! NOTE

The destination is saved in the Previous Destinations menu automatically.

## PREVIOUS DESTINATIONS

You can select one of the locations you have previously searched for as a destination.

1. Press [Menu] > [Destination] > [Previous Destinations].



# SEARCHING FOR DESTINATION OF NAVIGATION

- [All]: Displays all previous destinations, departing places, and searched places.
- [Previous Destinations]: Displays previous destination places.
- [Previous Start Points]: Displays previous departing places.
- [Freq. Visited Points]: Displays frequently visited places.
- Press [Menu] > [Name] or [Date] to arrange the list in name or date order.
- Press [Menu] > [Delete] to select and delete items from various entries all at once.

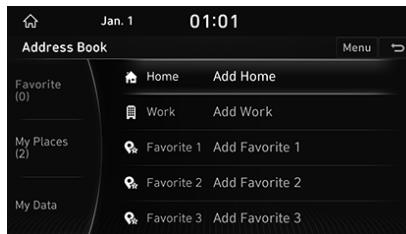
2. Press the preferred previous point from the list.

3. Press [Start Guidance].

## ADDRESS BOOK

You can find the destination to a location saved in the Address Book menu. To utilize this function more effectively, destinations that you often travel to should be saved in advance. First of all, store in the Address Book menu through destination search function.

1. Press [Menu] > [Destination] > [Address Book].

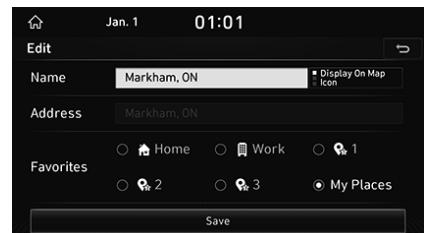


2. Press [Favorite] or [My Places].
  - Press [Menu] > [Date] or [Name] to arrange the list in date or name order.
  - Press [Menu] > [Add] to add a location.
  - Press [Menu] > [Edit] to select and edit an item among many items.
  - Press [Menu] > [Delete] to select and delete items from various entries all at once.

3. Press the desired item from the list.
4. Press [Start Guidance].

## ADDING TO A LOCATION TO THE MY PLACES MENU

1. Press [My Places] in address book list.
2. Press [Menu] > [Add].
3. Select a desired location through destination search function.

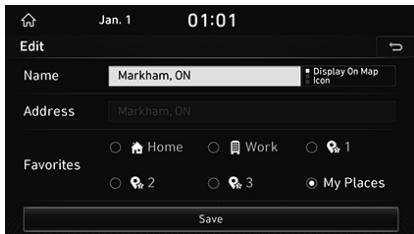


4. Sets the desired item.
  - [Name]: Changes the name.
  - [Display on Map]: Press [Icon], [Icon & Name] or [Off] to display on the map screen.
  - [Favorites]: Set the symbol displayed on the map screen.
5. Press [Save] to save the setting.

# SEARCHING FOR DESTINATION OF NAVIGATION

## EDITING ADDRESS BOOK

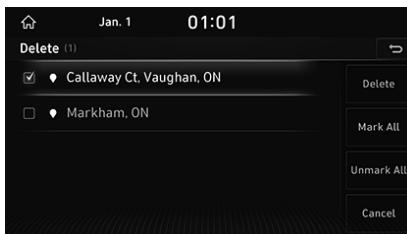
1. Press [Menu] > [Edit] in address book list.
2. Select the item to edit.



3. Edit the desired item.
  - [Name]: Changes the name.
  - [Display on Map]: Press [Icon], [Icon & Name] or [Off] to display on the map screen.
  - [Favorites]: Set the symbol displayed on the map screen.
4. Press [Save] to save the setting.

## DELETING ADDRESS BOOK

1. Press [Menu] > [Delete] in address book list.



2. Select the desired item, then press [Delete] > [Yes].
  - [Mark All]: Selects all items.
  - [Unmark All]: Unmarks all items.
  - [Cancel]: Exits delete screen.

## MY DATA

1. Press [Menu] > [Destination] > [Address Book] > [My Data].



2. Select the desired item.
  - [Import Address Book from USB Device]: This function is used to import the address book in the USB device to the navigation system.
  - [Export Address Book to USB Device]: This function is used to export the address book in the navigation system to the USB device.

# SEARCHING FOR DESTINATION OF NAVIGATION

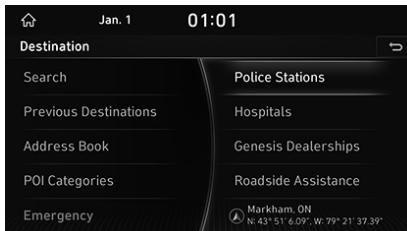
## ! NOTE

- The amount of data available for importing to a USB device is limited based on the number of address book items supported by the navigation system.
- If the data stored on the USB device uses different coordinates than those used by the current system, the importing location may change.
- Please make sure that the address book have been successfully imported before use.
- Only USB devices formatted in FAT16/32 are supported.
- Certain USB devices may not be supported due to compatibility issues.

## POI CATEGORIES

You can find a destination from various categories.

1. Press [NAV] button > [Destination] > [POI Categories].



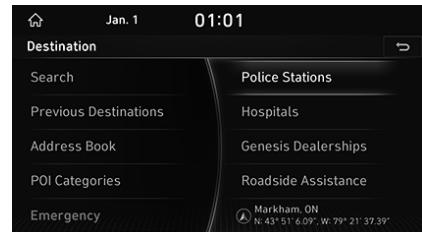
- If you want to search for the POI category by history, Press [Menu] > [Category History].
- If you want to search for the POI category by name, press [Menu] > [Category Search]. Input the name, then press [Q] to finish.

2. Follow steps 2 to 4 of the "POI search".

## EMERGENCY

You can find a destination by searching for a Police Stations, Hospitals, Genesis Dealerships or Road Assistance in emergency situations.

1. Press [NAV] button > [Destination] > [Emergency] > [Police Stations], [Hospitals], [Genesis Dealerships] or [Roadside Assistance].



- Press [Menu] > [Name] or [Distance] to arrange the list in name or distance order.

2. Press the preferred item from the list.
3. Press [Start Guidance].

# SEARCHING FOR DESTINATION OF NAVIGATION

---

## HOME/WORK/FAVORITE

If your home location and office location have been already saved in the Favorite menu, it can be easily retrieved to set the route to your home location and office location.

**First of all, store in the Favorite menu through destination search function.**

## REGISTERING HOME, WORK OR FAVORITE PLACE

1. Press [NAV] button > [Destination] > [Address Book] > [Favorite] > [Add Home], [Add Work], [Add Favorite 1], [Add Favorite 2] or [Add Favorite 3].
2. Select the desired position through destination search function.
3. Press [OK] when the destination search is complete. It is saved in the Favorite menu automatically.

### NOTE

Press [NAV] button > [Destination] > [Address Book] > [Favorite] to check items saved in the Favorite menu.

## FINDING YOUR HOME, WORK OR FAVORITE PLACE

1. Press [NAV] button > [Destination] > [Address Book] > [Favorite] > [Home], [Work], [Favorite 1], [Favorite 2] or [Favorite 3].
2. Press [Start Guidance].

# USING THE ROUTE MENU

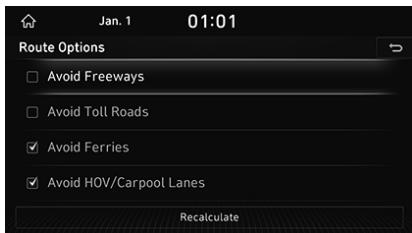
## CANCEL ROUTE

If you want to stop the route guidance when a route is active, press [Menu] > [Cancel Route] or press [NAV] button > [Route] > [Cancel Route].

## ROUTE OPTIONS

You can modify the route conditions or confirm the route information. Set the appropriate route condition according to your purpose.

1. Press [NAV] button or [Menu] > [Route] > [Route Options].



2. Sets the desired options.

- [Avoid Freeways]: Searches for a route that minimizes or avoids the freeway.
- [Avoid Toll Roads]: Searches for a route that minimizes or avoids toll roads.

- [Avoid Ferries]: Searches for a route that avoids the use of ferries.
- [Avoid HOV/Carpool Lanes]: Searches for a route that avoids the use of HOV/Carpool Lanes.

3. Press [Recalculate].

### ! NOTE

The items set by user may not be reflected depending on condition.

## EDIT ROUTE

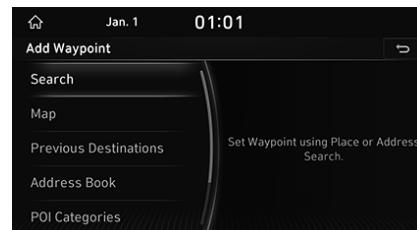
This feature allows you to travel through the searched routes by editing the current route. Waypoints can be added/deleted/edited and the order can be changed.

## ADDING WAYPOINTS

1. Press [NAV] button or [Menu] > [Route] > [Edit Route].



2. Press [Add Waypoint].



# USING THE ROUTE MENU

3. Add the waypoint through destination search function.
4. If you want to add an waypoint, follow steps 2~3.
5. Press [Done] > [Start Guidance].

## REORDERING ROUTE

1. Press [NAV] button or [Menu] > [Route] > [Edit Route].
2. Press the desired item from the list.
3. Drag and drop it to the desired position.
4. Press [Done] > [Start Guidance].

## DELETING ROUTE

1. Press [NAV] button or [Menu] > [Route] > [Edit Route].
2. Press [Menu] > [Delete].



3. Select the desired item, then press [Delete] > [Yes].
  - [Mark all]: Selects all items.
  - [Unmark all]: Unmarks all items.
  - [Cancel]: Exits delete screen.

## ROUTE OVERVIEW

You can check the entire route between your current location and your destination.

1. Press [NAV] button or [Menu] > [Route] > [Route Overview].



2. Press the desired route.
  - [Recommend]: Calculates the route based on the fastest arrival time.
  - [Alternate]: Calculates the alternate route.
  - [Shorter]: Calculates the route based on the shortest distance.
3. Press the desired item.
  - [Start Guidance]: Starts the route guidance.
  - [Route Options]: Modifies the route options.

# USING THE ROUTE MENU

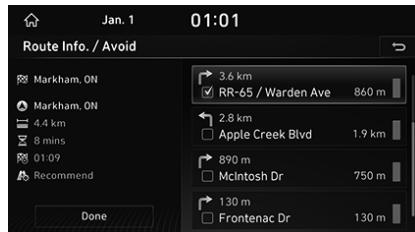
---

- [Route Info. / Avoid]: Checks the route information and search for new route by avoiding the selected street(s).
- [Edit Route]: Edits the current routes.

## ROUTE INFO. / AVOID

This allows you to check the route information and search for new route by avoiding the selected road(s).

1. Press [NAV] button > [Route] > [Route Info. / Avoid].



2. Press the checkmark to select the road(s) that you want to avoid.
3. Press [Done] > [Yes].
4. Press [Current] > [Start Guidance].

# ABOUT HD DATA

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The HD Data is a paid membership satellite radio service which provides users with various information including traffic, weather, and more.

## ACCESSING HD DATA

Press [HOME] button or [  ] > [HD Data].

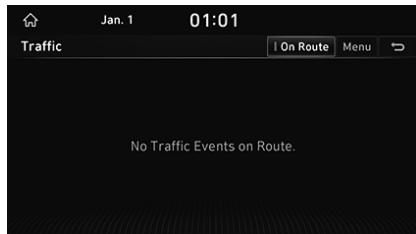


# TRAFFIC

---

The current traffic/road event information is basically displayed on the traffic information list.

1. Press [HOME] button or  > [HD Data] > [Traffic].



## NOTE

This feature may not be reflected depending on condition.

- [On Route]: Displays the traffic information on route when the route is set.

2. Press [Menu] > [Category] or [Distance] to sort in Category or Distance order.  
If you want to check the various traffic information, Press [Menu] > [Category] to search for category. (Accidents, Road Construction, etc)
3. Press the traffic list to display the detailed information.

# WEATHER

---

This service provides current weather information in your region when the vehicle is within regions where HD Radio signals can be received.

1. Press [HOME] button or [⌂] > [HD Data] > [Weather].



- [Forecast]: Checks the weather forecast for the area received by HD Radio signals. Or press [Menu] > [Forecast].

2. Press [Menu] > [Location List]. You can check weather information in other region.

# DOPPLER RADAR

---

This service provides Doppler Radar information in your region, when the vehicle is within regions where HD Radio signals can be received.

Press [HOME] button or [⌂] > [HD Data] > [Doppler Radar].



# CONNECTED SERVICES

---

## BEFORE USING CONNECTED SERVICES

### WHAT IS CONNECTED SERVICES?

This is a telematics service based on our cutting-edge IT system that makes your driving experience more convenient and fun and features safety, security, vehicle diagnostics, remote control and even smartphone synchronization functions.

Enjoy a smarter driving style with Connected Services.

### WHAT IS TELEMATICS?

The word “Telematics” stems from the combination of telecommunications and informatics. It refers to an information system that provides a variety of driving information through the built-in terminal by analyzing each symptom and driving state. This allows for a much safer and more comfortable driving experience.

## ABOUT TRANSMISSION AND RECEPTION OF RADIO WAVES

Connection to the Connected Center or wireless data transmission may be disrupted in the following places.

For radio wave transmission/reception status, refer to the status displayed on the Connected Services screen.

It is recommended that you use the Connected Services system when the antenna icon (  ) shows four bars or more.

Places where Connected Services may be disrupted depending on the transmission/reception status:

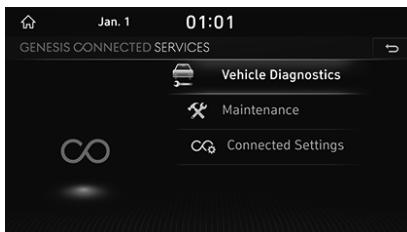
- Inside tunnels
- Mountainous areas or dense forest
- Roads close to cliff edges
- Densely built-up areas
- On highways or roads underneath higher interchange roads
- Inside buildings

# USING CONNECTED SERVICES

## GETTING STARTED WITH CONNECTED SERVICES

Use Connected Services features such as Driving Info and Vehicle Diagnostics. Connected Services features can be used after activating the service. A separate fee may be charged for using Connected Services, and features may differ according to your service plan.

Press [HOME] button or [⌂] > [Connected Services].



- [Vehicle Diagnostics]: Diagnoses anomalies in the vehicle and checks diagnostic results.
- [Maintenance]: Checks the distance/date of the last/next maintenance service.
- [Connected Settings]: Displays [Feature Enrollment], [Modem Information], and [Modem Status].

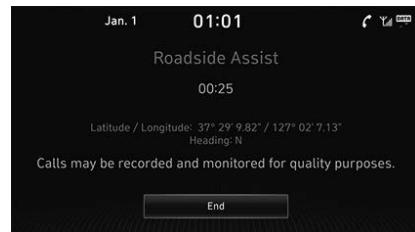
## INTERIOR LIGHT BUTTON

Selecting the Interior light button will allow you to make service required inquiries, place info searches, and emergency rescues by connecting to the Connected Center. Such features can be used only after subscribing to the Connected Services.

Location	Details
	(Connected Services) button Calls or ends the Connected Services call.
<b>SOS</b>	SOS button Calls or ends SOS call. Emergency Rescue Service in Emergency Situation.
	(Voice Local Search) button Request information about places via Voice Local Search.

## CONNECTING WITH THE CONNECTED CENTER

Press [ESC] on the Interior light button to connect with the Connected Center.



# VOICE LOCAL SEARCH

## WHAT IS VOICE LOCAL SEARCH?

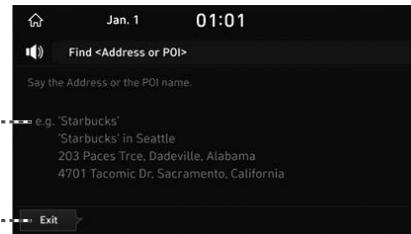
With Genesis Connected Services network service, you can search for HERE-provided place names with your voice.

Voice local search specializes in place name searches and can be used by pressing the [?] key in the Interior light button.

The search is only available when connected communication network.

## STARTING VOICE LOCAL SEARCH

Press [?] key in the Interior light button (less than 0,8 seconds) to start Voice Local Search.



### 1 Example command

Shows an example to ask for a place search.

### 2 End

Ends Voice Local Search.

(With Voice Local Search, press [?] key in the Interior light button again to end the service.)

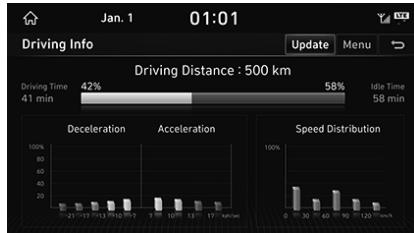
### ! NOTE

If you change the language set for the system to Korean, French or Spanish, this function will not be supported. Change the system language to other language.

# DRIVING INFO

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1. Press [HOME] button or [⌂] > [Driving Info].



2. Select [Menu] > [Update] to receive up-to-date driving information.

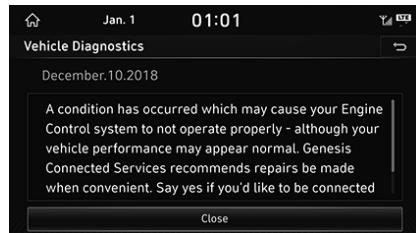
# VEHICLE DIAGNOSTICS

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Vehicle Diagnostics will be canceled if you switch to another screen while diagnosis is in progress.

To receive result details, you need to first register for Connected Services.

Press [HOME] button or [ ] > [Connected Services] > [Vehicle Diagnostics].

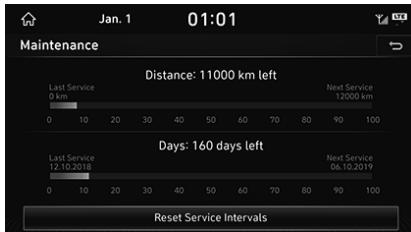


# MAINTENANCE

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You can check the distance/date of the last/next maintenance service.

Press [HOME] button or [⌂] > [Connected Services] > [Maintenance].

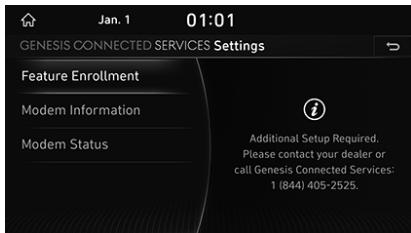


# CONNECTED SETTINGS

## FEATURE ENROLLMENT

After you buy your car, you need to activate (register for) Connected Services to use any Connected Services features.

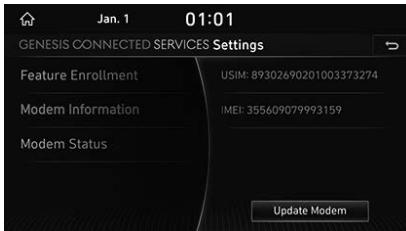
Press [HOME] button or [⌂] > [Connected Services] > [Connected Settings] > [Feature Enrollment].



## MODEM INFORMATION

This feature is used to show the MEID modem information.

Press [HOME] button or [⌂] > [Connected Services] > [Connected Settings] > [Modem Information].



## MODEM STATUS

This feature is used to show the device information.

Press [HOME] button or [⌂] > [Connected Services] > [Connected Settings] > [Modem Status].



### ! NOTE

- Activation may take up to five minutes.
- Do not turn the engine off while activation is in progress.
- If activation fails, contact the Connected Center at 1 (844) 405-2525.
- During service activation, the hard keys in the head unit do not work.

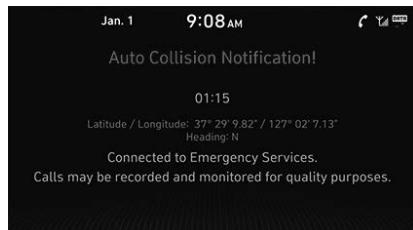
# CONNECTED SERVICES FEATURES

## SAFETY

### AUTOMATIC COLLISION NOTIFICATION AND ASSISTANCE

Provides immediate assistance when an accident occurs and an airbag is deployed.

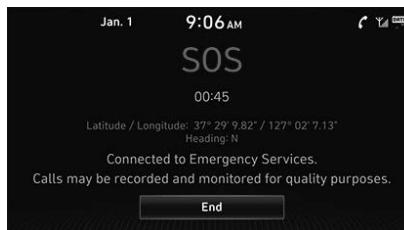
In this event, an ACN signal, containing customer and location information, will automatically be transmitted to the response center. Upon receipt of the signal, a response specialist will attempt to establish voice communications with the vehicle occupants and forward any pertinent information to Connected Services emergency services.



## SOS EMERGENCY ASSISTANCE

Customers request emergency Connected Services emergence services by pressing the dedicated [SOS] button in the vehicle. This action transmits vehicle information and location to specially trained response specialists, who assist in coordinating the dispatch of appropriate emergency assistance to the customer.

The response specialist remains on the line with the customer until advised assistance has arrived.



## ROADSIDE ASSISTANCE

With the single press of a button, drivers can contact Roadside Assistance and their vehicle information and location are automatically transmitted to a response center for quicker, more efficient assistance.

## CAR CARE

### MONTHLY VEHICLE HEALTH REPORT

You can begin receiving a comprehensive diagnostic evaluation involving most aspects of your vehicle's performance (e.g., systems check, mileage attained, upcoming maintenance, etc.).

### AUTOMATIC DIAGNOSTICS TROUBLE CODE NOTIFICATION

When owners receive a vehicle trouble code notification, this feature provides an explanation. Through a combination of in-vehicle display alerts and guided voice messages, the owner will learn what to do next.

### MAINTENANCE ALERT

This feature helps you keep your vehicle in optimum running order by notifying you in advance of regularly scheduled maintenance intervals. Notification is made via your choice of text messaging or email.

# CONNECTED SERVICES FEATURES

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## REMOTE SERVICE

### REMOTE DOOR LOCK/UNLOCK

With this feature, you can lock or unlock your vehicle doors from virtually anywhere by using the Genesis Connected Services Mobile Apps, or using the Genesis Connected Services Owner's website.

### REMOTE HORN/LIGHTS

When the parking spot in the parking lot of a hotel or mart is forgotten, the spot can be checked by the blinking lights and the horn sound.

### REMOTE START WITH CLIMATE CONTROL

This feature enables you to remotely start your vehicle and set an engine timer (1-10 minutes) from virtually anywhere. You can also set the climate control temperature and turn on the front-window defroster, ensuring a warm or cool car is ready to go when you are.

## CAR FINDER

The mobile app feature enables you to find your vehicle on a map.

# PHONE PROJECTION

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## WHAT IS ANDROID AUTO/APPLE CARPLAY?

Securely access your smartphone while driving. Various functions of your smartphone are displayed on and operable from the screen of the multimedia device. (e.g. navigation, making a call, listening to music etc.)

When connected, an Android Auto/Apple CarPlay icon appears on the screen. Available functions and operations may differ depending on the company model.

For more information, visit the Google or Apple website.

- Google: <http://support.google.com/androidauto/>
- Apple: <http://www.apple.com/ios/carplay/>

### Cautions

- Android Auto is a registered trademark of Google Inc.
- Apple CarPlay is a registered trademark of Apple Inc.
- Android Auto and Apple CarPlay are unavailable if the phone OS is not the latest version or if the phone cannot be recognized due to a shutdown caused by a failure or defect in the device itself.

- Your phone may not be recognised if its battery is low. Charge your phone then try again.
- If your phone is shut down due to a defect in the device itself, reset your phone and try again.
- If the USB cable of the Android Auto/Apple CarPlay device is repeatedly disconnected and reconnected in a short period of time, the phone may malfunction. This can also cause a device failure.
- The device recognition time may differ depending on the device type and firmware/OS version.
- Using the USB cable that came with the phone is recommended. (Using a non-genuine product may cause noise or malfunction.)
- Normal operations cannot be guaranteed if the phone is arbitrarily manipulated while Android Auto/Apple CarPlay is active.
- Apple CarPlay cannot be run while making a call via Bluetooth.
- Android Auto or Apple CarPlay may not operate normally due to mobile phone issues.
- Carrier charges may apply when using Android Auto or Apple CarPlay.

- Some features may not operate normally according to the version of iOS and Android.
- The following problems may occur due to phone-related issues:

### [Android Auto]

- Intermittent black screens appear when entering Android Auto.
- Differentiation of phones that support Android Auto and those which do not, may not be possible.
- Black screens appear in some areas of the screen due to app errors.

### [Apple CarPlay]

- Intermittent black screens appear when entering Apple CarPlay.
- Black screens appear in some areas of the screen due to app errors when navigating between screens in Apple CarPlay.
- Audio volume cannot be adjusted depending on the status of a connected mobile phone.
- The sound output of a call may be cut upon disconnecting Apple CarPlay during a call via Apple CarPlay.
- If services do not work properly due to problems similar to the specified above, check your phone, and if necessary, reconnect your phone after restarting.

# PHONE PROJECTION

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## USING ANDROID AUTO OR APPLE CARPLAY

1. Make sure only genuine USB cables are used that were provided by the mobile phone's manufacturer.
2. Enter [Android Auto] or [Apple CarPlay] from the HOME screen.
3. Now the features such as navigation, music and phone are ready to be used.

### NOTICE

- Before connecting your mobile phone, check whether Android Auto or Apple CarPlay is activated in the Phone Projection menu.
- After connecting the mobile phone, the phone has to be unlocked and the disclaimers on the phone have to be accepted in order to launch Android Auto or Apple CarPlay.
- The screens and features displayed on the multimedia system correspond to the screens and features provided by Google or Apple. They are subject to changes according to the policy of the respective company.

### NOTICE - Android Auto

- Bluetooth media features will be disabled when Android Auto is activated. After removing the USB cable, these features will be available again.
- If Android Auto is not activated even after a successful connection, follow these steps:
  - Check whether an error occurred on the phone.
  - Check whether Android Auto has been closed on the phone.
  - Check whether Android Auto is activated in the Phone Projection menu.
- If Android Auto does not work normally even after a reconnection has been made, visit the Google website. (<http://support.google.com/androidauto>)
- Please refer to the following websites to check the available countries for the Android Auto. (<https://www.android.com/auto>)

### NOTICE - Apple CarPlay

- Bluetooth phone/media features will be disabled when Apple CarPlay is activated. After removing the USB cable, these features will be available again.
- If Apple CarPlay is not activated even after a successful connection, follow these steps:
  - Check whether Apple CarPlay is disabled in the iPhone's application settings.
  - Check whether Apple CarPlay is activated in the Phone Projection menu.
- If Apple CarPlay does not work normally even after a reconnection has been made, visit the Apple website. (<http://www.apple.com/ios/carplay>)
- Please refer to the following websites to check the available countries for the Apple CarPlay. (<http://www.apple.com/ios/feature-availability>)

# VOICE MEMO

## MAKING A VOICE MEMO

You can record your voice.

Press [HOME] button or [ ] > [Voice Memo].



### START

Press [ ] on screen. Record your voice.

### PAUSE

Press [ ] on screen.

### STOP

Press [ ] on screen during recording. The recorded file is saved to the voice memo list.

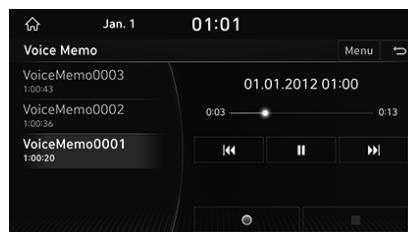
### ! NOTE

- Navigation guidance will be muted while recording.
- The latest recorded file is placed on the top of voice memo list.
- When the storage space is full while recording, the voice memo ends after saved.

## PLAYING A VOICE MEMO

You can play your recorded voice.

- Press [HOME] button or [ ] > [Voice Memo].
- Press the recorded file from voice memo list.



### PAUSE

Press [ ] on screen.

Press [ ] on screen to play it again.

### SKIP

You can play the previous or next file.

Position	Description
Screen	Press [ ].
Head unit	Press [V SEEK/TRACK $\wedge$ ] button.

### SEARCH

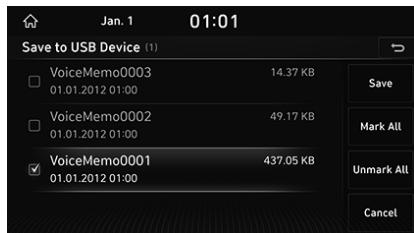
You can rewind/fast forward to a specific point of a file.

Position	Description
Screen	Press and hold [ ] and then release at the point you want.
Head unit	Press and hold [V SEEK/TRACK $\wedge$ ] button and then release at the point you want.

# VOICE MEMO

## SAVING THE VOICE MEMO TO USB DEVICE

1. Connect an USB device to the USB port.
2. Press [Menu] > [Save to USB Device] on the voice memo screen.

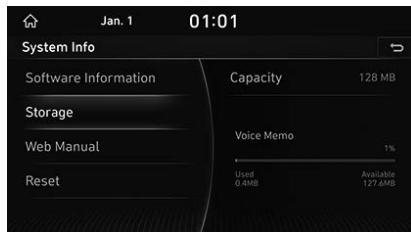


3. Select the voice memo to save and [Save] > [Yes].
  - [Mark All]: Selects all items.
  - [Unmark All]: Unmarks all items.
  - [Cancel]: Exits save screen.

## STORAGE INFORMATION

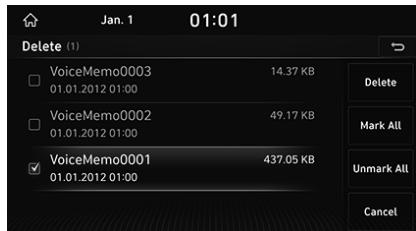
This menu is used to display the capacity of the stored information on the voice memo.

Press [Menu] > [Storage Info] on the voice memo screen.



## DELETING VOICE MEMO

1. Press [Menu] > [Delete] on the voice memo screen.



2. Select the voice memo to delete and press [Delete] > [Yes].
  - [Mark All]: Selects all items.
  - [Unmark All]: Unmarks all items.
  - [Cancel]: Exits delete screen.

# VOICE RECOGNITION SYSTEM

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## WHAT IS VOICE RECOGNITION?

Voice recognition technology runs the system as ordered by recognizing your voice command to help with the operation of multimedia while you are driving the car. Regretfully, not all possible voice commands are recognized by the system due to technological limitations. To make up for these limitations, the system displays the voice commands that are available for you to use.

There are errors in communication between people. Likewise, voice recognition sometimes misunderstands your voice command under certain circumstances. If this happens, either check the screen for the available options and say the command again, or manually select and press the button for the corresponding command on the screen.

## VOICE RECOGNITION FEATURES BY LANGUAGE

Voice recognition support availability varies according to the language set for the system. Please verify the current language setting before using the voice recognition.

- If you change the language set for the system to Korean, voice recognition will not be supported. Change the system language to other language.

## OPERATING VOICE COMMAND

### CONDITION FOR VOICE COMMAND SYSTEM

Most of the functions can be operated by voice. Please follow the instructions below for optimal voice recognition performance.

- To improve the voice recognition performance, keep your car interior quiet by closing all windows and the sunroof.
- Press the voice recognition button and say the desired voice command after the beep sound.
- The microphone is positioned above the driver. Voice commands should be spoken by driver practicing proper posture.
- Pronounce the voice commands naturally and clearly as if in a normal conversation.
- Special symbols of Phonebook Name are not considered in voice recognition.  
Ex) James-Smith : "James Smith"
- House number or digits in Phonebook Name should be spoken discretely.  
Ex) S1234 : "South one two three four"
- Depending on the specifications, some commands may not be supported.

# VOICE RECOGNITION SYSTEM

## STARTING VOICE RECOGNITION

1. Press the [MIC] button on the steering wheel remote control.
2. Say the desired voice command after the beep sound.

### ! NOTE

- For proper recognition, please say the command after the voice instruction and beep sound.
- When starting voice recognition, the voice command entry window with four representative commands is displayed.
- If voice recognition is in [Beginner], then the system will provide the detailed voice recognition guidance. If voice recognition is in [Normal], then the system will provide the simple version of voice recognition guidance. If voice recognition is in [Expert], then you will only hear a beep.

## SKIPPING PROMPT MESSAGES

While a prompt is playing, press the [MIC] button on the steering wheel remote control quickly. The prompt is immediately ended and a beep will sound. After the beep, please say the voice command.

## RE-STARTING VOICE RECOGNITION

While the system waits for input, press the [MIC] button on the steering wheel remote control quickly. The beep tone will sound, indicating the system is listening for a new input. Say a voice command.

## ENDING VOICE RECOGNITION

- While voice recognition is operating, press and hold the [MIC] button on the steering wheel remote control, or say 'Exit'.
- While using voice recognition, pressing other button except on the steering wheel remote control or a different button on head unit will end voice recognition.

## ADJUSTING VOICE RECOGNITION VOLUME

While voice recognition is operating, turn [VOL] knob on the head unit or press [VOL+/VOL-] button on the steering wheel remote control.

## BASIC OPERATION FOR VOICE COMMAND (SETTING FM)

1. Press the [MIC] button on the steering wheel remote control. The system waits for your command and displays a list of available commands on the screen.



2. After the beep, Say 'FM'.

# VOICE RECOGNITION SYSTEM

## VOICE RECOGNITION QUICK START (MANUAL CONTROL)

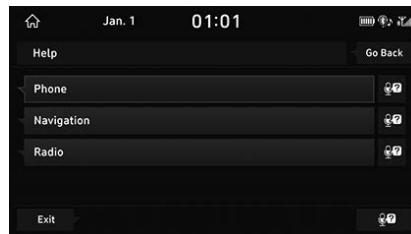
The usual way of activating voice recognition is waiting for the voice guide and then speaking your command for a task. Since this method requires that you wait a while for the voice guide, you can select one of the commands shown on the screen to speed up the process.

You might find this feature useful when you do not want to wait for the full voice guide or when the system does not recognize your voice.



## ABOUT VOICE COMMAND “HELP”

1. Press the [ ] button on the steering wheel remote control.
2. After the beep, say ‘Help’. The available commands are displayed on the screen.



3. Select or say the displayed command on the screen,

# VOICE COMMAND LIST

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Voice recognition commands are classified as “Global Commands” and “Local Commands”.

- Global commands (●) : Commands that can be used immediately after activating voice recognition.
- Local commands (□) : Commands that can be used in specific multimedia/navigation/Bluetooth mode states.

## ! NOTE

Some global and local commands will operate properly only when a USB, iPod, Bluetooth or other device has been connected.

## PHONE COMMANDS

- Voice commands related to phone calls can be used after connecting the Bluetooth phone device.
- To call a person, for example “Call <John Smith>” whose name is listed in contacts, you must first download the mobile phone contacts. (Up to 5,000 mobile phone contacts can be downloaded.)
- After downloading the Bluetooth phone contacts, it will take some time to convert the phone contacts into voice data during which time you cannot make a call by name yet. The time that it taken to convert voice data may vary depending on the number of contacts downloaded.

Command	Operation
● Call	Downloaded mobile phone contacts is displayed on the screen, and afterwards, you can make a call by speaking the name.
● Call <Name>	You can immediately make a call to (name) in the downloaded mobile phone contacts. Ex) “Call John Smith”
● Call <Name> on Mobile	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as ‘mobile’. Ex) “Call John Smith on mobile”
● Call <Name> at Work	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as ‘office’. Ex) “Call John Smith at work”

## VOICE COMMAND LIST

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●	Call <Name> at Home	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as 'home'. Ex) "Call John Smith at home"
●	Call <Name> on Other	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as another phone category except 'mobile, home, office'. Ex) "Call John Smith on other"
●	Dial number	Displays a screen where you can say a phone number to dial.
●	Dial <Phone #>	You can make a call by directly speaking the number you want to call. Ex) Dial 123-456-7890 : "Dial one two three four five six seven eight nine zero"
●	Change Bluetooth device	It can disconnect from the Bluetooth device currently connected and connect to other Bluetooth devices already paired.

## RADIO COMMANDS

Command	Operation
● Radio	It runs radio that listened recently between FM, AM and SiriusXM™.
● FM	It runs FM radio.
● AM	It runs AM radio.
● SiriusXM™	It runs SiriusXM™ radio.

# VOICE COMMAND LIST

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## NAVIGATION COMMANDS

Check the following before you use navigation commands :

1. Search for and find addresses located in the state or province your car is currently in. If you want to search in another state, say the name of state/province and then say the address. "Find Address" command is classified by states/provinces to provide you with faster service.
2. Some commands such as "Cancel Route" are available only when the destination is fixed.

Command	Operation
● Find Address in <State>	Finds the address in <State> and sets it as the destination. Ex) Find Address in California. To find an address, you should say "House Number → Street → City" (in order, excluding the state). Ex) 300 (Three Zero Zero), Main Street, Almond
● Find <POI Category>	Immediately finds <Category> of POI nearest to your current location. Ex) Find "Parking"
● Previous Points	Displays a list combining Previous Destinations, Previous Searches, and Previous Starting Points all together. You can set a destination by saying the list number.
● Previous Destinations	Displays a list of recent destinations and you can set a destination by saying the number on the list.
● Previous Starting Points	Displays a list of recent starting points and you can set a destination by saying the number on the list.
● Traffic Information	Moves to the Traffic Information menu screen.
● Go Home	Set your home as the destination. Your home address must be set up in the Navigation System.
● Change Home	Changes location for Home.

## VOICE COMMAND LIST

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●	Go to Work	Set the destination to your office/place of work. Your office/place of work must be set up in the Navigation System.
●	Change Work	Changes location for Work.
●	Turn Guidance On	Turns on the voice guidance system.
●	Turn Guidance Off	Turns off the voice guidance system.
●	Zoom In	Zooms in on the navigation map to the fullest.
●	Zoom Out	Zooms out from the navigation map to the fullest.
●	Cancel Route	Cancels the route to the fixed destination and exits guidance.
●	Destination Information	Tells you the remaining distance and time to your destination.
●	Frequently Visited Points	Displays Frequently Visited Points.
●	Route Options	Moves to the Route Options screen.
●	Pause Route	Pauses the route guidance.
●	Resume Route	Restarts the route guidance.
●	Show Route	Displays a map overview of the entire route to your destination.

# VOICE COMMAND LIST

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## OTHER COMMANDS (COMMANDS USED IN LIST/HELP/ETC.)

Command		Operation
●	Help	Goes to the voice recognition help screen. All available commands can then be identified and used.
□	Yes/No	When voice recognition is active, this command is used when an answer is requested for a confirmation question.
□	Line 1-4 (One-Four)	When you cannot select a certain name, such as in Call History, you can select it using line number. Simple numbers, such as “one” and “two”, can be recognized.
□	Next/Previous	When five or more searched items are listed, you can move to the previous or next page using a voice command.
□	Manual Input	When Dial or Destination search results are displayed, this command is used to search manually rather than searching using a voice command. Voice recognition stops after this command is used.
□	Go Back	Goes back to the previous screen.
●	Exit	Ends the voice recognition.

# VOICE COMMAND LIST

## LIST OF NEAREST LOCATIONS

Navigation location names may be changed after a software update.

Restaurants		
Fast Food Restaurants	Coffee Shops	Olive Garden
Arby's	Starbucks	Papa John's
Boston Market	Dunkin' Donuts	Papa Murphy's
BURGER KING	Tim Hortons	Pizza 73
Carl's Jr	American Restaurants	Pizza Hut
Chick-fil-A	Applebee's	pizza pizza
Chipotle	Bahama Breeze	Cici's Pizza
Church's Chicken	Boston's Restaurant & Sports Bar	Godfather's
Dairy Queen	Cheeseburger in Paradise	Hungry Howie's Pizza
Firehouse Subs	Chili's Grill	Marco's Pizza
Fleming's	Cool River	Latin American Restaurants
Hardee's	Denny's	Mexican Restaurants
IHOP	Frisch's Big Boy	Cantina Laredo
In-N-Out Burger	Good Eats	Chevys

Jack in the Box	III Forks	El Chico
Jimmy John's	Lee Roy Selmon's	Del Taco
KFC	Lone Star Steakhouse & Saloon	Moe's Southwest Grill
Little Caesars	Longhorn Steakhouse	Qdoba
Long John Silver's	Luckys Cafe	Asian Restaurants
McAlister's Deli	Outback Steakhouse	Chinese Restaurants
McDonald's	Ponderosa	PF Chang's China Bistro
Panda Express	Publix	Japanese Restaurants
Panera Bread	Seasons 52	Korean Restaurants
Popeyes	Sheetz	Seafood Restaurants
Quiznos Sub	Silver Fox	Red Lobster
Schlotzsky's	Texas Roadhouse	Captain D's
SONIC	TGI Friday's	Vegetarian Restaurants
SUBWAY	The Capital Grille	French Restaurants
Taco Bell	A&W	Continental Restaurants
Taco John's	Bob Evans	African Restaurants
Waffle House	Buffalo Wild Wings	Other Restaurants

# VOICE COMMAND LIST

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Wendy's	Cracker Barrel Old Country Store	Auntie Anne's
White Castle		Baskin-Robbins
Blimpie	Golden Corral	Haagen-Dazs
Checkers	Red Robin	Hooters
Culver's	Ruby Tuesday	Roy's
Five Guys Burgers and Fries	Wingstop	TCBY
Jamba Juice	Italian Restaurants	VAN DER VALK
Jersey Mike's Subs	Bonefish Grill	Bojangles'
Smoothie King	Carrabba's Italian Grill	Cold Stone Creamery
Steak n Shake	Chuck E Cheese's	Zaxby's
Whataburger	Domino's	

Automotive		
Hyundai Dealerships	Speedway	ACDelco
Genesis Dealerships	Sunoco	Hydrogen Stations
Gas Stations	Sunoco Canada	Big O Tires
76	TEXACO	CARQUEST
ampm	TravelCenters of America	Meineke Car Care Center
ARCO	Ultramar	Monro Muffler Brake & Service
BP	Valero	Napa Autocare Center
Gas+	Wawa	Pep Boys
Casey's General Store	Hess Express	Quick Lane
Cenex	Irving	Safelite AutoGlass
Chevron	Parking	Tires Plus
CITGO	Auto Services	Valvoline Instant Oil Change
Conoco	AAA	Roadside Assistance
Esso	Advance Auto Parts	Auto Parts

# VOICE COMMAND LIST

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Exxon	America's Tire	Car Washes
Fleetfuels	AutoZone	Automobile Dealerships
GetGo	BOSCH Car Service	Motorcycle Dealerships
Giant Gasoline	O'Reilly Auto Parts	Electric Charging Stations
GTO	Certigard	Aloha
Gulf	Chevron	Chevron
Husky	CITGO	CITGO
Ingles Gas Express	Discount Tire	Costco
Marathon	Exxon	Exxon
Martin's Gasoline	Firestone	Flying J
Meijer	GOODYEAR	Fred Meyer Fuel Center
Mobil	Gulf	Fry's Fuel Center
Murphy Express	Jiffy Lube	Fry's Marketplace Fuel Center
Murphy USA	Kal Tire	Kroger Fuel Center
Petro Stopping Centers	Midas	Kum & Go

PETRO-CANADA	Mobil	Kwik Trip
Phillips 66	Napa	Meijer Gas Station
Pioneer		Murphy Express
QuikTrip	PETRO-CANADA	NISSAN
Rutter's	Sears Auto Center	QuikTrip
Sheetz	Shell	Shell
Shell	TEXACO	TEXACO
Sinclair	AAMCO Transmissions	Valero

# VOICE COMMAND LIST

Travel		
Airports	Homewood Suites	Staybridge Suites
Hotels	Hotel Indigo	Studio 6
Americas Best Value Inn	Howard Johnson	Suburban Extended Stay
AmericInn	Hyatt Place	Super 8
Andaz	Hyatt	Thriftlodge Canada
Ascend Collection	Hyatt Summerfield Suites	Travelodge
Baymont Inn & Suites	Intercontinental	Travelodge Canada
Best Western	JW Marriott	VAN DER VALK
Cambria Suites	La Quinta Inn & Suites	WALDORF ASTORIA COLLECTION
Canadas Best Value Inn	Lexington	Wingate by Wyndham
Candlewood Suites	Mainstay Suites	Wyndham
Clarion Hotel	Marriott	Extended StayAmerica
Comfort INN	Marriott VACATION CLUB	Fairfield Inn by Marriott
Comfort Suites	Microtel Inns & Suites	Rental Car Agencies
CONRAD	Motel 6	Alamo
Country Inn & Suites by Carlson	NOVOTEL	AVIS

COURTYARD by Marriott	Omni Hotels	Budget
Crowne Plaza	Park Inn	Dollar Rent A Car
Days Inn	Park Plaza	Enterprise
DELTA	QUALITY INN	Hertz
Doubletree	Radisson	National
Econo Lodge	Radisson SAS	Thrifty
Embassy Suites	RAMADA	Tourist Information
Grand Residences by Marriott	Red Roof Inn	Tourist Attractions
Hampton Inn	Regent Hotels & Resorts	Travel Agents
	Renaissance	Rest Areas
Hawthorn Suites	Residence Inn	City Centers
Hilton	Ritz-Carlton	Campgrounds
Hilton Garden Inn	Rodeway Inn	Ferry Terminals
Hilton Grand Vacations	Sheraton	Bus Stations
Holiday Inn	Sleep Inn	Local Transit
Holiday Inn Express Hotel & Suites	SOFITEL	Train Stations

# VOICE COMMAND LIST

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Shopping		
Department Stores	Meijer	Bath & Body Works
Canadian Tire	Publix	BED BATH & BEYOND
Dollar General	Sav-Mor Foods	Carpet One
Dollar Tree	Save-A-Lot	Do It Best
Family Dollar	SuperValu	Family Video
JCPenney	Albertsons	GNC
Kmart	ALDI	HOBBY LOBBY
Kohl's	Piggly Wiggly	Home Hardware
Nordstrom	Safeway	Jo-Ann
Sears	Winn-Dixie	Michaels
Sears Hometown Store	Pharmacies	Party City
Target	CVS/pharmacy	Pier 1 Imports
T.J. Maxx	Giant Drugstore	Sam's Club
Walmart	Giant Eagle	SEPHORA
Big Lots	Ingles Pharmacy	Sleepy's
Macy's	Kmart Pharmacy	Sunglass Hut
Marshalls	Kroger Pharmacy	Toys"R"Us

Ross Dress For Less	Martin's Drugstore	Tuesday Morning
Convenience Stores	Meijer Pharmacy	Sporting Goods Stores
7-Eleven	Publix	Dick's Sporting Goods
ampm	Rite Aid	Sports Authority
BP	Shoppers Drug Mart	HIBBETT SPORTS
Circle K		Music Stores
Fleetfuels	Walgreens	Bookstores
GetGo	Medicine Shoppe	Barnes & Noble Booksellers
GTO	Safeway	Gift Shops
Kangaroo Express	Sam's Club	Clothing Shops
Murphy Express	Electronics Stores	Mark's
Murphy USA	AT&T	Payless Shoesource
Petro Stopping Centers	Best Buy	Aeropostale
QuikTrip		American Eagle Outfitters
Rutter's	GameStop	Cato
Sunoco Canada	Radioshack	Chico's
TravelCenters of America	Sprint	Children's Place

# VOICE COMMAND LIST

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Wawa	Staples	Dressbarn
Cumberland Farms	T-Mobile	Famous Footwear
Hess Express	OfficeMax	Finish Line
Mac's	US Cellular	Foot Locker
Mini Mart	Verizon	GAP
Quick Stop	Boost Mobile	Gymboree
Valero Corner Store	Cricket Wireless	Hot Topic
Shopping Centers	metroPCS	Journeys
	Home Specialty Stores	Justice
	ABC Fine Wine & Spirits	Lane Bryant
	Ace Hardware	Men's Wearhouse
US Bank	Claire's	Old Navy
Grocery Stores	Costco	PacSun
Giant Eagle	Home Depot	Rainbowshops
Giant Food Stores	Lowe's	rue21
IGA	Merle Norman	Victoria's Secret
Ingles Markets	PETCO	Shoe Stores
Food Lion	PETSMART	Payless Shoesource

Kmart	Sally Beauty Supply	General Merchandise
Kroger	SHERWIN-WILLIAMS	
Martin's Food Markets	True Value	

## Recreation

Amusement Parks	Sports Complexes	Ski Resorts
Museums	Sports Activities	Recreation Areas
Cinemas	Wineries	Other Recreation Areas
Golf Courses	Video & Game Rental	

## Financial Services

Banks	Capital One	TD Bank
Bank of America	CIBC	TD Canada Trust
BB&T	First Citizens Bank	US Bank
Chase	First National Bank	Wells Fargo
Citibank	M&T Bank	Bank of the West
Citizens Bank	Santander	BMO Bank of Montreal
Fifth Third Bank	Scotiabank	BMO Harris Bank

# VOICE COMMAND LIST

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KeyBank	The Huntington National Bank	Caisse Populaire Desjardins
PNC Bank	Woodforest National Bank	Capital One
RBC Royal Bank	ATMs	CIBC
Regions	Bank of America	Commerce Bank
SunTrust	BB&T	First National Bank
TD Bank	Chase	HSBC
TD Canada Trust	Citibank	M&T Bank
US Bank	Citizens Bank	Santander
Wells Fargo	Fifth Third Bank	Scotiabank
Bank of the West	KeyBank	State Employees' Credit Union
BBVA Compass	PNC Bank	Check Cashing Services
BMO Bank of Montreal	RBC Royal Bank	Money Transfer
BMO Harris Bank	Regions	
Caisse Populaire Desjardins	SunTrust	

Community		
Police Stations	Convention Centers	Court Houses
Post Offices	Churches	Government Offices
Libraries	Synagogues	Waste & Sanitary Services
Schools	City Halls	Utilities
Fire Departments	Civic Centers	Business Facilities
Services		
Hospitals	Cleaning & Laundry Services	Nursing Homes
Medical Services	Social Services	Optical Services
Physicians	Communication	Personal Services
Tax Services	Dentists	Repair Services
Attorneys	Photography Services	Veterinary Hospitals
Funeral Homes	Tailors & Alterations	Shipping Centers
Hair & Beauty Services	Movers	

## ABOUT SIRI®

### WHAT IS SIRI®?

Apple wants to integrate the Siri to specific voice control system by working with car manufacturers.

You can ask Siri through the [Siri] button on the steering wheel remote control while driving.

The Apple device (iOS device) screen does not light up to minimize impact on the driving. If there is "Eyes-free" function, you can operate the Siri feature. (Making phone calls, Playing music, Listening to or writing a text message, Finding the destination by using the map, Looking for calendar information, etc)

## USING SIRI®

### STARTING SIRI®

1. Connect your Apple device (iOS device) to head unit through Bluetooth.

Please check whether your Apple device (iOS device) supports Siri and turning Siri On.

2. Press and hold the [Siri] button on the steering wheel remote control.



3. Say a command. For proper recognition, please say the command after the voice instruction and Siri beep tone.

### RE-STARTING SIRI®

- While system waits, press the [Siri] button on the steering wheel remote control. The command waiting condition is ended and the beep tone will make sound. After the "beep", say the voice command.
- Press [Speak] on the Siri screen. The command waiting condition is ended and the beep tone will make sound. After the "beep", say the voice command.

### ENDING SIRI®

- While Siri is operating, press and hold the [Siri] button on the steering wheel remote control or say "Exit".
- While using voice recognition, pressing other button except on the steering wheel remote control or a different button on head unit will end Siri feature recognition.
- Press [Exit] on the Siri screen.

### ADJUSTING SIRI® VOLUME

While Siri is operating, turn [VOL] knob on the head unit or press [VOL+/VOL-] button on the steering wheel remote control.

### ! NOTE

- Please see the AVN system only supports "Music" and "Phone" related functions. Other functions will be performed in the your Apple device (iOS device).
- Eyes-Free mode would be activated automatically while you are driving. If the car is stopped (when the transmission lever is put to P), Eyes-Free mode would be deactivated automatically.

# USING REAR CAMERA - OPTION

## ABOUT REAR CAMERA

- Rear camera is an option for the customers who selected the option.
- In this instrument, for the safety of the user, a rear camera that can secure the rear view during the backward driving is connected.
- After the vehicle is started, if the transmission lever is put to R, the rear camera power is automatically turned on, and the rear camera starts operation.
- If you change the transmission lever location from R to another position, rear camera stops.

## TURNING ON THE REAR CAMERA

When the vehicle is started, put the transmission lever to R position.



### ! NOTE

Rear camera has an optical lens to secure wide view, so there is a little difference in the distance shown on the screen. For safety, make sure to check the rear, left, and right view by yourself.

## BACKING UP & USING CAMERA

Never rely solely on the rear view camera when backing up. Prior to entering your vehicle always do a visual check of the area behind your vehicle, and before backing up be aware of your surroundings and supplement the rear view camera by looking over your shoulders and checking your rear view mirrors. Due to the difficulty of ensuring that the area behind you remains clear, always back up slowly and stop immediately if you even suspect that a person, and especially a child, might be behind you.

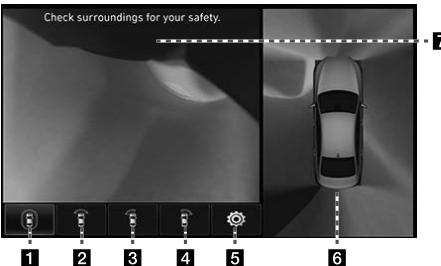
# SVM (SURROUND VIEW MONITOR) - OPTION

## ABOUT SVM (SURROUND VIEW MONITOR)

- SVM (Surround View Monitor) is an option that is provided to the customers who selected the option.
- Through the 4 cameras installed on the vehicle, it can view front, back, left and right side.
- While vehicle is started, if gear is put to R position, it automatically starts SVM (Surround View Monitor).
- If gear is changed from R to P position, SVM (Surround View Monitor) operation stops.

## OPERATING FRONT SVM

After starting the vehicle, if you press camera view button after putting gear to N or D, front SVM starts.



### 1 Wide View (Front)

Only front screen of the vehicle is displayed.

### 2 Top View (Front)

Displays an enlarged top view of the front.

### 3 Front + Left Front View

It displays left front screen of the vehicle simultaneously.

### 4 Front + Right Front View

It displays right front screen of the vehicle simultaneously.

### 5

Move to SVM Settings Menu.

### 6 Top View Screen

Displays top view that combines front, rear, left/right camera images.

### 7 Front Camera Screen

Front camera's view is displayed.

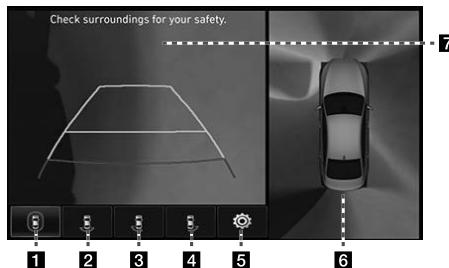
### NOTE

While front SVM is running, if you drive at about 15 km/h or more, SVM is turned off. At this state, even if you drive at about 15 km/h or less, SVM is remained at OFF state.

# SVM (SURROUND VIEW MONITOR) - OPTION

## OPERATING REAR SVM

After starting the vehicle, if you put gear at R position, rear SVM starts.



### 1 Rear Around View

It displays vehicle's rear screen and all direction (SVM) screens at the same time.

### 2 Rear Wide View

It displays only the rear screen of the vehicle.

### 3 Rear + Left Rear View

It displays left rear screen of the vehicle simultaneously.

### 4 Rear + Right Rear View

It displays right rear screen of the vehicle simultaneously.



Move to SVM Settings Menu

### 6 Top View Screen

Displays top view that combines front, rear, left/right camera images.

### 7 Rear Camera Screen

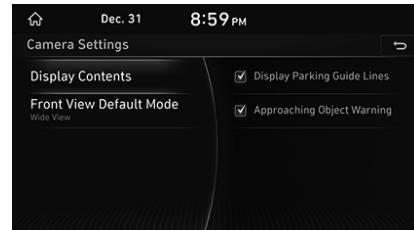
It displays rear view through the rear camera.

### ! NOTE

SVM camera has an optical lens to secure wide view, so there is a little difference between the distance shown on the screen and the actual one. For safety, make sure to check the rear, left, and right view by yourself.

## SVM SETTING

If you press , it moves to Camera Settings screen.



- [Display Contents]: Enables/disables [Display Parking Guide Lines], [Approaching Object Warning] function.
- [Front View Default Mode]: Sets the initial view of the Front View.

# SVM (SURROUND VIEW MONITOR) - OPTION

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## WARNING DISPLAY



## TRUNK OPEN INDICATOR

When trunk is open, “

## SIDE MIRROR FOLDING INDICATOR

When the side mirror is folded, “

## DRIVER'S DOOR OPEN INDICATOR

When the driver's door is open, “

## FRONT PASSENGER'S DOOR OPEN INDICATOR

When the front passenger's door is open, “

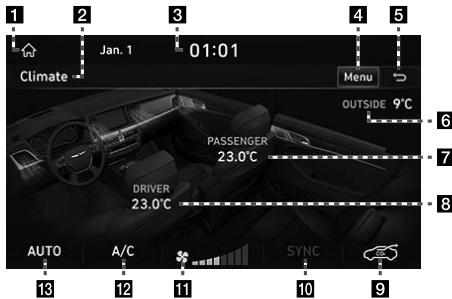
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# CLIMATE

## OPERATING CLIMATE

Press [HOME] button or  > [Climate].



Move to Home Screen.



It displays the currently running mode.



Move to Date/Time Settings Screen.



It displays Climate Menu.



Move to Home screen or previous screen.

### 6 OUTSIDE

It displays the outside temperature of the vehicle.

### 7 PASSENGER

It displays the set temperature of the front passenger seat.

### 8 DRIVER

It displays the set driver seat temperature.

### 9 Excessive indoor CO2 Display

It is displayed when excessive indoor CO2 is detected.

### 10 SYNC

When SYNC is selected on the center fascia, front passenger seat temperature is set based on driver seat.

### 11 Blower Level

It displays the set blower level.

### 12 A/C

It is displayed when A/C is selected on the center fascia, and air conditioner is operated for vehicle cooling.

### 13 AUTO

It is displayed when Auto is selected on the center fascia, and blower level and air conditioner/heater are automatically operated based on the set temperature.

# CLIMATE

## CLIMATE MENU

Press [Menu] on Climate screen.



### 1 Rear Climate

Turns Climate Control for the rear seats on or off.

(If the air vent for rear seat is closed, the [Rear Climate] is deactivated.)

### 2 Smart Vent

When cabin humidity increases while the Climate Control is off, air is automatically expelled from the vehicle to maintain a comfortable environment.

### 3 Auto Defog (ADS)

If fogging occurs on the windshield due to internal/external temperature difference, the air conditioner automatically operates in the direction of the glass to clear the windshield.

### 4 Help

Move to Help Menu Screen.

# NAVIGATION

This menu describes navigation settings.

## DISPLAY

This menu is used to change the display environment settings.

1. Press [HOME] button or  > [Setup] > [Navigation] > [Display].



2. Select the desired items.

- [Map Display]: Changes the map view perspective.
- [3D Buildings]: Displays the 3D building in screen.
- [Show Previous Destinations after Navigation Start-Up]: Changes the previous destination view setting when starting Navigation. When this is selected and when navigation is started without a route planned, a list of previous

destination will be displayed.

- [Auto Re-center Map]: Sets whether to return to the current position on the map automatically after scrolling the map.
- [Save Previous Destinations]: Sets whether to automatically save a location in Previous Destinations.
- [Speed Limit]: Sets whether to display the Speed Limit Guidance or not.
- [Text Size]: Sets the map font size to [Small], [Medium] or [Large].
- [GPS Information]: Checks the GPS information.

## GUIDANCE

This menu is used to change the guidance settings.

1. Press [HOME] button or  > [Setup] > [Navigation] > [Guidance].



2. Select the desired items.

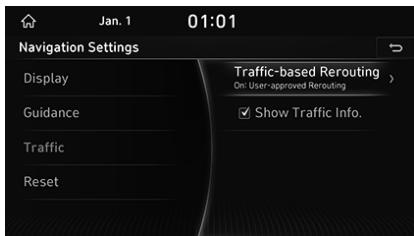
- [Number of Guidance Prompts]: Sets the frequency of the route guidance to [Fewer] or [More].
- [Set Guide Distances]: Sets the method used to display distances in the turn-by-turn directions display. Select [Distance from Vehicle] or [Distance Between Turns].
- [Navigation Guidance Priority]: Sets whether to lower all other audio volumes when Navigation prompts are playing.

# NAVIGATION

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## TRAFFIC

1. Press [HOME] button or  > [Setup] > [Navigation] > [Traffic].

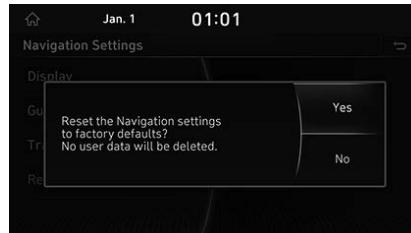


2. Select the desired item.
  - [Traffic-based Rerouting]: Sets the type of traffic-based rerouting to be used.
  - [Show Traffic Info.]: Shows traffic information.

## RESET

This menu is used to reset all Navigation settings.

1. Press [HOME] button or  > [Setup] > [Navigation] > [Reset].



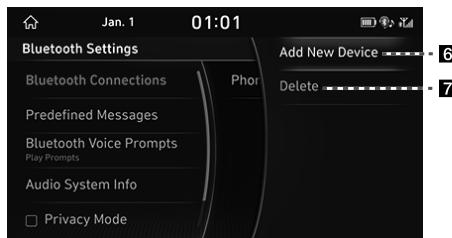
2. Press [Yes].

# BLUETOOTH

This menu describes Bluetooth settings.

## BLUETOOTH CONNECTIONS

Press [HOME] button or [Home] > [Setup] > [Bluetooth] > [Bluetooth Connections].



### 1 Paired device list

Displays the paired Bluetooth device list. When selecting from the list, the device is either connected or disconnected.

### 2 Menu

Displays the Bluetooth Settings menu.

### 3 Bluetooth audio connection status

An icon appears when you make a Bluetooth audio connection.

### 4 Bluetooth hands-free connection status

An icon appears when you make a Bluetooth hands-free connection.

### 5 Add new device

Registers a new Bluetooth device.

### 6 Add new device

Registers a new Bluetooth device.

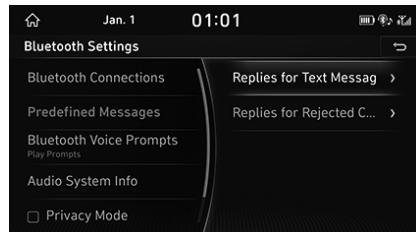
### 7 Delete

Deletes the registered Bluetooth devices.

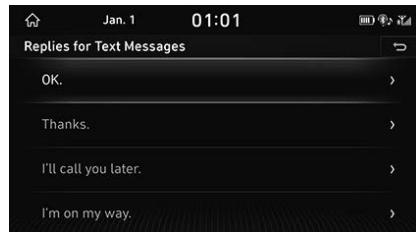
## PREDEFINED MESSAGES

You can check and change registered reply messages.

1. Press [HOME] button or [Home] > [Setup] > [Bluetooth] > [Predefined Messages].



2. Press [Replies for Text Messages] or [Replies for Rejected Calls].



# BLUETOOTH

3. Select the desired message.



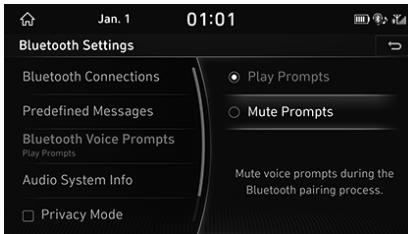
4. Change the message, and then press [ ].

## ! NOTE

Depending on the model of the connected Bluetooth device, [Predefined Messages] function may not be supported.

## BLUETOOTH VOICE PROMPTS

1. Press [HOME] button or [ ] > [Setup] > [Bluetooth] > [Bluetooth Voice Prompts].



2. Select the desired option.

- [Play Prompts]: Play voice prompts during the Bluetooth pairing process.
- [Mute Prompts]: Mute voice prompts during the Bluetooth pairing process.

## AUDIO SYSTEM INFO

1. Press [HOME] button or [ ] > [Setup] > [Bluetooth] > [Audio System Info].



2. Press the desired item.

- [Vehicle Name]: Changes the Bluetooth device name of the vehicle.
- [Passkey]: Changes the passkey required to connect a Bluetooth device to the car.

# BLUETOOTH

## VEHICLE NAME

1. Press [HOME] button or [ ] > [Setup] > [Bluetooth] > [Audio System Info] > [Vehicle Name].



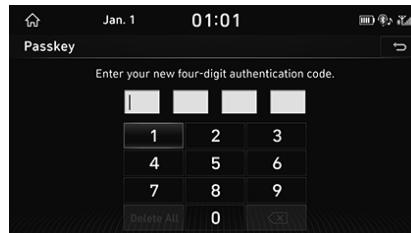
2. Input the desired name using the keypad, then press [ ].

### ! NOTE

The default vehicle name is set to GENESIS G80.

## PASSKEY

1. Press [HOME] button or [ ] > [Setup] > [Bluetooth] > [Audio System Info] > [Passkey].



2. Change the authentication code using the keypad if needed.

## PRIVACY MODE

Privacy mode is used to protect private information. If you activate privacy mode, the audio system will not display contacts, call history, favorites, and messages.

1. Press [HOME] button or [ ] > [Setup] > [Bluetooth] > [Privacy Mode].



2. Mark or unmark [Privacy Mode].

# BLUETOOTH

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## RESET

This menu is used to reset Bluetooth settings to factory defaults.

1. Press [HOME] button or [ ] > [Setup] > [Bluetooth] > [Reset].



2. Press [Yes].

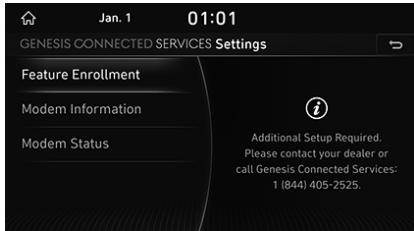
# CONNECTED SERVICES

This menu describes Connected Services settings.

## FEATURE ENROLLMENT

This menu is used to activate the Connected Services.

Press [HOME] button or [] > [Setup] > [Connected Services] > [Feature Enrollment].



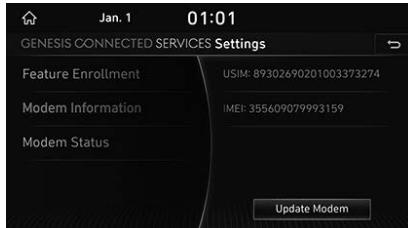
### ! NOTE

If activation fails, contact the Connected Center at 1 (844) 405-2525.

## MODEM INFORMATION

This menu is used to check the Modem Information.

Press [HOME] button or [] > [Setup] > [Connected Services] > [Modem Information].



## MODEM STATUS

This menu is used to check the Modem status.

Press [HOME] button or [] > [Setup] > [Connected Services] > [Modem Status].



# PHONE PROJECTION

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In this menu Android Auto and Apple CarPlay can be enabled by setting a checkmark.

1. Press [HOME] button or  > [Setup] > [Phone Projection].



2. Press the desired feature.

- [Enable Android Auto]: The system is now ready to recognize an Android Auto device and launch Android Auto functions, when connected via USB. Make sure that an up-to-date version of Android (Android 5.0 and later) is installed. Some features may not be available while using Android Auto.
- [Enable Apple CarPlay]: The system is now ready to recognize an Apple CarPlay device and launch Apple CarPlay functions, when connected via USB. Make sure that an up-to-date version of iOS is installed. Some features may not be available.

## NOTE

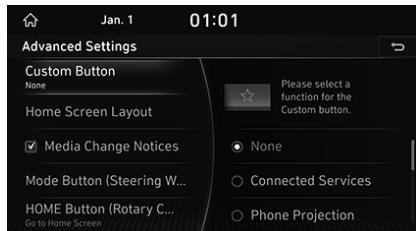
The [Phone Projection] settings cannot be changed while an external device is connected via USB.

# ADVANCED

## CUSTOM BUTTON

This menu is used to select a function you want to execute with the custom button.

1. Press [HOME] button or [ ] > [Setup] > [Advanced] > [Custom Button].



2. Press the desired feature.

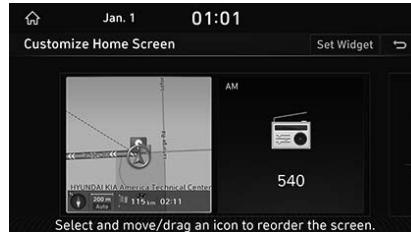
## HOME SCREEN LAYOUT

This menu is used to select Home screen widgets and rearrange menu icons.

1. Press [HOME] button or [ ] > [Setup] > [Advanced] > [Home Screen Layout].



2. Press [Edit].

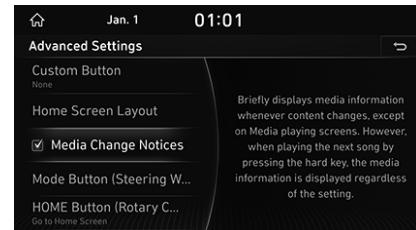


3. Hold and drag an item to rearrange the screen.

## MEDIA CHANGE NOTICES

This menu is used to display briefly media information whenever the content changes, except on Media playing screens.

- Press [HOME] button or [ ] > [Setup] > [Advanced] > [Media Change Notices].



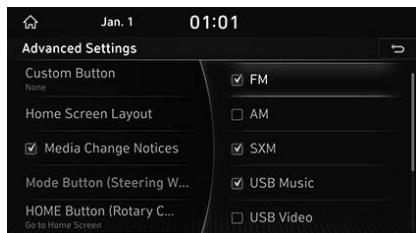
# ADVANCED

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## MODE BUTTON (STEERING WHEEL)

This menu is used to access to selected media by using [MODE] button on the steering wheel remote control. Only active/available media can be accessed.

1. Press [HOME] button or  > [Setup] > [Advanced] > [Mode Button (Steering Wheel)].

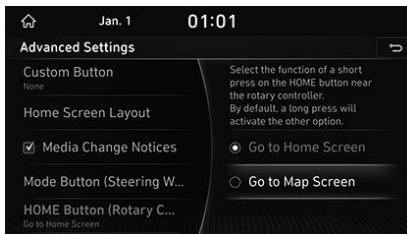


2. Select the desired features.

## HOME BUTTON (ROTARY CONTROLLER)

This menu is used to set the function to be activated when the [HOME] button is pressed briefly.

1. Press [HOME] button or  > [Setup] > [Advanced] > [HOME Button (Rotary Controller)].



2. Press a desired item.
  - [Go to Home Screen]: Switches to HOME Screen when you press HOME button shortly.
  - [Go to Map Screen]: Moves to the map screen when HOME button is pressed shortly.

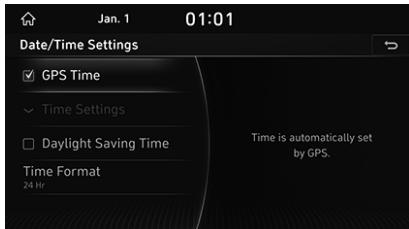
# DATE/TIME

This menu describes Date/Time settings.

## GPS TIME

This menu is used to display time according to the received GPS time.

Press [HOME] button or [] > [Setup] > [Date/Time] > [GPS Time].



### ! NOTE

When the GPS Time is turned off, you can set the time manually.

## TIME SETTINGS

1. Press [HOME] button or [] > [Setup] > [Date/Time] > [Time Settings].



2. Set the time, then press [OK].

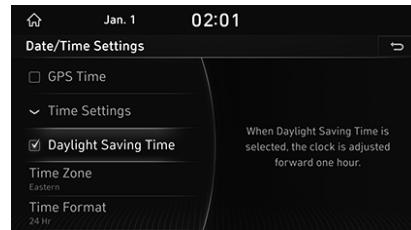
### ! NOTE

[Time settings] cannot be used when GPS time is set. To set the time manually, change [GPS Time] setting to off, and set the time.

## DAYLIGHT SAVING TIME

This menu is used to turn on/off daylight saving time feature.

Press [HOME] button or [] > [Setup] > [Date/Time] > [Daylight Saving Time].



### ! NOTE

When [Daylight Saving Time] is turned on, the clock is adjusted forward one hour.

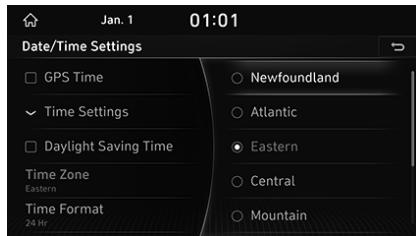
# DATE/TIME

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## TIME ZONE

This menu is used to select the time zone.

1. Press [HOME] button or  > [Setup] > [Date/Time] > [Time Zone].

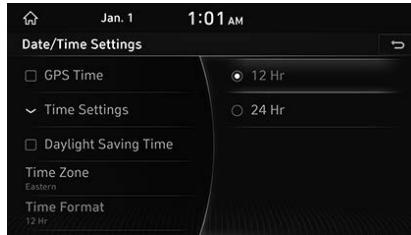


2. Select the desired time zone.

## TIME FORMAT

This function is used to convert the digital clock display between 12 Hour/24 Hour systems.

1. Press [HOME] button or  > [Setup] > [GPS time] > [Time Format].



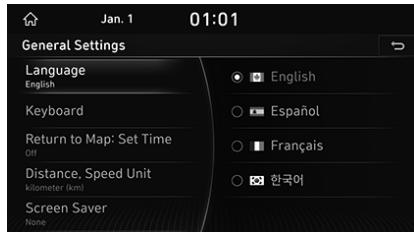
2. Select [12Hr] or [24Hr].

# GENERAL

## LANGUAGE

This menu is used to set the language of the system display and voice language.

1. Press [HOME] button or  > [Setup] > [General] > [Language].



2. Select the desired language.

## KEYBOARD

This menu is used to change the type of keyboard used within the system for each language.

The set keyboard will be applied to all input modes across the entire system.

1. Press [HOME] button or  > [Setup] > [General] > [Keyboard].



2. Select the keyboard type.

## RETURN TO MAP: SET TIME

This menu is used to switch from Radio/Media to Map screen automatically after selected time.

1. Press [HOME] button or  > [Setup] > [General] > [Return to Map: Set Time].



2. Press the desired item.

# GENERAL

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## DISTANCE, SPEED UNIT

This menu is used to change the type of unit used within the system.

1. Press [HOME] button or  > [Setup] > [General] > [Distance, Speed Unit].

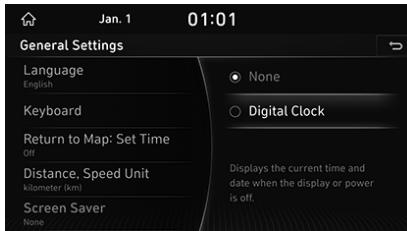


2. Press the desired item.

## SCREEN SAVER

This menu is used to select the screen displayed when the system power is turned off.

1. Press [HOME] button or  > [Setup] > [General] > [Screen Saver].



2. Press the desired item.
  - [None]: The system does not show any screensaver when the display or power is off.
  - [Digital Clock]: The current date and time are displayed when the display or power is off.

# SOUND

This menu is used to adjust the sound effects for the whole system.

## BEEP

This menu is used to play a beep sound whenever you operate the touch screen.

Press [HOME] button or [⌂] > [Setup] > [Sound] > [Beep].



## POSITION

This menu is used to set the sound position.

1. Press [HOME] button or [⌂] > [Setup] > [Sound] > [Position].



- [5-Position Simple Setting]: Touch the diagram to focus sound in the vehicle. Uncheck for more detailed control.

2. Adjust the sound position.

### ! NOTE

Press [⊕] to reset sound to the center position after unchecking [5-Position Simple Setting].

## EQUALIZER

This menu is used to set the Treble/Mid/Bass.

1. Press [HOME] button or [⌂] > [Setup] > [Sound] > [Equalizer].



2. Adjust the Treble/Midrange/Bass.

### ! NOTE

Press [Center] to reset the [Equalizer] settings.

# SOUND

## PRIORITY

This menu is used to set the volume ratio.

1. Press [HOME] button or  > [Setup] > [Sound] > [Priority].



2. Select the desired item.

- [Navigation Guidance]: Lowers all other audio volumes when Navigation prompts are playing.
- [Back-up Warning]: Lowers all other audio volumes when the vehicle shifts into reverse.
- [Navigation During Calls]: Plays audio Navigation guidance during phone calls.
- [Start-up Max. Vol. Limit]: Lowers Radio and Media volumes if they are higher than factory set maximum start-up levels.

## VOLUME (SYSTEM)

This menu is used to set the volume for each mode.

1. Press [HOME] button or  > [Setup] > [Sound] > [Volume (System)].



2. Adjust the volume of the [Ringtone], [Voice Recognition Prompts], and [Navigation].

## VOLUME (PHONE PROJECTION)

This menu is used to set the volume for [Android Auto] and [Apple CarPlay] mode.

1. Press [HOME] button or  > [Setup] > [Sound] > [Volume (Phone Projection)].



2. Adjust the volume of the [Android Auto] and [Apple CarPlay].
  - [Android Auto]: Sets the media and guidance volume when using the Android Auto function.
  - [Apple CarPlay]: Sets the media, phone, navigation, voice, ringtone volume when using the Apple CarPlay function.

### ! NOTE

Press [Default] to reset the [Android Auto] and [Apple CarPlay] settings.

# SOUND

## NAVIGATION VOLUME

This menu is used to set the navigation volume.

1. Press [HOME] button or  > [Setup] > [Sound] > [Navigation Volume].



2. Select the desired item.

- [Use Map Screen Volume Buttons]: Adjusts the volume using the volume buttons on the map screen.
- [Use Map screen Volume Buttons or Volume Knob]: Adjusts the volume by using the volume buttons on the map screen or by turning the volume knob when the navigation guidance is playing.

## SPEED DEPENDENT VOL.

This menu is used to automatically control the audio volume according to the speed of the vehicle.

1. Press [HOME] button or  > [Setup] > [Sound] > [Speed Dependent Vol.].



2. Press the desired item.

## QUANTUM LOGIC SURROUND (OPTION)

This menu is used to set to the stereo sound improving space and depth.

1. Press [HOME] button or  > [Setup] > [Sound] > [Quantum Logic Surround].



2. Select the desired item.

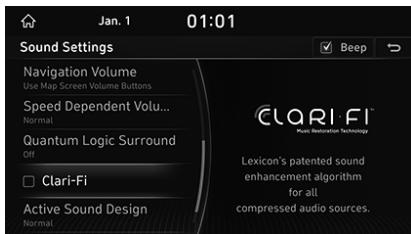
- [Audience]: Provides an intimate concert experience where the boundaries of the vehicle seemingly disappear.
- [On Stage]: A surround-sound experience that puts listeners onstage with their favorite artists, placing individual instruments and musical elements throughout the cabin.

# SOUND

## CLARI-FI (OPTION)

This menu is used to improve the lexicon's patented sound enhancement algorithm for all compressed audio sources.

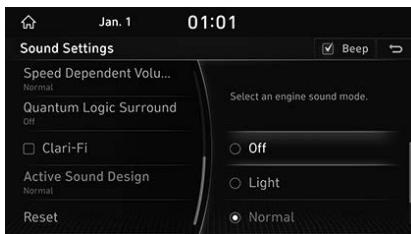
Press [HOME] button or [  ] > [Setup] > [Sound] > [Clari-Fi].



## ACTIVE SOUND DESIGN (OPTION)

This application is to produce engine sound through the audio system. Using the state-of-art ASD(Active Sound Design) technology passengers can enjoy realistic engine sound corresponding to driving conditions.

1. Press [HOME] button or [  ] > [Setup] > [Sound] > [Active Sound Design].

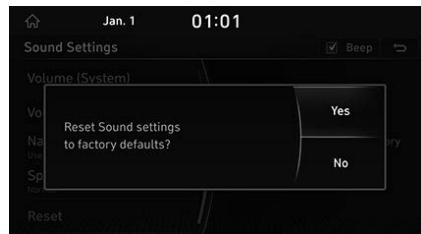


2. Press the desired item.

## RESET

This menu is used to reset all Sound settings.

1. Press [HOME] button or [  ] > [Setup] > [Sound] > [Reset].



2. Press [Yes].

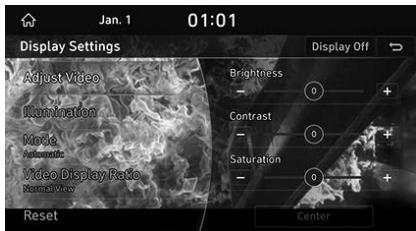
# DISPLAY

This menu is used to control the display brightness and image rate for the whole system.

## DISPLAY OFF

This menu is used to turn the screen off.

1. Press [HOME] button or  > [Setup] > [Display].

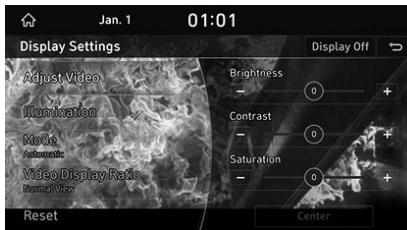


2. Press [Display Off].
3. Press the screen itself again to turn the screen on.

## ADJUST VIDEO

This menu can be set during video playback.

1. Press [HOME] button or  > [Setup] > [Display] > [Display] > [Adjust Video] during video playback.



2. Select the desired options.
  - [Brightness]: Adjusts the brightness.
  - [Contrast]: Adjusts the contrast.
  - [Saturation]: Adjusts the saturation.

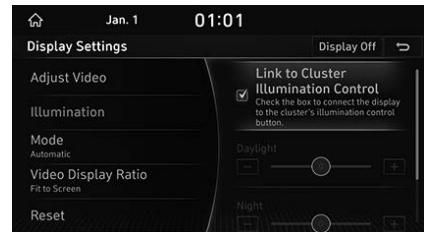
### ! NOTE

Press [Center] to reset [Adjust Video] settings.

## ILLUMINATION

This menu is used to set the brightness.

1. Press [HOME] button or  > [Setup] > [Display] > [Illumination].



2. Adjust the screen brightness.
  - [Link to Cluster Illumination Control]: Checks the box to connect the display to the cluster's illumination control button.
  - [Daylight]: Adjusts the daylight screen brightness.
  - [Night]: Adjusts the night screen brightness.

### ! NOTE

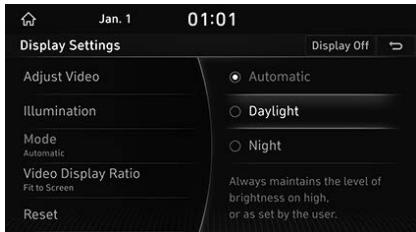
Press [Default] to reset the screen brightness.

# DISPLAY

## MODE

This menu is used to set the display brightness according to mode changes.

1. Press [HOME] button or  > [Setup] > [Display] > [Mode].



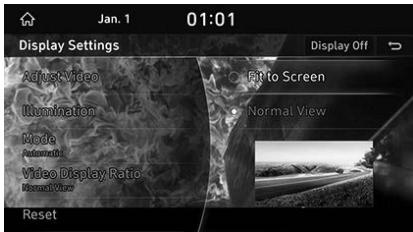
2. Select the desired options.

- [Automatic]: Adjusts the brightness automatically according to surrounding brightness.
- [Daylight]: Always maintains the brightness on high regardless of surrounding brightness.
- [Night]: Always maintains the brightness on low regardless of surrounding brightness.

## VIDEO DISPLAY RATIO

This menu can be set during video playback.

1. Press [HOME] button or  > [Setup] > [Display] > [Video Display Ratio] during video playback.



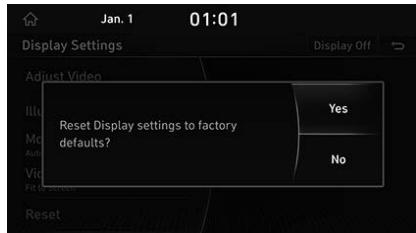
2. Select the desired option.

- [Fit to Screen]: Displays the full screen.
- [Normal View]: Displays the 4:3 screen with the black bar appeared at the left and right side.

## RESET

This menu is used to reset all Display settings.

1. Press [HOME] button or  > [Setup] > [Display] > [Reset].

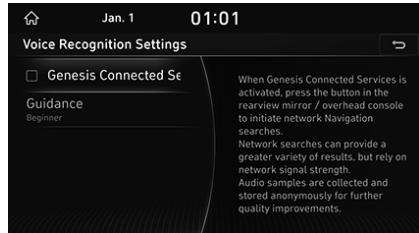


2. Press [Yes].

# VOICE RECOGNITION

This menu describes voice recognition settings.

1. Press [HOME] button or  > [Setup] > [Voice Recognition].



- [Use Genesis Connected Services Network]: When Genesis Connected Services is activated, press the button in the rearview mirror / overhead console to initiate network Navigation searches. Network searches can provide a greater variety of results, but rely on network signal strength. Audio samples are collected and stored anonymously for further quality improvements. (English Only)

2. Press [Guidance].



3. Select the desired item.

- [Beginner]: Detailed voice recognition guidance is provided.
- [Standard]: Voice Recognition guidance will provide brief prompts.
- [Expert]: No voice recognition guidance is provided. Only a beep will be played.

# SYSTEM INFORMATION CHECK AND UPDATE GUIDE

## SOFTWARE INFORMATION

This menu is used to view the system information.

Press [HOME] button or [ ] > [Setup] > [System Info] > [Software Information].



### ! NOTE

The system information may differ from the actual information of the vehicle.

## UPDATE

For system's software security, new function addition, and map update, you need an update.

1. Press [HOME] button or [ ] > [Setup] > [System Info] > [Software Information].



2. After inserting the USB with the update file, press [Update].

Once updating is complete, the system will automatically restart.

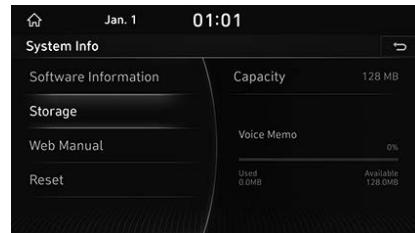
### ! NOTE

- This product requires regular updates for software corrections, new functions and map updates. Updating may require up to 1 hour depending on the data size.
- Turning off the power or ejecting the USB during the update process may result in data loss.

## STORAGE

This menu is used to display the capacity of the stored information on the voice memo.

Press [HOME] button or [ ] > [Setup] > [System Info] > [Storage].



# SYSTEM INFORMATION CHECK AND UPDATE GUIDE

## WEB MANUAL

This menu is used to view the Web Manual.

1. Press [HOME] button or  > [Setup] > [System Info] > [Web Manual].

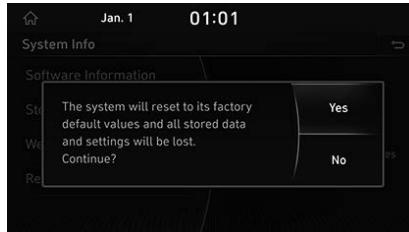


2. Scan the QR code of your mobile device. Keep display bright and avoid glare to scan correctly.

## RESET

This menu is used to reset all settings specified by the user.

1. Press [HOME] button or  > [Setup] > [System Info] > [Reset].



2. Press [Yes].

# PRECAUTIONS FOR SAFETY

## NOTATIONS USED WITHIN THIS USER'S MANUAL



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user about the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Always operate the vehicle in a safe manner. Do not become distracted by the vehicle while driving and always be fully aware of all driving conditions. Do not change settings or any functions. Pull over in a safe and legal manner before attempting such operations.

To promote safety, certain functions are disabled unless the parking brake is on.



To reduce the risk of electric shock, do not remove the cover or back of this product. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.



To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.



When driving your vehicle, be sure to keep the volume of the unit low enough to allow you to hear sounds coming from the outside.



Do not drop it and avoid heavy impacts at anytime.



The driver should not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.

# PRECAUTIONS FOR SAFETY

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## WARNING:

- Don't use a cellular phone when you are driving. You must stop at a safe place to use a cellular phone.
- The use of the navigation radio by no means relieves the driver of his/her responsibilities. The highway code must always be observed. Always observe the current traffic situation.
- The applicable traffic regulations and the prevailing traffic situation always take precedence over the instructions issued by the navigation system if they contradict one another.
- For traffic safety reasons, use the navigation system menus only before starting a journey or when the vehicle is stationary.
- In certain areas, one-way streets and turn off and entry prohibitions (e.g. pedestrian zones) are not recorded. In areas such as these the navigation system will issue a warning. Pay particular attention to one-way streets and turn off and entry restrictions.

- The navigation system does not take the relative safety of the suggested routes into consideration. Road blocks, building sites, height or weight restrictions, traffic or weather conditions or other influences which affect the route safety or travel time are not taken into consideration for the suggested routes. Use your own discretion in order to decide on the suitability of the suggested routes.
- The current legal road traffic speed limit always takes priority over the values saved on the data. It is impossible to provide an assurance that the speed values of the navigation system will always match those of the current traffic regulations in every situation.
- Always observe the applicable legal speed limits the traffic regulations. The vehicle speedometer must always be given priority for display of the vehicle speed.
- Do not rely exclusively on the navigation system when attempting to locate an emergency service (hospital, fire service etc.). It cannot be guaranteed that all available emergency services in your vicinity are saved in the database. Use your own discretion and abilities to secure help in such situations.

## CAUTION:

- 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.
- 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 disassemble or modify this system. If you do, it may result in accidents, fire, or electrical shock.
- Some states/provinces may have laws limiting the use of video screens while driving. Use the system only where it is legal to do so.
- Do not use your phone in private mode when you are driving. You must stop at a safe location to use it.

# PRECAUTIONS FOR SAFETY

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## FCC NOTICE (FOR USA)

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 or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to 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.

### **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. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## FCC RF RADIATION EXPOSURE STATEMENT

[For having wireless function]

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the radiator and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

## INDUSTRY CANADA STATEMENT

[For having wireless function]

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference,
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

## IC RADIATION EXPOSURE STATEMENT (FOR CANADA)

[For having wireless function]

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna & your body.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

# GENERAL INFORMATION

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## CAUTIONS FOR THE USE OF USB

Please use it by installing a USB device after starting an engine. If the engine is started with a USB device installed, a USB device can be damaged.

If it is not a standard format file, it is not played.

- MP3/WMA file only supports a music file with a compression level of 8 Kbps to 320 Kbps.
- Be careful of static electricity when connecting and disconnecting a USB external device.
- If encrypted MP3 player is connected to an external USB device, it is not recognized.
- When connecting a USB external device, it may not be recognized depending on the condition of a USB external device.
- It supports FAT16, FAT32, exFAT and NTFS.
- Some USB devices may not be supported due to compatibility issue.
- Please do not allow human body or object to touch the USB connection.
- Connecting and disconnecting a USB device for a short time repeatedly can cause its failure.

- Please connect and disconnect a USB external device only with the audio power turned off.
- The recognition time can vary depending on the type, capacity and format of a stored file but it is not a product failure.
- When using separate devices like USB HUB and extension cables, the USB may not be recognized. So, please use it by directly connecting to a multimedia port of a car.
- When uploading an application program in a specific USB, the file may not be played.
- When the USB device, that is not recognized as removable discs like MP3 Player, mobile phone and digital camera, was connected, it may not be operated properly.
- The charge through USB may not be supported in case of some mobile devices.
- No operation may be guaranteed except standard product (Metal Cover Type) USB memory.
- The operation of HDD Type, CF and SD memory is not guaranteed.
- The file that applied DRM (Digital Rights Management) is not played.

- The USB memory stick (SD Type or CF Type) used by being inserted into an adapter may not be recognized.

## PLAYABLE FILE STANDARD

### PLAYABLE AUDIO FILE STANDARD (USB)

- Playable file format: ".mp3", ".wma", ".mka", ".wav", ".flac", ".m4a", ".ape", ".tta", ".aiff"
- Playable Codec format: "MPEG-1 layer I, II, III", "AC-3", "AAC", "WMA", "PCM (WAV only)", "ADPCM (WAV only)", "FLAC", "ALAC", "APE", "TTA", "AIFF"
- Sampling frequency: 8 - 48 KHz (MP3), 22.5 - 48 KHz (WMA), 8 - 48KHz (PCM/WAV), 8 - 44KHz (ADPCM/WAV), 8 - 48 KHz (AC-3), 8 - 48 KHz (AAC)
- Bit rate: 8 - 320 Kbps (MP3), 20 - 320 Kbps (WMA), 8 - 12.3 Mbps (PCM/WAV), 8 - 352.8 Kbps (ADPCM/WAV), 8 - 320 Kbps (AC-3), 8 - 320 Kbps (AAC), 8 - 4.6 Mbps (FLAC, ALAC, APE, TTA, AIFF)

# GENERAL INFORMATION

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## PLAYABLE VIDEO FILE STANDARD

- Playable file format: ".avi", ".mpg", ".mpeg", ".divx", ".mp4", ".asf", ".wmv", ".mkv"
- Playable Codec format: "MPEG-1", "MPEG-2 simple profile - main level", "MPEG-2 main profile - low,main,high level", "VC-1", "AVC", "H.263 profile 0 ~ profile2", "MPEG4 v2, v3", "DIVX 3.11, 4, 5, 6", "Xvid"
- Playable resolution and frame rate: (MPEG-1) within 1280 x 720 30fps, 720 x 480p 30fps/720 x 576p 25fps (H.263), 720 x 480p 30fps/720 x 576p 25fps (Divx 3.11), 1920 x 1038 30fps (Divx 4, 5, 6), 1920 x 1080 30fps (other supported Codec format)

## PLAYABLE SUBTITLE STANDARD

- Playable file format: ".smi", ".srt"
- Playable subtitle language: Korean, English, Japanese, Chinese
- When the file name of image and subtitles is different, subtitles may not be displayed.

## DIVX FILE STANDARD

- The file name of DivX subtitle can be typed up to 45 letters in English and 22 letters in Korean alphabet.
- The code that cannot be shown is displayed as "\_".
- When DivX file format does not match the main body, it may not be played normally.

## USING IPOD® DEVICES

### PRECAUTIONS UPON USING IPOD®

- Some iPods with unsupported communication protocols may not properly operate with the system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual.)
- During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/iPhone product.) will charge the iPod through the system.
- The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- Use iPod with complete synchronization to iTunes. Unauthorized song addition/deletion may cause abnormal operation.

# GENERAL INFORMATION

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- If iPod and Bluetooth are connected simultaneously with the same iPhone, you cannot use Bluetooth audio function.
- If iPod touch or iPhone is used, iOS 10.3.2 or greater is recommended.

## SUPPORTED IPOD® DEVICES

- iPhone 7 Plus, iPhone 7, iPhone SE
- iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6
- iPhone 5s, iPhone 5c, iPhone 5
- iPhone 4s
- iPad Pro (12.9-inch) 1st Generation, iPad Pro (9.7-inch)
- iPad mini 4, iPad mini 3, iPad mini 2, iPad mini
- iPad Air 2, iPad Air
- iPad (4th generation), iPad (3rd generation), iPad 2
- iPod touch (6th generation), iPod touch (5th generation)
- iPod nano (7th generation)

# BEFORE THINKING THE PRODUCT HAS MALFUNCTIONED

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**The current position as shown on the navigation may differ from the actual position under the following conditions. The following occurrences are not malfunctions:**

- When driving on Y-shaped roads with narrow angles the current position may be displayed in the opposite direction.
- Within city streets, the current position may be displayed on the opposite side or on an off-road position.
- When changing the zoom level from maximum to a different level, the current position may become displayed on a different road.
- If the vehicle is loaded onto a ferry or a car transport vehicle, the current position may become stalled on the last position prior to loading.
- When driving on a spiral-shaped road.
- When driving in mountain regions with sharp turns or sudden brakes.
- When entering a road after passing an underground parking structure, building parking structure, or roads with many rotations.

- When driving in heavy traffic with frequent starts and stops.
- When driving under slippery conditions, such as heavy sand, snow, etc.
- When the tires have recently been replaced. (Especially upon use of spare or studless tires)
- When using tires of improper size.
- When the tire pressure for the 4 tires are different.
- When the replacement tire is worn or used. (Especially studless tires having passed a second season)
- When driving near high-rise buildings.
- When a roof carrier has been installed.
- When a long distance route is calculated while driving on an expressway, in such cases, continued driving will automatically enable the system to conduct map matching or use updated GPS information to provide the current position. (In such cases, up to several minutes may be required.)

**Correct route guidance may not occur due to search conditions or driving position. The following occurrences are not malfunctions:**

- Guidance to go straight may be given while driving on a straight road.
- Guidance may not be given even when having turned at an intersection.
- There are certain intersections in which guidance may not occur.
- A route guidance signaling for a u-turn may occur in some No u-turn intersections.
- Route guidance signaling entrance into a No-entry zone may occur. (No-entry zone, road under construction, etc.)
- Guidance may be given to a position that is not the actual destination if roads to reach the actual destination do not exist or are too narrow.
- Faulty voice guidance may be given if the vehicle breaks away from the designated route. (e.g. if a turn is made at an intersection while the navigation provided guidance to go straight.)

# BEFORE THINKING THE PRODUCT HAS MALFUNCTIONED

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**These situations may occur after conducting route calculation. The following occurrences are not malfunctions:**

- Guidance may be given to a position differing from the current position when turning at an intersection.
- When driving in high speeds, route recalculation may take a longer period of time.
- Route guidance signaling for a u-turn may occur in some No u-turn intersections.
- Route guidance signaling entrance into No-entry zone may occur. (No-entry zone, road under construction, etc.)
- Guidance may be given to a position removed from the actual destination if roads to reach the actual destination do not exist or are too narrow.
- Faulty voice guidance may be given if the vehicle breaks away from the designated route .(e.g. If a turn is made at an intersection while the navigation provided guidance to go straight.)

# BEFORE THINKING THE PRODUCT HAS MALFUNCTIONED

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1. Errors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.
2. If you are having problems with the device, try the suggestions listed below.
3. If the problems persist, contact your dealer.

## **Problem: There are small red, blue, or green dots on the screen**

Possible Cause : Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels.

## **Problem: The sound or image is not working**

Possible Cause :

- Has the Switch for the vehicle been turned to [ACC] or [ON]?
- Has the SYSTEM been turned OFF?

## **Problem: The screen is being displayed but sound is not working**

Possible Cause :

- Has the volume been set to a low level?
- Has the volume been muted?

## **Problem: When the power is turned on, the corners of the screen are dark**

Possible Cause :

- The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction.
- If the screen is very dark, contact your nearest dealer for assistance.

## **Problem: Sound is working from only one speaker**

Possible Cause : Are the positions of Fader or Balance sound controls adjusted to only one side?

# BEFORE THINKING THE PRODUCT HAS MALFUNCTIONED

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## **Problem: The external device is not working**

Possible Cause : Is the external device connected with a standard connector cable?

## **Problem: When turning power on, the most recent mode screen is not displayed**

Possible Cause :

Within modes that play files by reading external sources, such as discs, USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load.

- If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate.
- If the previous mode still cannot be properly played, the mode operated prior to that will operate.

# TROUBLESHOOTING

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## **Problem: The power does not turn on.**

- Possible Cause : The fuse is disconnected.
- Countermeasure:
  - Replace with a suitable fuse.
  - If the fuse is disconnected again, please contact your dealer.
- Possible Cause : Device is not properly connected.
- Countermeasure: Check to see that the device has been properly connected.

## **Problem: The system does not play.**

- Possible Cause : The vehicle battery is low.
- Countermeasure: Charge the battery if the problem persists, contact your point of purchase or service center.

## **Problem: The image color/tone quality is low.**

- Possible Cause : The brightness, saturation, and contrast levels are not set properly.
- Countermeasure: Properly adjust the brightness, saturation, and contrast levels through Display Setup.

## **Problem: Sound does not work.**

- Possible Cause : The volume level is set to the lowest level.
- Countermeasure: Adjust the volume level.
- Possible Cause : The connection is not proper.
- Countermeasure: Check to see that the device has been properly connected.
- Possible Cause : The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.
- Countermeasure: The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.

# TROUBLESHOOTING

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## **Problem: The sound or image quality is low.**

- Possible Cause : Vibration is occurring from where the conversion switch has been installed.
- Countermeasure: The sound may be short circuited and the image distorted if the device vibrates,

## **Problem: The USB does not work**

- Possible Cause : USB memory is damaged.
- Countermeasure: Please use after formatting the USB into FAT 16/32, exFAT, NTFS format,
- Possible Cause : USB memory has been contaminated.
- Countermeasure: Remove any foreign substances on the contact surface of the USB memory and multimedia terminal.
- Possible Cause : A separately purchased USB HUB is being used.
- Countermeasure: Directly connect the USB memory with the multimedia terminal on the vehicle.
- Possible Cause : A USB extension cable is being used.
- Countermeasure: Directly connect the USB memory with the multimedia terminal on the vehicle.
- Possible Cause : A USB which is not a Metal Cover Type USB Memory is being used.
- Countermeasure: Use standard USB Memory.
- Possible Cause : An HDD type, CF, SD Memory is being used.
- Countermeasure: Use standard USB Memory.
- Possible Cause : There are no music files which can be played.
- Countermeasure: Only MP3, WMA file formats are supported. Please use only the supported music file formats.

# TROUBLESHOOTING

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## **Problem: The iPod is not recognized even though it has been connected**

- Possible Cause : There are no titles which can be played.
- Countermeasure: Use iTunes to download and save MP3 files into the iPod.
- Possible Cause : The iPod firmware version has not been properly updated.
- Countermeasure: Use iTunes to update the firmware version and reconnect the iPod with the device.
- Possible Cause : The iPod device does not recognize downloads.
- Countermeasure: Reset the iPod and reconnect with the device.

# TRADEMARKS AND LICENSES

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# TRADEMARKS AND LICENSES

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**Uploads.** The Product may provide functionality through which you are able to upload certain information about your use of the Product

# TRADEMARKS AND LICENSES

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# TRADEMARKS AND LICENSES

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# TRADEMARKS AND LICENSES

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## ABOUT MAP UPDATES

You can contact your KIA dealer or Call HYUNDAI MNSOFT at 1-888-757-0010.

### Information

This product requires regular updates for new functions and map updates. Updating may require up to 1 hour depending on the data size.

Turning off the power or ejecting the USB during the update process may result in damage to the system. Make sure to keep the ignition on and wait until updating is complete.

### CAUTION

- The use of an uncertified USB may result in damage to the system due to heat related deformation.
- Product malfunctions caused by the use of an uncertified card shall not be covered within the product warranty.
- Repeatedly connecting/disconnecting the USB in a short period of time may cause damage to the device.

# SPECIFICATION

## AV/NAVIGATION PRODUCT SPECIFICATION

Common	Power Supply	DC 14.4 V (Battery)
	Operating Power	DC 9 V ~ DC 16 V
	Current Consumption	Maximum6 A (Head unit + Front screen included)
	Dark Current	Dark current within 168h: Max 10 mA (After ACC is off, average current for 168 hours) Dark current after 168h: Max 1 mA (After ACC is off and after 168 hours)
	Operating Temperature	-20 °C ~ +70 °C
	Storage Temperature	-40 °C ~ +85 °C
	Dimensions (Head unit)	274 (W) x 127 (H) x 237 (D) mm
	Weight (Head unit)	1.65 kg
	Name of equipment (model name)	Car Navigation System (IAN1DX0TND9)

Bluetooth	Supported Profile	HFP(1.7), A2DP (1.3), AVRCP (1.6)
	Supported Bluetooth Specification	4.2
	Frequency Range	2402 MHz ~ 2480 MHz
	Output power (Class2)	1.0 dBm
	Number of Channels	79
Radio	AM	
	Tuning range	530 KHz ~ 1710 KHz (Guam 531 ~ 1701 KHz)
	Sensitivity	35 dBuV
	Frequency response	30 Hz ~ 10000 Hz
	Signal-to-noise ratio	Minimum 45 dB
	FM	
	Tuning range	87.5 MHz ~ 107.9 MHz
TFT-LCD (12.3")	Sensitivity	10 dBuV
	Frequency response	30 Hz ~ 10000 Hz
	Signal-to-noise ratio	Minimum 50 dB
	Screen Size	233.95 mm (9.2 inches) 204 (W) X 114.72 (H) mm (Active area standard)
	Resolution	921,600 pixel
TFT-LCD (12.3")	Operating Method	TFT, In Plane Switching (IPS), Active Matrix
	Viewing Angle	89/89/89/89 (L,R,U,D)
	Internal Lighting	LED

# SPECIFICATION

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<b>SiriusXM™</b>	Frequency	2337.490 MHz ~ 2340.020 MHz
	Sensitivity	-80 dBm
	T.H.D	Maximum 0.2 %

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- Designs and specifications are subject to change without prior notice.

## CONNECTED SERVICES TERMINAL PRODUCT SPECIFICATION

<b>Common</b>	Power Supply	DC 14.4 V (Battery)
	Operating Power	DC 9 V ~ DC 16V
	Current Consumption	Max 2.5 A
	Dark current	Dark current within 168h: Max 10 mA (After ACC is off, average current for 168 hours) Dark current after 168h: Max 1 mA (After ACC is off and after 168 hours)
	Operating Temperature	-20 °C ~ +70 °C
	Storage Temperature	-40 °C ~ +85 °C
	External dimension	93 (W) x 8 (H) x 39 (D) mm
	Weight	40 g
	Name of equipment (model name)	Car Navigation System (IAN1DX0TND9)

# SPECIFICATION

WCDMA	Frequency	From Tx : 1852 to 1908MHz (B2) and from 826MHz to 847MHz(B5) From Rx : 1932 to 1988MHz (B2), and from 871MHz to 892MHz(B5)	IC certification	IC Identifier	2703H-RBHPB213A
	Receiving sensitivity	Less than -106 dBm (conducted)		Model name	IAN1DX0TND9
	Transmission output	Power Class3(B2,B5) from 20,3 to 25,7dBm		Certification number	2703H-GEN21CA
LTE	Frequency	From Tx : 1850 to 1910 MHz (B2), from 1710MHz to 1755MHz(B4), from 824 to 849 MHz (B5), from 704 to 716 MHz (B17) From Rx : 1930 to 1990 MHz (B2), from 2110MHz to 2155MHz(B4), from 869 to 894 MHz (B5), from 734 to 746 MHz (B17)	IC certification	Name of the person certified	LG Electronics
	Receiving sensitivity	Less than -95 dBm @10M (B2) and less than -94 dBm @20M (B4) Less than -95 dBm @10M (B5) and less than -94 dBm @10M (B17) (Throughput $\geq$ 95%)			
	Transmission output	From Power Class3 (B2,B4,B5,B17) 20,3 to 25,7dBm			





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