GENESIS G90

Thank you for purchasing this Gen5 Premium Class Navigation.

This user's manual explains how to use the Gen5 Premium Class 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.

here
Maps for Life

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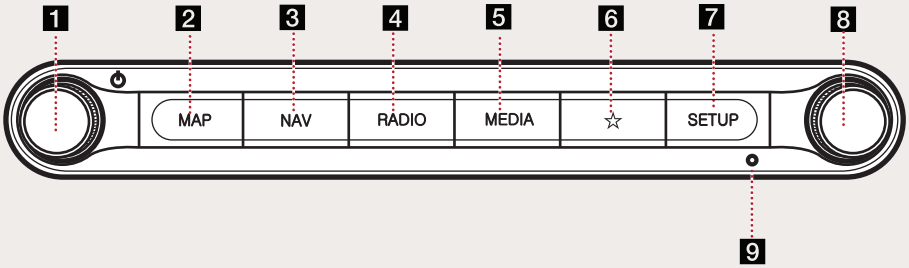
START

NAME OF EACH COMPONENT

HEAD UNIT

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



1 Power (⏻) 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

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.

4 RADIO button

Selects the FM/AM/SiriusXM band. Each time the button is pressed, the mode is changed in order to FM > AM > SiriusXM > FM. Press to display the [Radio] screen.

5 MEDIA button

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

6 ☆ (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.

7 SETUP button

Press to move to the [Settings] menu.

8 TUNE/FILE knob

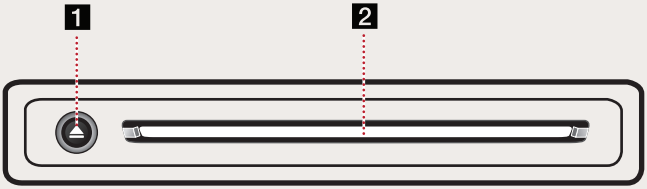
- FM/AM: Turn to change the frequency.
- SiriusXM mode: Turn to change the channel.
- Media mode (except for Bluetooth): Turn to search for the desired file.

9 RESET hole

Press to reset the unit.

DISC DECK

Disc deck is an option for the customers who selected the option.
The image of this product may be different from the actual product.



1 ⏏ **button**

Press to eject disc.

2 **Disc slot**

Insert a disc into the disc slot.

CCP (CENTRAL CONTROLLER PANEL)

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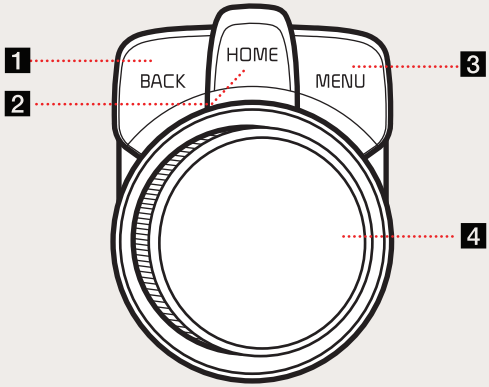


1 BACK button

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

2 HOME button

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

3 MENU button

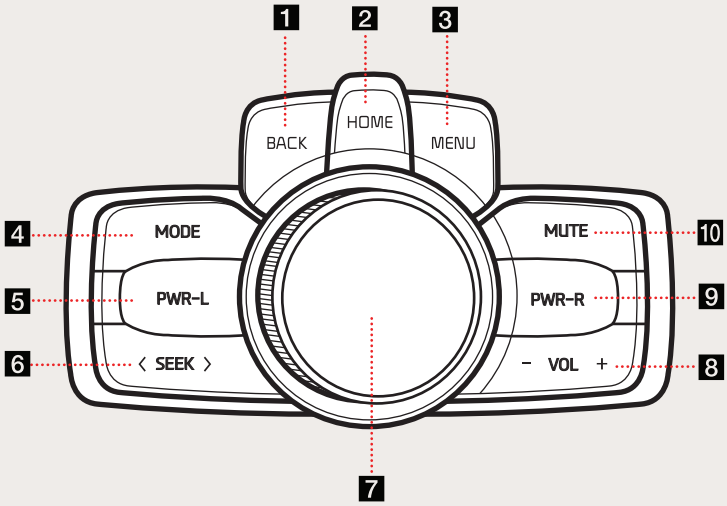
- Press to move to the pop-up menu in each mode.
- Press and hold to set the split screen.

4 Controller

Tap or rotate to navigate through the menu screens.

RRC (REAR REMOTE CONTROL) - OPTION A

The RRC (Rear Remote Control) function keys differ depending on the selected option. Option A is an operation key that is used with a rear seat monitor (optional). The image of this product may be different from the actual product.



1 BACK button

Press to move to the previous screen.

2 HOME button

Press to move to the [HOME] menu screen.

3 MENU button

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

4 MODE button

- Each time this button is pressed, the mode is changed.
- If the media is not connected, corresponding modes will be disabled.

5 PWR-L button

- Press to turn the left monitor for rear seat on/off.
- Press and hold this button to turn AV on or off.

6 < SEEK > button

When it is pressed shortly;

- FM/AM mode: plays previous/next frequency.
- SiriusXM mode: plays previous/next channel.
- Media mode: plays previous/next file.

When it is pressed and held;

- FM/AM: changes the frequency until the button is released.
- SiriusXM mode: changes the channel until the button is released.
- Media mode: rewinds or fast forwards the file.

7 Controller

Tap or rotate to navigate through the menu screens.

8 - VOL + button

Increase or decrease the volume level.

9 PWR-R button

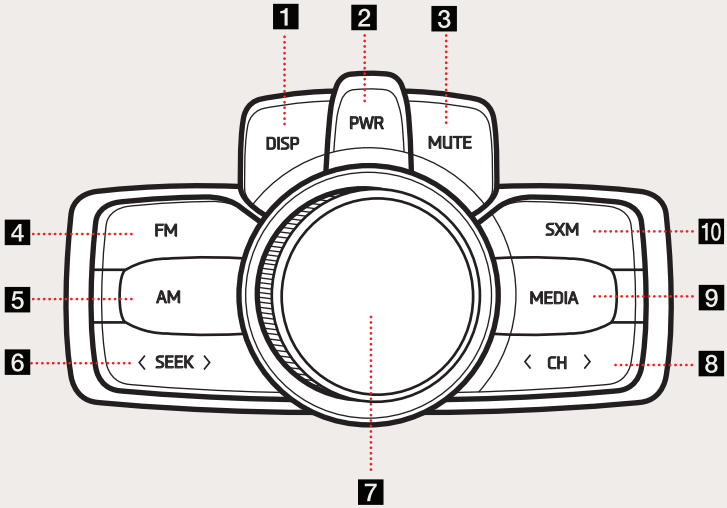
- Press to turn the right monitor for rear seat on/off.
- Press and hold this button to turn AV on or off.

10 MUTE button

Press to mute the sound.

RRC (REAR REMOTE CONTROL) - OPTION B

The RRC (Rear Remote Control) function keys differ depending on the selected option. The image of this product may be different from the actual product.



1 DISP button

Press to turn the screen on or off .

2 POWER 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.

3 MUTE button

Press to mute the sound.

4 FM button

Press to select the FM band.

5 AM button

Press to select the AM band.

6 < SEEK > button

When it is pressed shortly;

- FM/AM mode: plays previous/next frequency.
- SiriusXM mode: plays previous/next channel.
- Media mode: plays previous/next file.

When it is pressed and held;

- FM/AM mode: changes the frequency until the button is released.
- SiriusXM mode: changes the channel until the button is released.
- Media mode: rewinds or fast forwards the file.

7 Volume

Turn left/right to control volume.

8 < CH > button

- FM/AM/SiriusXM: Press to select the FM/AM/SiriusXM favorites.
- Media mode: Selects or searches the previous/next item in each mode.

9 MEDIA button

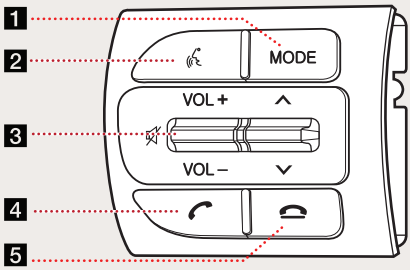
Press to select the media mode.

10 SXM button

Press to select the SXM band.

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.
- 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.

∨ / ∧ button

When it is pressed shortly;

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

4 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, displays last called number.
  - When pressed on the incoming call screen, answers the call.

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 on the Bluetooth Hands-Free wait mode, redials the last call.
  - 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-Free. (Operates only when Bluetooth Hands-Free is connected.)

5 button

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

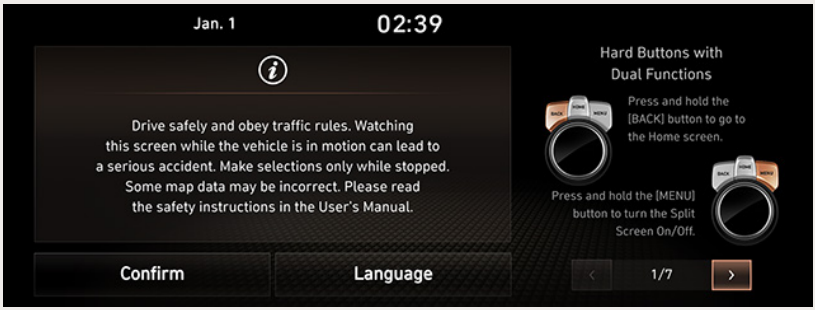
BASIC OPERATION

SYSTEM ON/OFF

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

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].

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 [⏻] on the head unit.

To turn the system on again, press [⏻] 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.

AV ON/OFF OR VOLUME ADJUSTMENT

AV OFF

Press [⏻] on the head unit when the AV is ON.

AV ON

Press [⏻] on the head unit when the AV is OFF.

ADJUSTING THE VOLUME

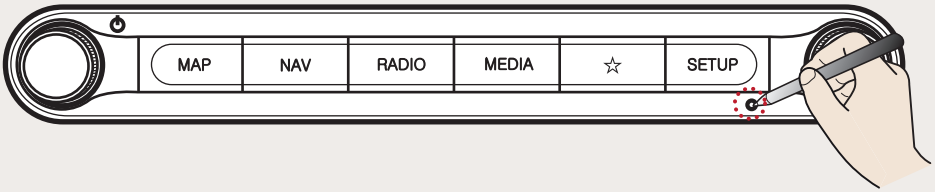
Rotate the volume control knob on the head unit.

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.

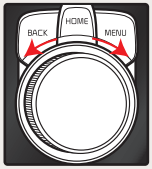
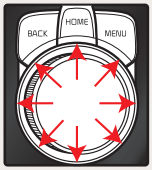
RESETTING THE SYSTEM

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 controller 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

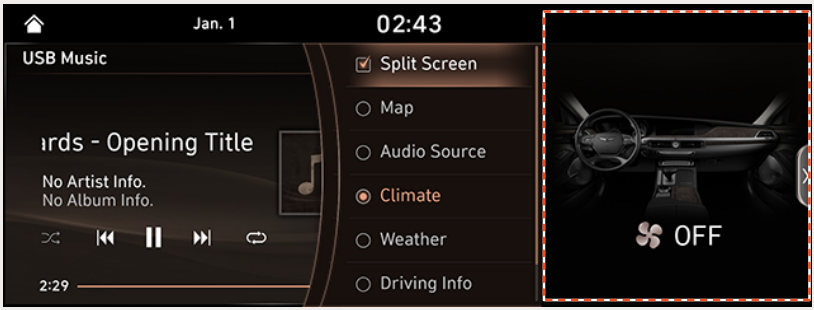
If you touch the screen while driving, the attention may be scattered and cause a traffic accident. For safety, please use after stopping.

GENERAL OPERATION OF THE MENU IN AVAILABLE MODE

SPLIT SCREEN

This feature is used to set the item to be displayed in the split screen on the right side of the screen by setting a checkmark the [Split screen] menu.

1. Press [Split screen] on the pop-up menu of available mode.

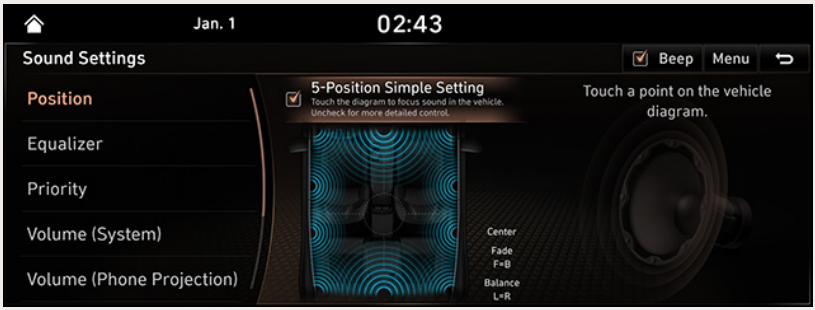


2. Select the desired item.
   - [Split screen]: Selects or cancels the split screen.
   - [Map]: Displays the map screen.
   - [Audio source]: Displays the currently playing media information.
   - [Climate]: Displays the Climate information.
   - [Weather]: Displays the Weather information.
   - [Driving info]: Displays driving information.
   - [Compass]: Displays the compass.

SOUND SETTINGS

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

1. Press [Sound settings] on the pop-up menu of available mode.



2. For more details, refer to the "Sound" part.

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 of available mode.

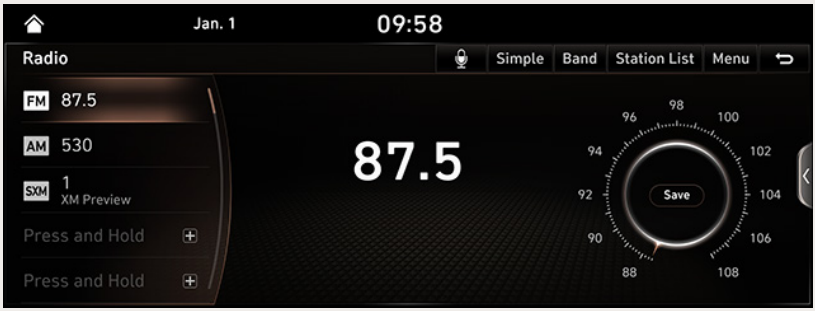
2. For more details, refer to the "Display" part.

SWITCHING TO SIMPLE VIEW OR NORMAL VIEW

1. Press [Simple] on each mode screen. Or press [Menu] > [Simple view].
   The simple view screen appears.

<For example: Radio screen>

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

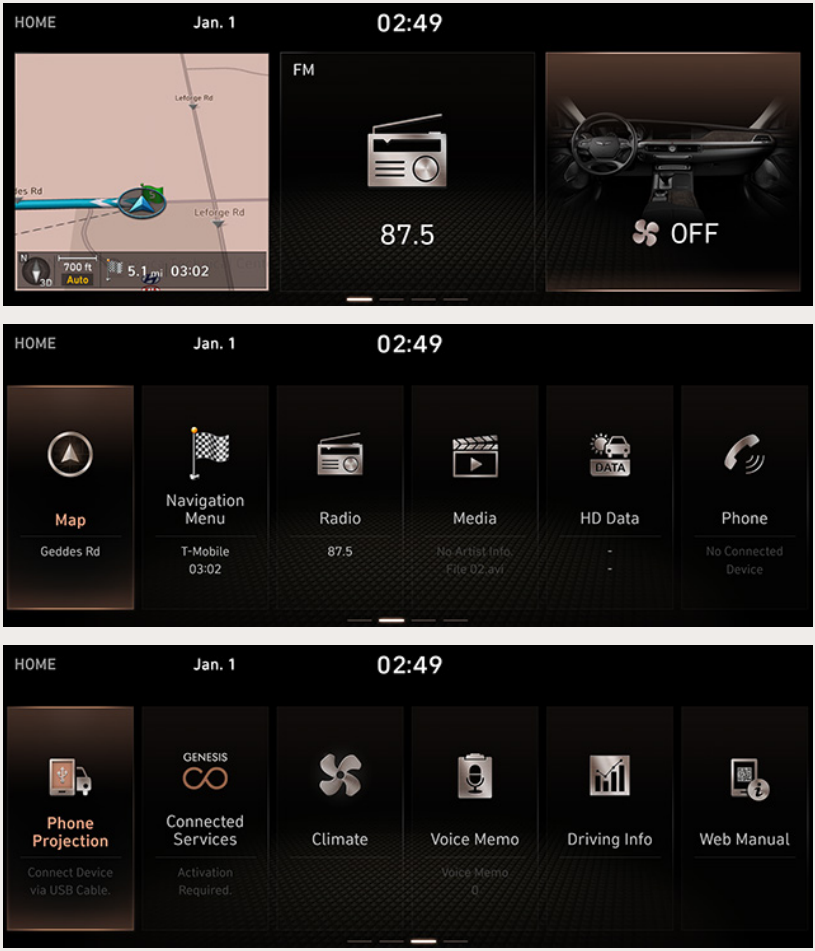


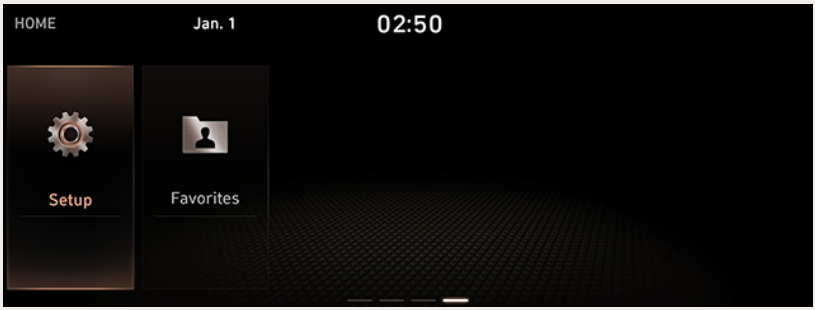
<For example: Radio screen>

HOME SCREEN

BASIC OPERATION OF HOME SCREEN

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



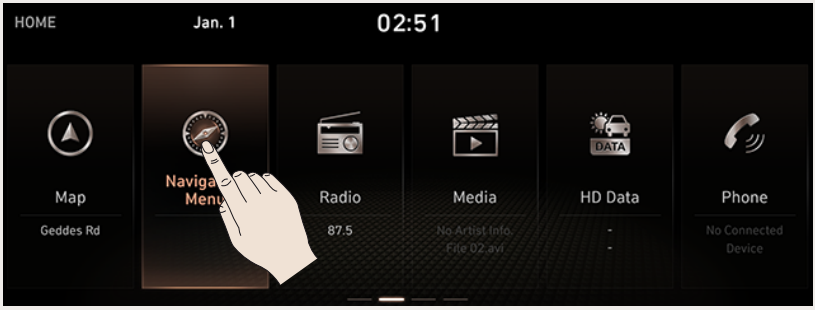


2. Press the desired menu on the HOME screen
3. Subsequent operations will be performed according to the desired menu selection.

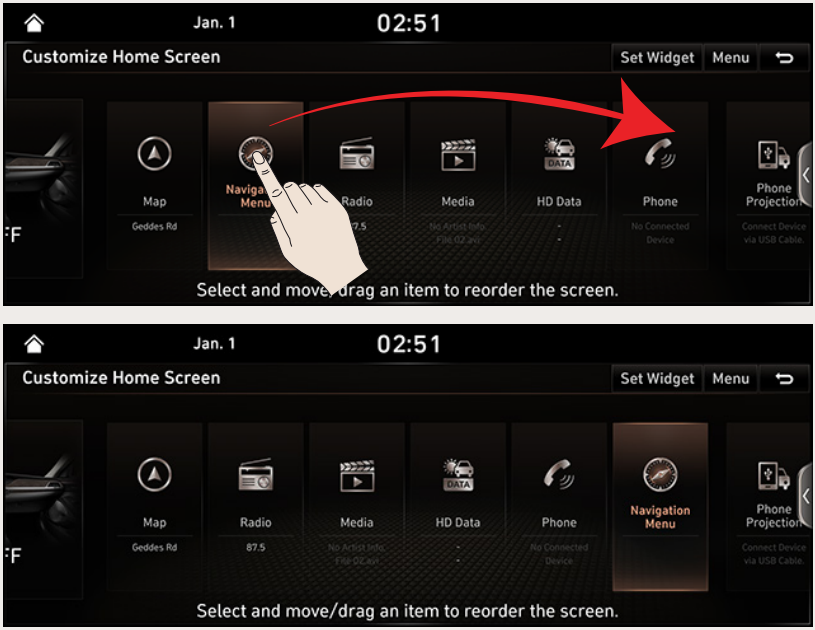
CUSTOMIZING HOME SCREEN

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 and item to rearrange the screen.



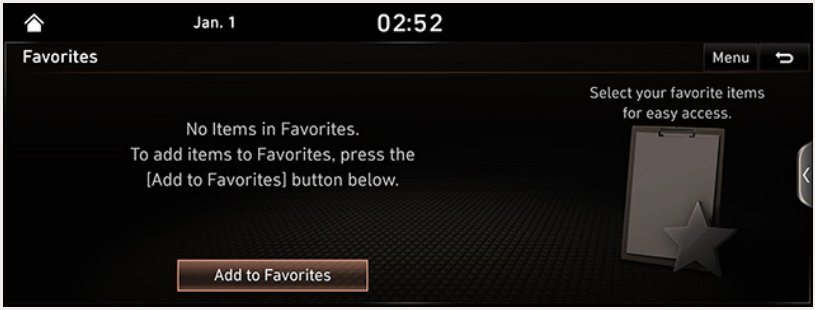
3. Press [HOME] or [ ].

FAVORITES

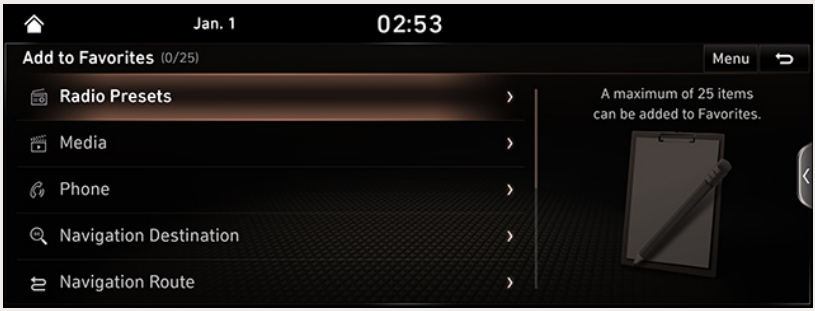
ADDING YOUR FAVORITE MENU ITEMS TO [FAVORITES] MENU

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

1. Press [HOME] 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.
   - [Mark all]: Selects all items.
   - [Unmark all]: Unmarks all items.
   - [Cancel]: Exits favorites screen.
5. Press [Add].

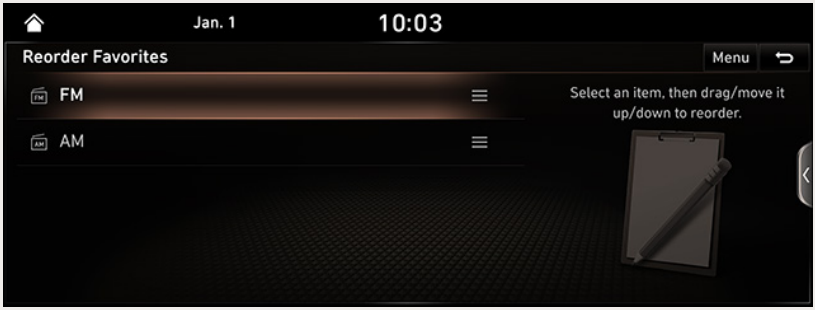
NOTE

- 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.

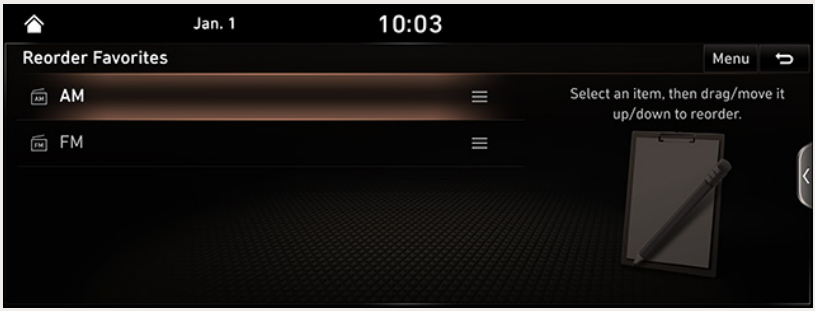
REARRANGING YOUR FAVORITE MENU

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

2. Press [Menu] > [Reorder].



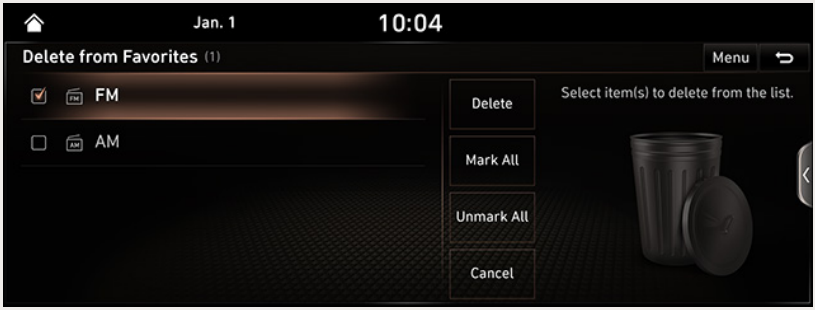
3. Press and hold an item, then move it up/down to rearrange.



DELETING YOUR FAVORITE MENU

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

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.

NAVIGATION

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

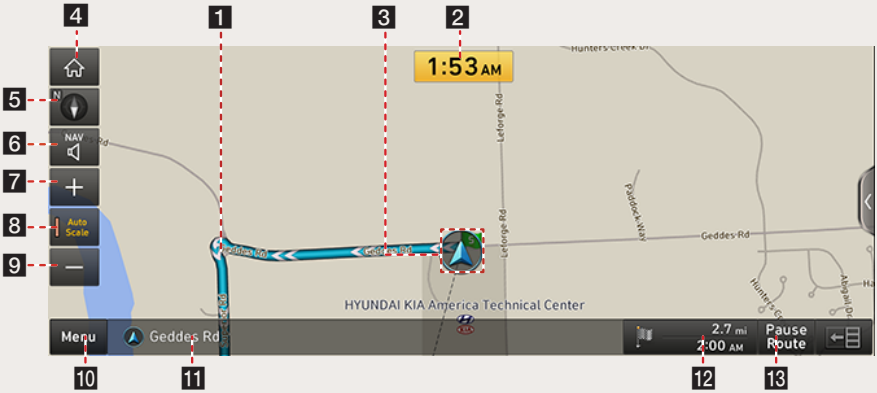
Your unit must acquire satellite signals to operate. If you are indoors, near tall buildings or trees, or in a parking garage, the unit cannot acquire satellite signal.

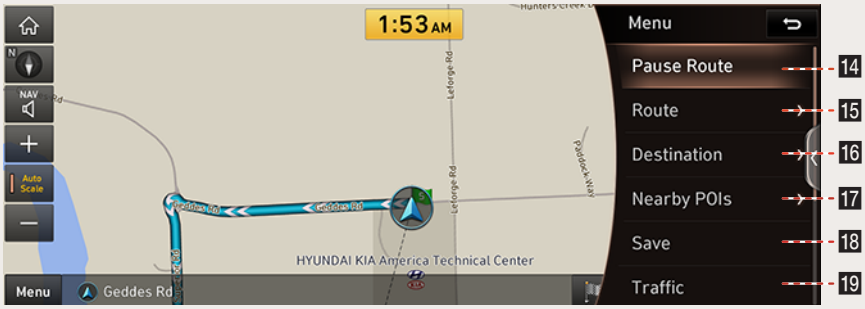
ACQUIRING SATELLITE SIGNALS

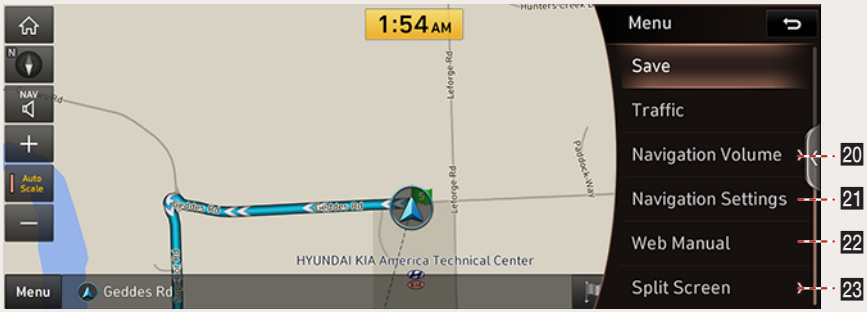
Before the unit can determine your current position and navigate a route, you must do the following steps:

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


1:53 AM
HYUNDAI KIA America Technical Center
Menu
Geddes Rd
2.7 mi
2:00 AM
Pause Route
Auto Scale
NAV


1:53 AM
Menu
Pause Route
Route
Destination
Nearby POIs
Save
Traffic
HYUNDAI KIA America Technical Center
Menu
Geddes Rd
Auto Scale
NAV


1:54 AM
Menu
Save
Traffic
Navigation Volume
Navigation Settings
Web Manual
Split Screen
HYUNDAI KIA America Technical Center
Menu
Geddes Rd
Auto Scale
NAV

1 Route guidance lane

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

2 Clock display

Displays current time.

3 Vehicle position mark

Displays current vehicle position and direction.

4 button

Press [] to move 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 button

Zoom in the map. Press [] repeatedly.

8 Map scale display

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

9 button

Zoom out the map. Press [] repeatedly.

10 [Menu] button

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.

13 [Pause Route] button

Pauses the route guidance to the destination or waypoint.

14 [Pause Route] button

Pauses the route guidance to the destination or waypoint.

15 [Route] button

Changes the route conditions when a route is set.

16 [Destination] button

Moves to [Destination] menu.

17 [Nearby POIs] button

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

18 [Save] button

Adds frequently used address to [Address Book] menu.

19 [Traffic] button

Displays the traffic information.

20 [Navigation Volume] button

Adjusts the navigation volume.

21 [Navigation Settings] button

Moves to [Navigation Settings] menu.

22 [Web Manual] button

Displays the QR code for the manual of corresponding function.

23 [Split Screen] button

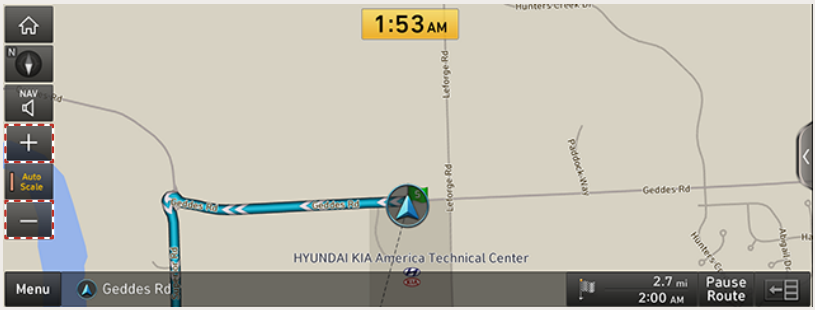
Sets the item to be displayed on the split screen on the right side of the screen.

OPERATING NAVIGATION

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.



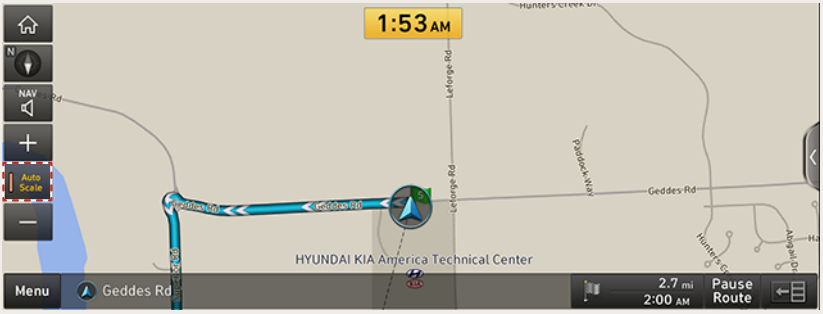
NOTE

- Press [+] or [−] for over 1 second. The zoom will continuously change.
- If the zoom range limit is reached, the [+] /[−] button 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.

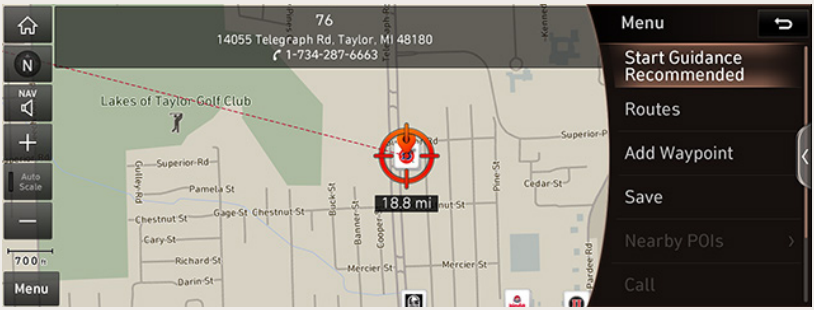


Name	Description
Auto Scale Scale Fix (inactive - "Auto")	Fixes the displayed scale.
Auto Scale Auto Scale (active - "Auto")	Changes the map scale automatically depending on the road class and guidance distance.

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.

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



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

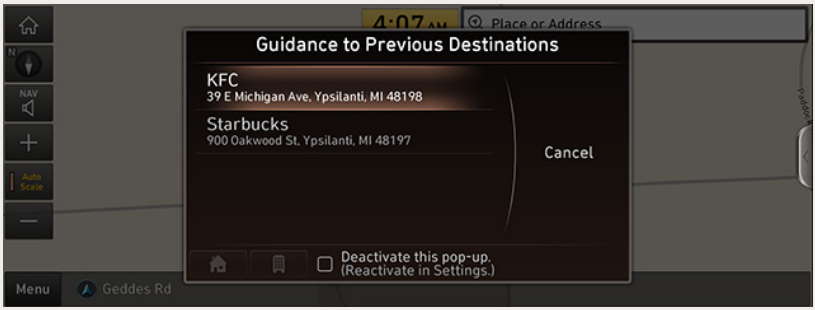
NOTE

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.

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.

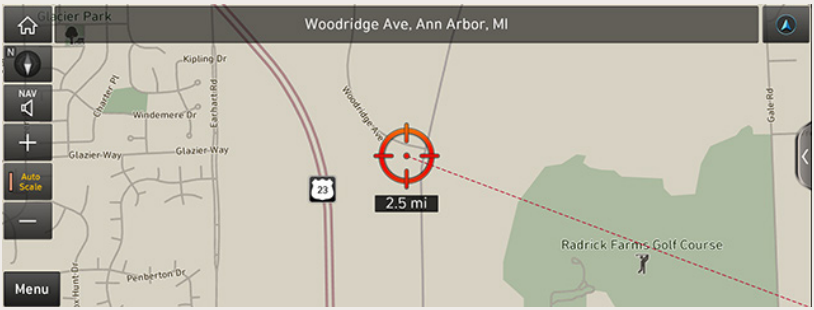


NOTE

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

SCROLLING MAP

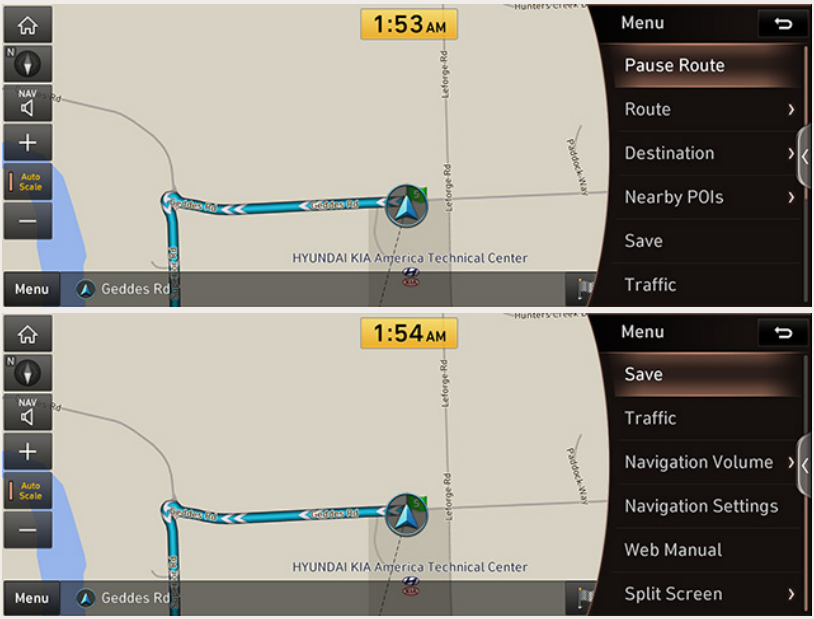
1. Press and drag the map area on the screen. The selected point will be centered on the screen and the scroll mark will be displayed. Information about the marked point and straight line distance from the current position will be displayed at the center of the screen.



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

NAVIGATION MENU

1. Press [Menu] on the map screen.



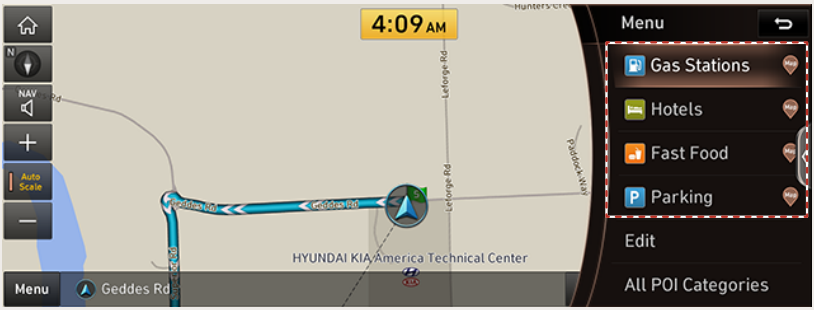
2. Press the preferred setting method.
   - [Pause Route]: Pauses the route guidance to the destination or waypoint.
   - [Route]: Changes the route conditions by using the [Route] menu when the route is activated.
   - [Destination]: Finds a destination by using the [Destination] menu.
   - [Nearby POIs]: Finds a facility by searching for POI near current position.
   - [Save]: Adds the location to [Address Book] menu.
   - [Traffic]: Shows the traffic information list.
   - [Navigation Volume]: Adjusts the navigation volume.
   - [Navigation Settings]: Sets items related with navigation settings.
   - [Web Manual]: Displays the QR code for the manual of corresponding function
   - [Split Screen]: Sets the split screen.

SEARCHING FOR POI

POI SEARCH

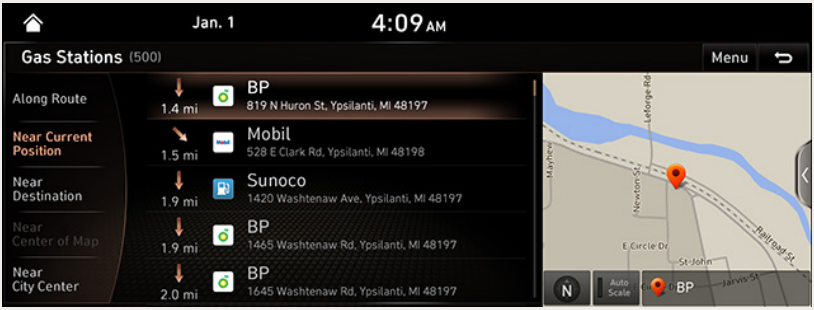
You can find a POI (Point Of Interest) along route, near current position, near destination, near center of map or near city center.

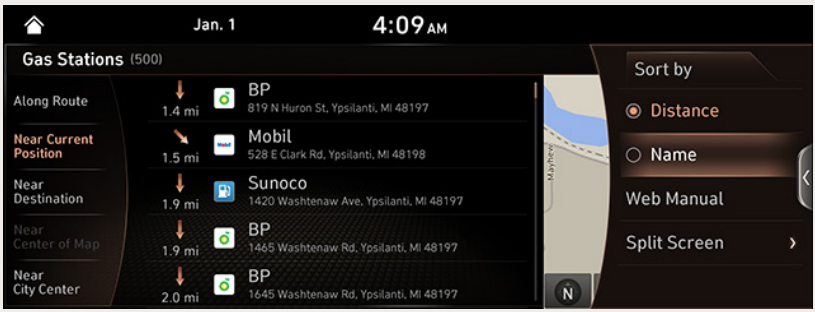
1. Press [Menu] > [Nearby POIs].



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

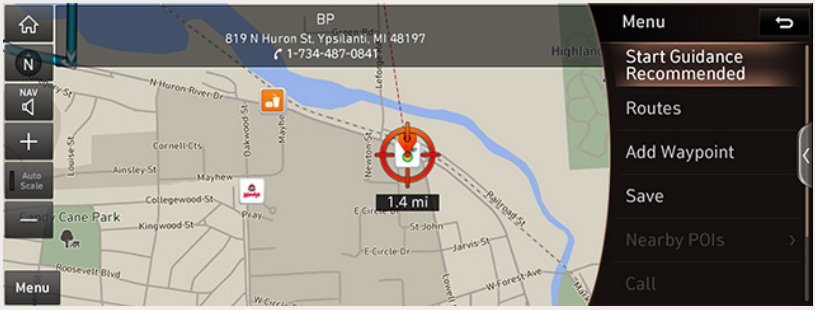
2. Select one of POI category.





- Press [Menu] > [Name] to arrange the list in name order.
- Press [Menu] > [Distance] to arrange the list in distance 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 city selected.
4. Press the desired item.



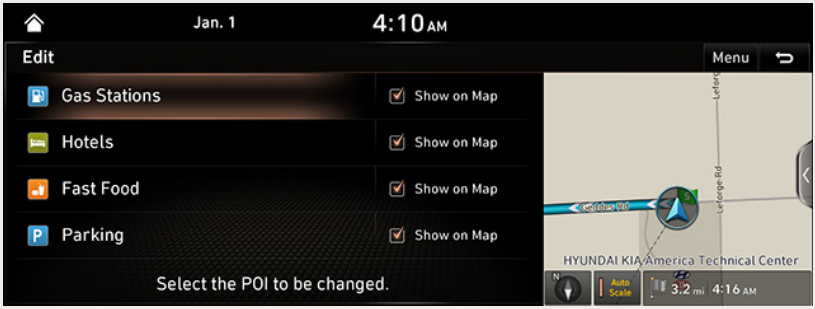
   - If you want to set the appropriate route condition according to your purpose, press [Routes].
   - If you want to add a waypoint when a route is set, press [Add tourpoint].
   - If you want to add the position to [Address book] menu, press [Save].
   - If you want to make a call, press [Call].
5. Press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

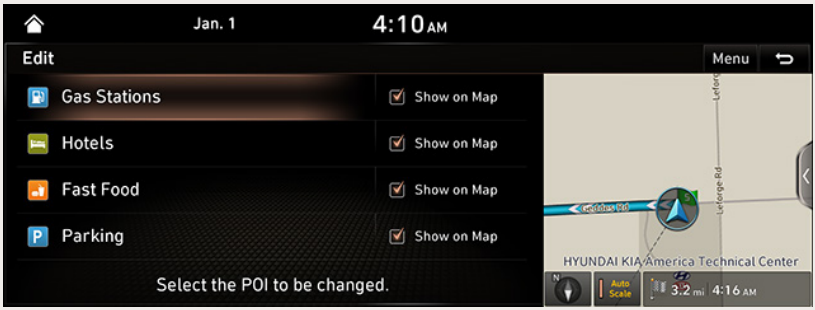


2. Mark or unmark the desired POI. The map icon is displayed on the right of POI menu screen.

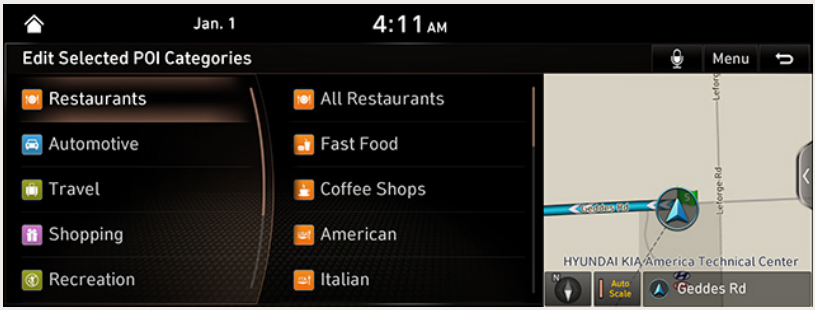
EDITING POI CATEGORY

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

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



2. Select the POI to edit.

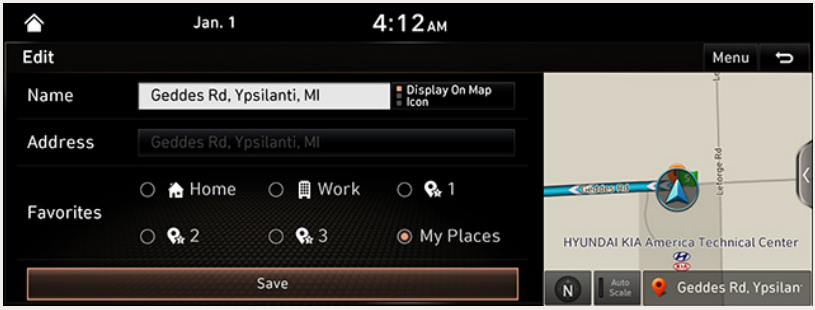


3. Select the desired POI. The selected POI appears on POI menu screen.

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 [Off] to display on the map screen.
   - [Favorites]: Selects the desired Favorites.
3. Press [Save] to save the setting.

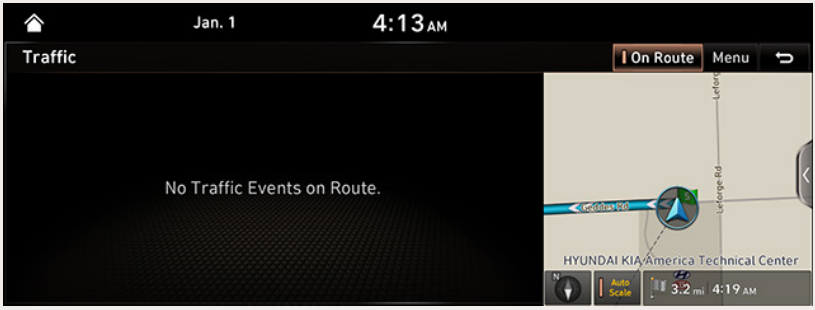
NOTE

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.

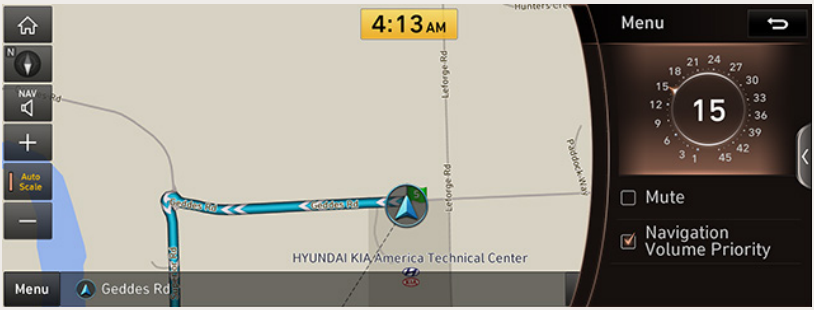
2. Press the traffic list to display the detailed information.

NOTE

This feature may not be reflected depending on condition.

NAVIGATION VOLUME

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



- [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.

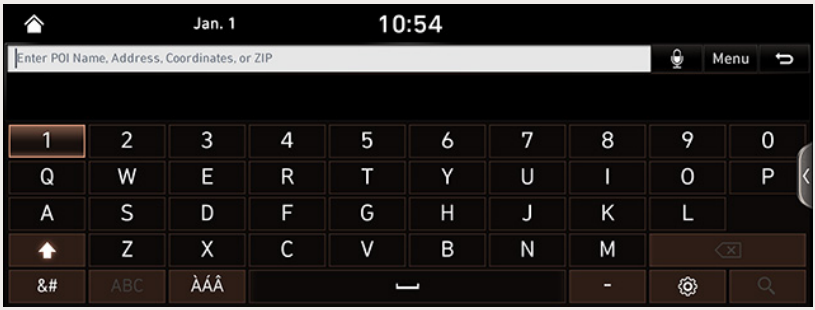
2. For more details, refer to the "Navigation" part.

SEARCHING FOR DESTINATION OF NAVIGATION

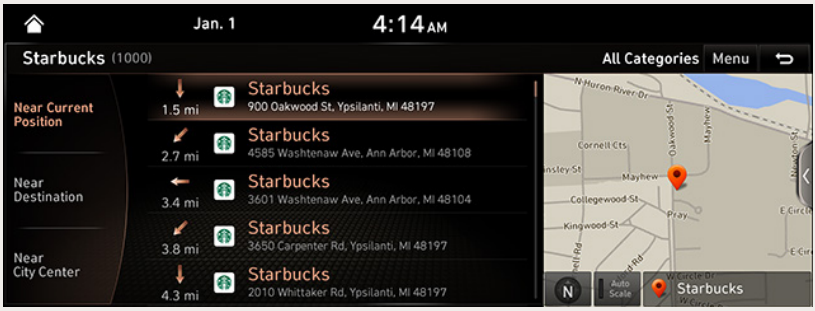
SEARCH

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

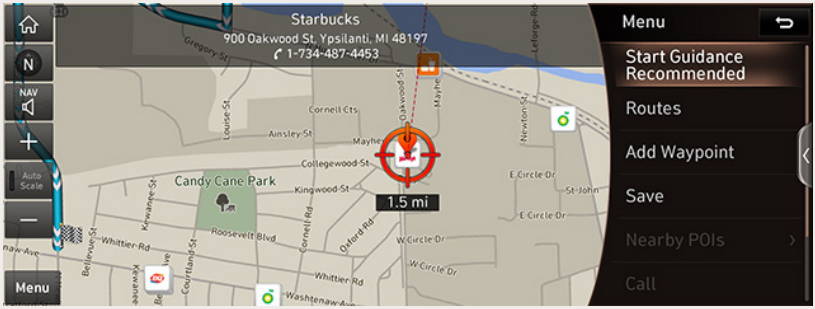
1. Press [Menu] or [NAV] > [Destination] > [Search].



2. Enter the name of the location, address or coordinates and press [🔍].
   You can change the state by pressing [State].



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].

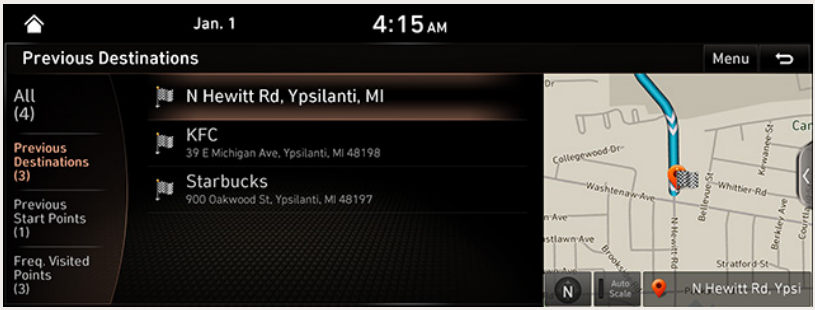
NOTE

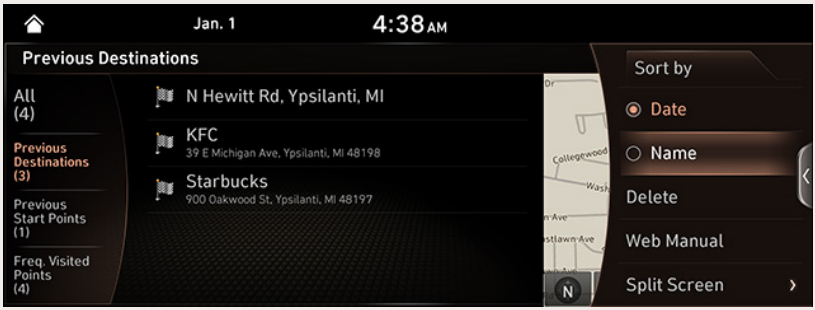
The destination is saved in the [Previous Destinations] menu automatically.

PREVIOUS DESTINATIONS

You can select one of the locations you have previously searched for as a destination, tourpoint and start point.

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





- [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.

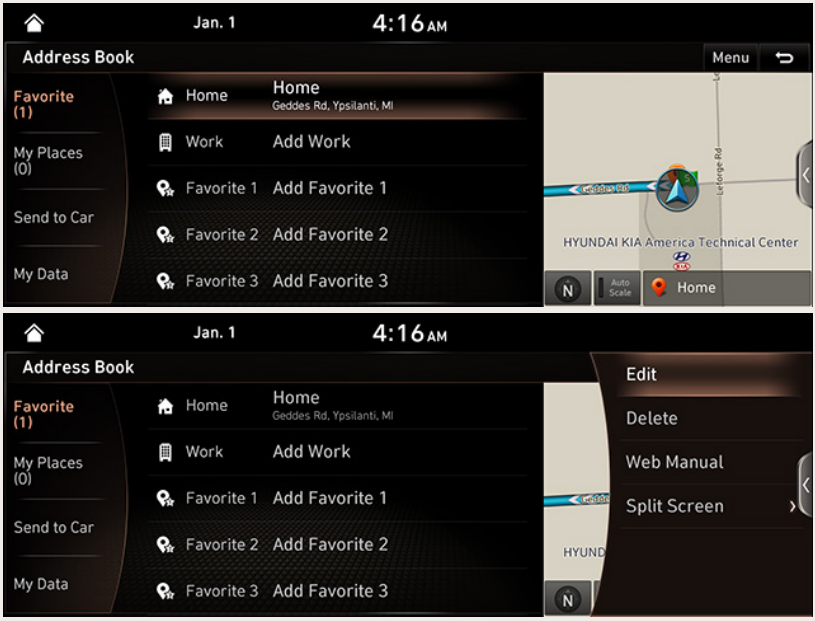
2. Press the preferred previous point from the list.
3. Press [Start guidance].

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, add a location to the [Address Book] menu through destination search function.

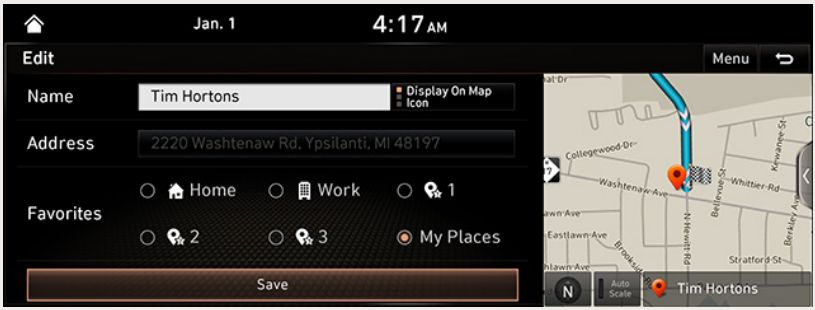
1. Press [Menu] or [NAV] > [Destination] > [Address Book].



2. Press [Favorites] 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

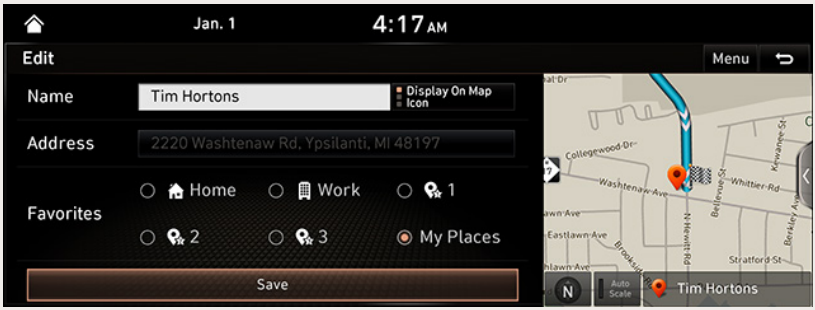
1. Press [My Places] in address book list.
2. Press [Menu] > [Add].
3. Select a desired location through destination search function.



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

EDITING ADDRESS BOOK

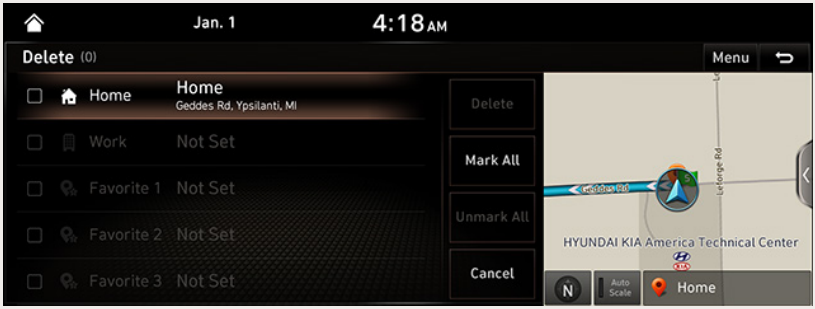
1. Press [Menu] > [Edit] in address book list.
2. Select the item to edit.



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]: Selects the desired Favorite.
4. Press [Save] to save the setting.

DELETING ADDRESS BOOK

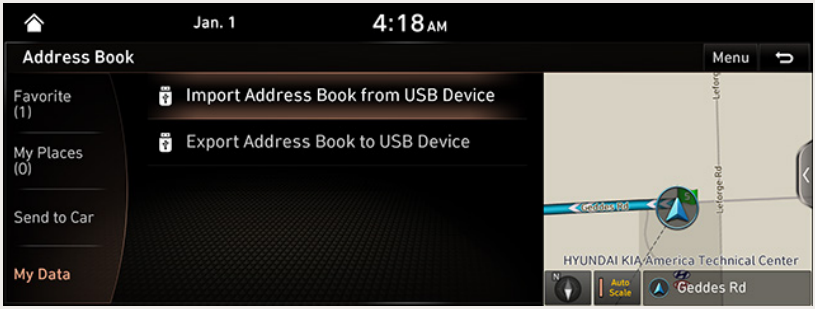
1. Press [Menu] > [Delete] in address book list.



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

MY DATA

1. Press [Menu] or [NAV] > [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.

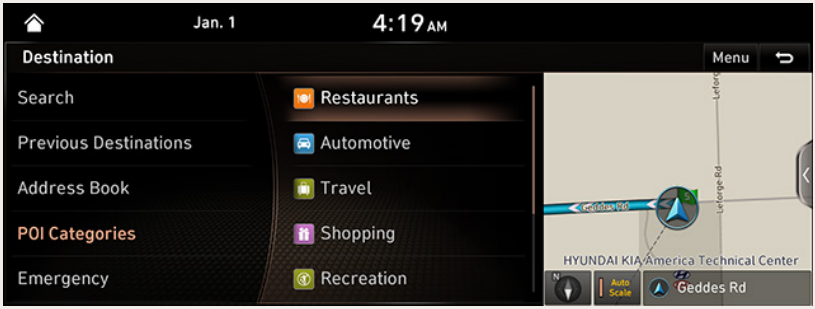
NOTE

- 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] > [Destination] > [POI Categories].



   If you want to search for the POI category by history, Press [Menu] > [Category History].

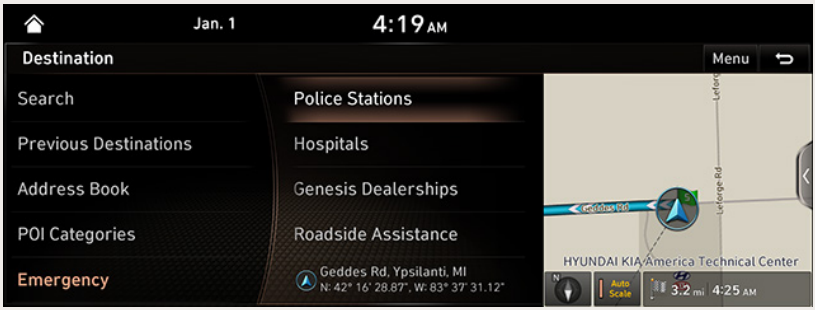
   If you want to search for the POI category by name, press [Menu] > [Category Search]. Input the name, then press [🔍] to finish.

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

EMERGENCY

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

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



<For example: Police Stations>

- 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].

HOME / WORK / FAVORITES

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

First of all, store in the [Favorites] menu through destination search function.

REGISTERING HOME, WORK OR FAVORITE PLACE

1. Press [Menu] > [Destination] > [Add Home] or [Add Work]. Or Press [NAV] > [Destination] > [Address Book] > [Favorites] > [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 [Menu] or [NAV] > [Destination] > [Address Book] > [Favorite] on the map screen to check items saved in the [Favorite] menu.

FINDING YOUR HOME, WORK OR FAVORITE PLACE

1. Press [Menu] > [Destination] > [Home], [Work], [Favorite 1], [Favorite 2] or [Favorite 3].
2. Press [Start guidance].

USING THE ROUTE MENU

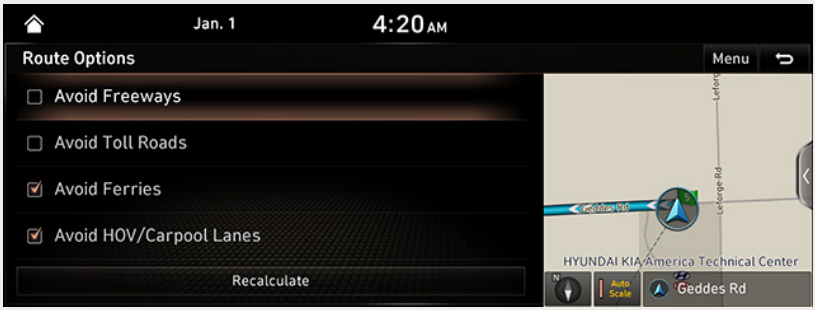
CANCEL ROUTE

If you want to stop the route guidance when a route is active, press [NAV] > [Route] > [Cancel Route] or touch and hold [Pause 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] or [Menu] > [Route] > [Route Options].



2. Set 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

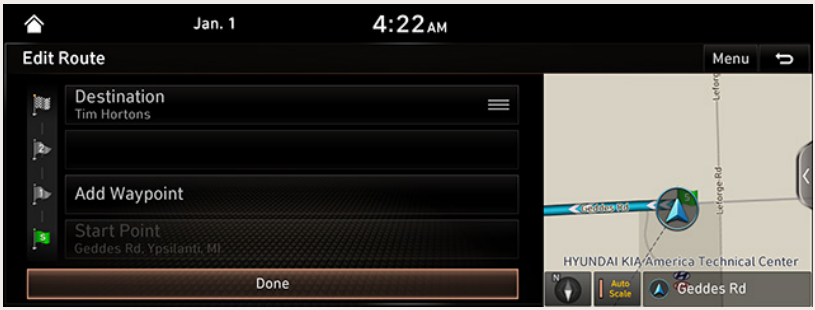
The Items set by user may not be reflected depending on condition.

EDIT ROUTE

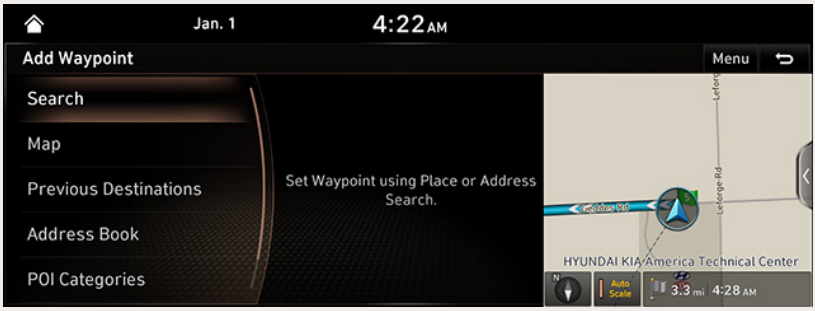
This feature allows you to travel through the searched routes by editing the current route. Waypoints can be added/deleted/edited and the order can be changed.

ADDING WAYPOINTS

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



2. Press [Add Waypoint].



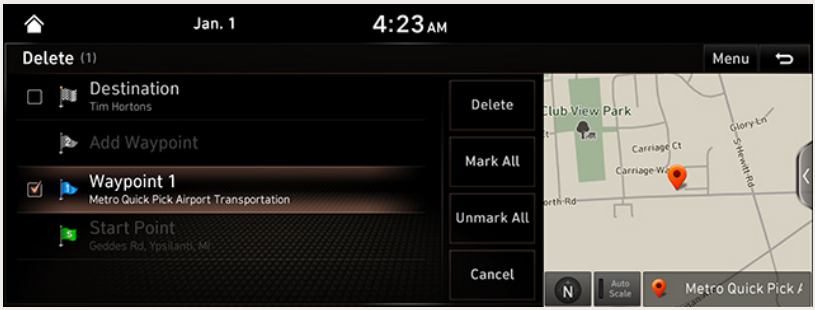
3. Add the waypoint through destination search function.
4. If you want to add an waypoint, follow steps 2~3.
5. Press [Done] > [Start Guidance].

REORDERING ROUTE

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

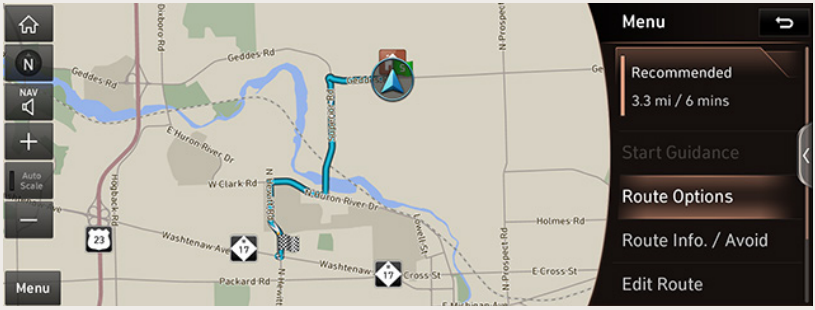


3. Select the desired item, then press [Delete] > [Yes].
   - [Mark all]: Marks all items.
   - [Unmark all]: Unmarks all items.
   - [Cancel]: Exits delete screen.

ROUTE OVERVIEW

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

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

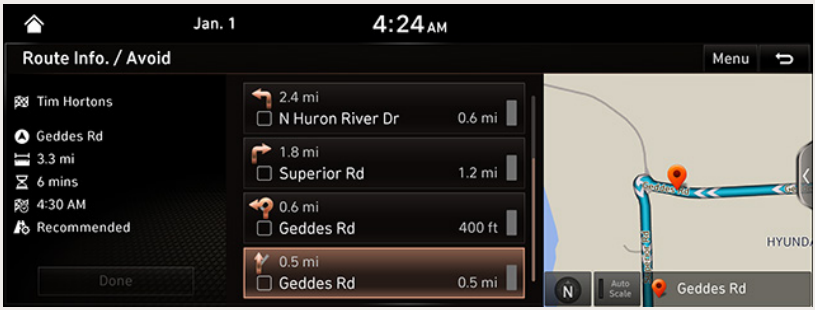


2. Press the desired route.
   - [Recommend]: Calculates the route based on the fastest arrival time.
   - [Alternate]: Calculates the alternate route.
   - [Shorter]: Calculates the route based on the shortest distance.
3. Press the desired item.
   - [Start Guidance]: Starts the route guidance.
  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

GENESIS CONNECTED SERVICES

GENESIS CONNECTED SERVICES

The Connected Services function is supported for vehicles purchased in USA.

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.

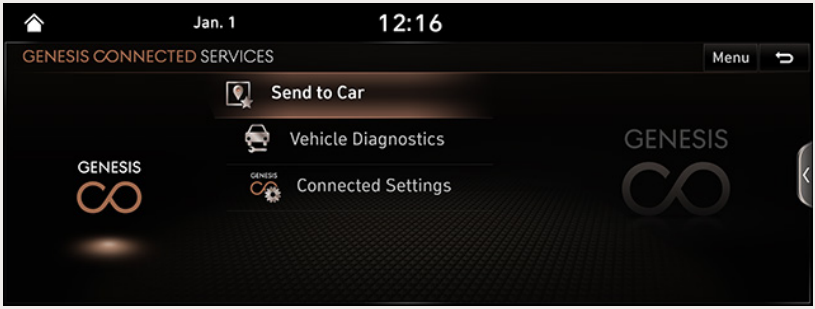
Places where Connected Services may be disrupted depending on the transmission/reception status:

- 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

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] or [ ] > [Connected Services].



- [Send to Car]: Displays information of Places received by the vehicle from the Connected Services Smart phone application.
- [Vehicle Diagnostics]: Inspects vehicle malfunctions and provides diagnostics.
- [Connected Settings]: Displays Activate Connected Services, Modem Information, and Modem Status.

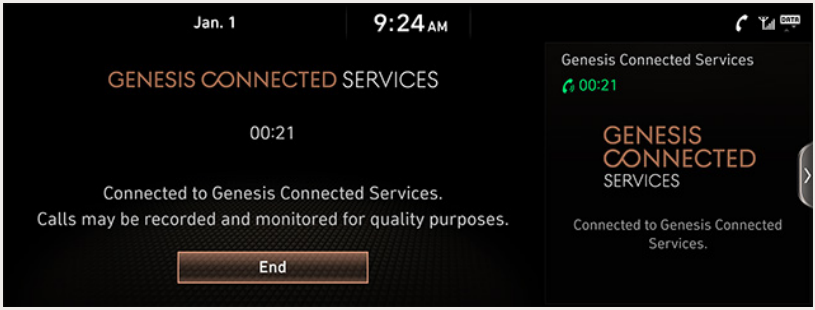
INTERIOR LIGHT BUTTON

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



VOICE LOCAL SEARCH

WHAT IS VOICE LOCAL SEARCH?

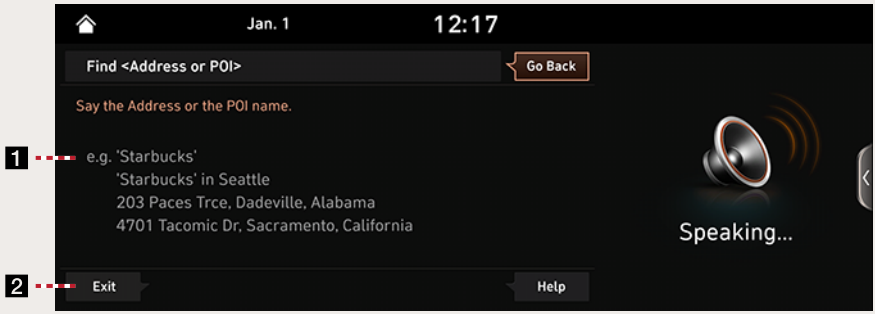
With Genesis Connected Services network service, you can search for HERE-provided place names with your voice.

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

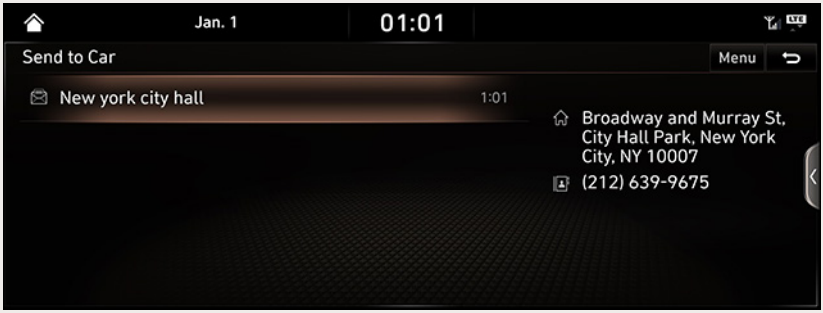
If you change the language set for the system to Korean, French or Spanish, this function will not be supported. Change the system language to other language.

SEND TO CAR

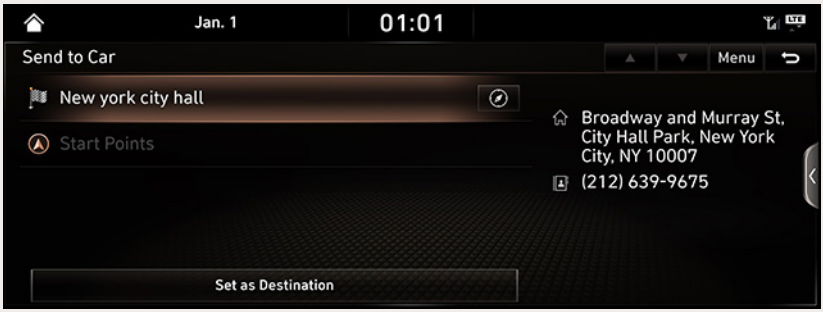
You can check information about Places received via Connected Services Smart Phone application. To use the “Send to Car” function, first you need to sign up to the Connected Services.

VIEW SEND TO CAR

1. Press [HOME] or [ ] > [Connected Services] > [Send to Car].

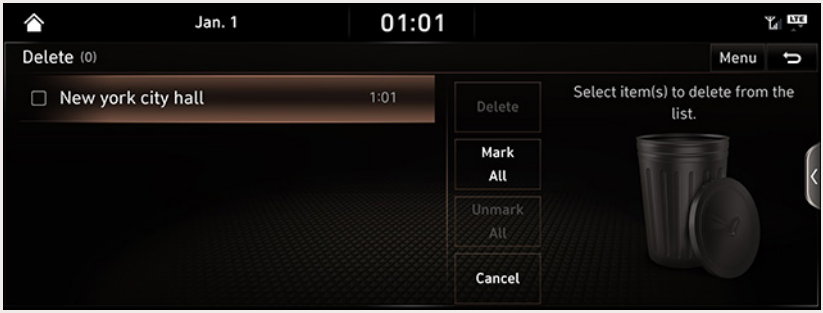


2. Select a desired location from the POI list and Press [Set as Destination] to set the location as the destination. Moves to Set Destination Screen.



DELETING SEND TO CAR

1. Press [HOME] or [ ] > [Connected Services] > [Send to Car].
2. Press [Menu] > [Delete].



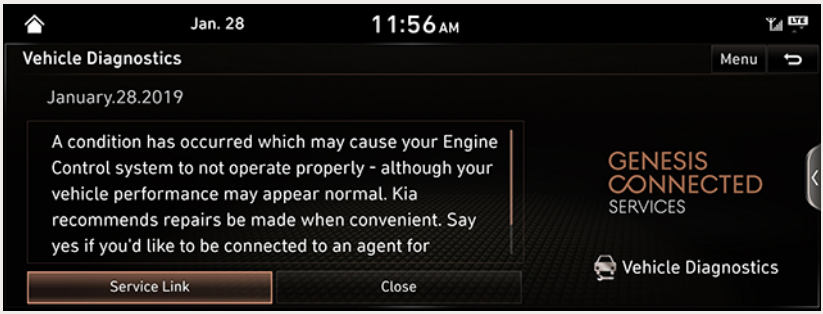
3. Select the desired item(s), then press [Delete] > [Yes].
   - [Mark All]: Selects all items.
   - [Unmark All]: Unmarks all items.
   - [Cancel]: Exits delete screen.

VEHICLE DIAGNOSTICS

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.

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



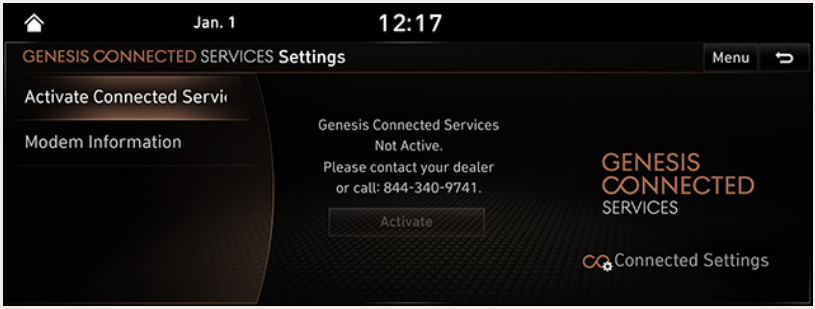
2. Press [Service Link].

CONNECTED SETTINGS

SERVICE ACTIVATION

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

1. Press [HOME] or [ ] > [Connected Services] > [Connected Settings] > [Activate Connected Services].



2. Press [Activate].

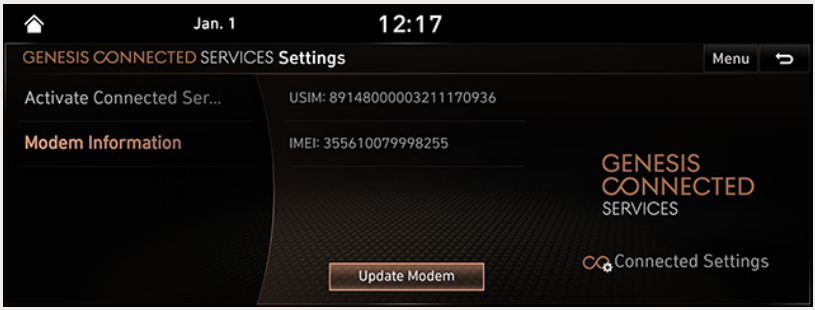
NOTE

- 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 (844) 340-9741.
- During service activation, the hard keys in the head unit do not work.

MODEM INFORMATION

This feature is used to show the MEID modem information.

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



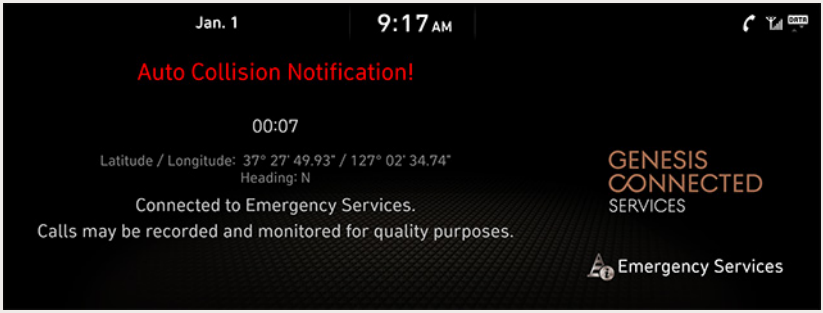
CONNECTED SERVICES FEATURES

SAFETY

AUTOMATIC COLLISION NOTIFICATION AND ASSISTANCE

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

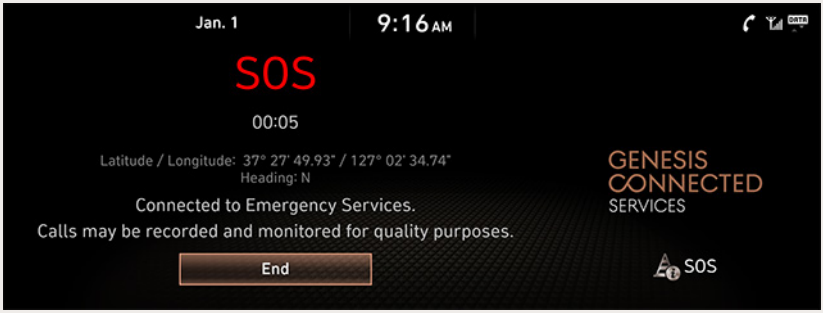
In this event, an ACN signal, containing customer and location information, will automatically be transmitted to the response center. Upon receipt of the signal, a response specialist will attempt to establish voice communications with the vehicle occupants and forward any pertinent information to Connected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



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. This information is automatically sent to the owner's preferred dealer to assist with the repair process.

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.

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 sport in the parking lot of a hotel or mart is forgotten, the spot can be checked by the bilking 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.

VEHICLE SAFEGUARD

STOLEN VEHICLE RECOVERY

In the event a customer's vehicle is reported stolen (and a stolen vehicle report has been filed with the appropriate police department), the response center can provide assistance to the police in an attempt to recover the vehicle.

VEHICLE SLOWDOWN

Used with Stolen Vehicle Recovery, this enables law enforcement to gradually reduce the engine power of the vehicle, thus slowing it down to safe levels. A warning shall be transmitted to the driver prior to the slowdown procedure.

VEHICLE IMMOBILIZATION

Used with Stolen Vehicle Recovery, this enables law enforcement to send a signal to the vehicle which immobilizes the engine management system, thus preventing startup. This capability is only valid when the ignition is off, but can be saved for later immobilization if the vehicle is on or in motion at the time of signal transmission.

PANIC NOTIFICATION

This feature will notify any pre-selected persons of your vehicle's precise location if your vehicle's remote panic button is engaged, via your choice of text messaging or email.

ALARM NOTIFICATION

In the event your vehicle's alarm is activated, this feature will automatically notify any pre-selected persons via your choice of text messaging or email.

VALET ALERT

Whenever you leave your vehicle with a valet and it travels farther than your pre-selected distance boundary after activation, you will be notified in-vehicle and via your choice of text message or email.

GEO FENCE ALERT

This feature allows you to designate the boundaries of areas in which your vehicle may and may not be driven. Should the vehicle cross these boundaries, you will be notified in-vehicle and via your choice of text messaging or email.

SPEED ALERT

This feature allows you to pre-set a speed limit for your vehicle. Should the speed limit be exceeded, you will be notified in-vehicle and via your choice of text messaging or email.

CURFEW ALERT

This feature allows you to pre-set acceptable time intervals for when your vehicle can and cannot be driven. Should these be exceeded, you will be notified in-vehicle and via your choice of text messaging or email.

DRIVER ASSISTANCE

DRIVER ASSISTANCE

Driving assistance system that helps you drive in speed you want, keeping distance from the car ahead.

01_SCC

Driving assistance system that helps you drive in appropriate speed on the highway using navigation.

02_NSCC

Driving assistance system that helps you drive in appropriate speed on the middle of the highway, keeping distance from the car ahead.

03_HDA

Driving assistance system that helps you keep the lane you are driving on.

04_LFA

Driving safety system that warns you off the danger of collision and helps you avoid.

05_FCA

Driving safety system that warns when you get out of the lane and helps you keep you lane.

06_LKA

1. Press [HOME] or [ ] > [Setup] > [Vehicle] > [Driver Assistance].

2. Select the desired items.

SCC REACTION

It adjusts the responsiveness of Smart Cruise Control to the acceleration of a leading vehicle. Select [Fast], [Normal], or [Slow].

DRIVING ASSIST

You can set the assistant items related to driving safety when driving.

- [Leading Vehicle Departure Alert]: Notifies the driver when the leading vehicle drives away.
- [Lane Following Assist]: Automatic adjustment of the steering to keep the vehicle centered in the lane.
- [Highway Driving Assist]: Enables Highway Driving Assist which provides lane keeping, smart cruise, and sets vehicle speed automatically according to the expressway speed limit.

- [Highway Auto Speed Zone Slowdown]: Automatic deceleration before entering motorway speed enforcement zones.
- [Highway Auto Curve Zone Slowdown]: Automatic deceleration before entering a curvy zone on motorways.

WARNING TIMING

This menu is used to select the warning timing of the driver assistance systems. Select [Normal] or [Late].

WARNING VOLUME

This menu is used to adjust the warning sound volume of the driver assistance systems. Select [High], [Medium], [Low], or [Off].

HAPTIC WARNING

This menu is used to adjust the intensity of steering wheel haptic warning for driving safety systems. Select [Strong], [Medium], or [Light].

DRIVER ATTENTION WARNING

This menu is used to warn the driver inattentiveness and recommend of a reset if needed. Check [Attention Warning].

FORWARD SAFETY

You can set the forward safety function.

- [Active Assist]: Collision avoidance by provision of a warning and vehicle control when a risk of forward collision is detected.
- [Warning Only]: Warning on detection of a risk of forward collision.
- [Off]: Turns off the forward safety function.

LANE SAFETY

You can set the lane safety function.

- [Lane Keeping Assist]: Automatic adjustment of the steering wheel to keep the vehicle in the lane when approaching the lane markings.
- [Lane Departure Warning)]: Warning, when the vehicle leaves the lane.
- [Off]: Turns off the lane safety function.

BLIND-SPOT SAFETY

You can set the properties of Blind-spot safety functions.

- [Blind-Spot view]: Displays the blind spots view in the cluster when changing the lanes using the turn signal.
- [Safe Exit Assist]: It helps to get off safely from the vehicle by detecting traffic in the blind spot and providing a warning and exit control.
- [Active Assist]: Collision avoidance by providing a warning and vehicle control when a risk of blind spot collision is detected.
- [Warning Only]: Warning when risk of blind-spot collision is detected.
- [Off]: Turns off the blind-spot safety function.

PARKING SAFETY

You can set parking distance warning, collision avoidance assistance, collision warning during parking.

- [Parking Distance Warning Auto ON]: Automatically activates Parking Distance Warning when traveling at low speeds.
- [Rear Cross-Traffic Safety]: Assists in collision avoidance by providing a warning and vehicle control when a risk of rear cross-traffic collision is detected while backing up.
- [Active Assist]: Assists in collision avoidance by providing a warning and vehicle control when a risk of collision is detected while backing up.
- [Warning Only]: Provides a warning when a risk of collision is detected while backing up.
- [Off]: Disables the Parking Safety function.

DATA SERVICES

ABOUT HD DATA SERVICES

The HD Data is a paid membership satellite radio service which provides users with traffic, weather, doppler radar, and fuel prices information.

ACCESSING HD DATA SERVICES

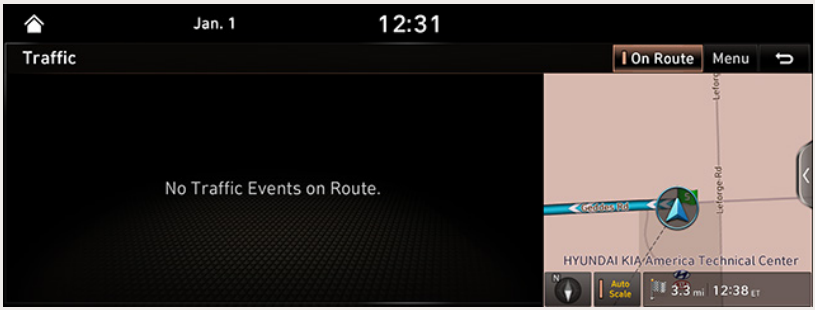
Press [HOME] or [ ] > [HD Data].

<HD Data screen>

TRAFFIC

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

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



   - Press [On Route] to display the traffic information on route when the route is set.
   - Press [Menu] > [Category] or [Distance] to sort in Category or Distance order.
   - Press [Menu] > [Category] to search for category. You can check the related information by marking various information (Accidents, Road Construction, etc).

2. Press the traffic list to display the detailed information.

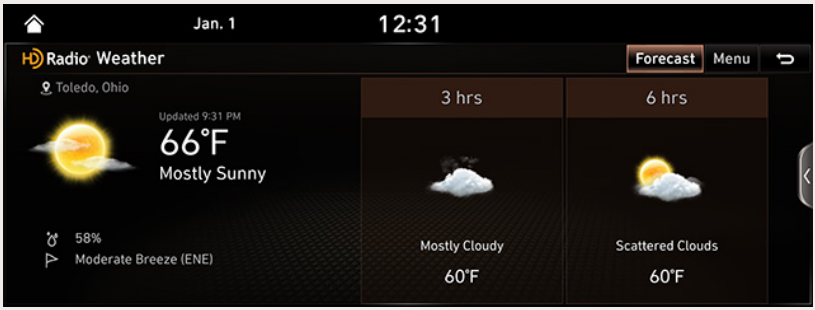
NOTE

This feature may not be reflected depending on condition.

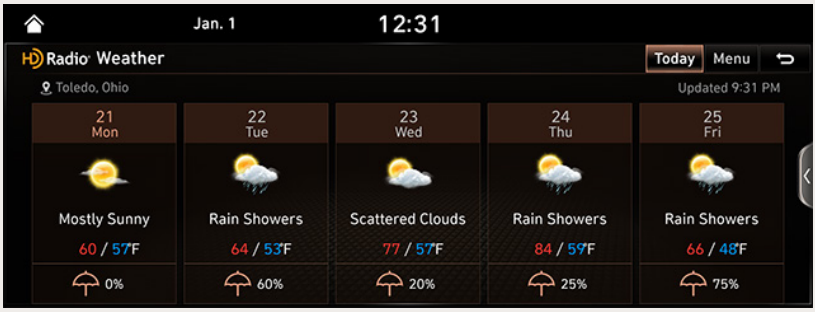
WEATHER

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

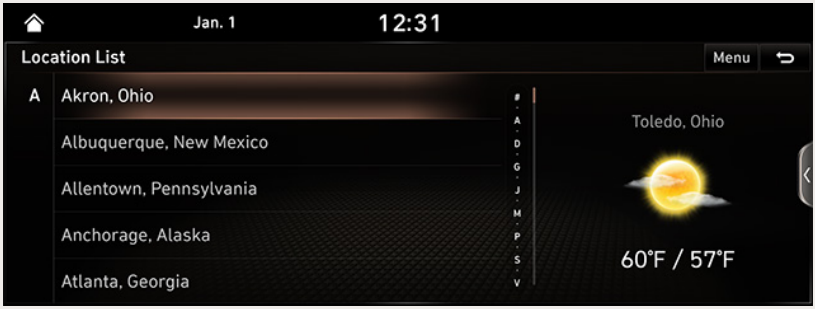
1. Press [HOME] or [ ] > [HD Data] > [Weather].
   This current weather information is displayed on the screen.



2. Press [Forecast] to check weather forecasts for the next five days including today in your region. Or press [Menu] > [Forecast].



Press [Menu] > [Location List] to check weather information in other region.

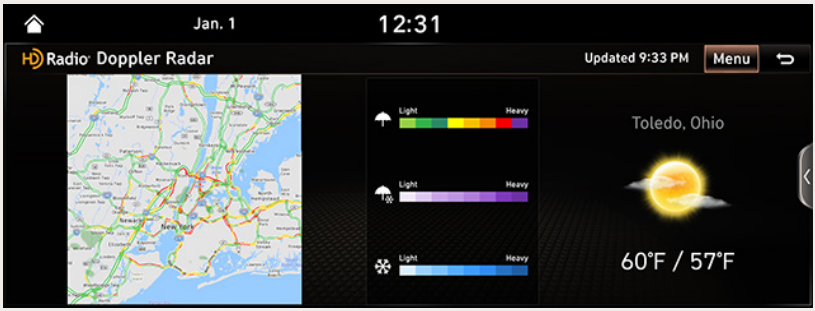


DOPPLER RADAR

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

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

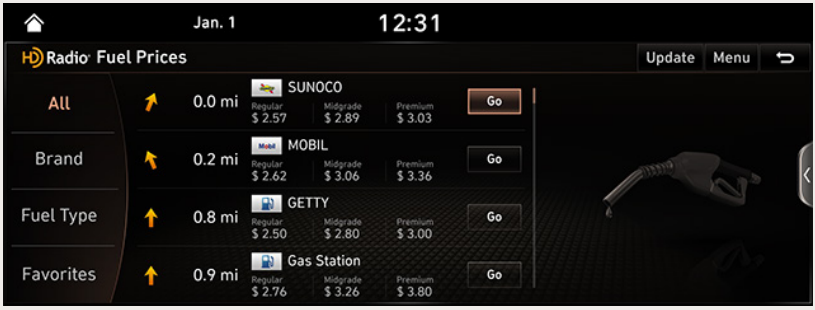
This Doppler Radar information is displayed on the screen.



FUEL PRICES

FINDING GAS STATION

1. Press [HOME] or [ ] > [HD Data] > [Fuel Prices]. This Fuel Prices list is displayed on the screen.



<Fuel Prices list>

- [All]: Displays all gas stations.
- [Brand]: Displays gas stations by brand.
- [Fuel Type]: Displays gas stations by fuel type.
- [Favorites]: Moves to the [Favorites] menu.
- Press [Menu] > [Sort by] > [Distance], [Price], [A - Z] to sort in Distance, Price, or Alphabetical order.
- Press [Menu] > [Search] to search for the gas station.

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

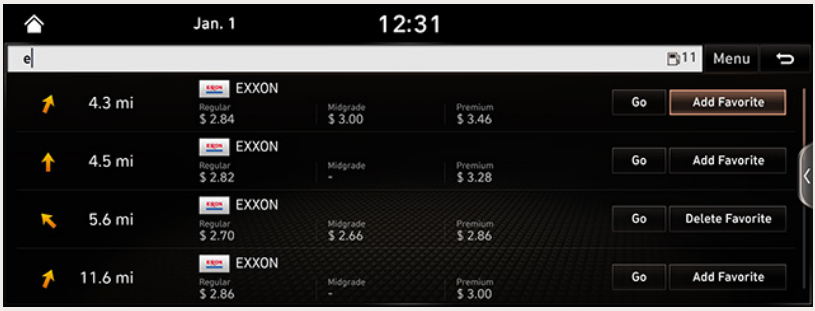
NOTE

- Within 50 miles, a maximum of 250 items can be displayed.
- Press [Update], to display the added Fuel Prices list.

SEARCHING FOR GAS STATION

1. Press [Menu] > [Search] in Fuel Prices list.
2. Enter the desired gas station and press [ ].

3. To store the desired item as a favorite, press [Add Favorite].

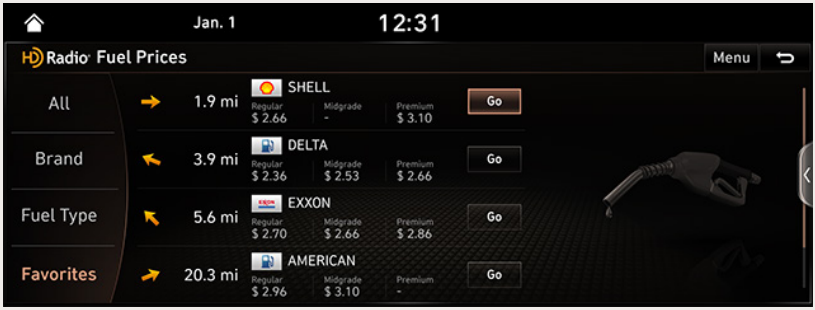


4. Press [Go] > [Start Guidance].

FAVORITES

If the gas station has been already stored in the Favorites, it can be easily recalled. First of all, add the gas station in the Favorites.

1. Press [Favorites] in Fuel Prices list.



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

ADDING TO FAVORITES

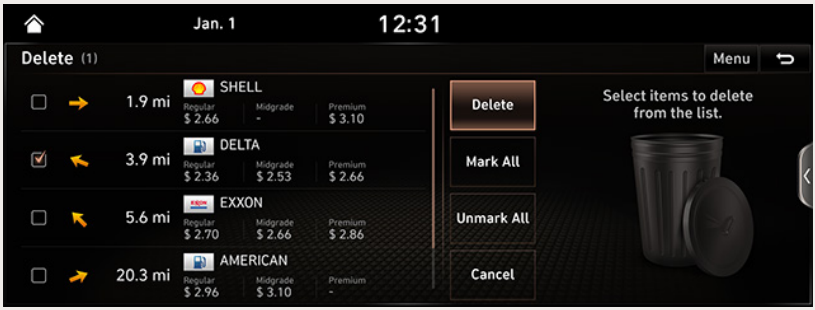
A maximum of 10 items can be added.

1. Press [Favorites] > [Menu] > [Add Favorite] in Fuel Prices list.
2. Enter the desired gas station and press [ ].

3. Select the desired item.

DELETING FAVORITES

1. Press [Favorites] > [Menu] > [Delete] in Fuel Prices list.

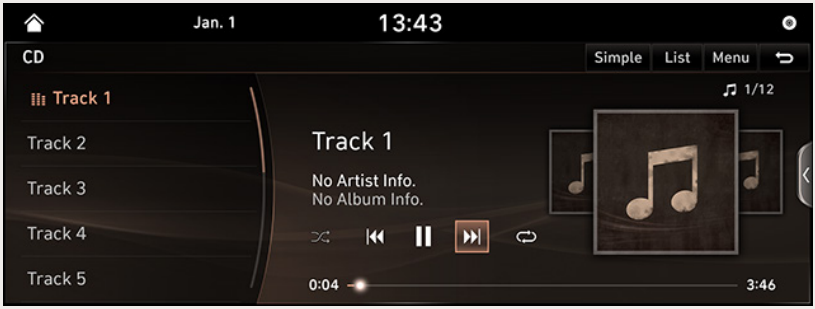


2. Select the item you want to delete and press [Delete] > [Yes].
   - [Mark all]: Marks all items.
   - [Unmark all]: Unmarks all items.
   - [Cancel]: Exits delete screen.

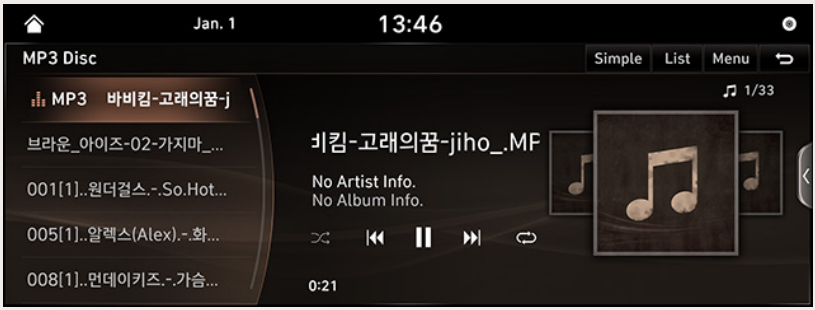
MEDIA

PLAYING AUDIO CD/MP3 CD

This item is for customers who have selected the disc deck option.
Insert a disc into the disc slot and playback will start automatically.



<Audio CD>



<MP3 CD>

NOTE

To play the Audio CD or MP3 CD while a different source is playing, press [HOME] or [⌂] > [Media] > [CD] or [MP3 Disc].

PAUSE

You can pause the playing track/file.
Press [⏸] on screen.
Press [▶] on screen to play it again.

SKIP

You can play the previous or next track/file.

Position	Description
Screen	• Press [I◀◀/▶▶I]. • Pressing [I◀◀] after 3 seconds of playback time plays the current track/file from the beginning in case of the split screen.
Rear Seat control key	• Press [< SEEK >]. • Pressing [< SEEK] after 3 seconds of playback time plays the current track/file from the beginning in case of the split screen.

SEARCH

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

Position	Description
Screen	Press and hold [I◀◀/▶▶I] and then release at the point you want.
Rear Seat control key	Press and hold [< SEEK >] and then release at the point you want.

SEEK

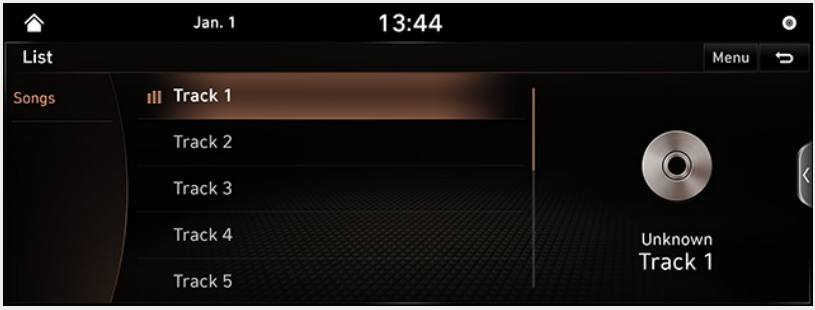
You can play the track/file directly by searching for the desired track/file.

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

LIST

You can play the desired track/file by searching the track/file list included in the disc.

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



<For example: Audio CD>

2. Press the desired track/file.

SHUFFLE

All track/file can be played randomly.

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

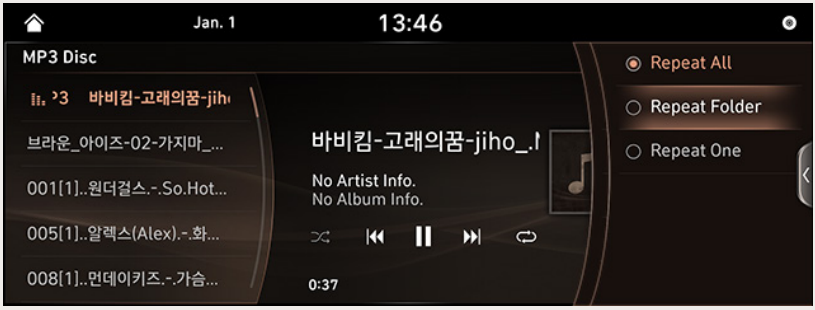
NOTE

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

REPEAT

The current playing track/file is played repeatedly.

1. Press [Menu] > [Repeat].



<For example: MP3 CD>

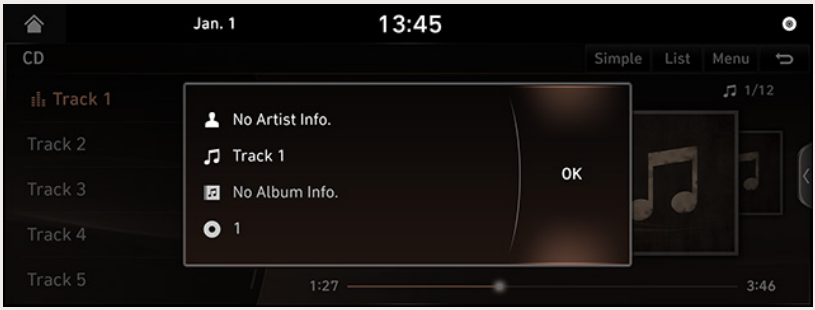
2. Press the desired item.
   - [Repeat all]: Repeats all track/file.
   - [Repeat folder]: Repeats all files within the current folder. (MP3 CD only)
   - [Repeat track]: Repeats the current track/file.

NOTE

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

SONG INFORMATION

This feature shows the artist, title, album and folder information of the song.
Press [Menu] > [Song Information].



<For example: Audio CD>

PLAYING DVD

This item is for customers who have selected the disc deck option.

Insert a disc into the disc slot, with the label facing up.

Playback will start automatically. In some cases, the disc menu might appear.

NOTE

- To play DVD while a different source is playing, press [HOME] or [⌂] > [Media] > [DVD].
- If a menu screen is displayed, select the desired option by using the controller.
- 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 chapter.

Press [⏸] on screen.

Press [▶] on screen to play it again.

SKIP

You can play the previous or next chapter.

Position	Description
Screen	• Press [⏮/⏭]. • Pressing [⏮] after 3 seconds of playback time plays the current chapter from the beginning.
Rear Seat control key	• Press [< SEEK >]. • Pressing [< SEEK] after 3 seconds of playback time plays the current chapter from the beginning.

SEARCH

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

Position	Description
Screen	Press and hold [⏮/⏭] and then release at the point you want.
Rear Seat control key	Press and hold [< SEEK >] and then release at the point you want.

SEEK

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

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

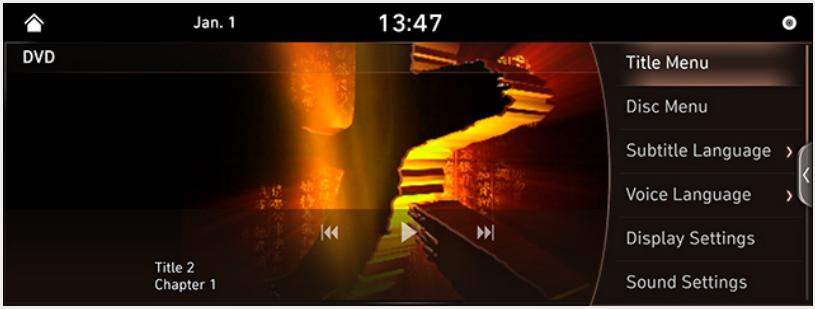
SWITCHING TO MENU SCREEN OR FULL SCREEN

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

TITLE MENU/DISC MENU

If the current title has a menu, the menu will appear on the screen.

1. Press [Menu].

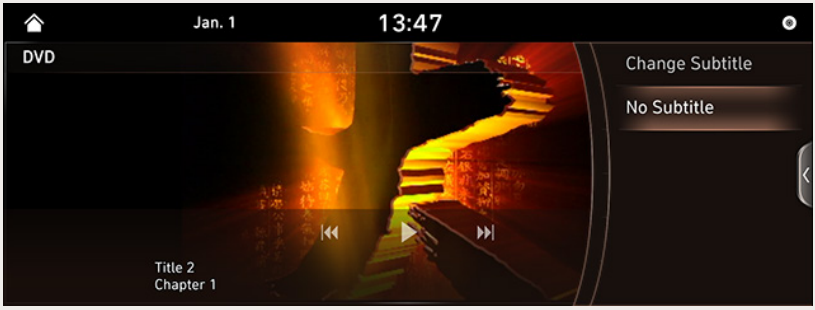


2. Press [Title menu] or [Disc menu].
3. Select the desired item.
4. Press [OK].

SUBTITLE LANGUAGE

Choose from all available subtitle languages.

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



2. Select the desired subtitle language.

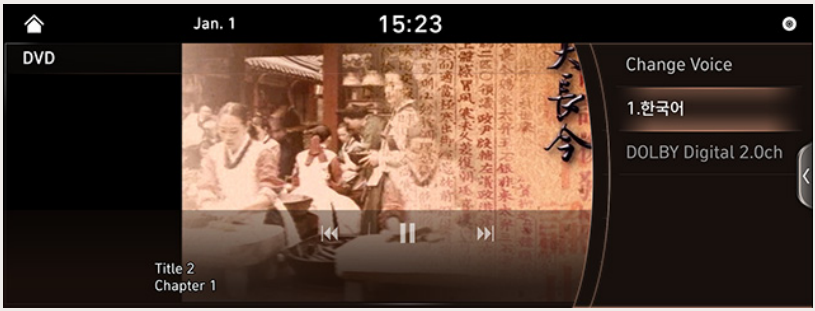
NOTE

The caption language may vary depending on the title of DVD.

VOICE LANGUAGE

Choose from all available audio languages.

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



2. Select the desired audio language.

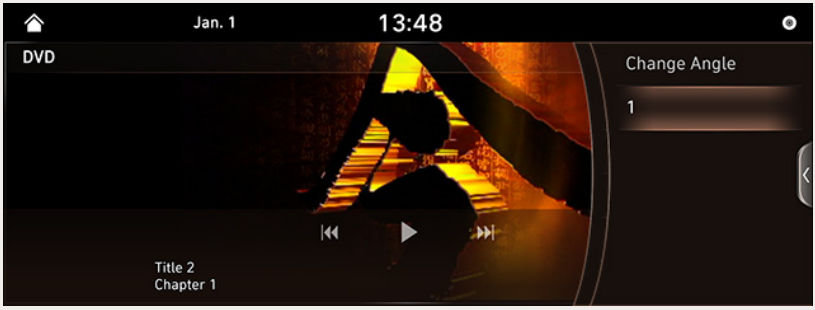
NOTE

The audio language may vary depending on the title of DVD.

ANGLE

Choose from all available camera angles.

1. Press [Menu] > [Angle].



2. Select the desired angle.

NOTE

The angle may vary depending on the title of DVD.

DVD SETTINGS

Set the default language.

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

2. Press the desired item.
   - [DVD subtitle language]: Select the desired subtitle language.
   - [DVD audio language]: Select the desired audio language.
   - [DVD menu language]: Select the desired menu language.

NOTE

If there is no desired language, press [Other languages]. Input the DVD language code, then press [↵]. Refer to “DVD language code” part.

DVD LANGUAGE CODE

Code	Country	Code	Country
0101	Afar	1222	Latvian
0102	Abkhazian	1307	Malagasy
0106	Afrikaans	1309	Maori
0113	Amharic	1311	Macedonian
0118	Arabic	1312	Malayalam
0119	Assamese	1314	Mongolian
0125	Aymara	1315	Moldavian
0126	Azerbaijani	1318	Marathi
0201	Bashkir	1319	Malay
0205	Belarusian	1320	Maltese
0207	Bulgarian	1325	Burmese
0208	Bihari	1401	Nauru
0209	Bislama	1405	Nepali
0214	Bengali	1412	Dutch
0215	Tibetan	1415	Norwegian
0218	Breton	1503	Occitan
0301	Catalan	1513	Oromo
0315	Corsican	1518	Oriya
0319	Czech	1601	Punjabi
0325	Welsh	1612	Polish
0401	Danish	1619	Pushto
0405	Germany	1620	Portuguese
0426	Bhutani	1721	Quechua
0512	Greek	1813	Romance
0514	English	1814	Kirundi
0515	Esperanto	1815	Romanian

0519	Spanish	1821	Russian
0520	Estonian	1823	Kinyarwanda
0521	Basque	1901	Sanskrit
0601	Persian	1904	Sindhi
0609	Finnish	1907	Sangho
0610	Fijian	1908	Croatian
0615	Faroese	1909	Sinhalese
0618	French	1911	Slovak
0625	Frisian	1912	Slovenian
0701	Irish	1913	Samoan
0704	Scots	1914	Shona
0712	Gallegan	1915	Somal
0714	Guarani	1917	Albanian
0721	Gujarati	1918	Serbian
0801	Hausa	1919	Swati
0809	Hindi	1920	Sesotho
0818	Croatian	1921	Sundanese
0821	Hungarian	1922	Swedish
0825	Armenian	1923	Swahili
0901	Interlingua	2001	Tamil
0905	Interlingue	2005	Telugu
0911	Inupiak	2007	Tajik
0914	Indonesian	2008	Thai
0919	Icelandic	2009	Tigrinya
0920	Italian	2011	Turkmen
0923	Hebrew	2012	Tagalog
1001	Japanese	2014	Tswana
1009	Yiddish	2015	Tongo

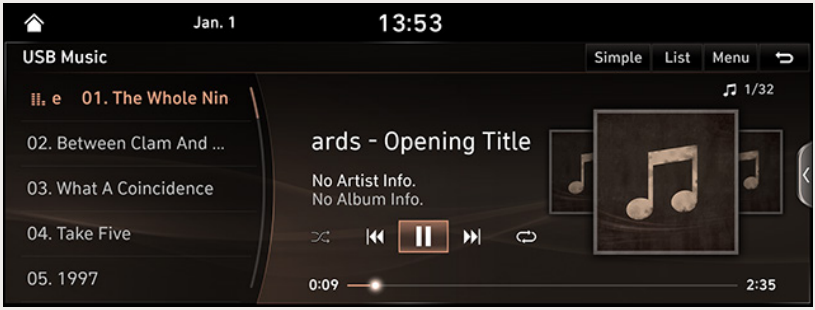
1022	Javanese	2018	Turkish
1101	Georgian	2019	Tsonga
1111	Kazakh	2020	Tatar
1112	Greenlandic	2023	Twi
1113	Cambodian	2111	Ukrainian
1114	Kannada	2118	Urdu
1115	Korean	2126	Uzbek
1119	Kashmiri	2209	Vietnamese
1121	Kurdish	2215	Volapuk
1125	Kirghiz	2315	Wolof
1201	Latin	2408	Xhosa
1214	Lingala	2515	Yoruba
1215	Laotian	2608	Chinese
1220	Lithuanian	2621	Zulu

PLAYING USB

PLAYING USB MUSIC

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

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



NOTE

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

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	• Press [⏮/⏭]. • Pressing [⏮] after 3 seconds of playback time plays the current file from the beginning in case of the split screen.
Rear Seat control key	• Press [< SEEK >]. • Pressing [< SEEK] after 3 seconds of playback time plays the current file from the beginning in case of the split screen.

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.
Rear Seat control key	Press and hold [< SEEK >] and then release at the point you want.

SEEK

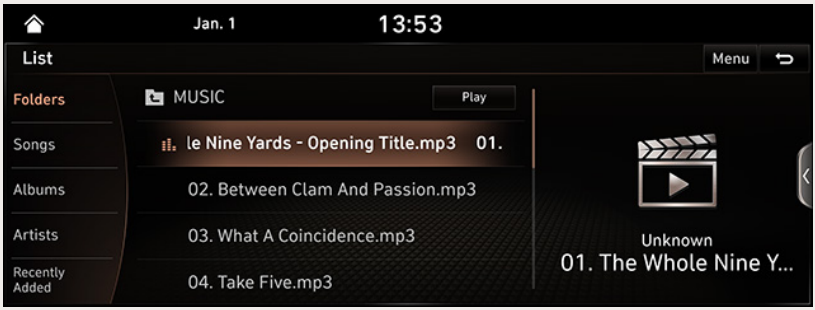
You can play the file directly by searching for the desired file.

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

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.

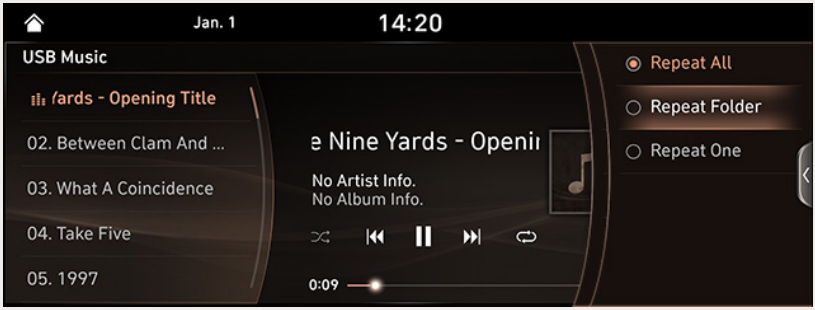
NOTE

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.
   - [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.

: Repeat All

: Repeat Album/Repeat Artist

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

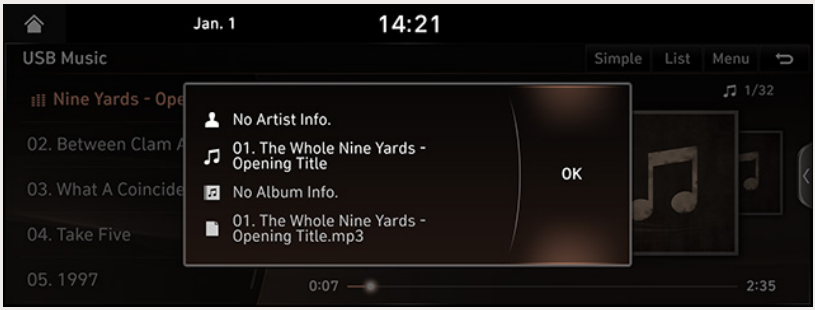
: Repeat Folder

: Repeat One

SONG INFORMATION

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

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

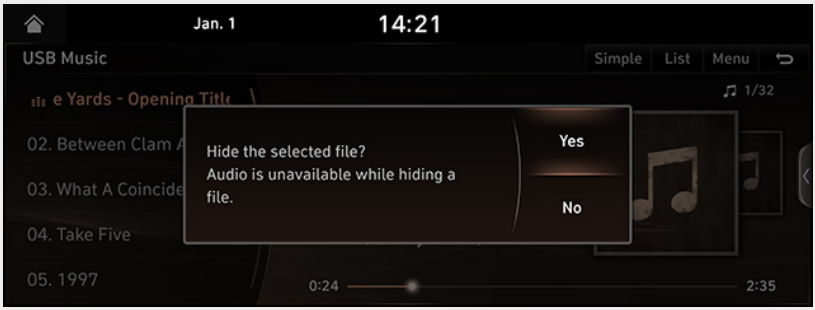


2. Press [OK].

HIDE CURRENT FILE

You can hide the current playing file.

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



2. Press [Yes].

SONGS OF 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 OF THIS ALBUM

Moves the album list of the current song.

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

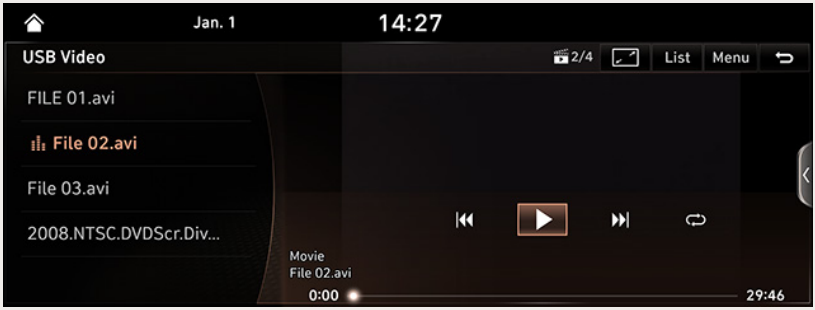
NOTE

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] 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 [⏸] on screen.

Press [▶] on screen to play it again.

SKIP

You can play the previous or next file.

Position	Description
Screen	• Press [⏮/⏭] • Pressing [⏮] after 3 seconds of playback time plays the current file from the beginning in case of the split screen.
Rear Seat control key	• Press [< SEEK >]. • Pressing [< SEEK] after 3 seconds of playback time plays the current file from the beginning in case of the split screen.

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.
Rear Seat control key	Press and hold [< SEEK >] and then release at the point you want.

SEEK

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

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

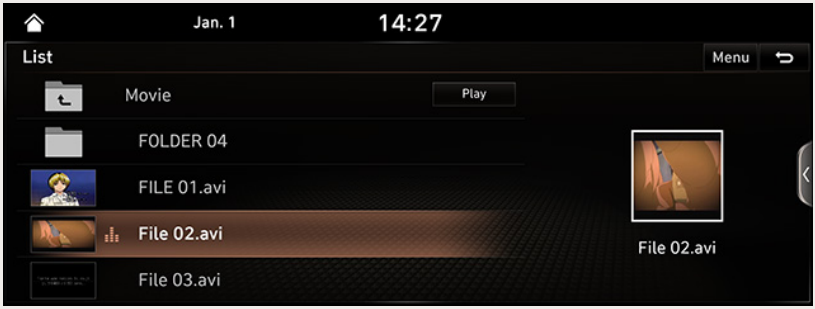
SWITCHING TO MENU SCREEN OR FULL SCREEN

- 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.

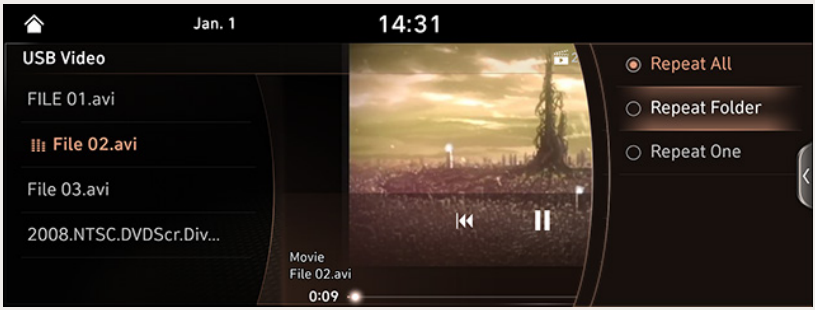
NOTE

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

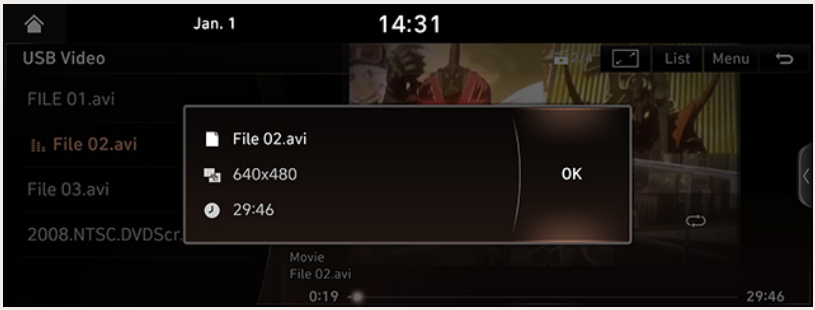
NOTE

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.

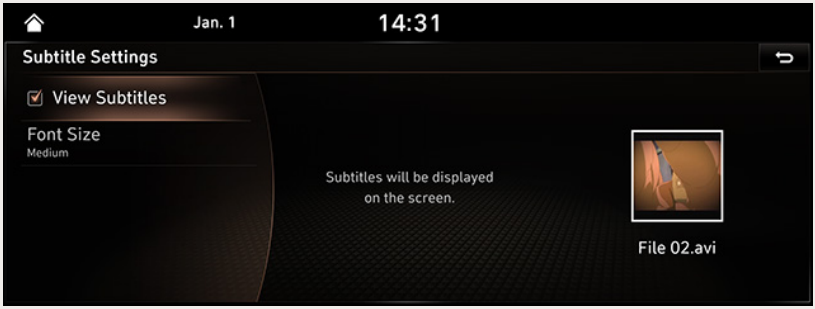
1. Press [Menu] > [File information].



2. Press [OK].

SUBTITLE SETTINGS

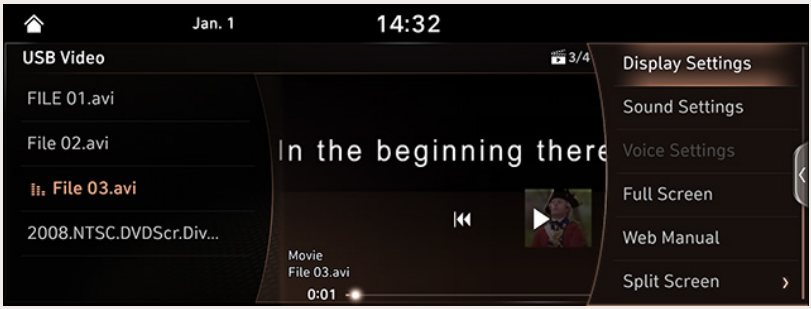
1. Press [Menu] > [Subtitle Settings].



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

VOICE SETTINGS

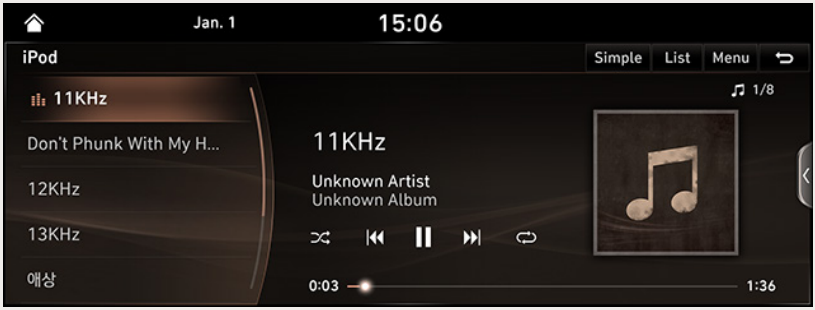
1. Press [Menu] > [Voice Settings].



2. Set the desired voice.

PLAYING IPOD®

1. Use iPod exclusive cable to connect iPod to USB connector.
2. Press [HOME] 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	• Press [⏮/⏭] • Pressing [⏮] after 3 seconds of playback time plays the current file from the beginning.
Rear Seat control key	• Press [< SEEK >]. • Pressing [< SEEK] after 3 seconds of playback time plays the current file from the beginning.

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.
Rear Seat control key	Press and hold [< SEEK >] and then release at the point you want.

SEEK

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

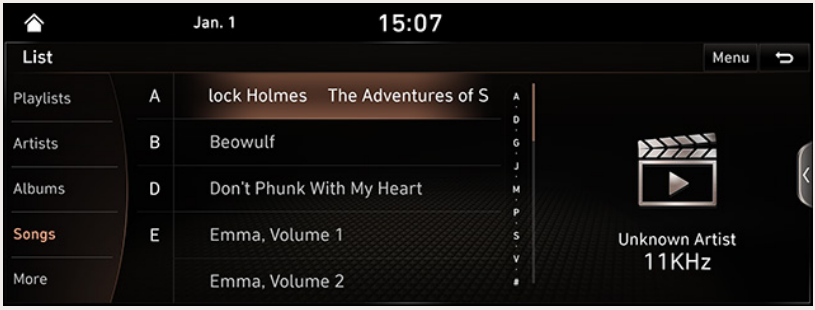
Turn [TUNE/FILE] to search for a desired file. If the desired file is displayed, press the [TUNE/FILE] to play the file.

LIST

SEARCHING THE LIST

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

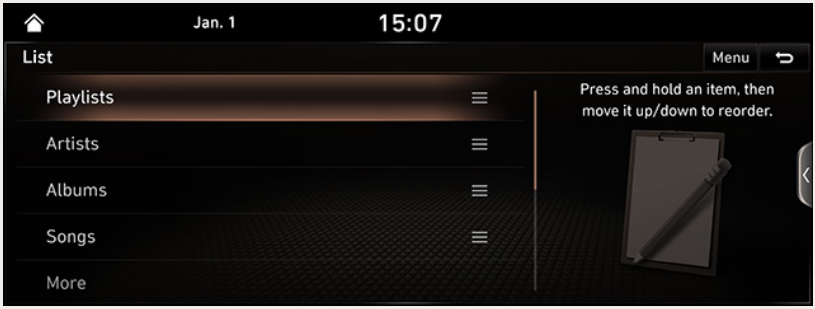
1. Press [List]. Or press [Menu] > [List].



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 an item, then move it up/down to reorder.

SHUFFLE

All files can be played randomly.
Press [Menu] > [Shuffle] from the playing screen.

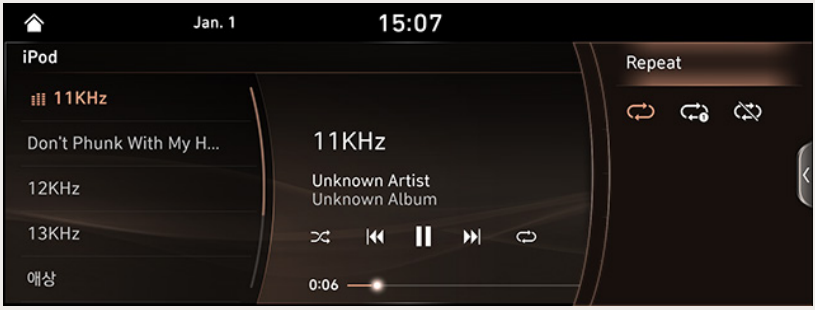
NOTE

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

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.

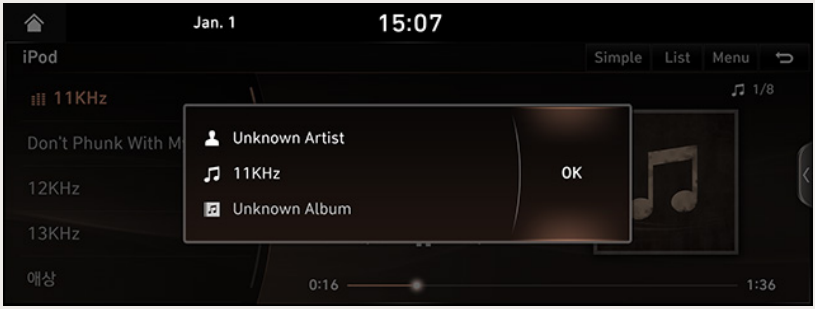
NOTE

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].

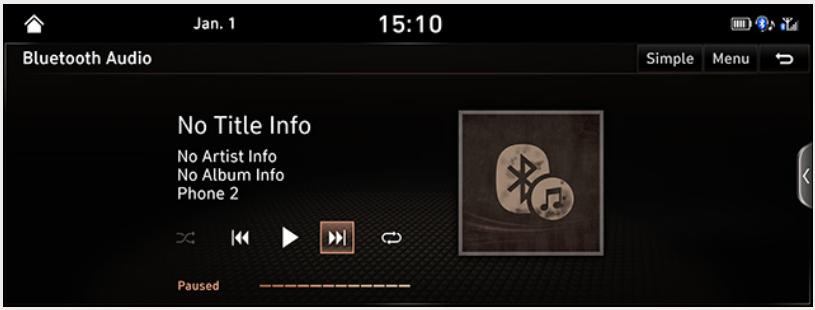
PLAYING BLUETOOTH® AUDIO

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 the "Pairing and connecting the unit and a Bluetooth phone" part.
- 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 paused.

STARTING THE BLUETOOTH® AUDIO

1. Press [HOME] or [] > [Media] > [Bluetooth Audio].
2. 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	• Press [⏮/⏭]. • Pressing [⏮] after 3 seconds of playback time plays the current file from the beginning.

NOTE

This feature may not be supported on some Bluetooth devices.

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.
   - [Repeat All]: Repeats all files.
   - [Repeat One]: Repeats the current file.
   - [Repeat Off]: Cancels the repeat function.

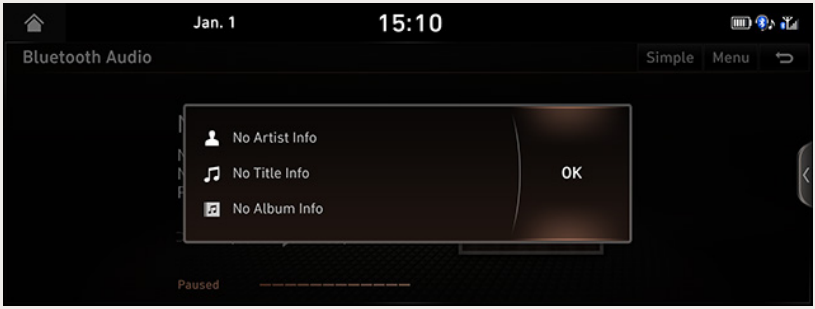
NOTE

- 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.

RADIO

LISTENING TO FM/AM RADIO

1. Press [RADIO] on the head unit. Or press [HOME] 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 [< SEEK >] on the Rear Seat control key. When a frequency is received, searching stops.

MANUAL TUNING

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

PRESET TUNING

Select the preset 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].

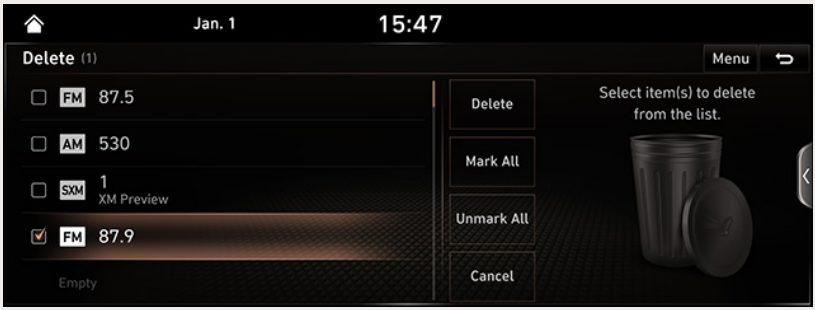
4. Press [Save].
   The frequency is saved.

NOTE

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

DELETING FM/AM PRESETS

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



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

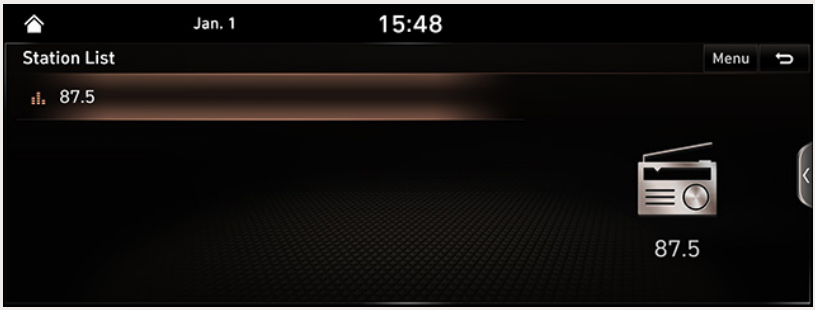
NOTE

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.

REORDERING FM/AM PRESET

This function reorders the frequency saved to presets.

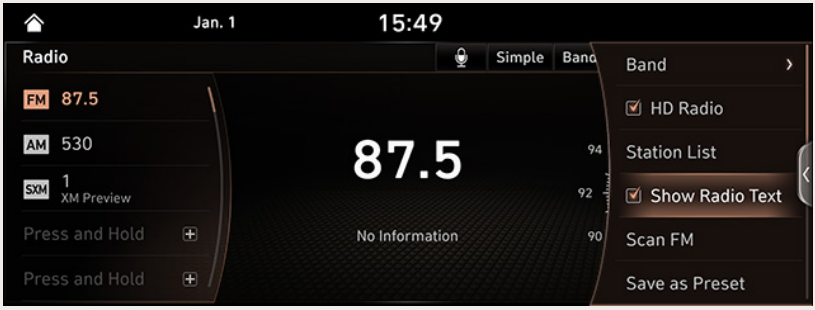
1. Select the band (FM, AM) you want.
2. Press [Menu] > [Reorder Presets].

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].

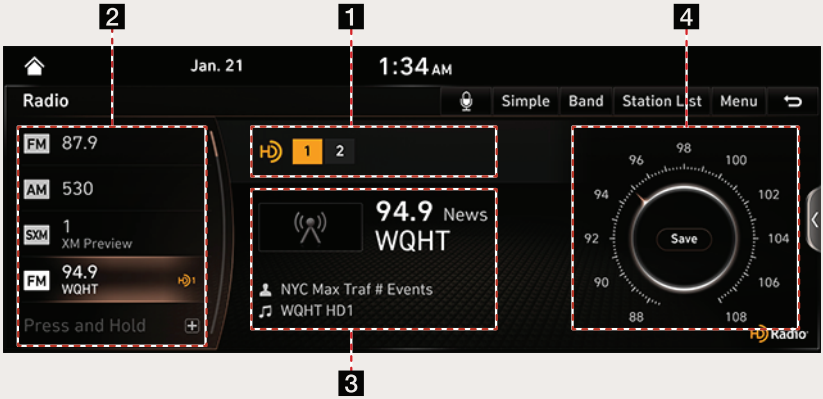


3. Pressing the [Show Radio Text] again will cancel the function.

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. (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.

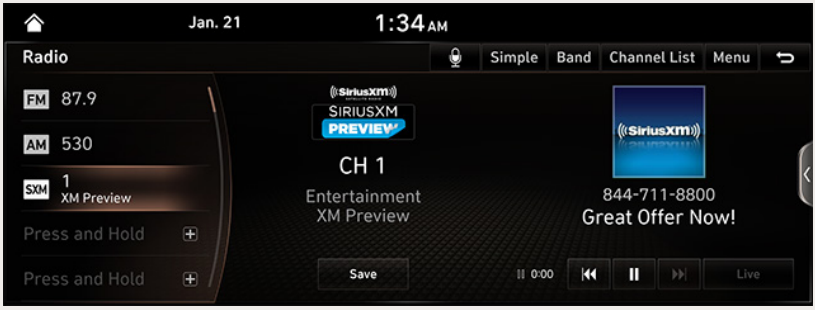
2. Press [Menu] > [HD Radio] on the screen. The HD radio will be off and switch to analog broadcast.

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.

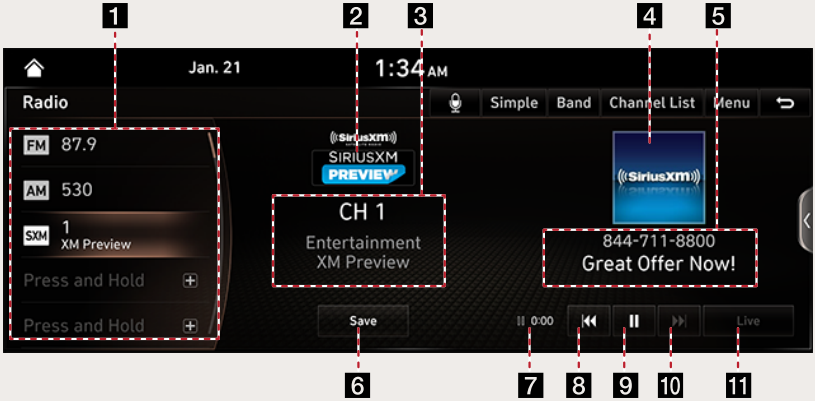
LISTENING TO SIRIUSXM™ RADIO

1. Press [RADIO] on the head unit. Or press [HOME] 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.

Smart Favorites

SXM supports 10 smart favorites. It is buffered 1 hour for the currently tuned channel (Instant Replay) and at least 1/2 hour for each of the 10 smart favorites.

2 Channel Logo

Displays the logo of the channel currently playing.

3 Channel Info

Displays the current channel number and name.

Category Info

Displays the category currently playing.

4 Album Art

Displays the current album art image.

5 Contents Info

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

6 Save

Saves the current channel as preset.

7 Time difference

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

8 ◀◀

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.

9 ▶/ II (Play/Pause)

Plays/Pauses the currently broadcasting program.

10 ▶▶

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

11 Live

Changes to the Live Broadcast mode.

SELECTING SIRIUSXM™ BROADCAST CHANNEL

SELECTING A CHANNEL THROUGH MANUAL SEARCH

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

SELECTING WITH CHANNEL UP/DOWN

Press [< SEEK >] on the Rear Seat control key.

- 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

1. Press [Menu] on the SiriusXM radio screen.

2. Press [Scan SXM Channels].

   Scans all receivable channels for 5 seconds each.

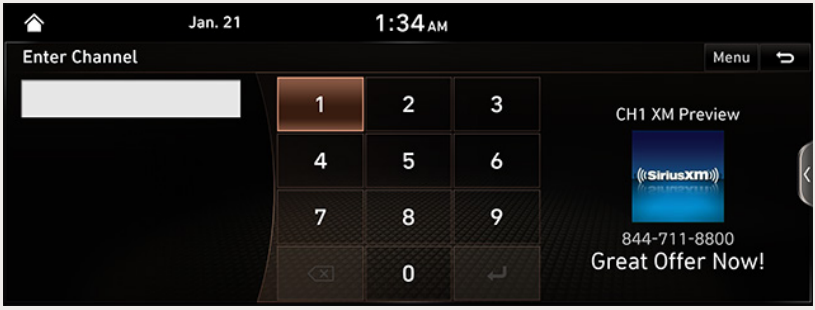
NOTE

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

ENTER CHANNEL

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

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

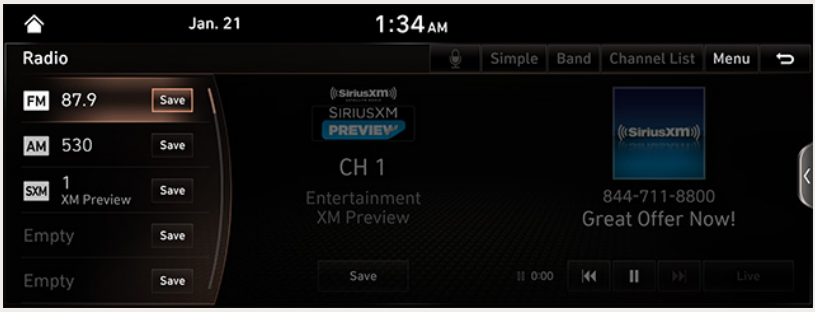


2. Enter the number of the channel you want to receive and press [↵].

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.

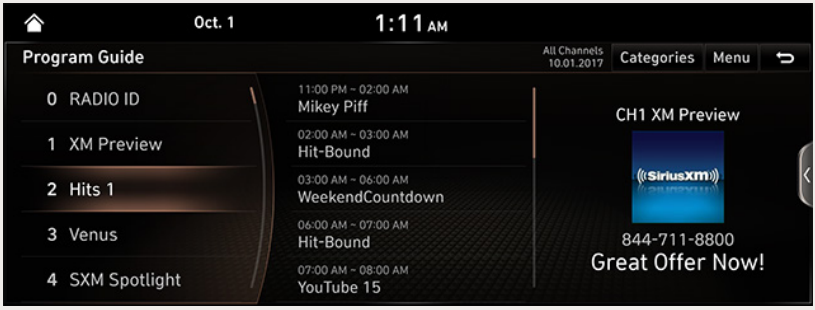
NOTE

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

PROGRAM GUIDE

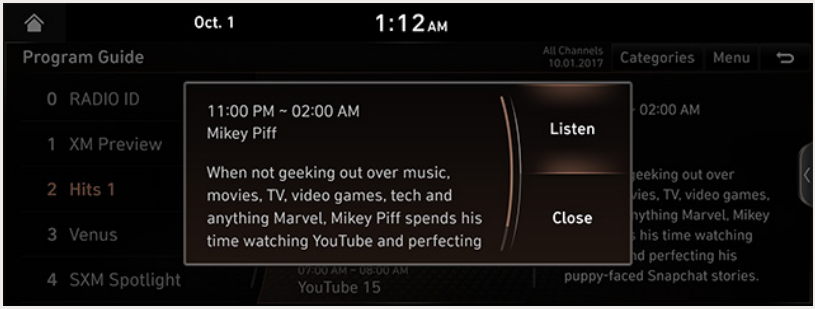
You can check the program information and the schedules of broadcast channels.

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

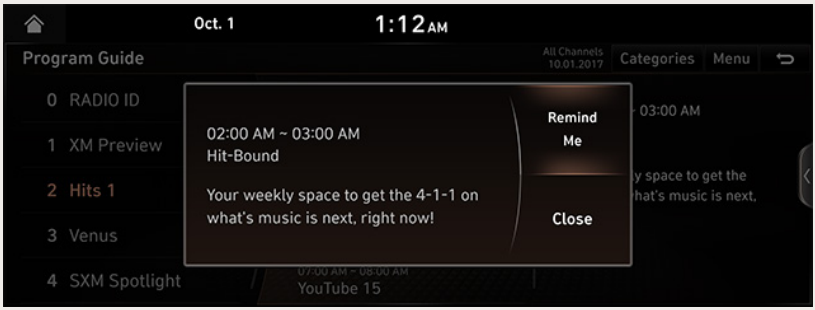


- Press [Categories] to search for category. Or Press [Menu] > [Category list].

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.

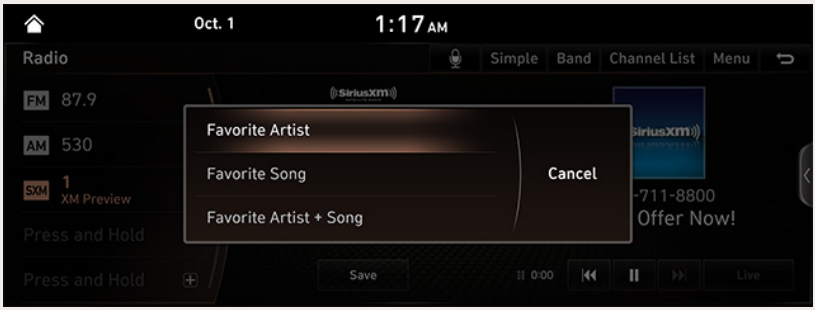
NOTE

Reminder time may be different from time set by user.

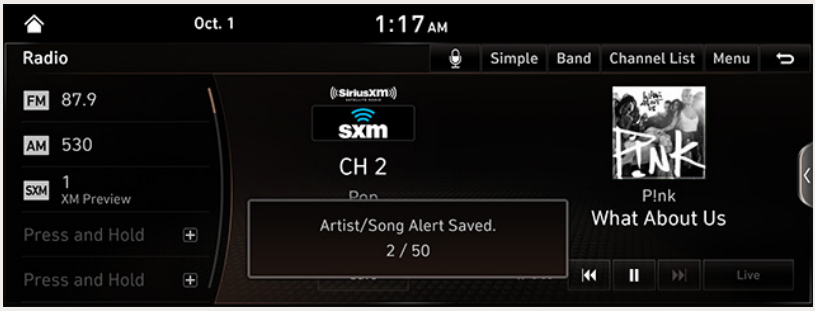
ADDING TO FAVORITES

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.

NOTE

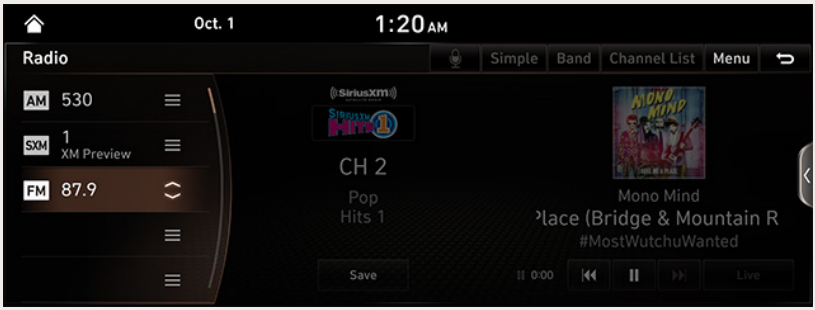
You can play the song or artist by selecting the desired item when the song or artist added in [Favorites] menu is playing on other channel.

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.

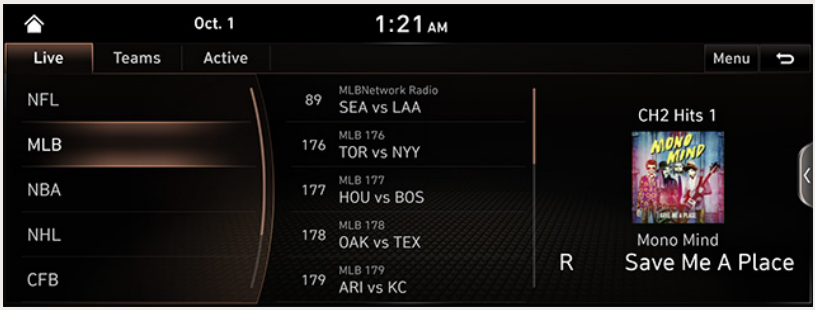
3. Press and hold a preset, then move it up/down to reorder.



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.



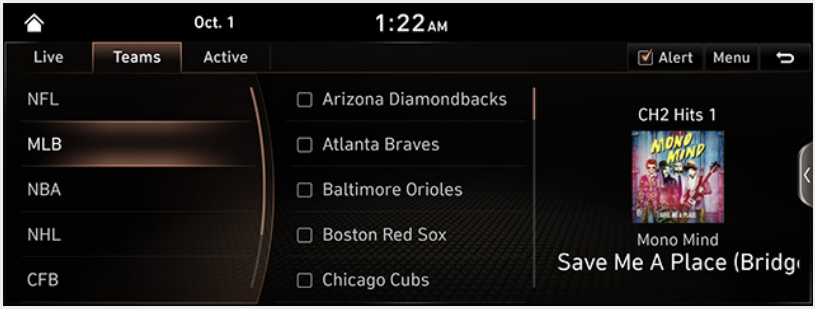
<Live broadcast mode>

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

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.

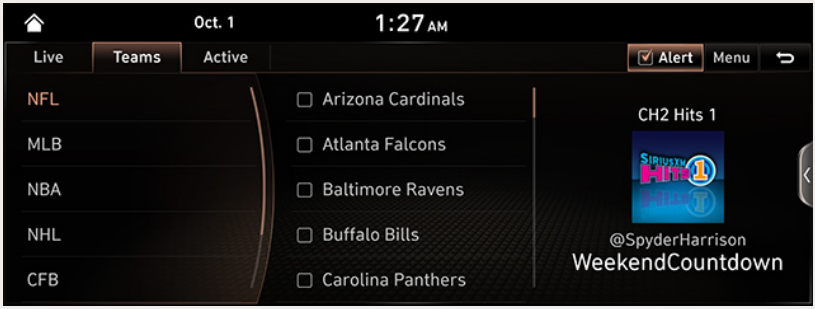
1. Press [Active] on the live broadcast mode.

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

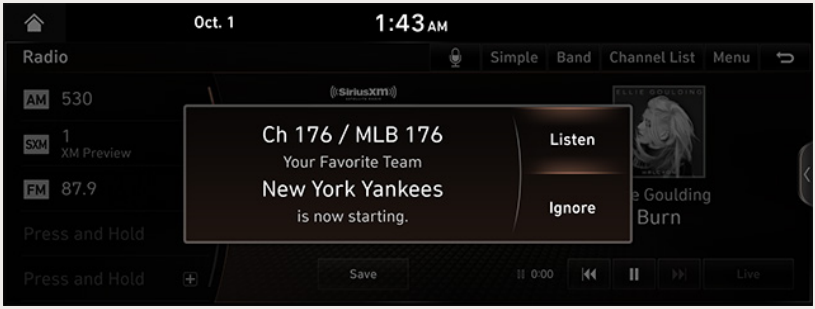
ALERT ON/OFF

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] screen.



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



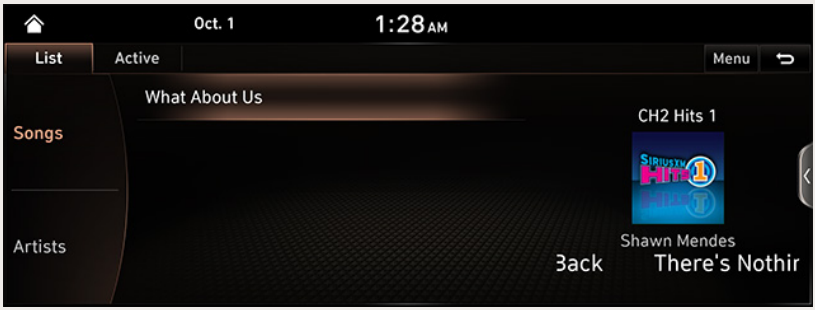
- [Listen]: Moves to the selected channel.
- [Ignore]: Moves to the previous screen.

FAVORITES

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

Add the song or artist in the [Favorites] menu.

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



<Favorites list>

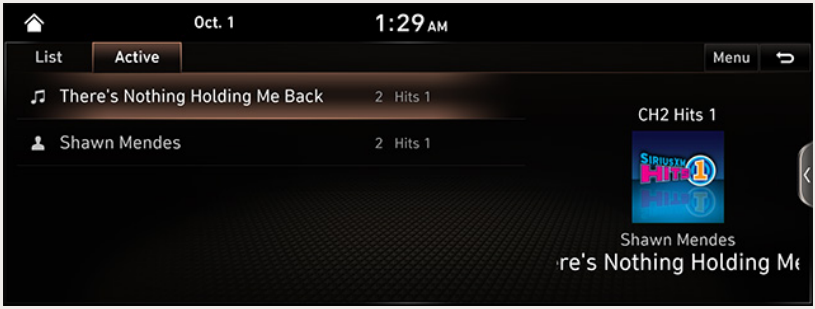
NOTE

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.

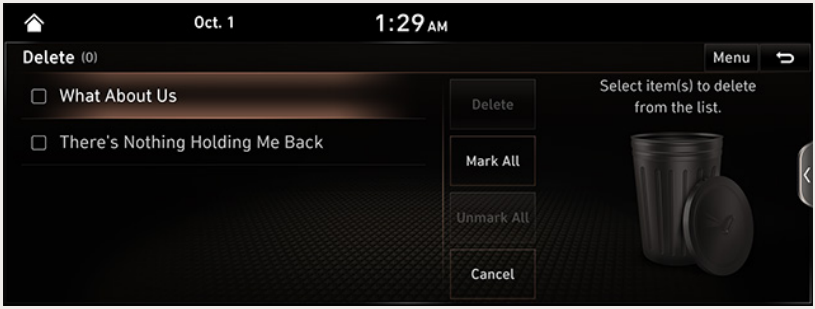
1. Press [Active] on the favorites list.



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

DELETING THE SONG OR ARTIST SAVED IN [FAVORITES] MENU

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

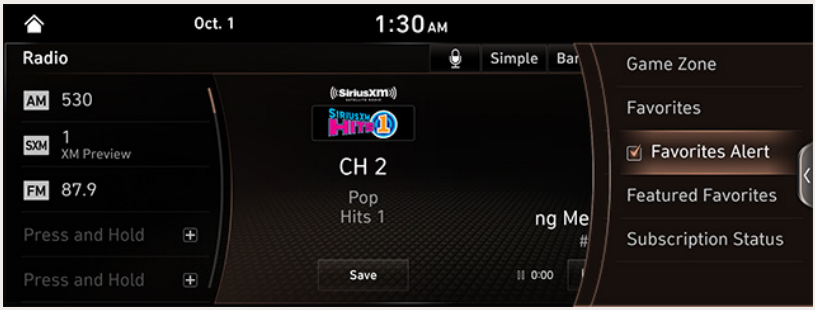


2. Select the desired item, then press [Delete].
   - [Mark All]: Marks all items.
   - [Unmark All]: Unmarks all items.
   - [Cancel]: Exits delete screen.

FAVORITES ALERT ON/OFF

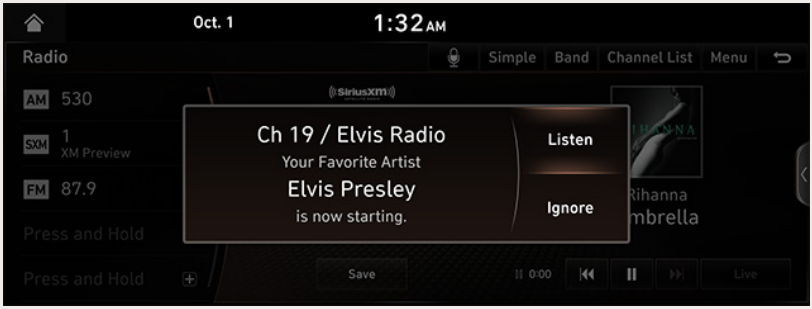
This feature sets whether to display the pop-up on the screen when the song or artist added in [Favorites] menu is playing on other channel.

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.

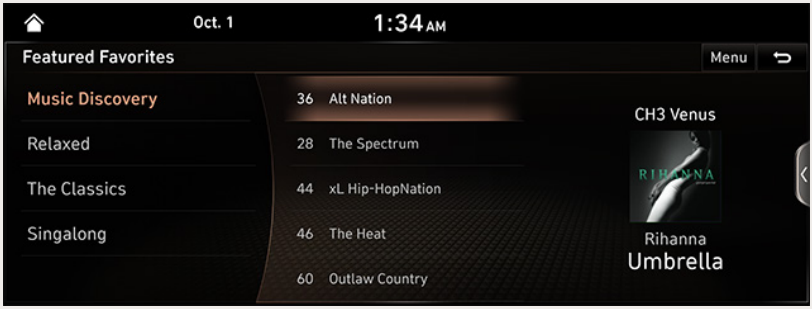


- [Listen]: Moves to the selected channel.
- [Ignore]: Moves to the previous screen.

FEATURED FAVORITES

Featured Favorites allows SiriusXM to broadcast additional presets.

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



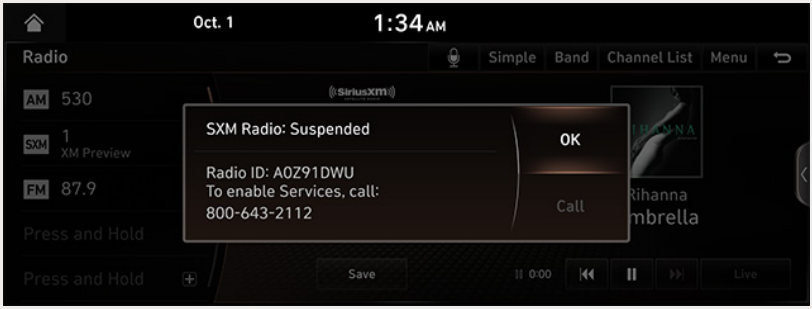
- Example 1 : “Martha’s Favorites” may represent Martha Stuart’s favorites presets on her radio.
- Example 2 : During holidays, “Holiday Music” may represent all the SiriusXM channels that are playing the holiday music for easy access by users

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

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.

PHONE

BLUETOOTH

BLUETOOTH® WIRELESS TECHNOLOGY

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 and 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. But, this is intended operation. You may ignore it if your iPhone has been connected to the head unit.

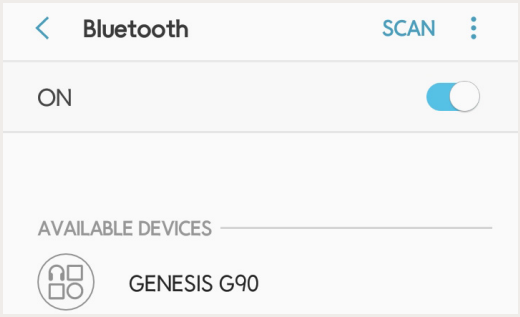
PAIRING AND CONNECTING THE UNIT AND A BLUETOOTH PHONE

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

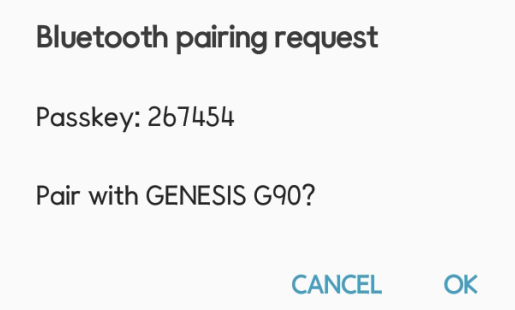
2. Search and select the vehicle name on Bluetooth device registration waiting screen. (The default vehicle name is GENESIS G90.)



<Example of Bluetooth device screen>

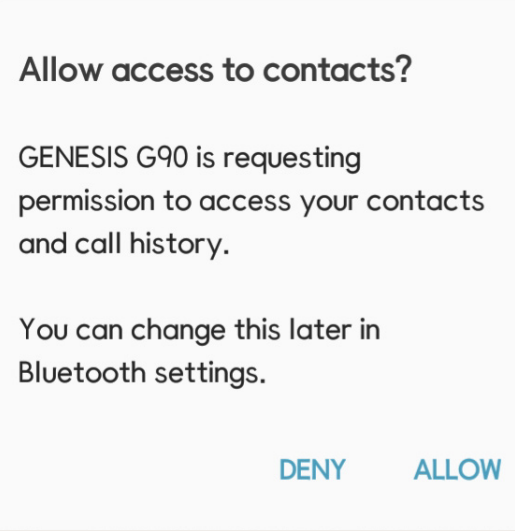
(The pop-up screen may differ from the actual information of the Bluetooth device.)

3. If SSP (Secure Simple Pairing) is supported, authorize the registration on the Bluetooth device.



<Example of Bluetooth Device Screen>

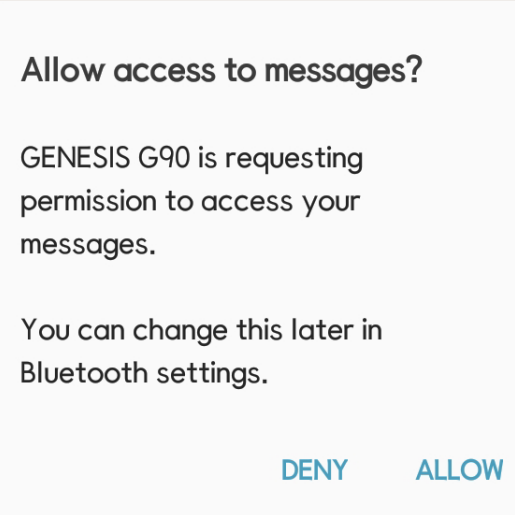
4. A message that approves the access request to the contacts and the call history of the Bluetooth device is displayed.



<Example of Bluetooth Device Screen>

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

5. A message that request for the access to messages of the Bluetooth device is displayed.

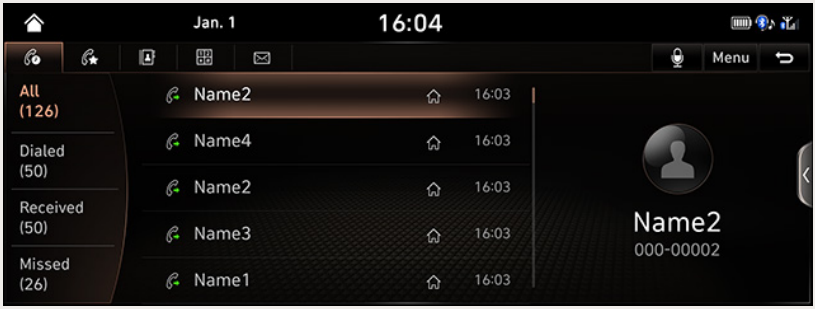


<Example of Bluetooth Device Screen>

NOTE

- The initial vehicle name is registered as [GENESIS G90] with the authentication passkey of '0000'.
- Depending on the Bluetooth device, authentication 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, process the registration after entering the authentication passkey 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.



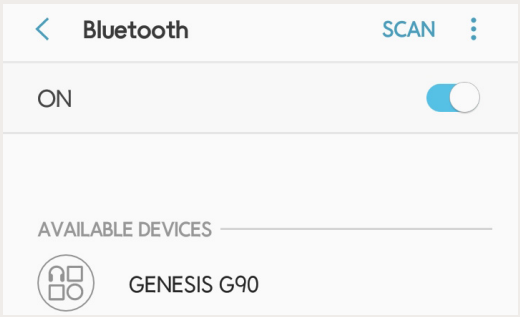
<Recent calls Screen>

WHEN A PHONE IS ALREADY PAIRED

1. Press [ ] > [Setup] > [Bluetooth] > [Bluetooth Connections].

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

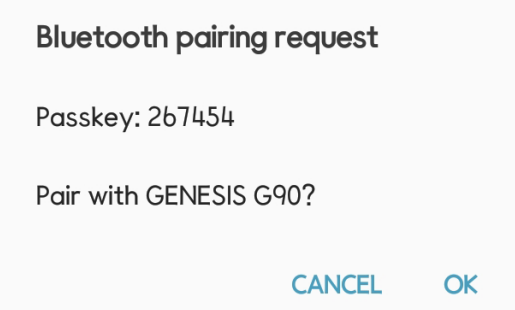
3. Search and select the vehicle name on Bluetooth device registration waiting screen. (The default vehicle name is GENESIS G90.)



<Example of Bluetooth device screen>

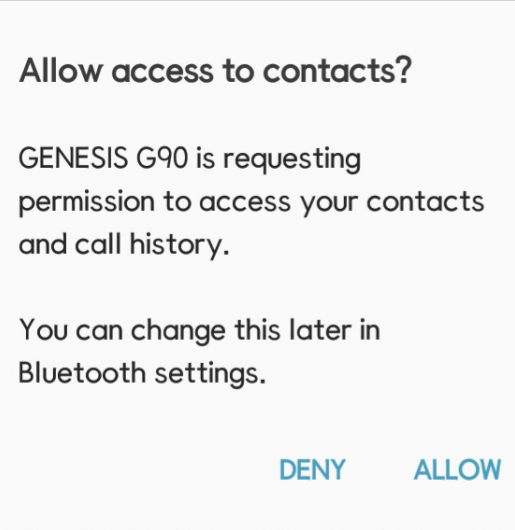
(The pop-up screen may differ from the actual information of the Bluetooth device.)

4. If SSP (Secure Simple Pairing) is supported, authorize the registration on the Bluetooth device.



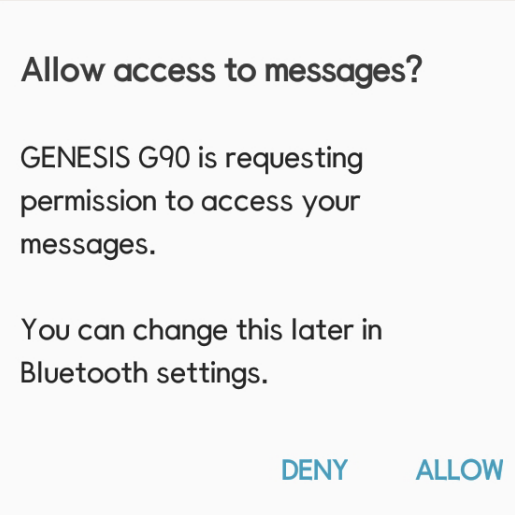
<Example of Bluetooth Device Screen>
(The pop-up screen may differ from the actual information of the Bluetooth device.)

5. A message that approves the access request to the contacts and the call history of the Bluetooth device is displayed.



<Example of Bluetooth Device Screen>
(The pop-up screen may differ from the actual information of the Bluetooth device.)

6. A message that request for the access to messages of the Bluetooth device is displayed.



<Example of Bluetooth Device Screen>

NOTE

- The initial vehicle name is registered as [GENESIS G90] with the authentication passkey of '0000'.
- Depending on the Bluetooth device, the authentication 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, process the registration after entering the authentication passkey on the Bluetooth Device.

7. When the connection is completed, the [Bluetooth Settings] screen is displayed on the screen. When the connection fails, a failure message is displayed on the screen.

<[Bluetooth settings screen>

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

1. Press [ ] on the steering wheel remote control or [Phone] on the HOME screen.
2. Press [Menu] > [Bluetooth Settings] > [Bluetooth Connections] on the screen.
3. Select the connected phone.

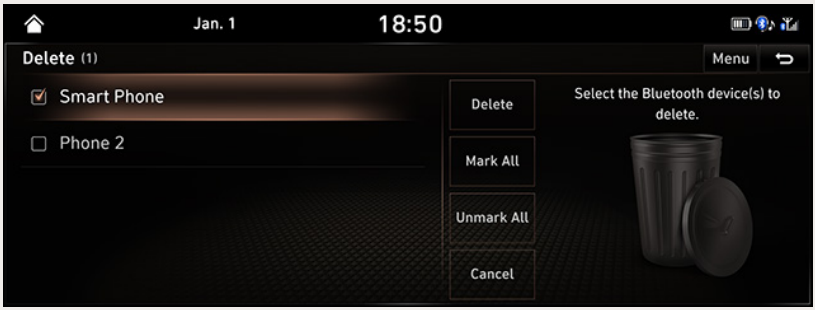
NOTE

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

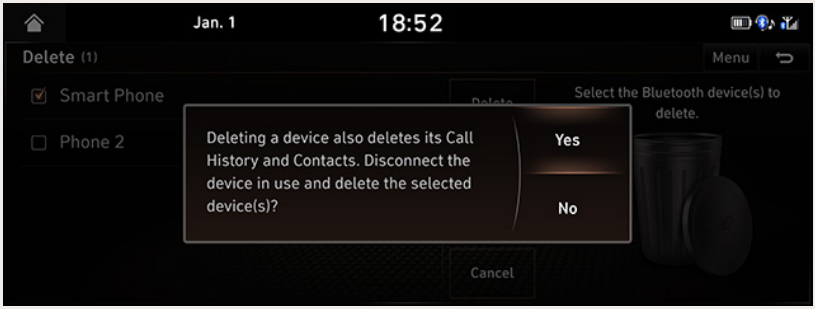
DELETING BLUETOOTH DEVICES

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.

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



4. Select the phone you want to delete and press [Delete].
   - [Mark All]: Marks all items.
   - [Unmark All]: Unmarks all items.
   - [Cancel]: Exits delete screen.
5. Press [Yes] on the pop-up screen.



BLUETOOTH SETTINGS

1. Press [ ] 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.

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>

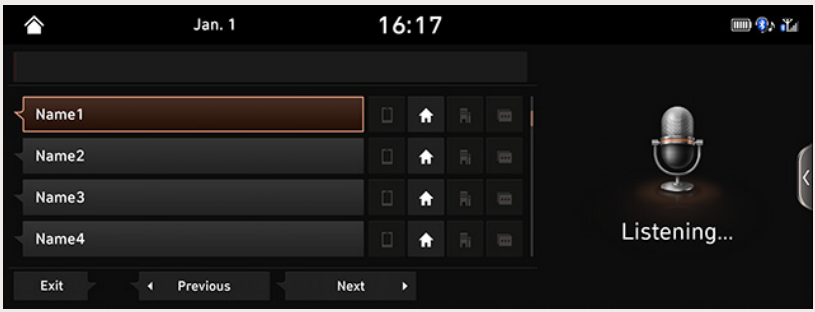
2. Enter the phone number using the keypad on the dial screen.
3. Press [ ] on the dial screen or [ ] on the steering wheel remote control.

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. If you hear a beep sound after voice guidance, say 'Name1'.

MAKING A CALL BY REDIALING

Press and hold [] on the dial screen or [] 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.

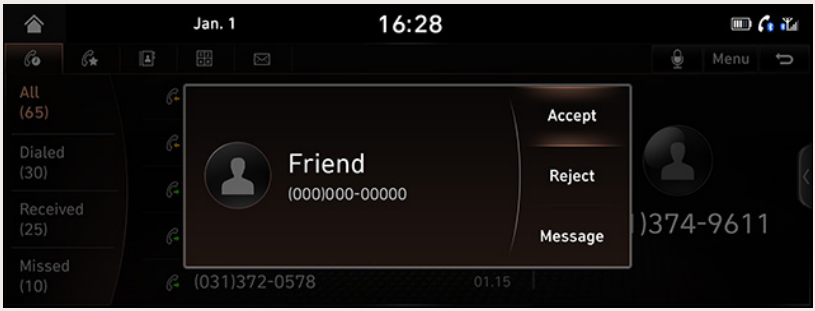
Only speed dial numbers already saved on the mobile phone can be used for speed dial calls. Up to 3-digit speed dial numbers are supported.

NOTE

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

ANSWERING/REJECTING A CALL

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

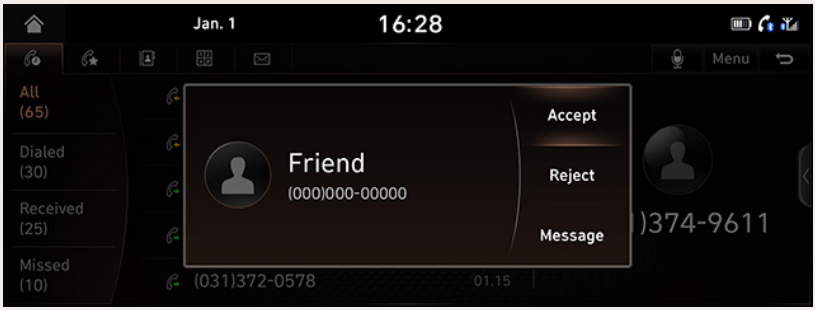


To reject a call, select [Reject].

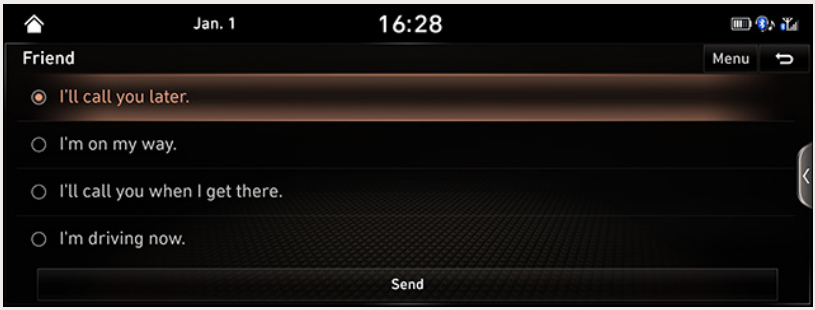
> **NOTE**
>
> - If the Call-ID service is available, the caller's phone number is displayed.
> - If caller's phone number is saved in the phone book, the caller's name is displayed on the unit.
> - Upon receiving a call, the [Reject] function may not be supported in some mobile phones.

RESPONDING WITH MESSAGES

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



2. Press [Message] to respond with messages



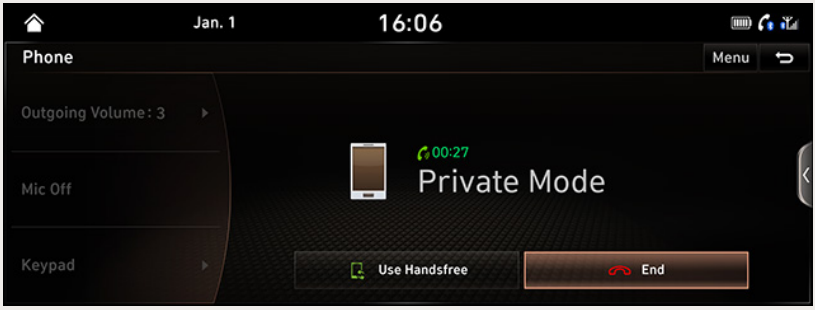
3. Select the desired message and press [Send].

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



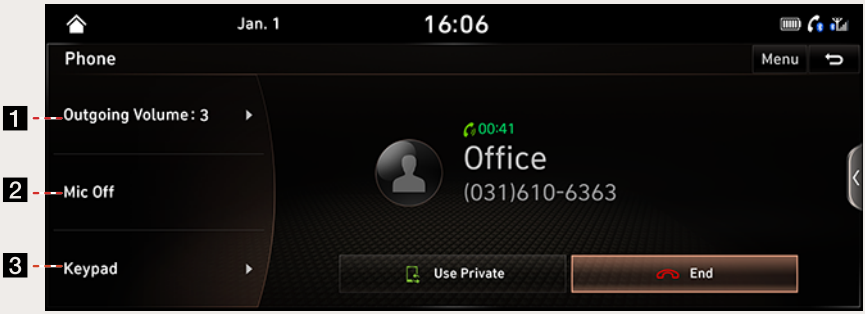
2. If you want to switch the call to the car handsfree while talking on the mobile phone, press [Use Hands-free]. The call is switched to the car handsfree.

ENDING A CALL

1. To end a call, press [End] on the screen or [ ] 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.

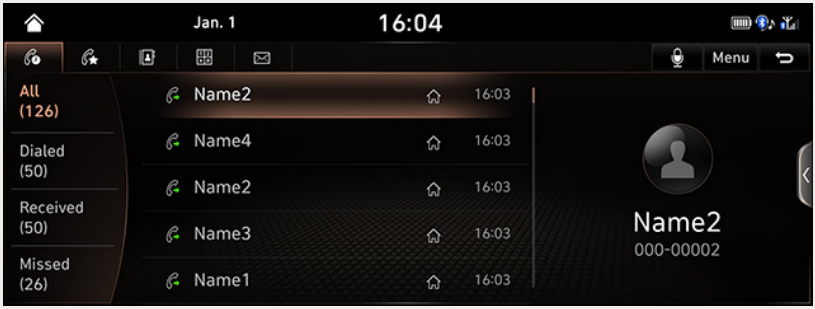
3 Keypad

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.

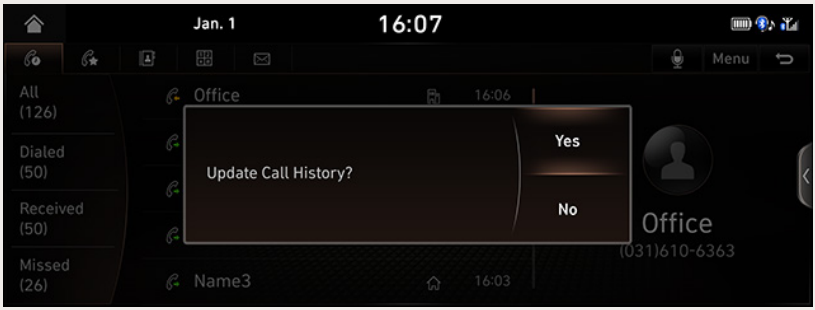
NOTE

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].

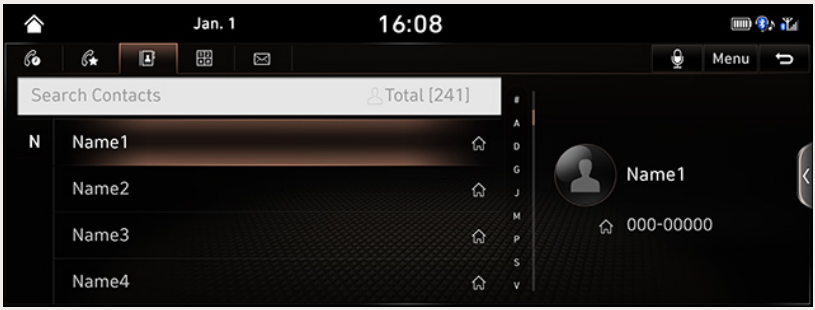
NOTE

- 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.



<Contacts screen>

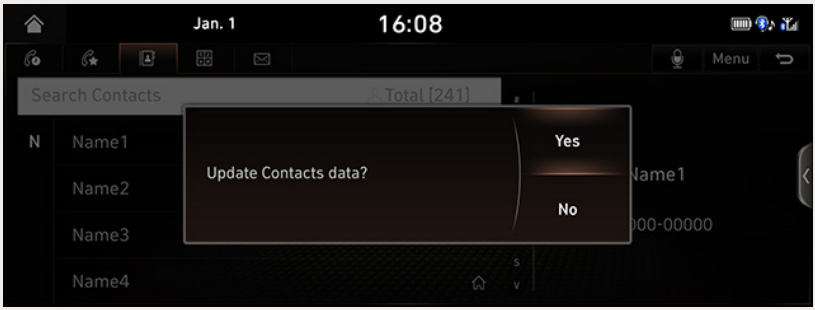
2. Press the phone number to make a call.

DOWNLOADING MOBILE PHONE CONTACTS

Up to 5,000 mobile phone contacts can be downloaded.

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.

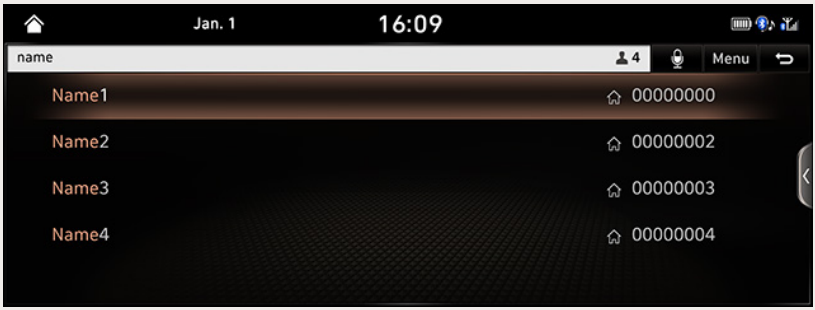
NOTE

- 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 [ ].



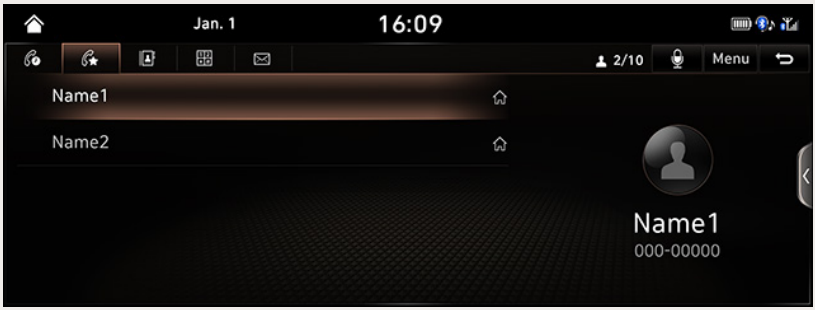
3. Select the contact you want to call.

FAVORITE CONTACTS

CALLING FAVORITES

If the phone number has been already stored in the Favorites, it can be easily called. First of all, add the phone number in the Favorites.

1. Press [ ] on the screen.



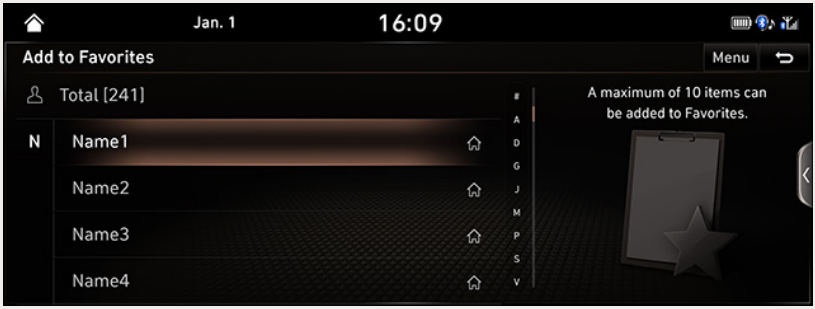
<Favorite screen>

2. Select the desired Favorite.

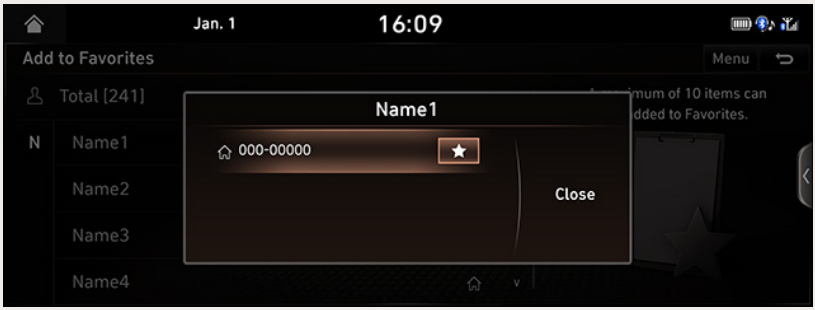
ADDING AS A FAVORITE

Up to 10 contacts can be added to favorites menu.

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



3. Select the contact from the list of contacts.



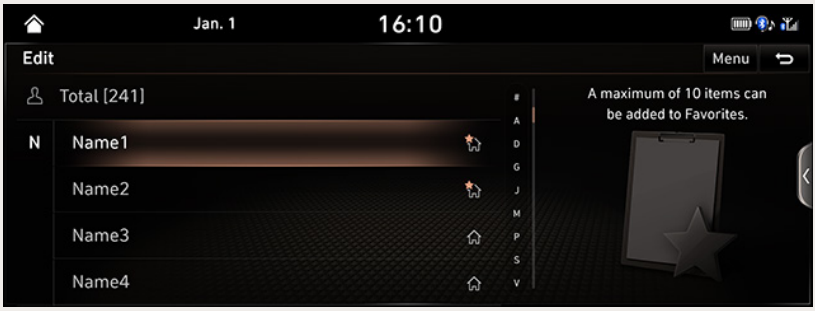
4. Press [ ] > [Close] > [ ].

NOTE

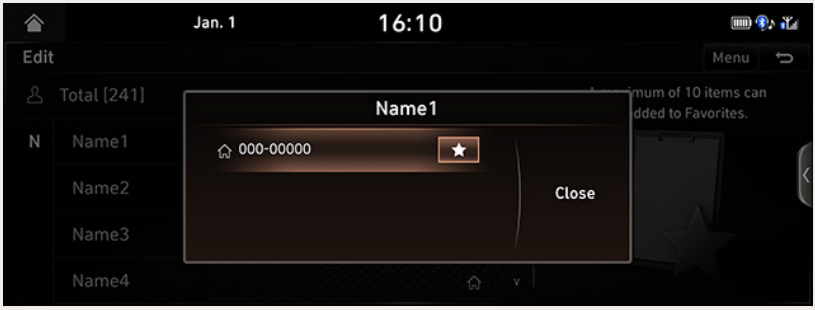
If the phone numbers have already been stored in the favorites, you can add or delete them by pressing [Menu] > [Edit].

EDITING FAVORITES

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



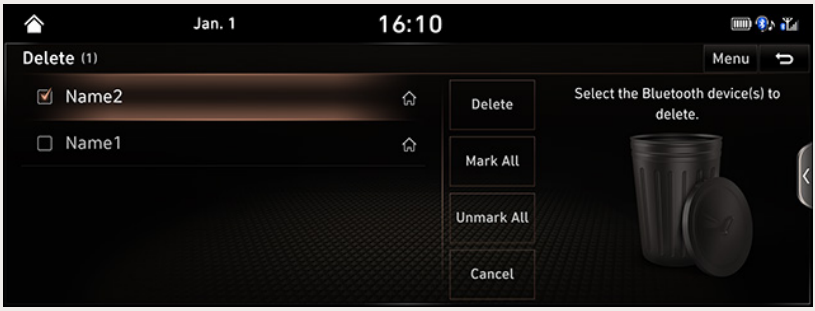
3. Select the contact to edit.



4. Press [ ] or [ ].
   - [ ]: Contact added to favorites.
   - [ ]: Contact not added to favorites.
5. Press [Close] > [ ].

DELETING FAVORITES

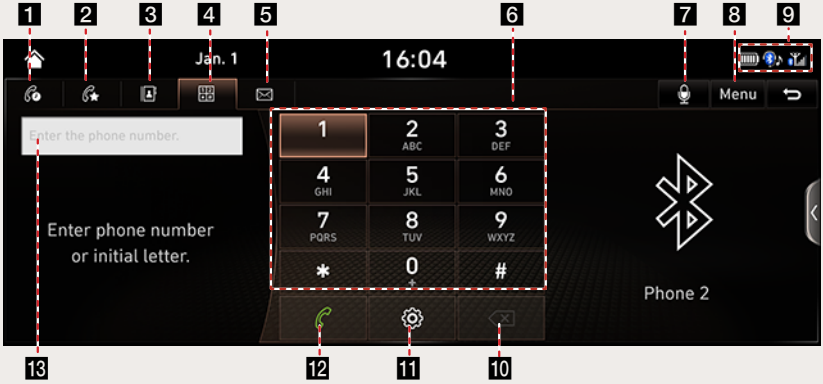
1. Press [ ] on the screen.
2. Press [Menu] > [Delete] on the Favorites screen.



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

DIAL SCREEN

Press [ ] on the screen.



1 (Recent calls)

Moves to recent calls screen.

2 (Favorites)

Moves to favorites Screen.

3 (Contacts)

Moves to contacts screen.

4 (Phone screen)

Moves to Bluetooth phone dial pad screen.

5 (Message)

Moves to message screen.

6 Dial pad

Enter the phone number you want to call. It will be displayed in the number entrance window.

7 (Voice Recognition)

Moves to Voice Recognition.

8 Menu

Displays popup menu of each mode.

9 (Mobile battery icon)

Specifies the remaining battery of mobile phone.

(Bluetooth connection icon)

Shows the connection status between Bluetooth phone and the head unit.

When the phone is connected and the phone call is made, Bluetooth icon ( ) switches to handset icon ( ).

(Reception level icon)

The reception level (sensitivity) of the calling area is specified in the bar graph.

10 **(Delete)**

Deletes the entered phone no.

11 **(Setting)**

Moves to Bluetooth setting screen.

12 **(Call)**

If there is a registered phone no., the call is connected. If there is no registered phone no., the most recent call number is entered.

13 **Number entrance window**

Opens phone number entrance window.

NOTE

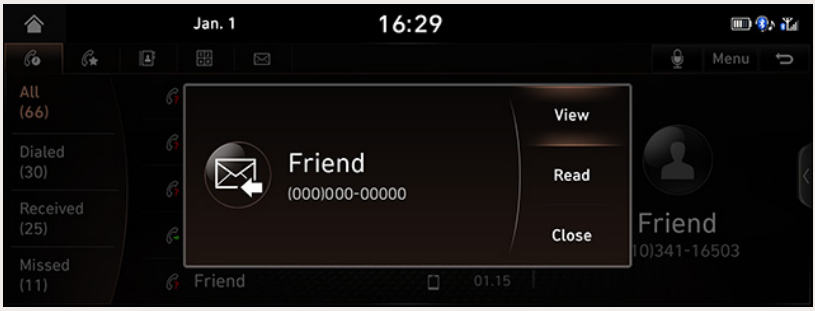
- Some mobile phone models may not support the icons of remaining battery and/or reception level.
- The remaining battery specified may differ in a little degree from the one specified on the phone.

MESSAGES

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

CHECKING NEW MESSAGES

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



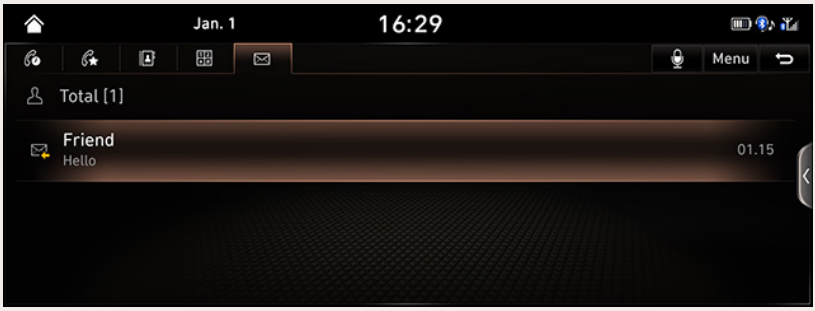
2. Select a desired item.
   - [View]: Moves to the message screen.
   - [Read]: Supports the message contents by voice.
   - [Close]: Closes the message pop-up.

NOTE

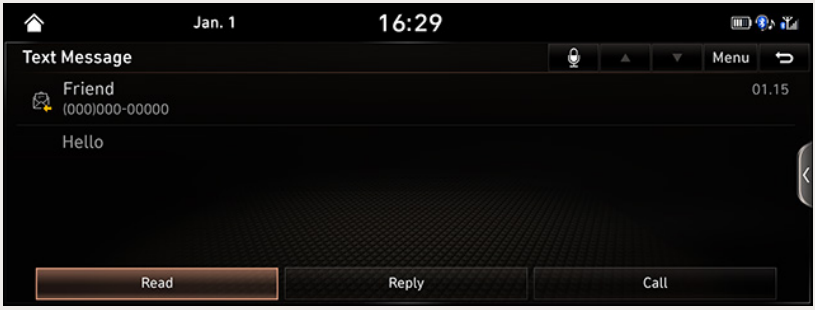
Change the setting of [Show Notifications] of the device connected in Bluetooth Setting of Mobile Phone to 'On'.

CHECKING NEW MESSAGE CONTENTS

1. Press [ ] on the screen.



2. Select a message.



3. Check the information on message.
   - [Read]: Supports the message contents by voice.
   - [Reply]: Replys 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, [Read], [Reply] and [Call] functions may not be supported.

SYSTEM

VEHICLE

This menu describes vehicle settings.

Depending on the condition of the vehicle controller, some menus may not be displayed.

HEAD-UP DISPLAY

1. Press [HOME] or [ ] > [Setup] > [Vehicle] > [Head-Up Display].

2. Select the desired items.

ENABLE HEAD-UP DISPLAY

It displays the head-up display information on the windshield.

DISPLAY CONTROL

You can adjust the [Display height], [Rotation], and [Brightness].

CONTENT SELECTION

You can set the display such as [Turn info], [Traffic Signs], [Driving assist info], [Lane safety info], [Blind-spot safety info].

SPEEDOMETER

- [Number size]: You can set the number size of the head-up display on the windshield to [Small], [Medium], or [Large].
- [Speedometer color]: You can set the speedometer color of the head-up display on the windshield to [Orange], [White], or [Green].

DRIVE MODE

1. Press [HOME] or [ ] > [Setup] > [Vehicle] > [Drive Mode].

2. Select the desired items.

CUSTOM

It configures the drive mode based on user selections.

Powertrain

- [ECO]: Selects the optimized mode for fuel efficient driving.
- [Comfort]: Selects the optimized mode for balance comfort driving.
- [Sport]: Selects the optimized mode for dynamic driving.
- [SMART]: Automatic adjustment-ECO/COMFORT/SPORT.

Steering

- [Comfort]: Selects the smooth steering wheel mode.
- [Sport]: Selects the agile steering wheel mode.

Suspension

- [Comfort]: Selects the optimized mode for balanced comfort.
- [SPORT]: Selects the optimized mode for dynamic driving.

AWD

- [ECO]: Selects the optimized mode for fuel efficient driving.
- [Comfort]: Selects the optimized mode for balanced comfort.
- [Sport]: Selects the optimized mode for dynamic driving.

SPORT MODE ACTIVE SOUND DESIGN

It configures the engine sound mode. Select [Strong], [Normal], [Minimised] or [Off].

DRIVE MODE CHANGE ALERT

The information, which will be shown whenever the drive mode is changed.

- [Detailed Alert]: A change of the drive mode is shown by an image of the vehicle.
- [Simple Alert]: A change of the drive mode is indicated by a short message on top of the screen.
- [Off]: A change of the drive mode is not indicated.

LATERAL SEAT SUPPORT ENHANCEMENT

Increases lateral seat bolster support when SPORT mode is selected.

ECO COASTING

Engine is decoupled from transmission during vehicle coasting for better fuel economy in ECO and SMART drive modes.

LIGHTS

1. Press [HOME] or [ ] > [Setup] > [Vehicle] > [Lights].

2. Select the desired items.

AMBIENT LIGHT

It sets the ambient light.

- [Brightness]: It sets the brightness of ambient light.
- [Color]: It sets the color of ambient light.

ONE TOUCH TURN SIGNAL

The number of times the turn indicator flashes when the turn signal lever is moved slightly. Select [3 flashes], [5 flashes], [7 flashes] or [Off].

HEADLIGHT DELAY

After the ignition is turned off, the lights turn off after approximately 15 seconds.

DOOR/TRUNK

1. Press [HOME] or [ ] > [Setup] > [Vehicle] > [Door/Trunk].

2. Select the desired items.

AUTO LOCK

It selects a condition for all doors to be locked automatically. Select [Enable on speed], or [Enable on shift].

AUTO UNLOCK

It selects a condition for all doors to be unlocked automatically. Select [vehicle Off], [On shift to P] or [Off].

2 PRESS UNLOCK

All doors are unlocked when the unlock button on the key is pressed twice.

POWER TRUNK OPENING HEIGHT

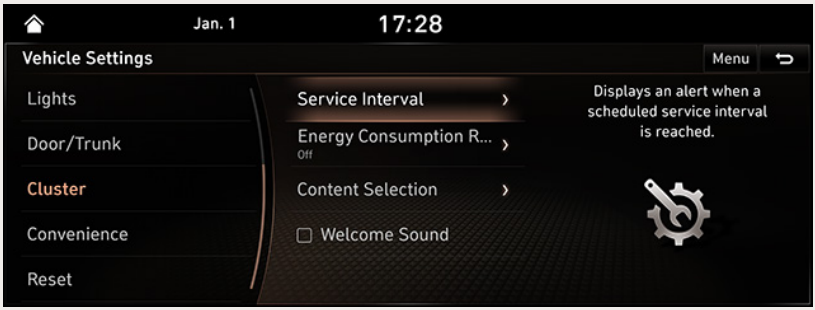
Select the opening height of the power trunk. Select [100%] or [50%].

SMART TRUNK

The trunk lid will automatically open when approaching the trunk with the smart key.

CLUSTER

1. Press [HOME] or [ ] > [Setup] > [Vehicle] > [Cluster].



2. Select the desired items.

SERVICE INTERVAL

Mark [Enable Service interval]. An alert is displayed when a specified service interval is due.

- [Distance]: It sets service interval distance to (mi).
- [Duration]: It sets service interval period to (days).
- [Reset]: It initializes service interval.

ENERGY CONSUMPTION RESET

It selects a condition for automatically resetting the fuel economy average.

- [After Ignition]: It resets the fuel economy average automatically every time you turn on the ignition.
- [After Refueling]: It resets the fuel economy average automatically every time you refuel.
- [Off]: It turns off fuel economy average auto reset time point.

CONTENT SELECTION

It selects the content to be displayed in the cluster.

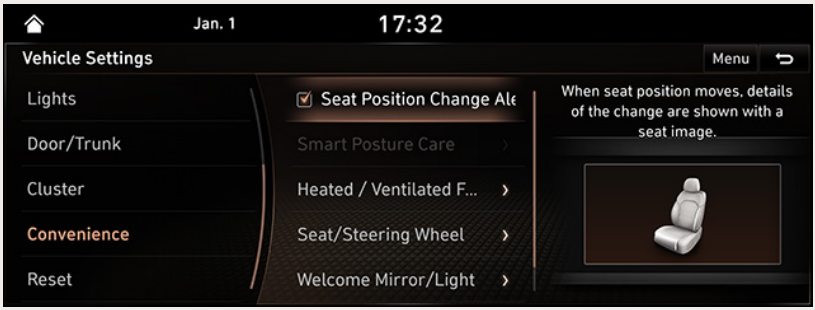
- [Gear Position Pop-up]: It displays a pop-up when gear position is changed.
- [Wiper/Lights Display]: It displays wiper/light mode screen when controlling wiper/light levers.
- [Traffic Signs]: It displays traffic information such as speed limits.
- [Icy Road Warning]: A warning is given, when the outside temperature is below 4°C and the road conditions may be icy.

WELCOME SOUND

Greeting chime when the cluster turns On or Off.

CONVENIENCE

1. Press [HOME] or [ ] > [Setup] > [Vehicle] > [Convenience].



2. Select the desired items.

SEAT POSITION CHANGE ALERT

It displays the information on the changing of the seat position.

SMART POSTURE CARE

The smart posture care suggests driving postures based on body type and displays the results of clinical testing on the back.

- [Enter driver's information]: Set the height, the pants inseam length and the weight.
- [Save Current Posture]: Select [Driver 1] or [Driver 2].

HEATED/VENTILATED FEATURES

- [Auto Comfort Control]
  - [Seat Warmer/Ventilation]: Driver seat warmer/ventilation adjusts automatically to maintain driver comfort.
  - [Steering Wheel Warmer]: Steering wheel warmer adjusts automatically to maintain driver comfort.
- [Auto Heater Control]
  - [Steering Wheel]: Steering wheel warmer is automatically reduced for proper temperature.
  - [Driver Seat]: Driver Seat warmer is automatically reduced for proper temperature.
  - [Passenger]: Passenger Seat warmer is automatically reduced for proper temperature.
  - [Rear Left]: Rear Left Seat warmer is automatically reduced for proper temperature.
  - [Rear Right]: Rear Right Seat warmer is automatically reduced for proper temperature.

SEAT/STEERING WHEEL

- [Steering Wheel Easy Access]: Automatic movement of the steering wheel when the driver enters/exits the vehicle.
- [Seat Easy Access]: Movement distance of the seat when the driver enters/exits the vehicle. Select [Off], [Normal], or [Extended].

WELCOME MIRROR/LIGHT

- [Enable on Door Unlock]: The welcoming feature is enabled when the doors are unlocked.
- [Enable on Driver Approach]: The welcoming feature is enabled when the driver approaches the vehicle with the Smart key.

WIRELESS CHARGING SYSTEM

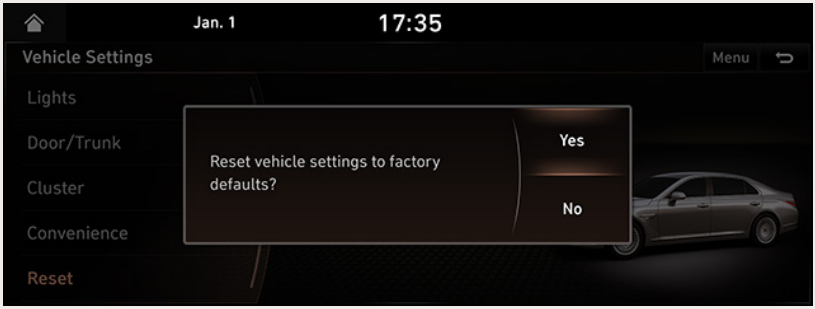
Wireless charging pad is enabled to be used with compatible devices.

- [Front]: Mobile phones that support wireless charging can be charged without a cable connection in front seat.
- [Rear]: Mobile phones that support wireless charging can be charged without a cable connection in rear seat.

RESET

This menu is used to reset [Vehicle] settings. Some items may not be reset.

1. Press [HOME] or [ ] > [Setup] > [Vehicle] > [Reset].



2. Press [Yes].

NAVIGATION

This menu describes navigation settings.

DISPLAY

This menu is used to change the display environment settings.

1. Press [HOME] 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

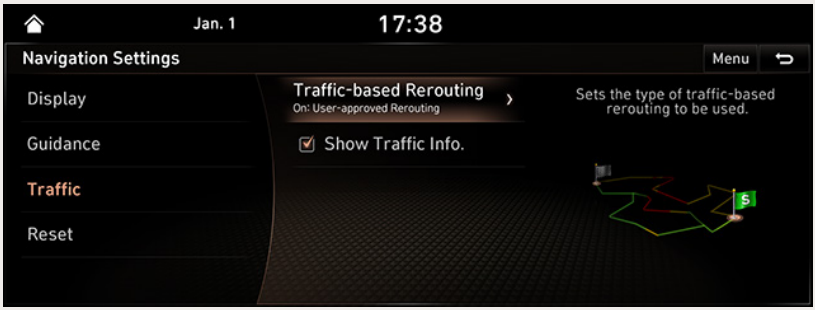
This menu is used to change the guidance settings.

1. Press [HOME] 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 Guidance Distance]: Sets the method used to display distances in the turn-by-turn directions display. Select [Distance from Vehicle] or [Distance btwn Turns].
   - [Navigation Guidance Priority]: Sets whether to lower all other audio volumes when Navigation prompts are playing.
   - [Map Auto-scale Settings]: Sets the scales for each vehicle speed zone. For example, when you select "700ft" for the 21-40 mi/h zone and "0.25 mi" for the 41-60 mi/h zone, the unit interval for the map scale on the navigation screen becomes 700ft when the vehicle speed is 40 mi/h and 0.25 mi when the vehicle speed is 41mi/h.

TRAFFIC

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

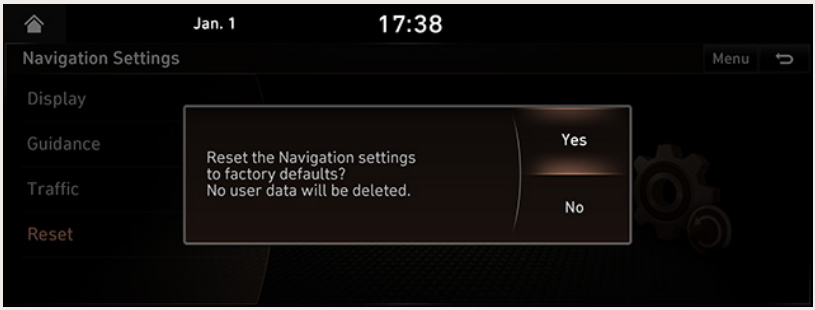


2. Select the desired item.
   - [Traffic-based Rerouting]: Sets the type of traffic-based rerouting to be used.
   - [Show Traffic Info.]: Shows traffic information.

RESET

This menu is used to reset all [Navigation] settings.

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



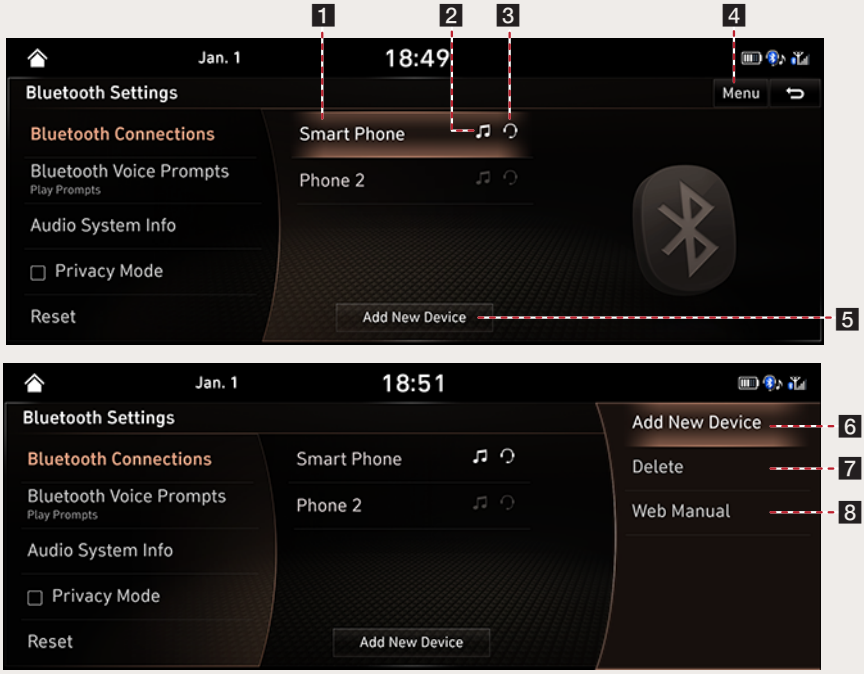
2. Press [Yes].

BLUETOOTH

This menu describes Bluetooth settings.

BLUETOOTH CONNECTIONS

Press [HOME] or [ ] > [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 Bluetooth audio connection status

An icon appears when you make a Bluetooth audio connection.

3 Bluetooth hands-free connection status

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

4 Menu

Displays the [Bluetooth Settings] menu.

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.

8 Web manual

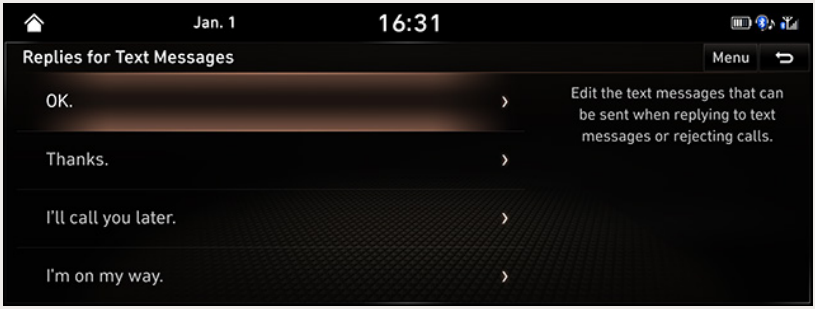
Displays the QR code for the manual of corresponding function.

PREDEFINED MESSAGES

You can check and change the predefined messages.

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

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



3. Select the desired message.

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

NOTE

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

BLUETOOTH VOICE PROMPTS

1. Press [HOME] 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

This menu allows you to control additional Bluetooth® Wireless Technology related settings.

1. Press [HOME] 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.

VEHICLE NAME

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

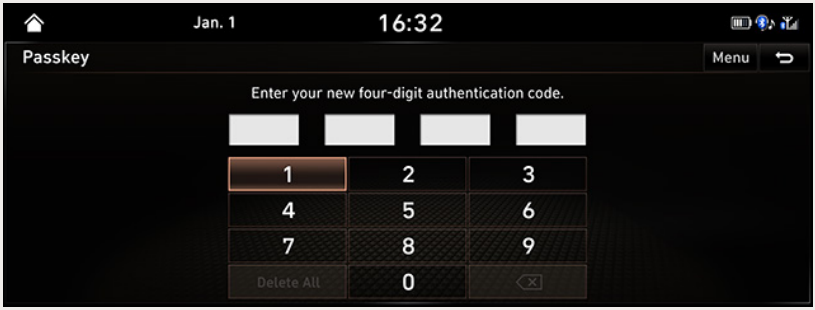
2. Input the desired name using the keypad, then press [↵].

> **NOTE**
> The default vehicle name is set to GENESIS G90.

PASSKEY

The passkey is a 4-digit authentication code used for a Bluetooth connection between the mobile phone and car system. The default passkey is set to 0000.

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

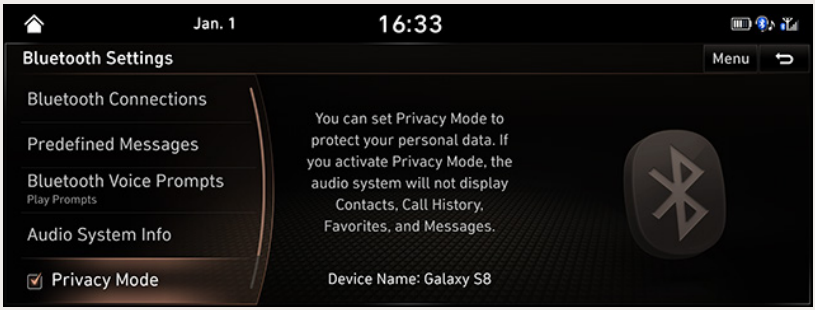


2. Change the authentication code using the keypad if needed.

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] or [⌂] > [Setup] > [Bluetooth] > [Privacy Mode].

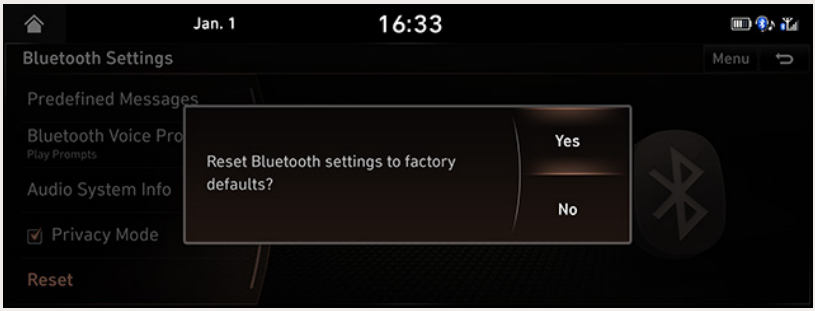


2. Mark or unmark [Privacy Mode].

RESET

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

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



2. Press [Yes].

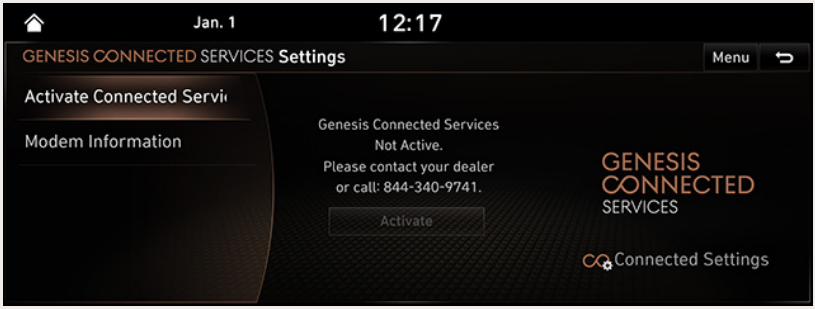
CONNECTED SETTINGS

This menu describes Connected Services settings.

ACTIVATE CONNECTED SERVICES

This menu is used to activate the Connected Services.

1. Press [HOME] or [ ] > [Setup] > [Connected Services] > [Activate Connected Services].



2. Select [Activate].

NOTE

If activation fails, contact the Connected Center at (844) 340-9741.

MODEM INFORMATION

This menu is used to check the Modem Information.

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

PHONE PROJECTION

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

1. Press [HOME] 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

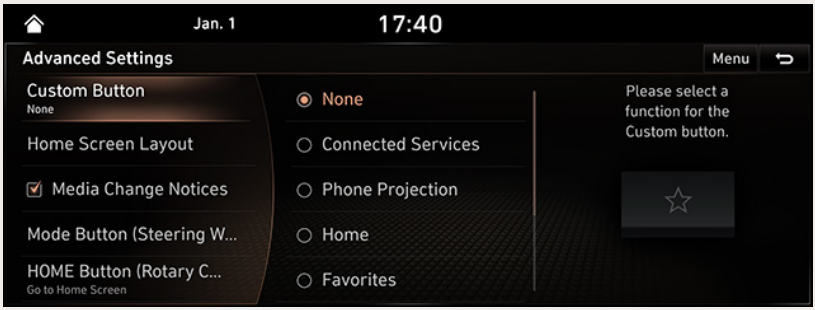
The [Phone Projection] settings cannot be changed while an external device is connected via USB.

ADVANCED

CUSTOM BUTTON

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

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

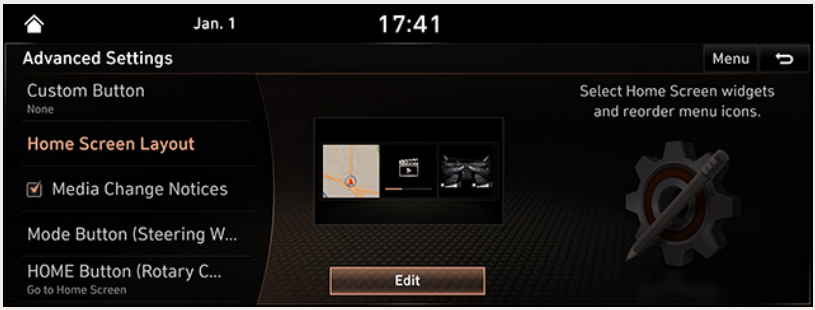


2. Press the desired feature.

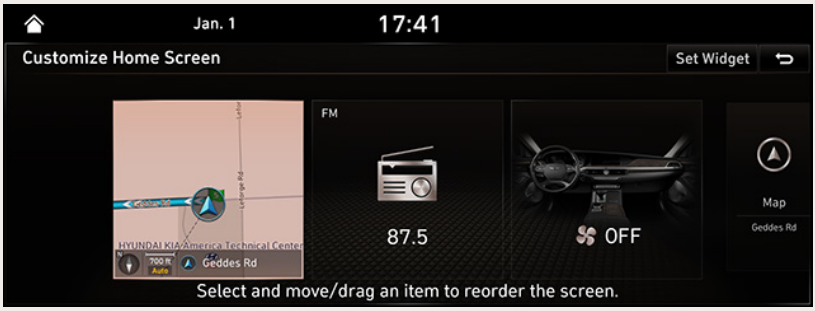
HOME SCREEN LAYOUT

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

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



2. Press [Edit].

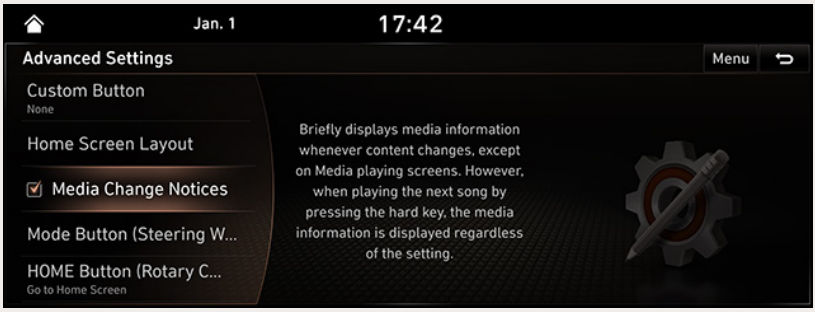


3. Press and drag an item to rearrange the screen.

MEDIA CHANGE NOTICES

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

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



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.

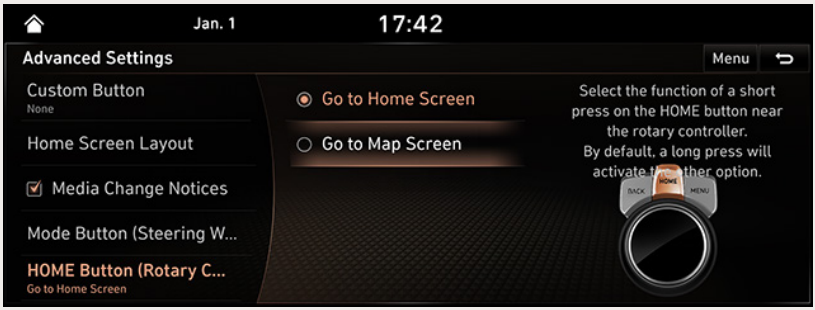
1. Press [HOME] or [] > [Setup] > [Advanced] > [Mode Button (Steering Wheel)].

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



2. Press the 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.

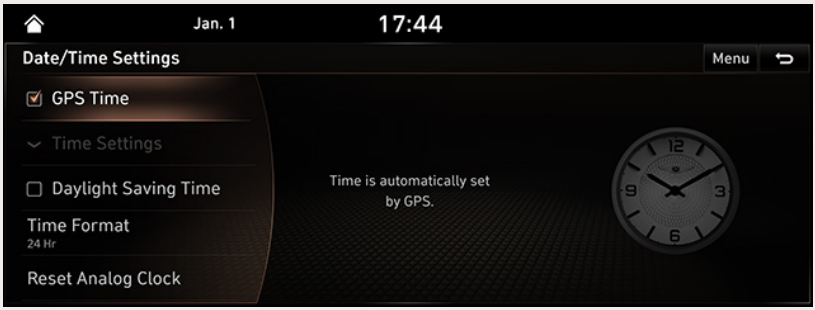
DATE/TIME

This menu describes Date/Time settings.

GPS TIME

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

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

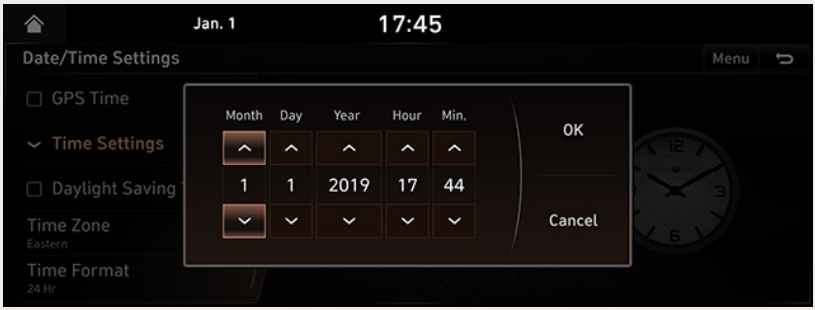


NOTE

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

TIME SETTINGS

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

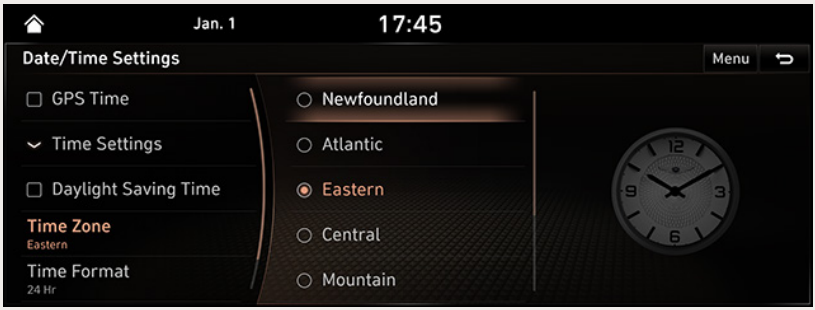
NOTE

- When [Daylight Saving Time] is turned on, the clock is adjusted forward one hour.
- The default settings of [Daylight Saving Time] is set to on.

TIME ZONE

This menu is used to select the time zone.

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

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

RESET ANALOG CLOCK

This menu is used to resynchronizes the dashboard analog clock to match the audio system's digital clock.

1. Press [HOME] or [] > [Setup] > [Date/Time] > [Reset Analog Clock].

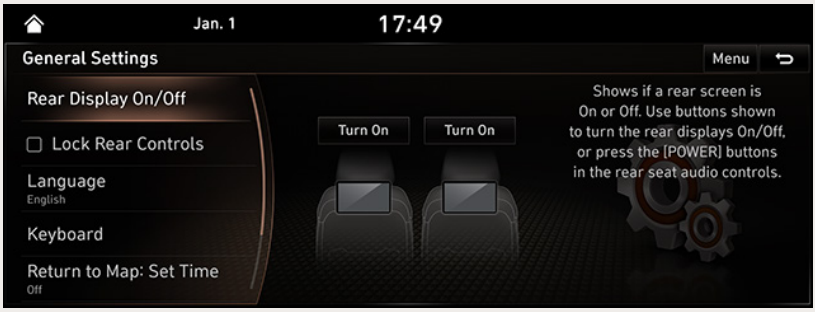
2. Select [Reset].

GENERAL

REAR DISPLAY ON/OFF (OPTION)

This menu is used to turn the screen for rear seat on/off.

1. Press [HOME] or [] > [Setup] > [General] > [Rear display On/Off].

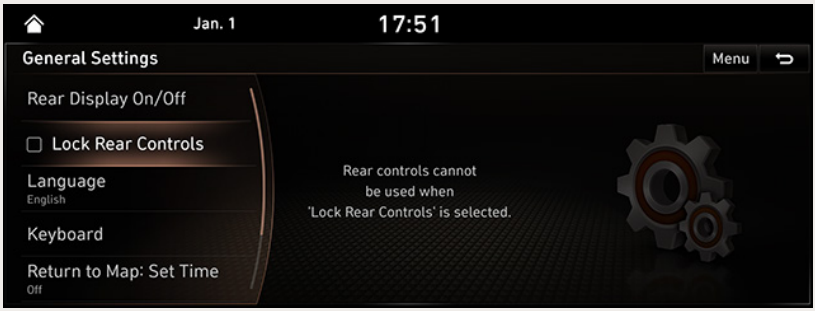


2. Press [Turn On] or [Turn Off].

LOCK REAR CONTROLS

This menu is used to disable the rear control.

Press [HOME] or [] > [Setup] > [General] > [Lock Rear Controls].



LANGUAGE

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

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

2. Select [Off], [5 sec], [10 sec] or [20 sec].

UNIT

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

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

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

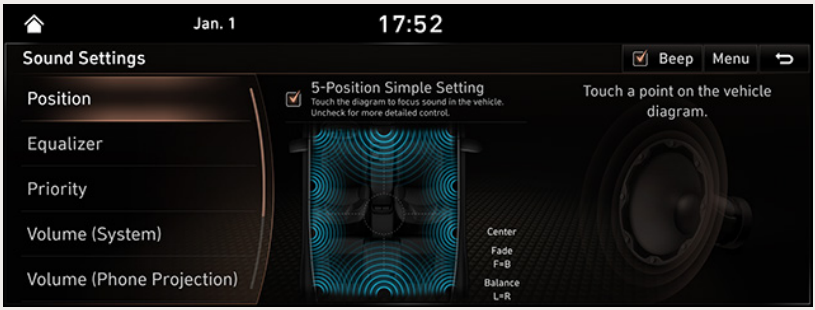
SOUND

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.

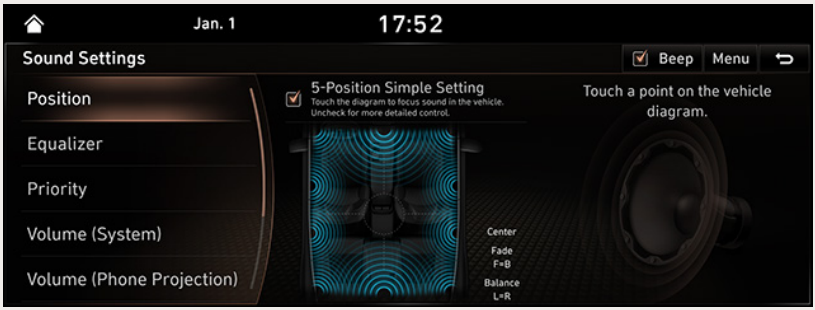
Press [HOME] or [ ] > [Setup] > [Sound] > [Beep].



POSITION

This menu is used to set the sound position. For example, you can set the sound close to the driver-seat so that the volume is relatively lower in the passenger or rear seats.

1. Press [HOME] 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/Midrange/Bass.

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

2. Adjust the Treble/Midrange/Bass.

NOTE

Press [Center] to reset the [Treble/Midrange/Bass] settings.

PRIORITY

This menu is used to set the volume ratio.

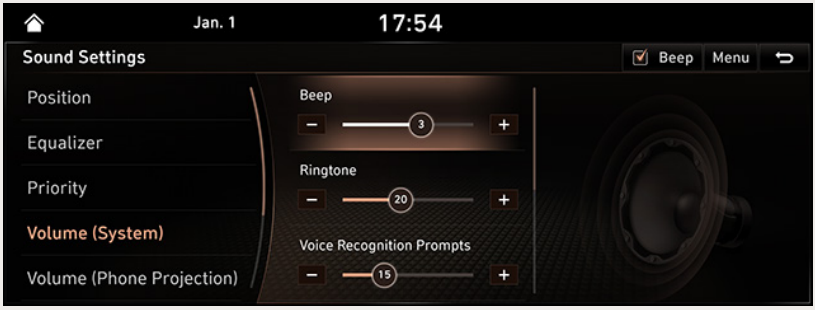
1. Press [HOME] or [⌂] > [Setup] > [Sound] > [Priority].

2. Select the desired item.
   - [Navigation Guidance]: Lowers all other audio volumes when Navigation prompts are playing.
   - [Proximity 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] or [⌂] > [Setup] > [Sound] > [Volume (System)].



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

VOLUME (PHONE PROJECTION)

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

1. Press [HOME] 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.

NAVIGATION VOLUME

This menu is used to set the navigation volume.

1. Press [HOME] 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.

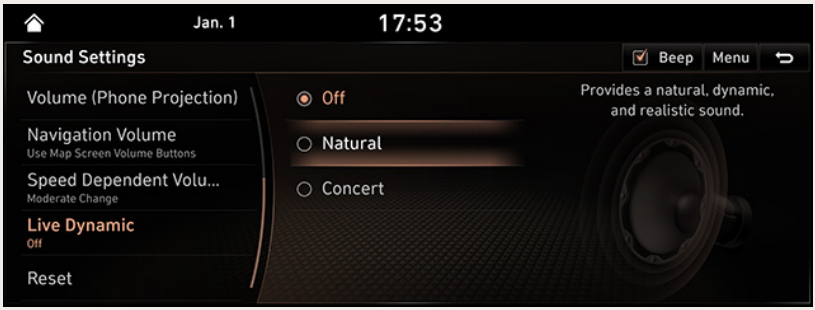
This menu is used to automatically control the audio volume according to the speed of the vehicle.

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

2. Select [Largest Change], [Moderate Change], [Smallest Change] or [Off].

LIVE DYNAMIC (OPTION)

1. Press [HOME] or [⌂] > [Setup] > [Sound] > [Live dynamic].



2. Select the desired item.
   - [Off]: Turns off the [Live dynamic] function.
   - [Natural]: Provides a natural, dynamic, and realistic sound.
   - [Concert]: Provides vivid sound that you would hear in a concert hall.

QUANTUM LOGIC SURROUND (OPTION)

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

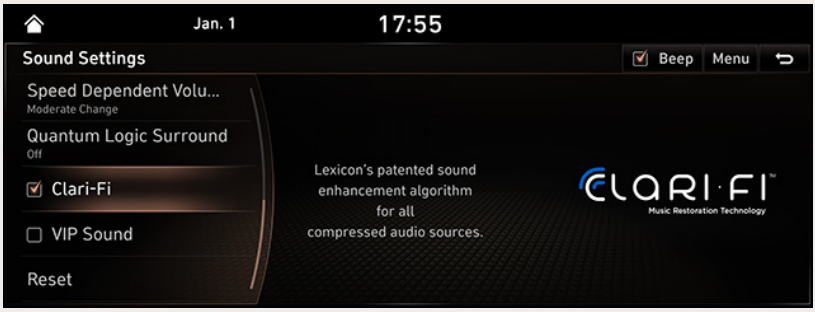
1. Press [HOME] or [⌂] > [Setup] > [Sound] > [Quantum Logic Surround].

2. Select the desired item.
   - [Off]: Turns off the [Quantum Logic Surround] function.
   - [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.

CLARI-FI (OPTION)

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

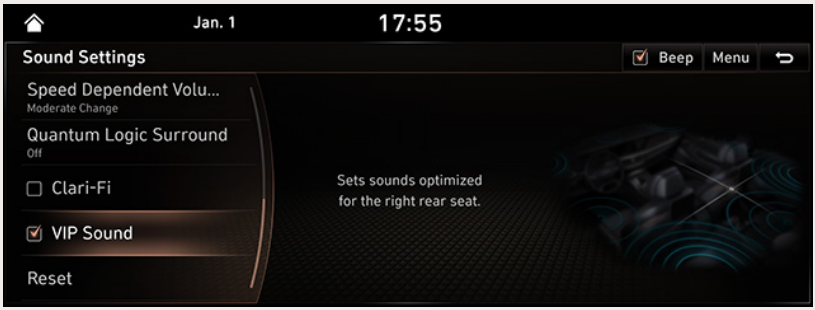
Press [HOME] or [] > [Setup] > [Sound] > [Clari-Fi].



VIP SOUND (OPTION)

This menu is used to set the optimised sound for the right rear seat.

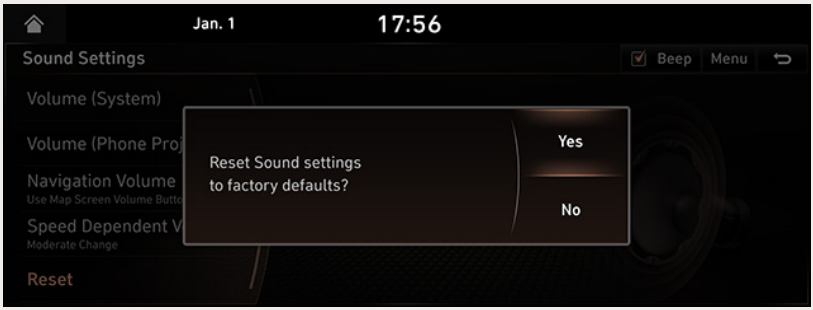
Press [HOME] or [] > [Setup] > [Sound] > [VIP sound].



RESET

This menu is used to reset all [Sound] settings.

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

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

ILLUMINATION

This menu is used to set the illumination.

1. Press [HOME] or [ ] > [Setup] > [Display] > [Illumination (Front Seat)] or [Illumination (Rear Seat)].

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

MODE

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

1. Press [HOME] 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.

ADJUST VIDEO

This menu can be set during video playback.

1. Press [HOME] or [ ] > [Setup] > [Display] > [Adjust Video].

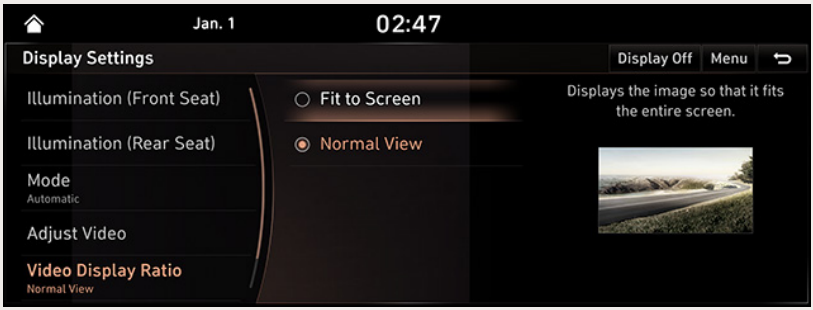
2. Select the desired options.
   - [Brightness]: Adjusts the brightness.
   - [Contrast]: Adjusts the contrast.
   - [Saturation]: Adjusts the saturation.

NOTE

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

VIDEO DISPLAY RATIO

1. Press [HOME] or [⌂] > [Setup] > [Display] > [Video Display Ratio].

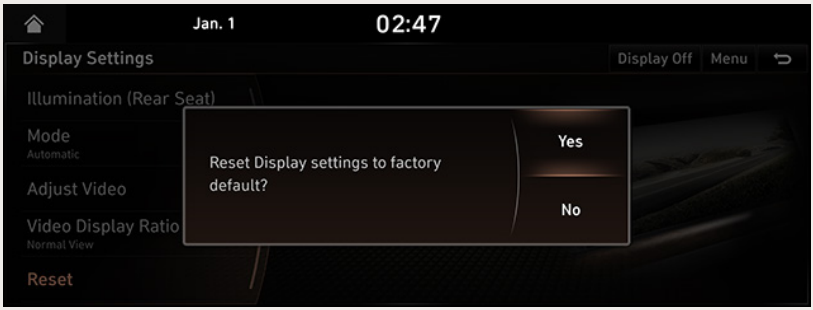


2. Select the desired option.
   - [Fit to Screen]: Displays the full screen.
   - [Normal View]: Displays the 4:3 screen with the black bar appeared at the left and right side.

RESET

This menu is used to reset all [Display] settings.

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

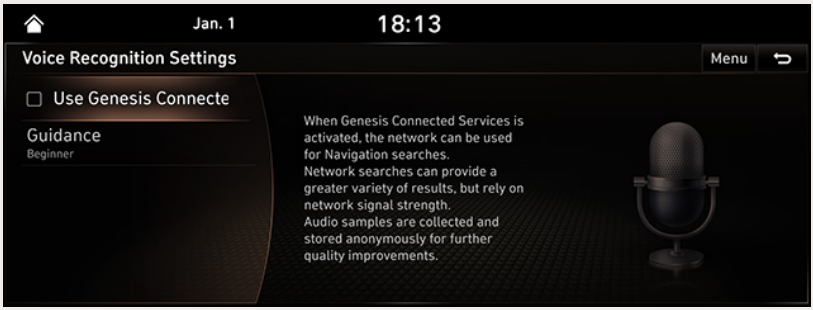


2. Press [Yes].

VOICE RECOGNITION

This menu describes voice recognition settings.

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



2. Select the desired item.
   - [Use Genesis Connected Services Network]: When Genesis Connected Services is activated, the network can be used for 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.
   - [Guidance] > [Beginner]: Voice Recognition guidance will provide detailed prompts.
   - [Guidance] > [Normal]: Voice Recognition guidance will provide brief prompts.
   - [Guidance] > [Expert]: Voice Recognition guidance will not provide any prompts. Only a beep will played.

SYSTEM INFORMATION CHECK AND UPDATE GUIDE

SOFTWARE INFORMATION

This menu is used to view the system information.

Press [HOME] or [ ] > [Web manual] > [Software Information]. Or Press [HOME] 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] or [] > [Web manual] > [Software Information]. Or Press [HOME] 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] or [] > [Web manual] > [Storage]. Or Press [HOME] or [] > [Setup] > [System Info] > [Storage].

WEB MANUAL

This menu is used to view the Web Manual.

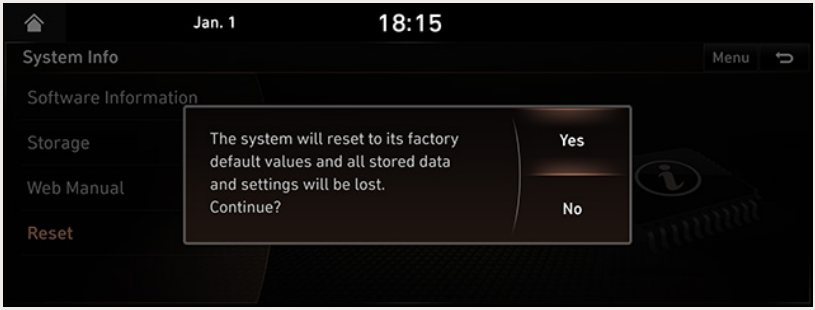
1. Press [HOME] or [] > [Web manual]. Or Press [HOME] or [] > [Setup] > [System Info] > [Web manual].

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] or [] > [Web manual] > [Reset]. Or Press [HOME] or [] > [Setup] > [System Info] > [Reset].



2. Press [Yes].

OTHERS

ABOUT PHONE PROJECTION

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 media 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.

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 infotainment 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

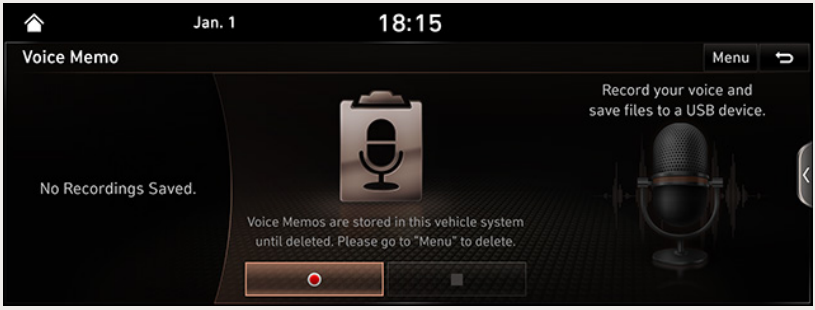
- Bluetooth phone/media features will be disabled when Apple CarPlay is activated. After removing the USB cable, these features will be available again.
- If Apple CarPlay is not activated even after a successful connection, follow these steps:
  - Check whether Apple CarPlay is disabled in the iPhone´s 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] or [ ] > [Voice Memo].



START

Press [ ] on screen. Record your voice.

PAUSE

Press [II] on screen.

STOP

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

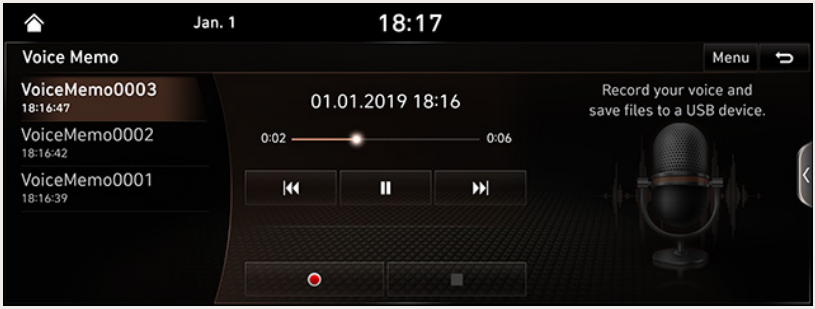
NOTE

- 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.

1. Press [HOME] or [⌂] > [Voice Memo].
2. 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 [⏮/⏭].
Rear Seat control key	Press [< SEEK >].

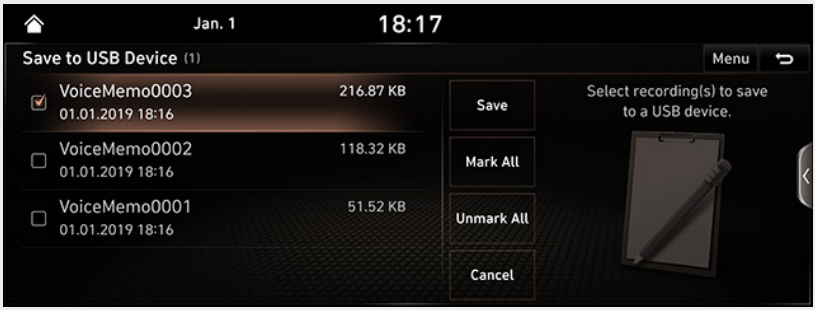
SEARCH

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.
Rear Seat control key	Press and hold [< SEEK >] and then release at the point you want.

SAVING THE VOICE MEMO TO USB DEVICE

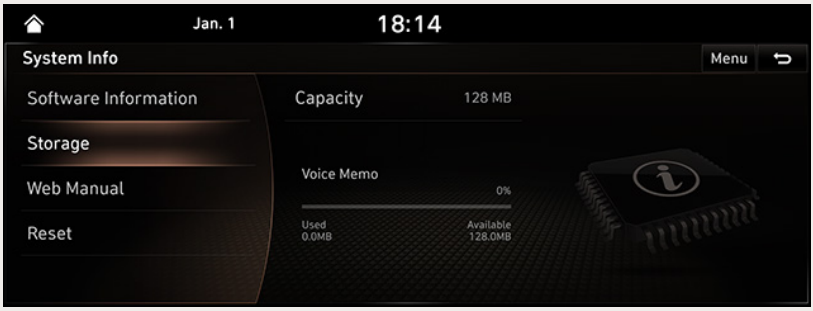
1. Connect an USB device to the USB port.
2. Press [Menu] > [Save to USB Device] on the voice memo screen.



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

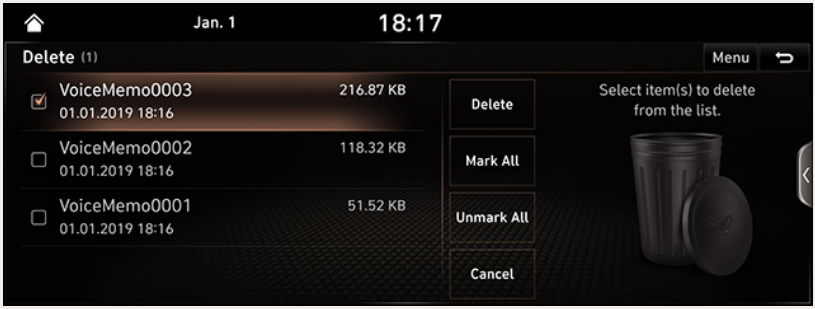
STORAGE INFORMATION

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]: Marks all items.
   - [Unmark All]: Unmarks all items.
   - [Cancel]: Exits delete screen.

VOICE RECOGNITION SYSTEM

WHAT IS VOICE RECOGNITION?

Voice recognition technology runs the system as ordered by recognizing your voice command to help with the operation of media 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.

STARTING VOICE RECOGNITION

1. Press [🎤] 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 4 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 the system will not provide any prompts. Only a beep will be played.

SKIPPING PROMPT MESSAGES

While a prompt is playing, press quickly on the steering wheel remote control labeled with [🎤]. 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 quickly on the steering wheel remote control labeled with [🎤]. 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 control labeled [🎤] 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 [+/-] on the steering wheel remote control.

BASIC OPERATION FOR VOICE COMMAND (SETTING FM)

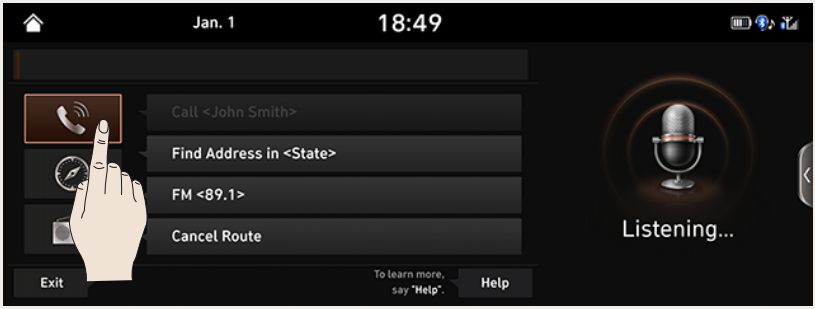
1. Press the control on the steering wheel remote control labeled [ ]. The system waits for your command and displays a list of available commands on the screen.

2. If you hear a beep sound after voice guidance, say “FM”.

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 [ ] on the steering wheel remote control.
2. If you hear a beep sound after voice guidance, say “Help”. The available commands are displayed on the screen.

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

VOICE COMMAND LIST

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 media/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”
●	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.

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”
●	Cancel Route	Cancels the route to the fixed destination and exits guidance.
●	Destination Information	Tells you the remaining distance and time to your destination.
●	Previous Points	Displays a list combining Previous Destinations, 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.
●	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.
●	Route Options	Restarts the route to your destination. You can select either “Faster Time” or “Shorter Distance”.
●	Show Route	Displays a map overview of the entire route to your destination.
●	Zoom Out	Zooms out from the navigation map to the fullest.

●	Zoom In	Zooms in on the navigation map to the fullest.
●	Frequently Visiting Points	Displays a list of frequently visiting points.
●	Turn Guidance On	Turns on the voice guidance system.
●	Turn Guidance Off	Turns off the voice guidance system.
●	Address Book	Displays a list of the address book. You can set a destination by saying number on the list.

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.

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
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
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

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

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
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
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	

SIRI®

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 [🎤] button on the steering wheel remote control while driving.

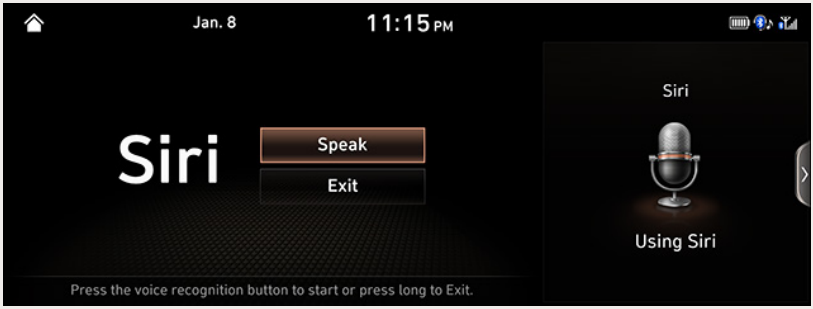
The Apple device (iOS device) screen does not light up to minimize impact on the driving.

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 AVN system through Bluetooth. Please check whether your Apple device (iOS device) supports Siri and turning Siri On.
2. Press and hold [🎤] on the steering wheel remote control.



<Siri screen>

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 [] 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 [] 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 [+/-] 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 P position, rear camera stops.

TURNING ON THE REAR CAMERA

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

Adjust the desired value for brightness or contrast as appropriate.

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.

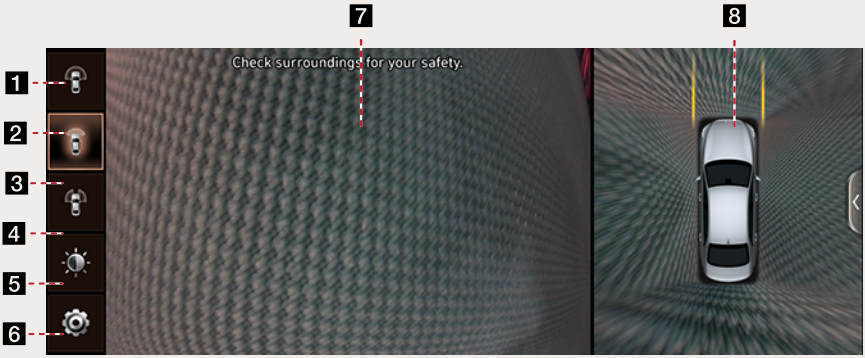
Through the 4 cameras installed on the vehicle, it can view front, back, left and right side.

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 Switch" after putting gear to N or D, front SVM starts.



1 **Front Top View (Front + Left Front + Right Front)**

Displays an enlarged top view of the front.

2 **Wide View (Front)**

Only front screen of the vehicle is displayed.

3 **Left and right side view (Left Front + Right Front)**

It displays left front / right front screen of the vehicle simultaneously.

4

You can adjust Brightness / Contrast.

5

Move to SVM Settings Menu.

6 **Front Camera View**

Front camera's view is displayed.

7 **Top View**

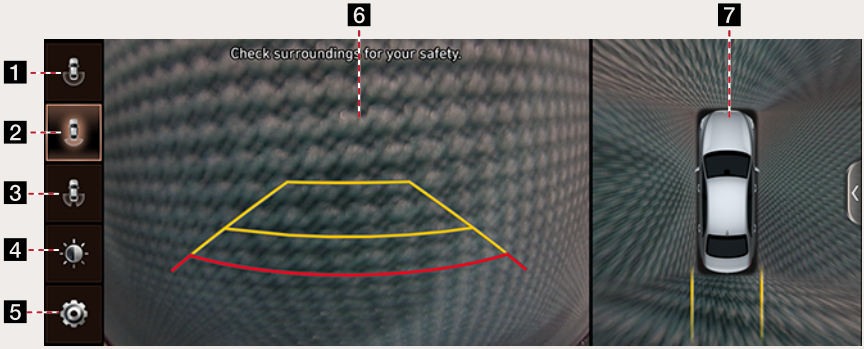
Displays top view that combines front, rear, left / right camera images.

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.

OPERATING REAR SVM

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



1 **Rear Top View (Rear + Left Rear + Right Rear)**

Displays an enlarged top view of the rear.

2 **Wide View (Rear)**

It displays only the rear screen of the vehicle.

3 **Left and right side view (Left Front + Right Front)**

It displays left rear / right rear screen of the vehicle simultaneously.

4

You can adjust Brightness / Contrast.

5

Move to SVM Settings Menu.

6 **Rear Camera Screen**

It displays rear view through the rear camera.

7 **Top View**

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

NOTE

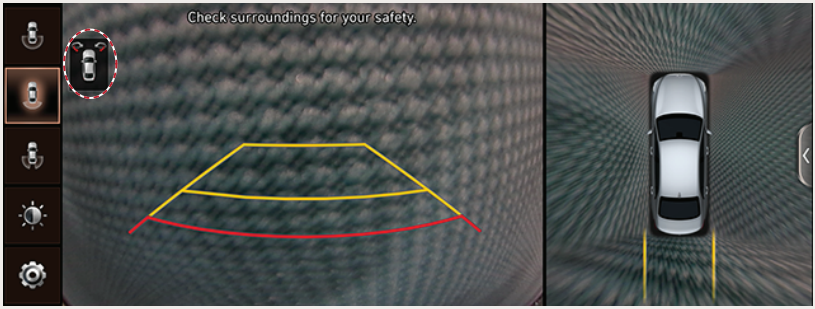
SVM (Surround View Monitor) camera has an optical lens to secure wide view, so there is a little difference in the distance shown on the screen. For safety, make sure to check the rear, left, and right view by yourself.

SVM SETTING

If you press [⚙] button, it moves to 3 types of setting screens.

- [Display Contents]: Enables / disables rear view distance guidance, top view parking guidance, rear view parking guidance, and parking distance warning function.
- [Top View Default Mode]: Sets the initial view of Top View. (Zoom-In View, Normal View, Zoom-Out View)
- [Front View Default Mode]: Sets the initial view of the front camera to the initial view. (Top View, Wide View, L/R Corner View)

WARNING DISPLAY



DRIVER'S DOOR OPEN INDICATOR

When the driver's door is open, "" (red color on left door) indicator is displayed on the top left of the screen.

FRONT PASSENGER'S DOOR OPEN INDICATOR

When the front passenger's door is open, "" (red color on right door) indicator is displayed on the top left of the screen.

TRUNK OPEN INDICATOR

When trunk is open,""(red color on trunk) indicator is displayed on the top left of the screen.

SIDE MIRROR FOLDING INDICATOR

When the side mirror is folded, "" (side mirror) indicator is displayed on the top left of the screen.

DRIVING INFO

CHECKING DRIVING INFO

Available when the vehicle is started.

You can check information on Driving/Idling Times, Sudden braking/Acceleration Distributions, Driving Speed and Driving Range.

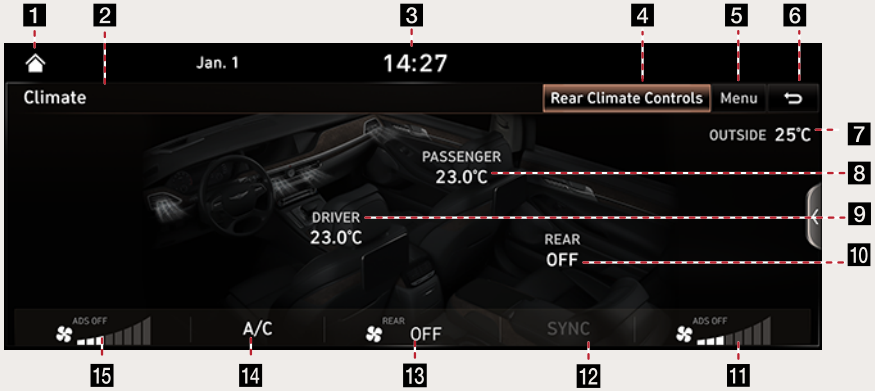
1. Select [Driving Info] on the HOME Screen.

2. Select [Menu] > [Update] to receive the updated information for driving.

CLIMATE

CLIMATE MODE

Press [HOME] or [] > [Climate].



1

It moves to the [HOME] screen.

2 Mode display

It displays the current mode.

3 Current time

It moves to the [Date/Time settings] screen.

4 Rear climate control

It moves to the [Rear climate control] screen.

5 Menu

It displays the [Climate] menu.

6

It moves to the previous screen.

7 Outside temperature

It displays the outside temperature of the vehicle.

8 Front passenger seat set temperature

It displays the set temperature of the front passenger seat.

9 Driver seat set temperature

It displays the set temperature of the driver seat.

10 Rear seat set temperature

It displays the temperature of the rear seat.

11 Front passenger seat set blower level

It displays the set blower level of the front passenger seat.

12 SYNC

When the SYNC is active, front passenger seat set temperature is set based on driver seat set temperature.

13 Rear seat set blower level

It displays the set blower level of the rear seat.

14 A/C

When the A/C is active, air conditioner is operated for vehicle cooling.

15 Driver seat set blower level

It displays the set blower level of the driver seat.

REAR CLIMATE CONTROLS

Press [HOME] or [ ] > [Climate] > [Rear Climate Controls].

1
It moves to the [HOME] screen.

2 Mode display
It displays the current mode.

3 Current time
It moves to the [Date/Time settings] screen.

4 Menu
It displays the [Rear climate control] menu.

5
It moves to the previous screen.

6 Blower level
It displays the set blower level.

7 ON/OFF
It is used to turn the rear climate device on/off.

8 Blower direction
It displays the set blower direction.

9 AUTO
When the AUTO is active, the blower level and cooling/heating are automatically operated according to the set temperature.

10 Rear seat set temperature
It displays the temperature of the rear seat.

CLIMATE MENU

Press [HOME] or [ ] > [Climate] > [Menu].

1 Smart Ventilation

When humidity and carbon dioxide levels inside the car increase while climate control is turned off, air is automatically expelled to maintain a comfortable environment.

2 Auto Defog

The air conditioner is automatically operated to create a flow of air to clear the windscreen.

3 Active Carbon Dioxide Monitor (Option)

Controls carbon dioxide concentration in the vehicle, improving freshness.

4 Rear climate control

It moves to the [Rear climate control] screen.

5 Help

It moves to the [Help] screen.

6 Web manual

Displays the QR code for the manual of corresponding function.

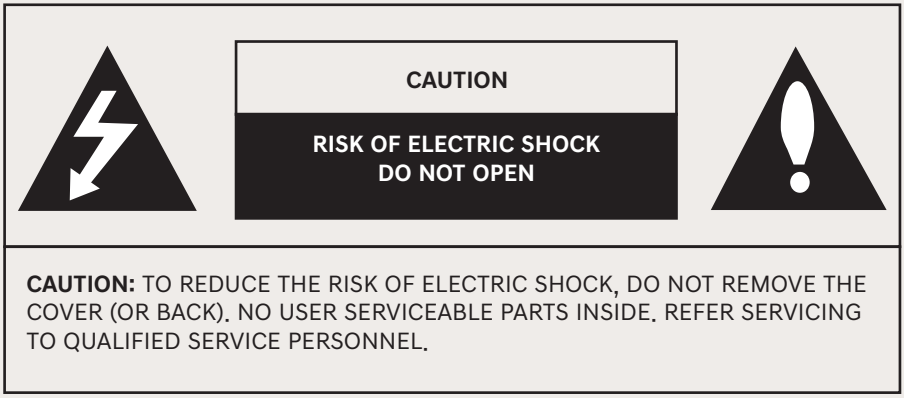
NOTE

While other modes (AV, Navigation, etc.) are in operation, if climate operation key is pressed, climate status is displayed at the top part of the screen.

REFERENCE

PRECAUTIONS FOR SAFETY

NOTATIONS USED WITHIN THIS USER'S MANUAL



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.

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:

<USA>

Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007

name : LG Electronics INC.

address : 128, YEOUIDAERO, YEONGDEUNGPOGO, SEOUL, KOREA

place : Made in Korea

CAUTION:

- This product employs a Laser system. Should the unit require maintenance, contact an authorized service center.

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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.

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

INFORMATION ON DISC

CAUTIONS TO USE DISC

- Preserve a disc in a case after use to prevent scratches.
- Using a disc in an abnormal shape (8 cm, heart shape, pentagonal shape) may cause failures.
- Do not clean a disc using alcohol, benzene, thinner or other chemical solvents. Such chemical solvents damage the disc surface.
- Exposure under direct sunlight, high humidity or temperature for a long time period may deform a disc.
- Playing a disc that is stained by foreign materials or deformed may result sound skipping or sound or video quality degrade. And writing on the both surfaces of disc may damage the disc surface.
- Clean the finger prints and/or dusts on the disc surface (data recorded surface) carefully using soft cloth.
- Data CD is not played. (However, some discs are abnormally played.)
- Be cautious not to have any foreign material other than a disc inserted in the disc slot. Foreign materials may damage the interior of the device.
- The device may fail for normal operation under an extremely high or low temperature.
- Moistures can be set on the lens during a raining or highly humid or immediately after turning the heater on in the vehicle. In this case, the normal operation fails because the device cannot read the disc. Eject the disc and wait until the moistures are dried off.
- Long-term driving on rough road surface or any severe impact on the vehicle may result abnormal disc play.
- Do not attach any sticker or label on the disc. Removed sticker or label during play may damage the system.
- Do not insert two or more discs simultaneously in the disc slot. That may damage the disc player.
- Do not hold or pull the disc while it is loaded in the disc player by the automatic loading mechanism. That may damage the disc and the disc player.
- Discs other than the genuine products may cause recognition failure and/or the system damage.

PLAYABLE DISCS

This device may play the following disc types: Some disc formats, recording types and device types may fail the play.

Playable Discs	Disc Label	Description
DVD Video		Only the discs with the region code of 3 or All are available for play.
Audio CD (Audio CD)		Plays general audio CDs.
CD-R/RW		Plays discs containing music title, WMA and/or MP3 files.

ON COPYRIGHT

The copyright protection technologies on this device are patented by and/or are intellectual properties of U.S. Macrovision and other related organizations. Therefore, any duplication, rental, use in any public place, broadcasting and/or exhibition without proper permissions is prohibited by the laws. Also, any unauthorized engineering change on this device is prohibited.

DVD REGIONAL CODES

This device has been produced according to the regional code recorded in the dvd. Any DVD having the regional code not identical to a regional code of this device is not playable. The regional code of this device is or .

CAUTIONS FOR THE USE OF USB

Connect a USB device after starting the 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 cautious for statics on connecting/disconnecting a USB 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.
- FAT 16, FAT 32, exFAT and NTFS are supported.
- Some USB devices may not be supported due to compatibility issue.
- Avoid any touch on the USB connection area by any human body or material.
- Connecting and disconnecting a USB device for a short time repeatedly can cause its failure.
- Connect or disconnect a USB device after the audio power is off.
- The recognition time can vary depending on the type, capacity and format of a stored file but it is not a product failure.
- USB device connected via a USB HUB or extension cable may cause the recognition failure. Use a USB device directly connecting to the infortainment system of the vehicle.
- 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 SPECIFICATIONS (USB)

- Playable File Types: “.mp3”, “.wma”, “.mka”, “.wav”
- 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)
- Playable Codec Types: “MPEG-1 layer I, II, III”, “AC-3”, “AAC”,“WMA”, “PCM (WAV only)”, “ADPCM(WAV only)”
- Bit rate: 8 - 320 Kbps (MP3), 20 - 320 Kbps (WMA) , 8 - 12.3Mbps (PCM/WAV), 8 - 352.8Kbps (ADPCM/WAV), 8 - 320Kbps (AC-3) , 8 - 320 Kbps (AAC)

PLAYABLE AUDIO FILE SPECIFICATIONS (DISC)

CD-ROM File Formats: Only ISO9660/JOLIET IS09660, JOLIET formats are displayed.

DIVX FILE STANDARD

- Playable video file standard
  - Playable file format : “.avi”, “.mpg”, “.mpeg”, “.divx”, “.mp4”, “.asf”, “.wmv”, “mkv”
  - Playable Codec Types: “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.
- 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.

THE INFORMATION ABOUT IPOD

iPod is a registered trademark of Apple Inc.

PRECAUTIONS FOR THE USE OF IPOD

- Since communications protocol is not provided for some iPod, it may not be played.
- If an iPod fails due to its own malfunction, use the iPod after reset. (See the owner's manual)
- iPod is charged if it is connected by a cable for iPod only with the ACC on.
- Use an exclusive iPod cable to play iPod If it is not a cable for iPod only, its operation is not guaranteed.
- Use an iPod after synchronized with iTunes. Adding/Deleting any song can cause abnormal operation.
- If iPod and Bluetooth are connected with the same iPhone, the audio function in Bluetooth cannot be used.
- iOS10.3.2 or higher is recommended in using an iPod touch or iPhone.

IPOD LISTS THAT RECEIVE SUPPORT

- 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

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.)

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 YOU THINK THE PRODUCT IS DEFECTIVE

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?
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 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 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

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 disc has not been inserted or has been inserted upside down. • Countermeasure: Insert the disc properly so that the sides are facing the correct direct.
• Possible Cause : The disc has been contaminated. • Countermeasure: Wipe away dirt and other foreign substances from the disc.
• Possible Cause : The vehicle battery is low. • Countermeasure: Charge the battery if the problem persists, contact your point of purchase or service center.
• Possible Cause : A disc not supported by the device has been inserted. • Countermeasure: Insert a disc which is supported by the device.
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.

Problem: The sound or image quality is low.
• Possible Cause : The disc is dirty or scratched. • Countermeasure: Wipe off water or dirt from the disc. Do not use a disc which has been scratched.
• 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 infotainment system.
• Possible Cause : A separately purchased USB HUB is being used. • Countermeasure: Directly connect the USB memory with the infotainment system on the vehicle.
• Possible Cause : A USB extension cable is being used. • Countermeasure: Directly connect the USB memory with the infotainment system 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.

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.

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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 cards 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
	Operating Power	DC 9 V ~ DC 16 V
	Current Consumption	Maximum 6 A
	Dark Current	Maximum 1 mA
	Operating Temperature	-20 ℃ ~ +70 ℃
	Storage Temperature	-40 ℃ ~ +85 ℃
	Dimensions (Head unit)	296 (W) x 99 (H) X 208 (D) mm
	Weight (Head unit)	1.4 kg
	Name of the equipment (Model name)	Car Navigation System (IAN2270TNHI)
	Manufactured date	2018. 3.
	Manufacturer / Country	LG Electronics Co., Ltd. / Korea
Bluetooth	Supported Profile	HFP (1.7), A2DP (1.3) , AVRCP (1.6)
	Supported Bluetooth Specification	4.2
	Frequency Range	2402 MHz ~ 2480 MHz
	Output (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
	Sensitivity	10 dBuV
	Frequency response	30 Hz ~ 10000 Hz
	Signal-to-noise ratio	Minimum 50 dB
CD/DVD	FORMAT	CD-DA, CD-R, CD-RW, DVD (12 cm disc Only)
	Interface	Serial (TAB2)
	Signal-to-noise ratio	Minimum 70 dB
	Frequency response	20 Hz ~ 20 KHz (±3 dB)
	Distortion ratio	0.03%

TFT-LCD (12.3")	Screen Size	312.42 mm (12.3 inches) 292.03 (W) X 109.05 (H) mm (Active area)
	Resolution	1,382,400 pixel
	Operating Method	TFT (Thin Film Transistor) Active Matrix, In Plane Switching (IPS)
	Viewing Angle	89/89/89/89 (L,R,U,D)
	Internal Lighting	LED
TFT-LCD (9.2")	Screen Size	233.95 mm (9.2 inches) 204 (W) X 114.72 (H) mm (Active area)
	Resolution	921,600 pixel
	Operating Method	TFT (Thin Film Transistor) Active Matrix, In Plane Switching (IPS)
	Viewing Angle	89/89/89/89 (L,R,U,D)
	Internal Lighting	Viewing angle free (R/L 178 (Min.), UD 178 (Min.))
SiriusXM™	Frequency	2337.490 MHz ~2340.020 MHz
	Sensitivity	-80 dBm
	T.H.D	Maximum 0.2 %

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CONNECTED SERVICES TERMINAL PRODUCT SPECIFICATION

Common	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 ℃ ~ +70 ℃
	Storage Temperature	-40 ℃ ~ +85 ℃
	External dimension	93 (W) x 8 (H) x 39 (D) mm
	Weight	40 g
	Name of equipment (model name)	Car Navigation System (IAN2270TNHI)
CDMA	Frequency	From Tx : 824 to 849MHz (BCO), 1850MHz~1910MHz (BC1) From Rx : 869 to 894MHz (BCO), 1930MHz~1990MHz (BC1)
	Receiving sensitivity	Less than -104 dBm (conducted)
	Transmission output	Power Class3 (BC0), Power Class2(BC1), 23dBm~30dBm
LTE	Frequency	From Tx : 1710 to 1755 MHz (B4) and from 777 to 787 MHz (B13) From Rx : 2110 to 2155 MHz (B4) and from 746 to 756 MHz (B13)
	Receiving sensitivity	Less than -94 dBm @20M (B4) and less than -94 dBm @10M (B13) (Throughput ≥95%)
	Transmission output	From Power Class3 (B4,B13) 20.3 dBm to 25.7dBm
FCC certification	FCC Identifier	BEJRBHP-B213A
	Model name	IAN2270TNHI
	Certification number	BEJGEN21NA
	Name of the person certified	LG Electronics

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alsa-plugins 1.1.0	GPL-2.0 LGPL-2.1	Copyright (C) 2006 Nokia Corporation Copyright (c) 2006 by Takashi Iwai <tiwai@suse.de> Copyright (c) 2009 by Peter Stokes <linux@dadeos.co.uk>
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e2fsprogs 1.43.4	GPL-2.0 LGPL-2.1	Copyright 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o
elfutils 0.170	GPL-2.0	Copyright (c) 1996-2015 Red Hat, Inc. Copyright (c) 2012 Tilera Corporation
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December 9, 2010

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bzip2-1.0.6

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Julian Seward, jseward@bzip.org bzip2/libbzip2 version 1.0.6 of 6 September 2010

curl

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