



GENESIS G90

Thank you for purchasing this cclC (Connected Car Integrated Cockpit)

This user's manual explains how to use the cclC.
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.



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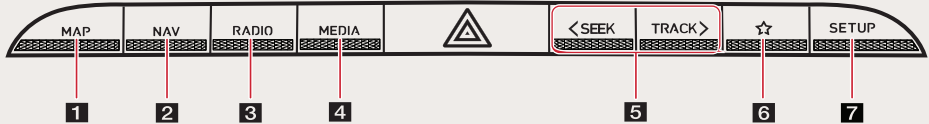
START



NAME OF EACH COMPONENT

HEAD UNIT

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



1 MAP button

- Moves to the map screen showing the current position of the vehicle.
- When the destination is set, the voice navigation starts on the map screen.

2 NAV button

- Moves to the navigation menu screen.
- Press and hold to move to the destination search screen.

3 RADIO button

- Activates radio mode.
- Press to change the radio mode.
- Press and hold to move to the media menu screen.

4 MEDIA button

- Press to switch between the media menu screen and the media playback screen.
- Press and hold to move to the media menu screen.

5 < SEEK/TRACK > button

- When it is pressed shortly
 - Radio mode: Plays the previous or next channel.
 - Media/Voice memo mode: Plays the previous or next file.
- When it is pressed and held
 - Radio mode: Changes the frequency until the button is released, then plays the frequency when released.
 - Media/Voice memo mode: Rewinds or fast-forwards the file.



6 ☆ (Custom) button

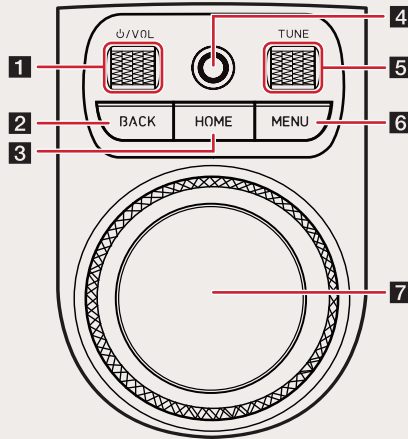
- User may select and use a desired feature with this button.
- Press and hold to move to the custom button settings screen.

7 SETUP button

- Moves to the settings screen.
- Press and hold to move to the general settings screen.

FRONT SEAT CONTROL KEY

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



1 **⏻/VOL (Power/Volume) button**

- Press to turn AV on/off.
- Press and hold to turn on or off the display and the sound.
- Turns the wheel up/down to adjust the volume.

2 **BACK button**

- Press to move to the previous screen.
- Press and hold to move to the home screen.

3 **HOME button**

- Press to move to the home screen.
- Press and hold to move to the map screen.

4 **Finger scan sensor**

Use sensor to select the user profile or convenience features, etc.

5 **TUNE/FILE button**

- SXM mode: Turns the wheel up/down to search for channels. Press the wheel to select a channel.
- Radio mode: Selects a radio station.
- Media/Voice memo mode: Turns the wheel up/down to search for files. Press the wheel to select a file.
- Navigation: Turn up/down to change the map scale on the map screen.



6 MENU button

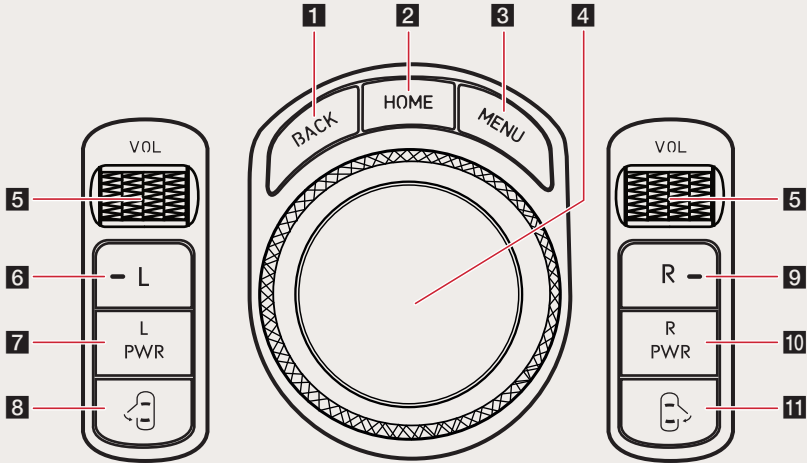
Press to display a pop-up menu for each mode.

7 Controller

- Use controller to move and select the menu as well as handwriting input.
- Use controller to change the map scale on the map screen.

REAR SEAT CONTROL KEY

The rear seat control function keys differ depending on the selected option. The images may differ from the actual components.



1 BACK button

- Press to move to the previous screen.
- Press and hold to move to the home screen.

2 HOME button

- Press to move to the home screen.
- Press and hold to move to the map screen.

3 MENU button

Press to display a pop-up menu for each mode.

4 Controller

- [Use controller to move and select the menu.](#)
- Use controller to change the map scale on the map screen.

5 VOL wheel button

- Turn the wheel up/down to adjust the volume.
- [Press the wheel button to turn the mute on or off.](#)



6 L button

Sets the rear seat control key to control the rear left display.

7 L PWR button

- Press the button to turn on or off the rear left display.
- Press and hold the button to turn the AV system on or off.

8 Automatic door button (Rear left)

Close the rear left door.

9 R button

Sets the rear seat control key to control the rear right display.

10 R PWR button

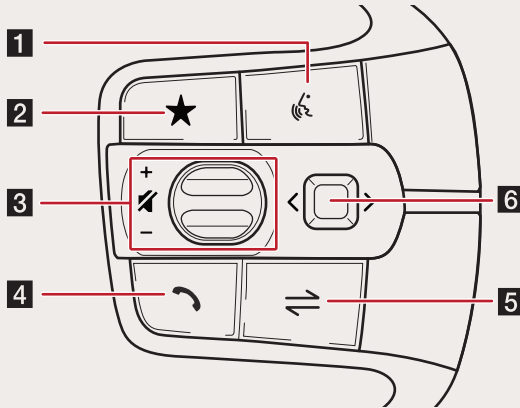
- Press the button to turn on or off the rear right display.
- Press and hold the button to turn the AV system on or off.

11 Automatic door button (Rear right)

Close the rear right door.

STEERING WHEEL REMOTE CONTROL (RIGHT)

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



1 (Voice recognition) button

Press to activate voice recognition.

2 (Custom) button

- User may select and use a desired feature with this button.
- Press and hold to move to the custom button settings screen.

3 +/– (Tumbler) button

Turns the tumbler up/down to adjust the volume.

(Mute) button

Press the tumbler to turn mute on/off.

4 (Bluetooth call) button

- When there is no connected Bluetooth device, search for connectable Bluetooth devices and connect or add a new device.
- When connected to a Bluetooth device,
 - To move to the call history screen, press the button briefly.
 - To dial the last phone number of a connected Bluetooth device, press and hold the button.

5 MODE button

- Press to select the media mode to play.
- Press and hold to move to the mode button settings screen.

6 Optical touch pad

(You can use AVN control if the search mode in the split screen of the cluster is not.)

- When it is swiped
 - Radio mode: Moves to the previous or next frequency saved.
 - Media/Voice memo mode: Plays the previous or next file.
- When it is dragged
 - Radio mode: Changes the frequency until you lift your finger, and then search for the frequency.
 - Media/Voice memo mode: Rewinds or fast-forwards the file. (Except for the mode of sounds of nature)

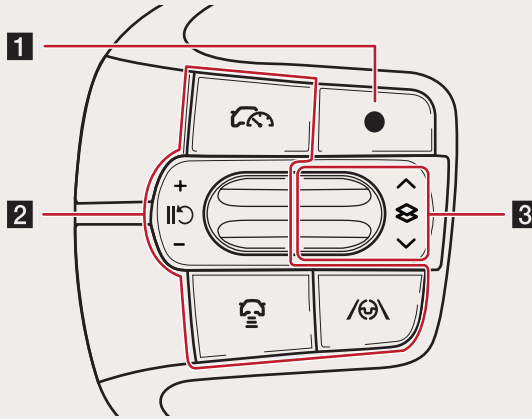
NOTE

Check how to operate the optical touch pad.

- Swipe: Swipe the optical touch pad to up/down/left/right with your finger.
- Drag: Stop at the edge of the optical touch pad without passing it completely with your finger.

STEERING WHEEL REMOTE CONTROL (LEFT)

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



1 Custom button

- User may select and use a desired feature with this button.
- Press and hold to move to the custom button settings screen.

2 button

For details, refer to the vehicle instruction manual.

3 Tumbler button

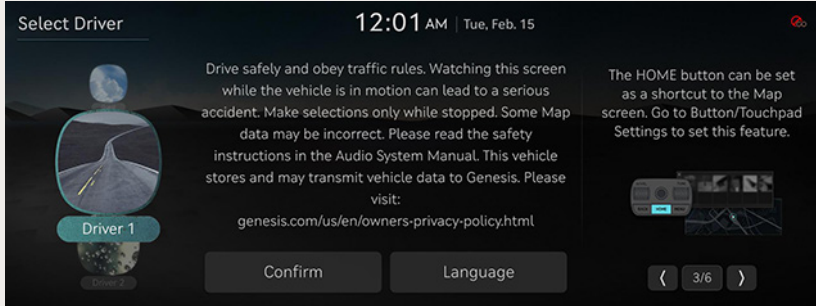
Press or turn up/down the button to change the gauge style and view mode displayed on the cluster screen.

BASIC CONTROLS

TURNING THE SYSTEM ON

The images displayed on this system may differ from actual ones.

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



- Press [Language] to change the language of the system display.
 - Press [Driver 1], [Driver 2] or [Guest] to change the profile of system.
2. Press [Confirm].

! NOTE

- You cannot operate the system while it is booting up.
- It may take some time for all of the features of the system boot up.
- The safety warning page is displayed every time the ACC is turned on. (The user precaution may not be displayed when you turn the vehicle engine off and turn it on immediately.)
- The displayed warnings are related to safety, please read thoroughly and comply with the safety warnings.



TURNING THE SYSTEM OFF

Press and hold the power button on the front seat control key to turn off the system.

Press the power button on the front seat control key to turn on the system.

NOTE

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

ADJUST AV OR VOLUME

AV ON/OFF

Press the power button on the front seat control key to turn the AV on/off.

ADJUSTING THE VOLUME

Rotate the volume control knob on the front seat control key.

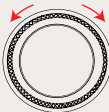



RESETTING THE SYSTEM

Resets the system when unexpected errors or problems occur.

1. After turning the vehicle off, press the start button once without pressing brake pedal.
2. **Press and hold** [MAP] button and the [SETUP] button on the head unit for 5 seconds.

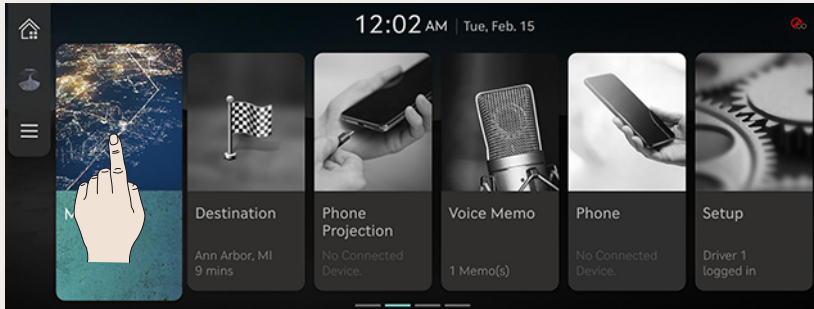


USING THE CONTROLLER AND TOUCHPAD

Controller	Details
	<p>Turn the controller clockwise/counterclockwise to move the list in the menu. Operate zoom in/zoom out on the map screen.</p>
	<p>Swipe up/down/left/right on touchpad to switch the menu.</p>
	<p>Press touchpad to select a menu. Enter character through handwriting input on a specific screen.</p>
	<p>Push the controller up/down/left/right/diagonal to move the menu and map location. Push and hold the controller to scroll the location on the map.</p>

USING THE TOUCH SCREEN

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




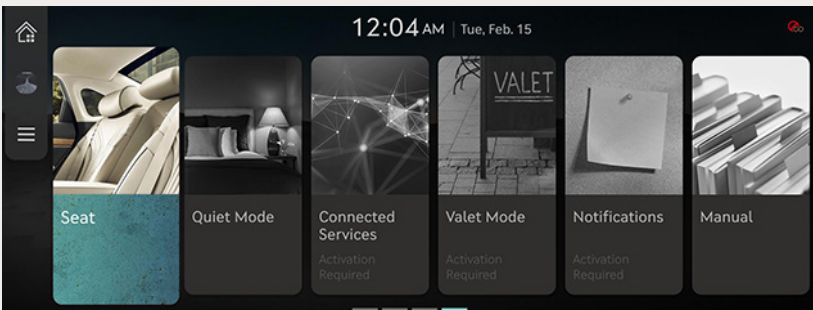
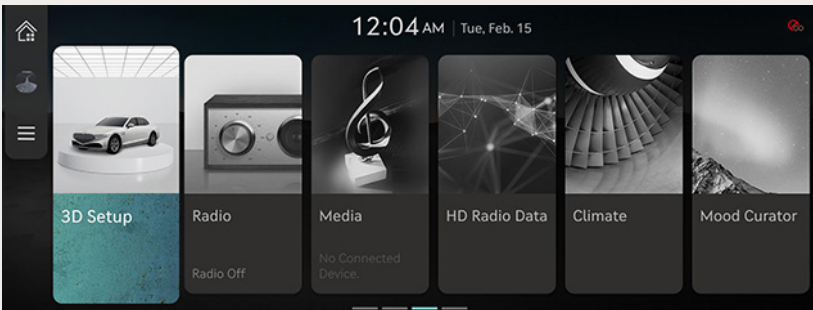
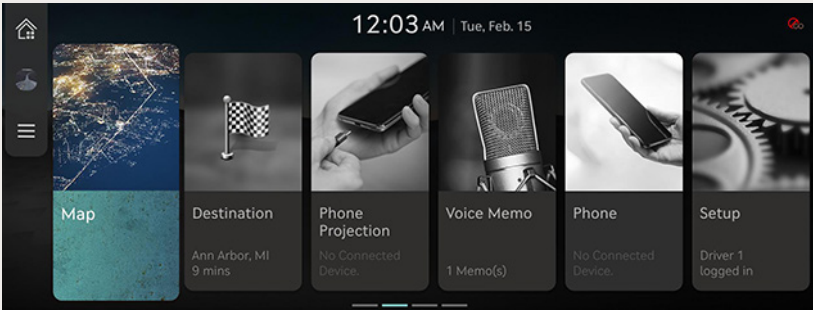
! NOTE

If you use the touch screen while driving, your attention to driving may be distracted.

BASIC CONTROLS OF HOME SCREEN

The images displayed on this system may differ from actual ones.

1. Press [HOME] on the front seat control key or press . The home screen opens.

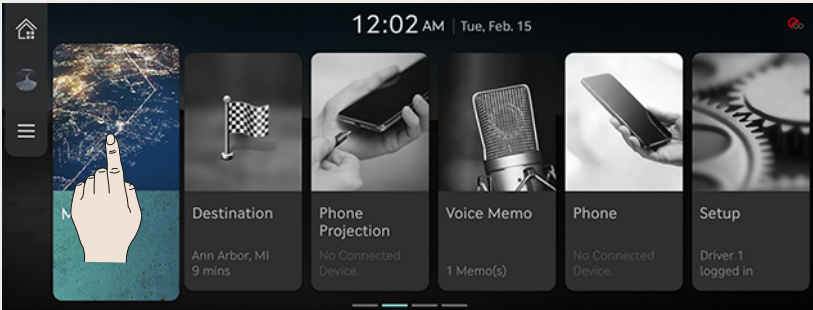


2. Select a desired menu on the home screen.
3. Follow-up controls are available for the selected menu.

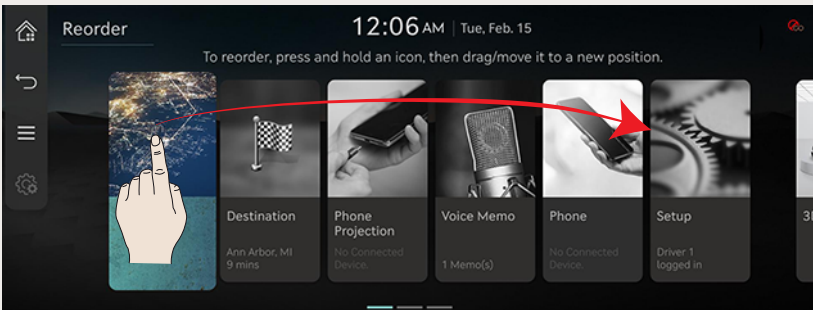
EDITING HOME SCREEN

Press and hold the menu icon on the home screen to change the location.

1. Press and hold the menu icon on the home screen.



2. Change the position.



3. Press [↵].

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 functions cannot be operated while driving. Functions that cannot be operated will be disabled.
- The route guidance is a reference and it 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 locations may not include up to date information.
- The car location mark does not always indicate your exact location. This function uses GPS information, various sensors, and road map data to display the current location. 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 car location mark may differ from the actual location 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 location 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

The navigation must receive satellite signals to operate.

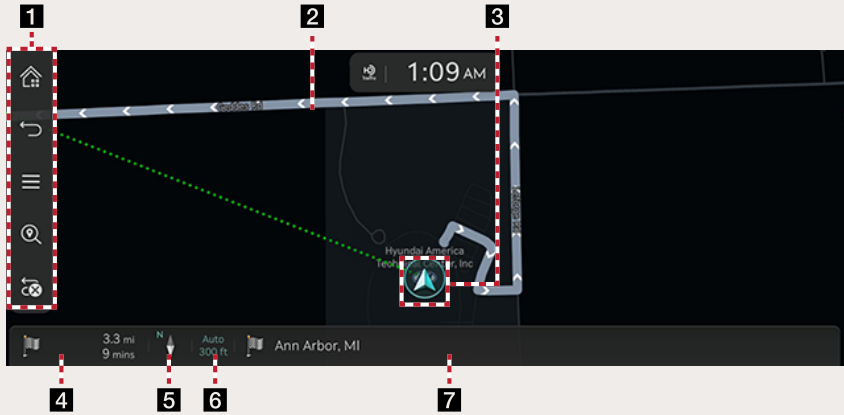
If you are indoors, near tall buildings or trees, or in a parking lot, the navigation may not be able to receive satellite signals.

RECEIVING SATELLITE SIGNALS

Before the navigation checks your current location and finds a route, you must do the following steps:

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

MAP SCREEN



1

Moves to the home screen.



Moves to the home screen or the previous screen.






Displays the quick menu list.



Moves to search screen.



- Press [>] to cancel the currently set route.
- Press and hold [>] to stop the currently set destination.
- Press [>] to guide the paused route again.

2 Route display

Displays a route from the current vehicle location to the set destination.

GPS reception status display

- Reception: Marked in color
- Reception failure: Marked in gray color

3 Vehicle location mark

Displays the current vehicle location and the direction.

4 Estimated arrival time and remaining distance



Press to move to the destination information screen and change the arrival time format.

5 Map view

Set the view mode of navigation map.

6 Map scale display

Set scale settings as a fixed scale/automatic scale.

- : Fixed scale
- : Automatic scale (Scale changes based on the current vehicle speed)

7 Current location and destination name display

Displays the current location and the destination name.

OPERATING NAVIGATION

The navigation system displays various information on the screen.

STARTING NAVIGATION

1. Press [HOME] on the front seat control key or press [HOME]. The home screen opens.
2. Press [Map] on the home screen or press [MAP] on the head unit. The map screen opens.

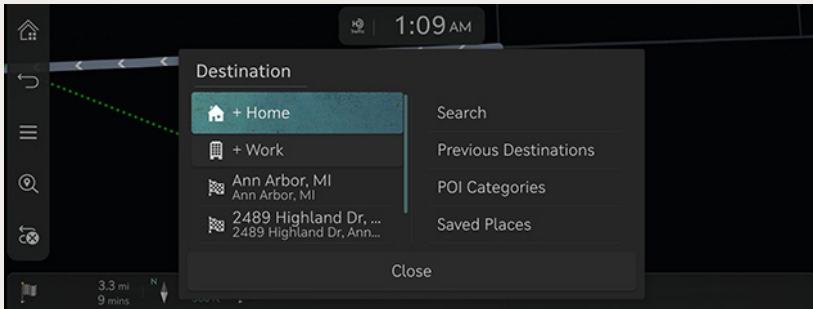
DISPLAYING CURRENT LOCATION

Press [MAP] on the head unit to display the current vehicle location on the map screen.

SIMPLE NAVIGATION FUNCTION


Simple navigation functions are listed for easy access to frequently used functions.

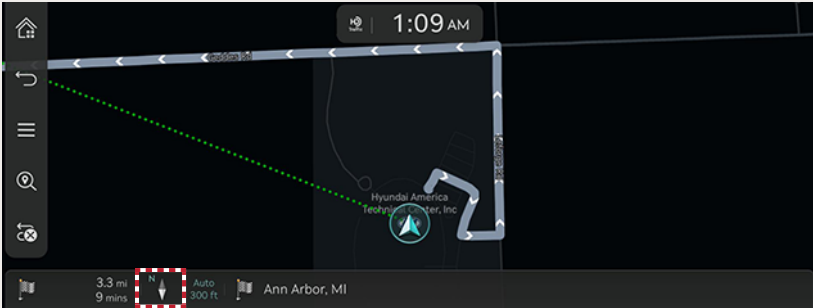
Press the touchpad on the front seat control key to move to simple navigation function screen.



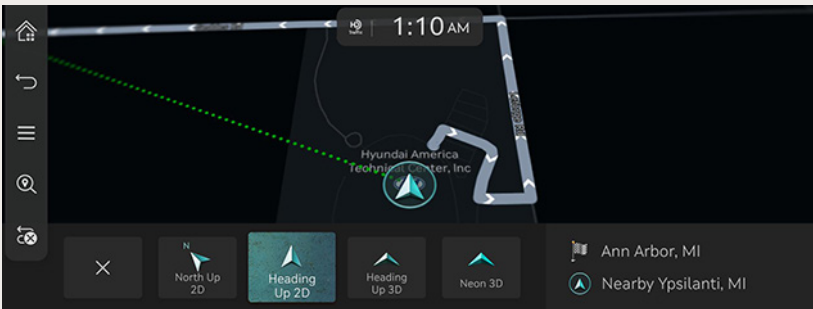
- [Home]: Recommends a route to home.
- [Work]: Recommends a route to workplace.
- Select previous destination to have a route advised to the selected destination.
- [Search]: Search a destination by entering the full name or initial, address or coordinates.
- [Previous Destinations]: Set previous destinations as a destination.
- [POI Categories]: Set the desired facilities as a destination.
- [Saved Places]: Set saved places as a destination.

CHANGING MAP VIEW

1. Press  on the map screen.



2. Press the desired button.



- [North Up 2D]: Displays the map based on the north direction.
- [Heading Up 2D]: Displays the map according to the vehicle direction.
- [Heading Up 3D]: Displays buildings in 3D on the map.
- [Neon 3D]: Displays the map in 3D neon style.

NOTE

The Neon screen changes according to the surrounding environment or GPS time.

ZOOM IN/OUT ON THE MAP


- Swipe your finger on the map screen to zoom in or out on the map.
- Rotate the controller left or right to zoom in or out on the map.

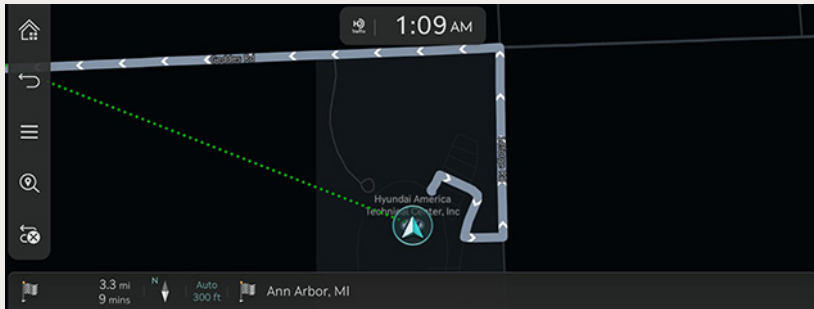
SWITCHING MAP SCALE



MANUALLY SWITCHING MAP SCALE

Rotate the controller on the front seat key to left/right or zoom in/out with your finger on the map screen to change the map scale.

AUTOMATICALLY SWITCHING MAP SCALE

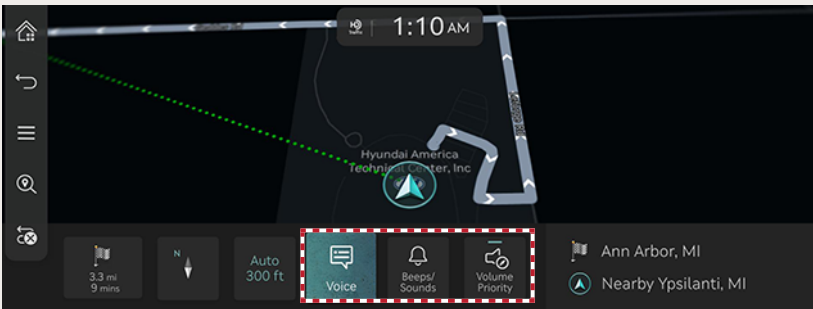
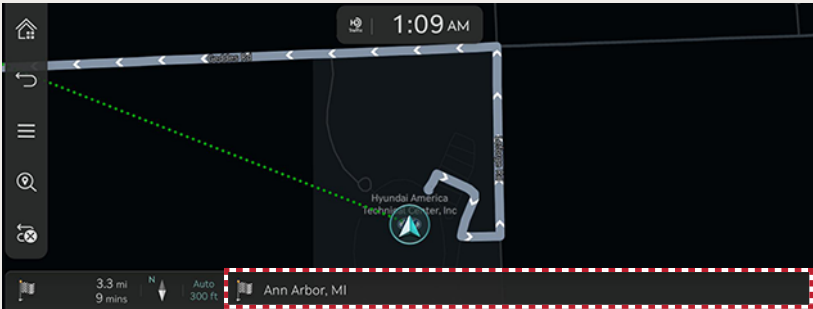
Press  to zoom in/out automatically on the map according to the driving speed of the vehicle.



- : Fixed scale
- : Automatic scale (Scale changes based on the current vehicle speed)

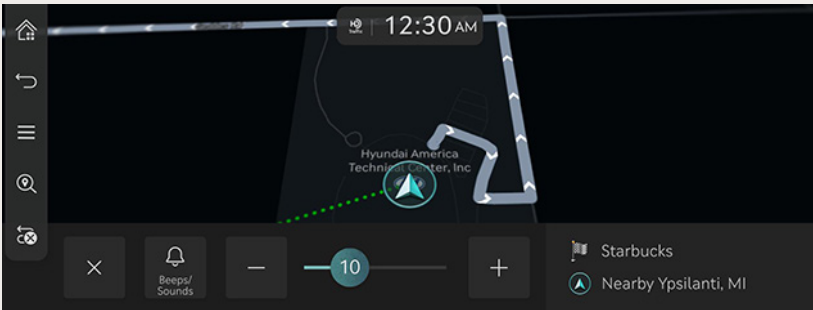
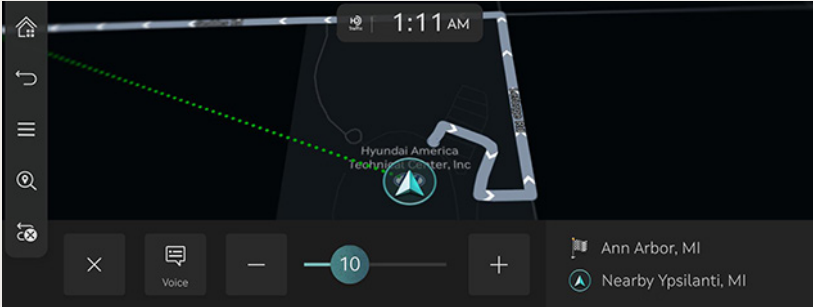
NAVIGATION VOLUME

1. Press the button at the bottom of the map screen.



- [Voice]: Set the volume of the voice guidance.
- [Beeps/Sounds]: Set the volume of the beeps/sounds effect.
- [Volume Priority]: Media volume will be lowered during navigation guidance.


2. Select a [Voice] or [Beeps/Sounds].

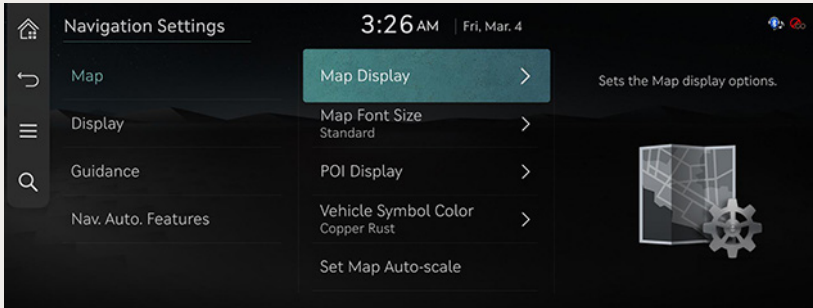


3. Select a desired button.

- [+]/[-]: Turn up/Turn down the navigation volume. Or drag the volume control bar to set the volume.
- [🗨️]/[🔔]: Voice guidance or sound effects are activated. You can mute by pressing the button.
- [🔕]: Voice guidance or sound effects are muted. You can activate it by pressing the button.
- [X]: Press the button to return to the previous screen.

NAVIGATION SETTINGS

1. Press  > [Navigation settings] on the map screen.

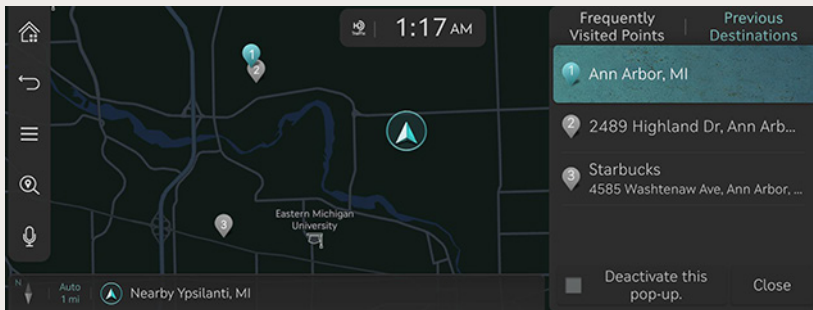


2. For more details, refer to the "Navigation settings".

PREVIOUS DESTINATIONS

At the start of navigation, the previous destinations and favorite destinations are automatically displayed on the pop-up screen for 10 seconds.

On the pop-up screen, press the desired destination and route to start the guidance. (Available only when the destination is not set)



- [Frequently Visited Points]: Shows frequently visited destinations.
- [Previous Destinations]: Shows previous destinations.

NOTE

To deactivate the pop-up screen, select [Deactivate this pop-up].

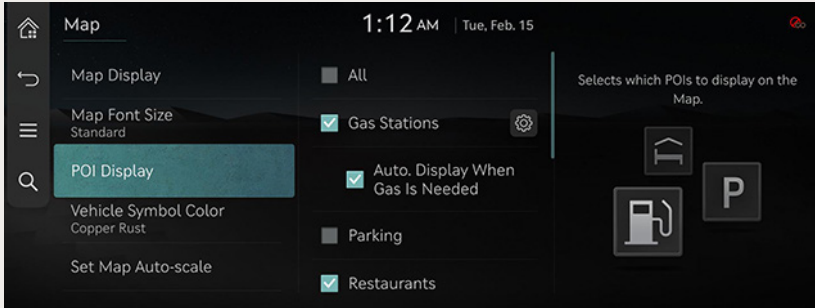
To activate the pop-up screen, press [Setup] > [Navigation] > [Nav. Auto. Features] > [Previous Destination Settings] > [Show Previous Destinations after Navigation Start-up].

POI

SETTING POI DISPLAY

Set to display the POI category on the map screen.

1. Press  > [Nearby POIs] > [POI Display] on the map screen.



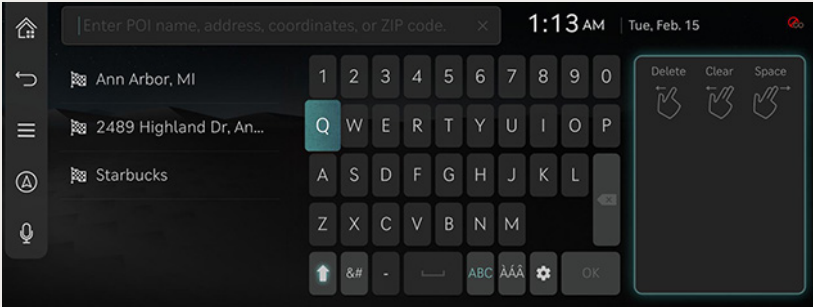
2. Select a facility to display on the map screen.

SEARCHING FOR DESTINATION

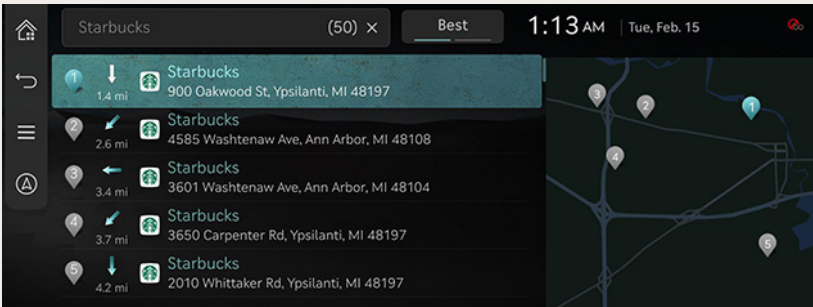
SETTING DESTINATIONS BY SEARCH

Set a destination by entering POI name, address or coordinates.

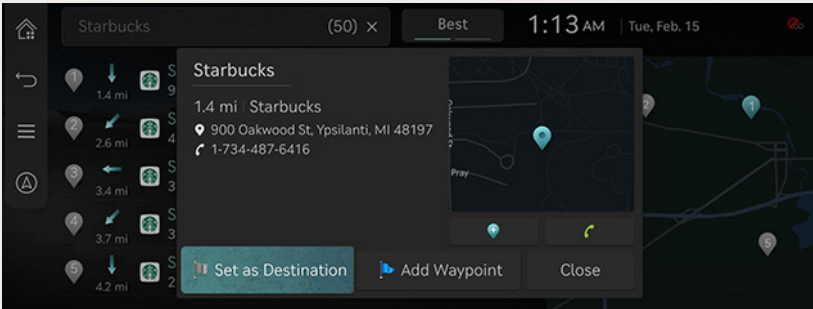
1. Press [Destination] > [Search] on the home screen.
Or press [📍] on the map screen.



2. Enter a keyword.



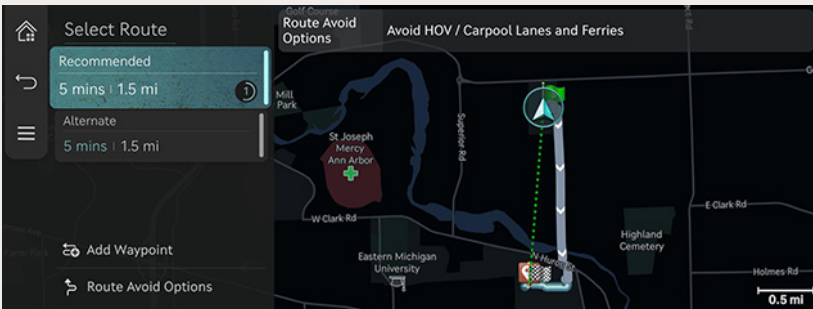
3. Press the desired location on the list.



4. Select a desired button.

- [Set as Destination]: Set a destination.
- [Add Waypoint]: Add a waypoint after setting a destination.
- [📍]: Add the location to the saved places.
- [📞]: Make a phone call. If phone number is not saved or Bluetooth is not connected, the call is not available.

5. Press [Set as Destination].



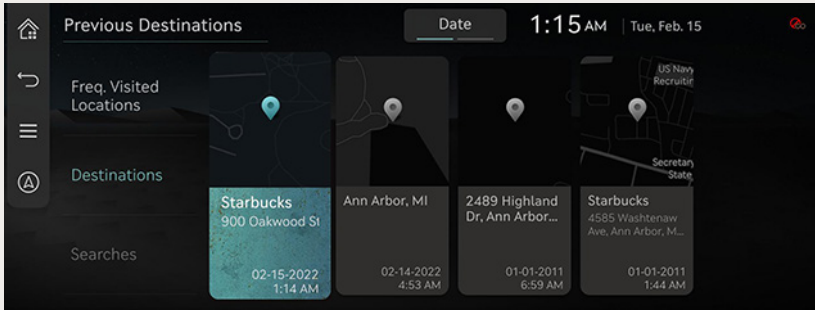
6. Select the desired route.

- [Recommended]: Guides the optimal route to the destination by considering the realtime traffic information, distance and cost.
- [Alternate]: Guides the alternative route to the destination.

SETTING DESTINATIONS BY PREVIOUS DESTINATIONS

Set the previous destinations as a destination.


1. Press [Destination] > [Previous Destinations] on the home screen.

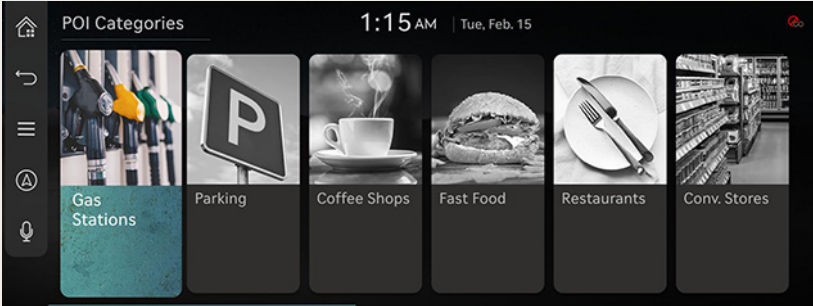


2. Press the desired destination from the list.
3. Refer to the step 4 to 6 of "Setting destinations by search" for next steps.

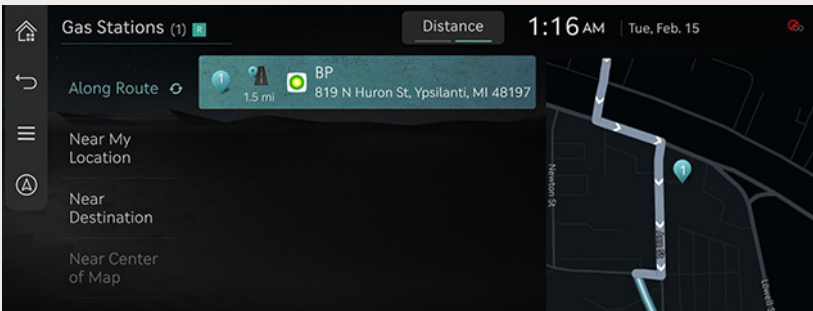
SETTING DESTINATIONS BY POI

Set a destination through various facility categories.

1. Press [Destination] > [POI Categories] on the home screen.
Or press  > [Nearby POIs] > [POI Categories] on the map screen.



2. Press the desired facility.

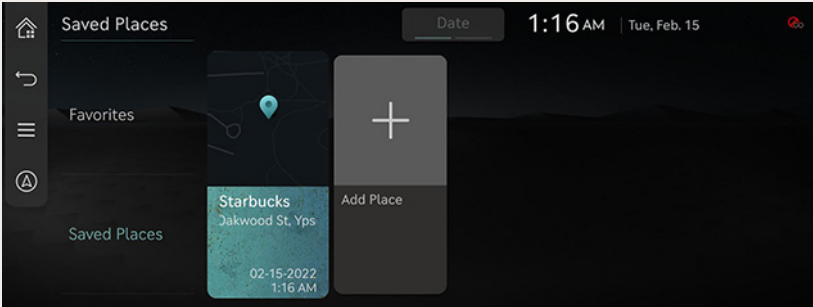


- [Along Route]: Search the facilities around the route.
 - [Near My Location]: Search the facilities around the current location.
 - [Near Destination]: Search the facilities around destination or waypoint.
 - [Near Center of Map]: Search the facilities around the selected location.
3. Refer to the step 4 to 6 of "Setting destinations by search" for next steps.

SETTING DESTINATIONS BY SAVED PLACES

Set the saved places as a destination.

1. Press [Destination] > [Saved Places] on the home screen.
2. Press [Saved Places].



3. Select the desired destination from the list.
4. Refer to the step 4 to 6 of "Setting destinations by search" for next steps.

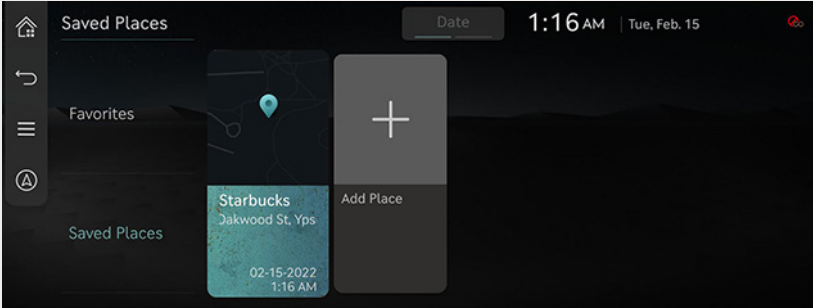
NOTE

Press [Name] or [Date] on the screen to change the sort method.

ADDING MY PLACES

Save the places you visit frequently.

1. Press [Destination] > [Saved Places] on the home screen.
2. Press [Saved Places].




3. Press [+].
4. Use search menu to save the place.
5. Press [Save].

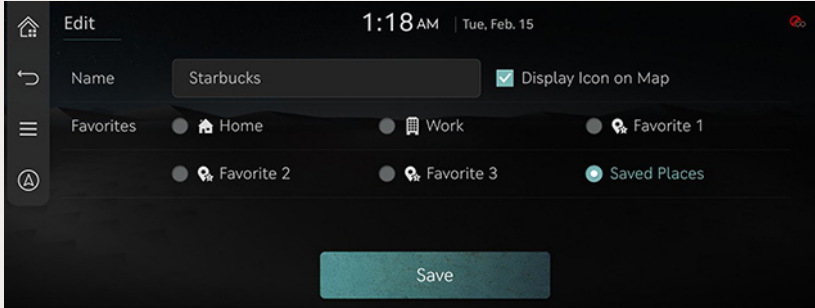
NOTE

You can save the desired place as a favorite

Press [Destination] > [Saved Places] > [Favorites] > [+] on the home screen. (Home, work, or favorite 1-3)

EDITING SAVED MY PLACES


1. Press [Destination] > [Saved Places] on the home screen.
2. Press [Saved Places].
3. Press  > [Edit].




4. Select and edit a desired place.
 - [Name]: After editing the name, press [OK].
 - [Display Icon on Map]: Select to display the icon on the map.
 - [Favorites]: Select a favorite group to save the location.
5. Press [Save].

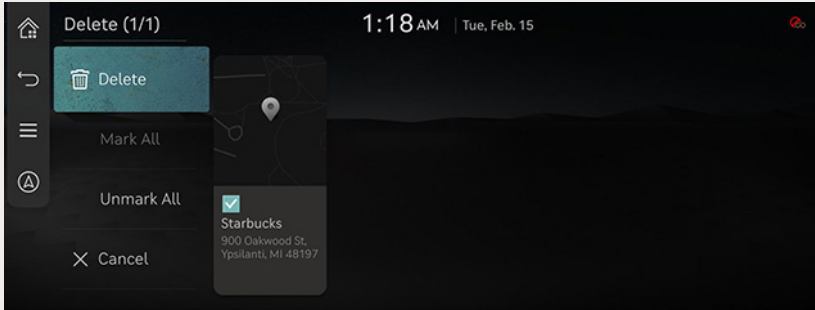
NOTE

You can edit a favorites.

Press [Destination] > [Saved Places] > [Favorites] >  > [Edit] on the home screen. (Home, work, or favorite 1-3)

DELETING SAVED MY PLACES


1. Press [Destination] > [Saved Places] on the home screen.
2. Press [Saved Places].
3. Press  > [Delete].



4. Select the desired place, and press [Delete].
 - [Mark All]: Selects all places.
 - [Unmark All]: Unmarks all places.
 - [Cancel]: Returns to the previous screen.

NOTE

You can delete a favorite.

Press [Destination] > [Saved Places] > [Favorites] >  > [Delete] on the home screen.
(Home, work, or favorite 1-3)

MANAGING MY DATA WITH USB

Importing saved places from USB memory

This function is used to import saved places in a USB memory.

1. Connect a USB memory to the USB port.
2. Press [Setup] > [Navigation] > [Nav. Auto. Features] > [User Data] > [Import Saved Location Info. from USB Device] on the home screen.
3. Press [Yes].
4. Press [OK], or press [View] to check imported places.

NOTE

- The number of data imported from USB may be limited by the number of saved places currently supported by the navigation system.
- If the data saved in the USB memory uses different coordinates from the ones used in the current system, the coordinates of saved locations may change.
- When importing a saved place in USB, the place saved in the navigation may be changed.
- Check if the data is imported well before using the navigation.
- Import/Export function may not be supported depending on the USB memory format type.
- FAT16, FAT32, exFAT, and NTFS are supported.
- Some USB memories may not be supported due to compatibility issues.



Exporting saved places to USB memory

This function is used to export saved places to a USB memory.

1. Connect a USB Memory to the USB port.
2. Press [Setup] > [Navigation] > [Nav. Auto. Features] > [User Data] > [Export Saved Location Info. to USB Device] on the home screen.
3. Press [Yes].

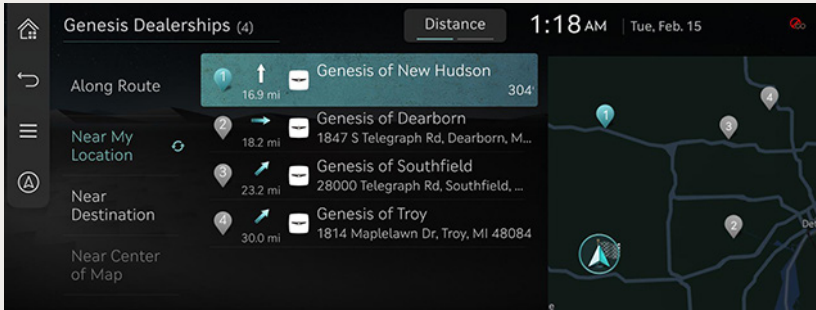
NOTE

When you export saved locations to USB, the existing saved location in USB is deleted.

SETTING DESTINATIONS BY GENESIS RETAILERS

Set a destination through Genesis retailers.

1. Press [Destination] > [GENESIS Retailers] on the home screen.

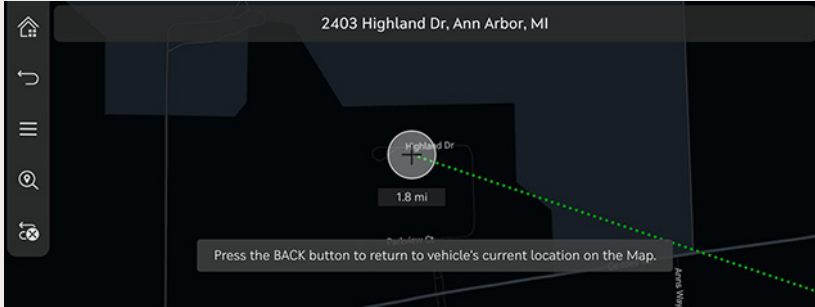



2. Press the desired place.
 - [Along Route]: Search the facilities around the route.
 - [Near My Location]: Search the facilities around the current location.
 - [Near Destination]: Search the facilities around destination or waypoint.
 - [Near Center of Map]: Search the facilities around the selected location.
3. Refer to the step 4 to 6 of "Setting destinations by search" for next steps.

SETTING DESTINATIONS VIA SCROLL

Set a destination on the currently displayed map.

1. Tap and drag the map screen.
The selected location is displayed on the center of the screen and a scroll mark is displayed.



2. Press .
3. Refer to the step 4 to 6 of "Setting destinations by search" for next steps.

NOTE



- On the map screen, the current vehicle location is fixed and you can scroll to select the location.
- Press [MAP] on the head unit to return to the current location screen.
- When [Re-center Map Automatically] is set, it automatically returns to the current location after a certain period of time.
- When the map is moved by scrolling, the location name is displayed on the top of screen.



USING THE ROUTE MENU

STOP GUIDANCE/RESUME GUIDANCE

Stop or resume the route guidance.

1. Press and hold  on the map screen to stop route guidance.
2. Press  on the map screen to resume the route guidance.


CANCEL ROUTE

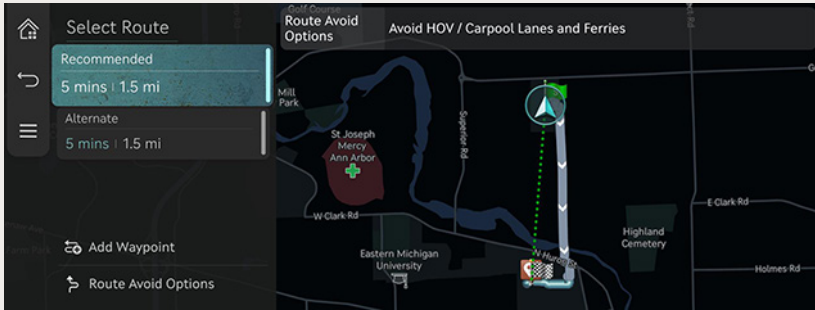
Cancel the route to the set destination.

Press  on the map screen. Or press  > [Cancel Route] on the map screen.

ROUTE OPTIONS

Various route options are available to search to the set destination.

1. Press  > [Route] > [Route Options] on the map screen.



2. Select a desired route option.
 - [Recommended]: Guides the optimal route to the destination by considering the realtime traffic information, distance and cost.
 - [Alternate]: Guides the alternative route to the destination.
 - [Add Waypoint]: Edit the route by adding a waypoint.
 - [Route Avoid Options]: Set the route options you want to avoid.

NOTE

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

EDIT ROUTE

This function allows you to edit the currently set route.

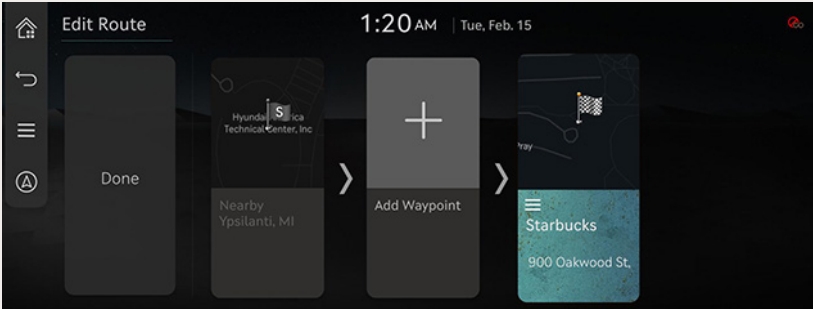
Waypoints can be added/deleted/edited and the order can be changed.

ADD WAYPOINTS

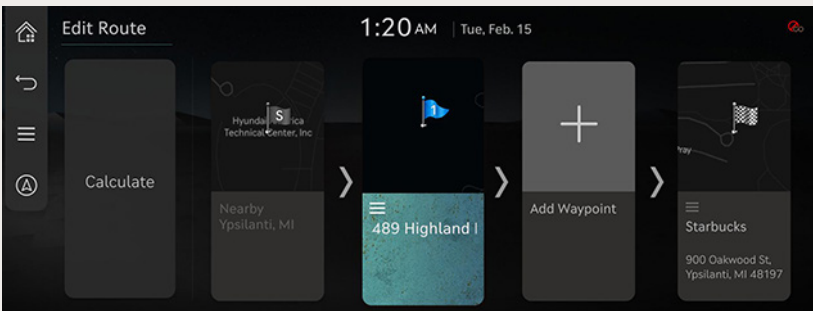
After setting the destination, you can add up to 2 waypoints.

If 2 waypoints have already been added, delete the added waypoint and add it again.

1. Press  > [Route] > [Edit Route] on the map screen.




2. Press [+].
3. Set a waypoint by using search.




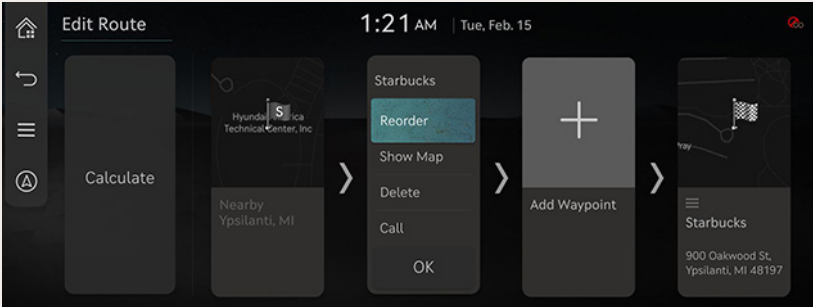
4. Repeat step 2 to 3 to add another waypoint.
5. Press [Calculate].

DESTINATION/WAYPOINTS MAP VIEW AND DELETE

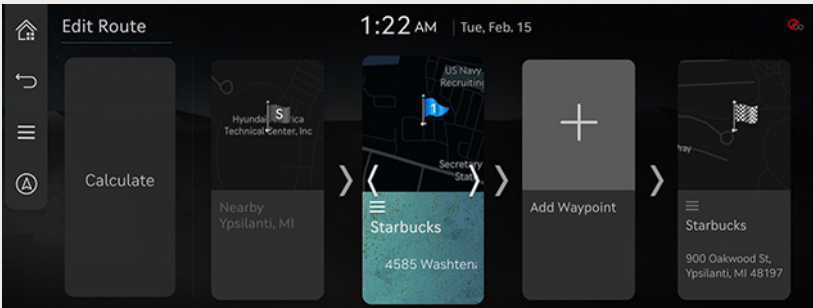
1. Press  > [Route] > [Edit Route] on the map screen.
2. After pressing the waypoint or destination, press [Show Map] or [Delete].

CHANGE ROUTE ORDER

1. Press  > [Route] > [Edit Route] on the map screen.
2. After pressing the waypoint or destination, press [Reorder].




3. Drag and drop it to the desired order.

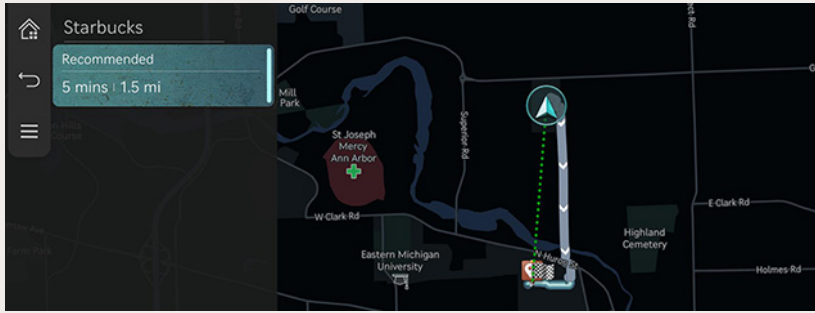


4. Press [Calculate].

ROUTE OVERVIEW

Check the route overview to the set destination.

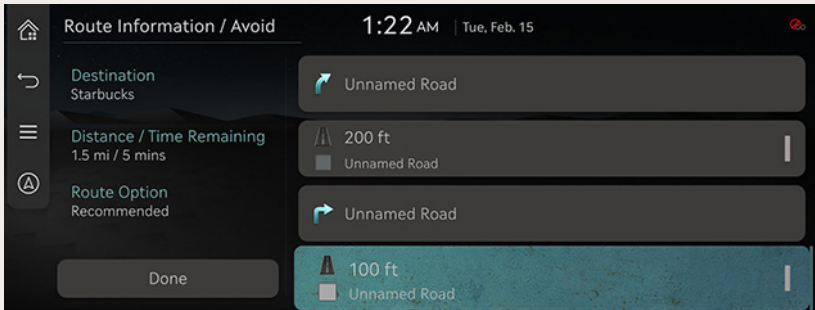
Press  > [Route] > [Route Overview] on the map screen.



ROUTE INFORMATION/AVOID

Check the route information and search for new route by avoiding the selected road(s).


1. Press  > [Route] > [Route Information/Avoid] on the map screen.

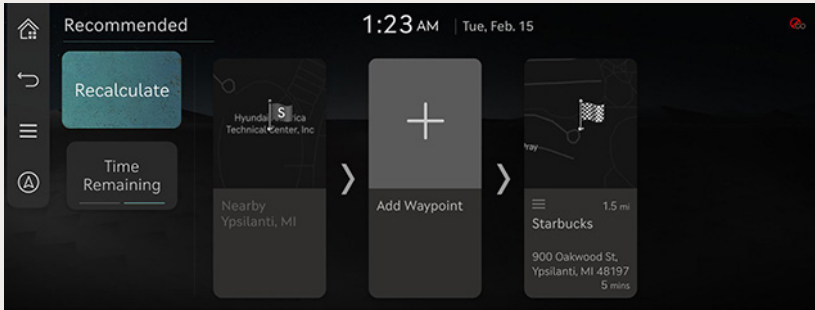


2. Select the road you want to avoid, and press [Reroute].
3. Press [Yes].

DESTINATION INFO

Shows the remaining distance, the estimated time required and the estimated time of arrival to the set destination.

1. Press  > [Route] > [Destination Info.] on the map screen.



2. Select a desired information.
 - [Recalculate]: Re-search to the route to the currently set destination.
 - [Arrival Time]: Displays the estimated arrival time to the destination. You can change the setting by pressing the button to display the remaining time.
 - [Time Remaining]: Displays the estimated time required to arrive at the destination. You can change the setting by pressing the button to display the arrival time.

GENESIS CONNECTED SERVICES





GENESIS CONNECTED SERVICES

The Genesis connected services function is supported for vehicles purchased in the US. This function is not supported according to the vehicle.

BEFORE USING GENESIS CONNECTED SERVICES

WHAT IS GENESIS CONNECTED SERVICES?

The telematics service by Genesis connected services supporting not only the security, the diagnosis and the remote control, but also the more comfortable and driving experience through smartphone connection based on the most advanced IT system.

Experience smarter driving with Genesis 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 builtin terminal by analyzing each symptom and driving state. This allows for a much safer and more comfortable driving experience.

REGARDING WIRELESS SIGNAL TRANSMISSION AND RECEPTION

The service can be limited depending the environment of mobile communication network operated by the mobile communication service provider.

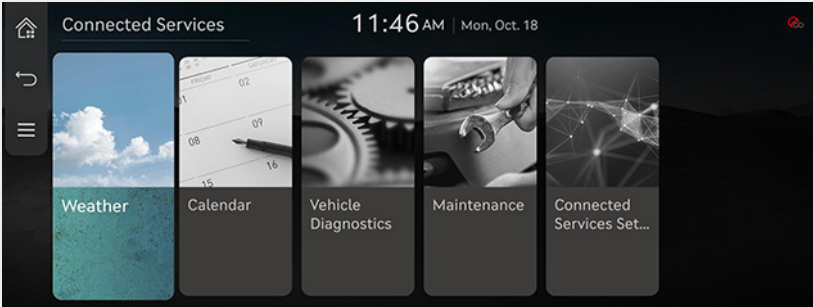
Some impacts to the service connection and/or the transmission/reception of wireless data can be expected at the following locations:

- In tunnels
- Mountain areas or heavily forested roads
- Roads closes to cliffs
- Building concentrated area
- Roads passing under highway or overpasses
- Insides of buildings
- Shaded areas due to the service provider's policy on the network coverage

GENESIS CONNECTED SERVICES MENU

Genesis connected services features are available when the service is subscribed. Additional costs may occur by using Genesis connected services. Depending on the subscription plan, the available features may differ.

1. Press [Connected Services] on the home screen.



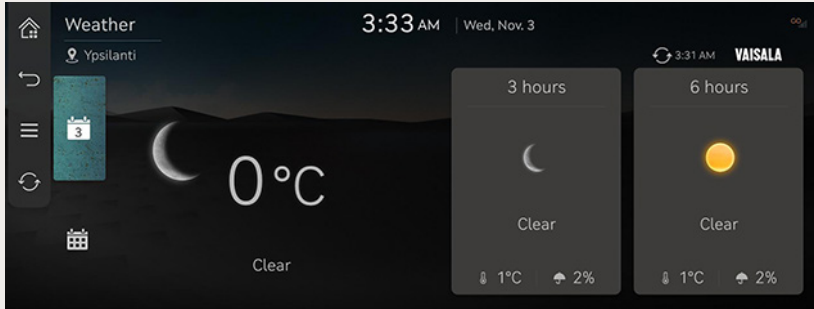
2. Select a desired item.

- [Weather]: Checks the weather information.
- [Calendar]: Checks the events of the connected calendar in the connected service app.
- [Vehicle Diagnostics]: Checks the abnormal state of the vehicle and check the diagnosis result.
- [Maintenance]: Checks the maintenance service.
- [Connected Services Settings]: Sets the connected services.

WEATHER

Based on the vehicle location, the current location weather information and the destination weather information set in the vehicle is provided in real time.

Press [Connected Services] > [Weather] on the home screen.



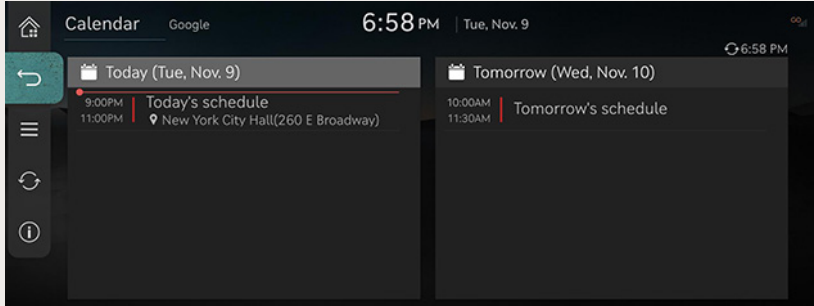
CALENDAR

videopage011

The customer's calendar (Google or iCloud) must be linked through the Genesis connected services app at first.

In the vehicle, you can check the schedule on the linked calendar and set a destination in the included location information.

Press [Connected Services] > [Calendar] on the home screen.

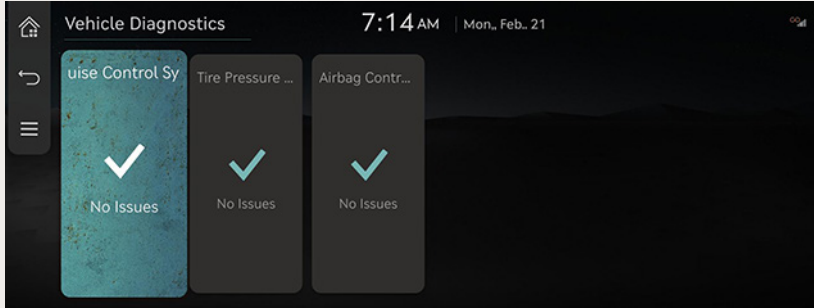


VEHICLE DIAGNOSTICS

videopage002

The vehicle diagnostics feature automatically performs diagnostics on your car when a warning light comes on the cluster panel and displays the details of the vehicle malfunction on the screen for the driver.

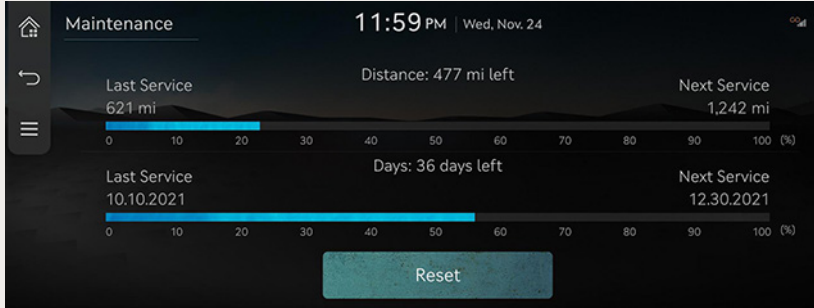
Press [Connected Services] > [Vehicle Diagnostics] on the home screen.



MAINTENANCE

Checks the maintenance service.

Press [Connected Services] > [Maintenance] on the home screen.



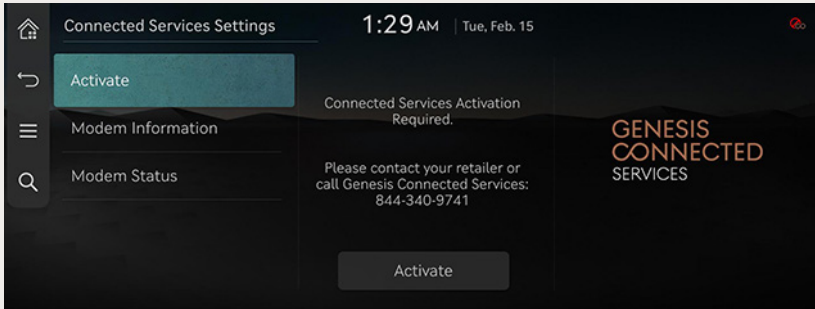
CONNECTED SERVICES SETTINGS

Service activation (when the service is not activated)

After you buy your car, you need to activate (register for) Genesis connected services to use any Genesis connected services features.

< USA >

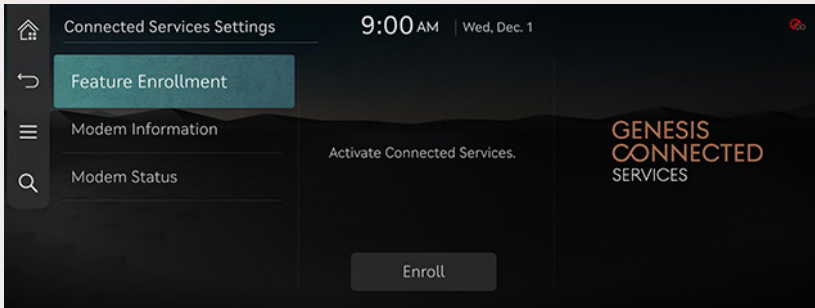
1. Press [Connected Services] > [Connected Services Settings] > [Activate] on the home screen.



2. Press [Activate].

< Canada >

1. Press [Connected Services] > [Connected Services Settings] > [Feature Enrollment] on the home screen.



2. Press [Enroll].



 **NOTE**

- Activation may take up to five minutes.
- Do not turn the engine off while activation is in progress.
- If activation fails, please contact your authorized dealer.
- During service activation, the hard keys in the head unit do not work.

Service activation (when the service is expired)

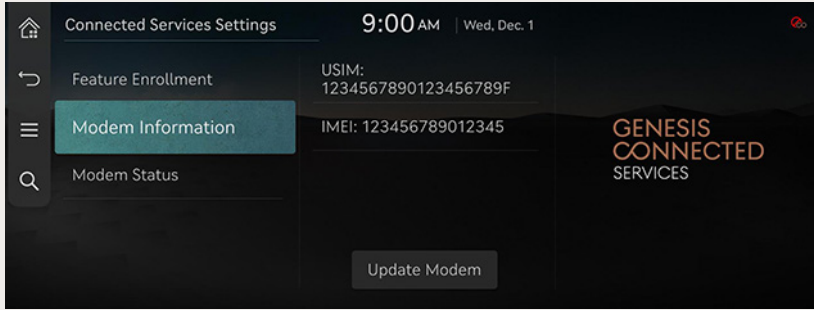
If your services period is expired, the services features are not available.



Modem Information

Checks the modem information.

Press [Connected Service] > [Connected Services settings] > [Modem Information] on the home screen.





GENESIS 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 emergency services by pressing the dedicated [SOS] button in the vehicle.

This action transmits vehicle information and location to specially trained response specialists, who assist in coordinating the dispatch of appropriate emergency assistance to the customer.

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

Roadside assistance (in Canada)

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



CAR CARE

Monthly vehicle health report

You can begin receiving a comprehensive diagnostic evaluation involving most aspects of your vehicle's performance.

Automatic diagnostics trouble code notification

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

Maintenance alert

This feature helps you keep your vehicle in optimum running order by notifying you in advance of regularly scheduled maintenance intervals.

Notification is made via your choice of text messaging or email.



REMOTE SERVICE

Remote door lock/unlock

With this feature, you can lock or unlock your vehicle doors from virtually anywhere by using the Genesis connected services mobile apps, or using the Genesis connected services owner's website.

Remote horn/lights

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

Remote 360 view

This function allows the user to find the current position of the vehicle and check the image around the vehicle via the smartphone.



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 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.

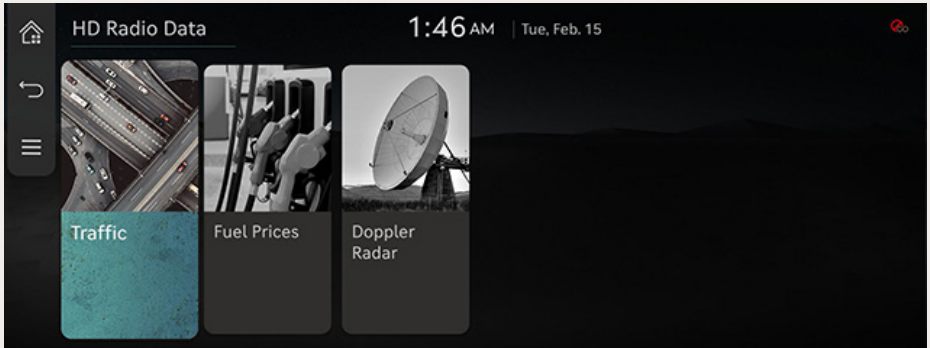
DATA SERVICES



DATA SERVICES

HD Radio™ data service provides a variety of information. (Traffic, doppler radar, etc.)

1. Press [HD Radio Data] on the home screen.

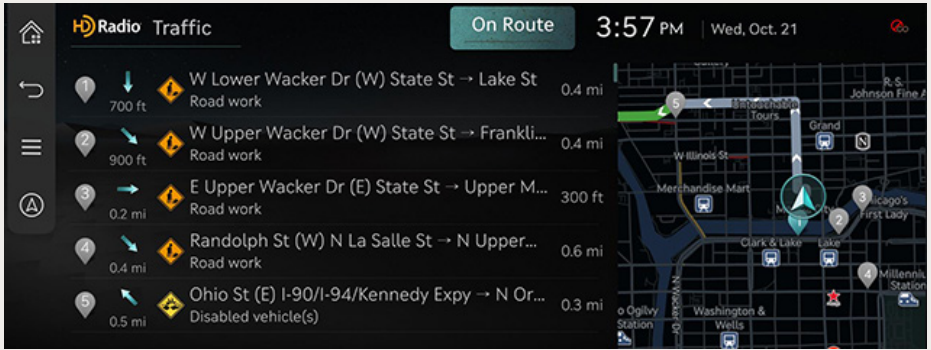


2. Select a desired information.
 - [Traffic]: Shows traffic information.
 - [Fuel Prices]: Shows fuel price information.
 - [Doppler Radar]: Shows Doppler radar weather information.

TRAFFIC INFORMATION

Check the current traffic condition or accident information.

1. Press [HD Radio Data] > [Traffic] on the home screen.



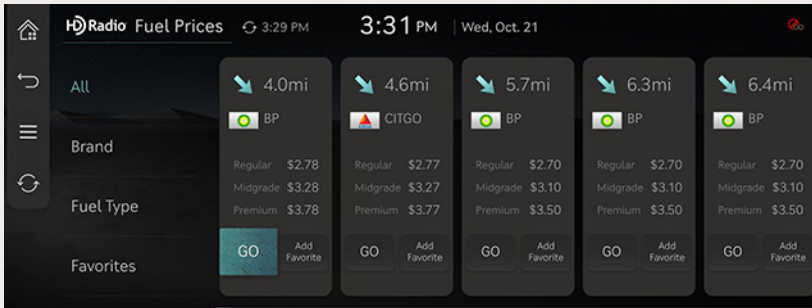
2. Press the desired information to check in detail..

! NOTE

This function may not be reflected depending on condition.

FUEL PRICES

1. Press [HD Radio Data] > [Fuel Prices] on the home screen.

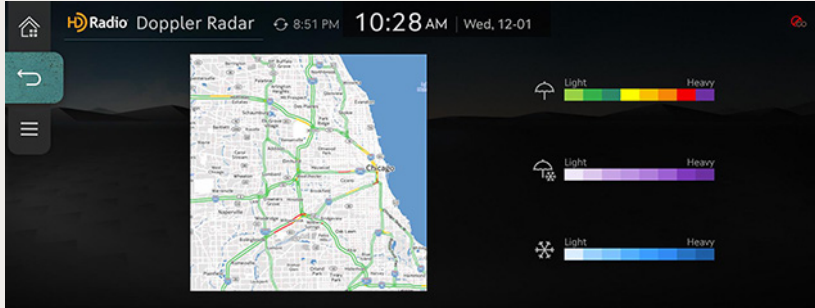


2. Press the desired item to view detailed information.

DOPPLER RADAR

When the vehicle is within an area that can receive HD Radio™ signals, it provides Doppler radar information for that area.

Press [HD Radio Data] > [Doppler Radar] on the home screen.

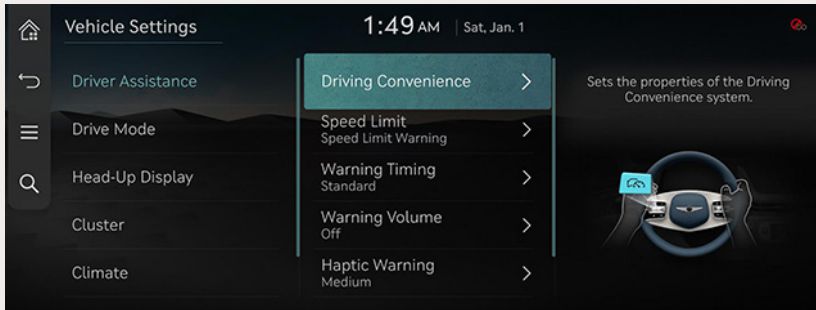


DRIVER ASSISTANCE



DRIVER ASSISTANCE

1. On the vehicle settings screen, press [Driver Assistance].



2. Press the desired item.

Driving Convenience

You can set the properties of driving assistance systems.

- [Smart Cruise Control]: Sets the properties of the smart cruise control system.
- [Highway Driving Assist]: Assists driving on a highway according to the set speed and distance while keeping the vehicle centered in the lane.

videopage025

- [Highway Lane Change Assist]: Automatically assists with lane changes on a highway when operating the turn signal switch.
- [Highway Auto Speed Change]: Automatically adjusts the vehicle speed on a highway based on navigation data.

Speed Limit

You can set the properties of the speed limit system.

- [Speed Limit Offset]: Adjusts the offset of the speed limit.
- [Auto Speed Change]: Auto-adjusts vehicle speed based on the posted speed limit.
- [Speed Limit Assist]: Adjusts the vehicle speed based on the current speed limit of the road.
- [Speed Limit Warning]: Displays the current speed limit of the road.
- [Off]: Disables the function.

Warning Timing

Sets the timing of the warning.

Warning Volume

Sets the volume of the warning sound.

Haptic Warning

Sets the intensity of the steering wheel vibration warning.

Driver Attention Warning

You can set the properties of driver attention warning system.

- [Leading Vehicle Departure Alert]: Alerts the driver during a stop, when the leading vehicle departs.
- [Forward Attention Warning]: Provides a warning when the driver is not looking forward.
- [Inattentive Driving Warning]: Warning of driver inattentiveness and recommendation of a rest if needed.

Forward Safety

You can set the properties of forward safety system.

- [Forward Cross-Traffic Safety]: Provides a warning and emergency braking when a risk of forward cross-traffic collision is detected.
- [Active Assist]: Provides a warning and vehicle control when a risk of forward collision is detected.
- [Warning Only]: Provides a warning when a risk of forward collision is detected.
- [Off]: Disables the function.

Lane Safety

You can set the properties of lane safety systems.

- [Assist]: Automatically assists with steering to help prevent the vehicle from leaving the lane.
- [Warning Only]: Provides a warning when the vehicle leaves the lane without operating the turn signal switch.
- [Off]: Disables the function.

Blind-Spot Safety

You can set the properties of blind-spot safety system.

- [Blind-Spot View Monitor] (If equipped): Displays the blind spot view in the cluster when operating the turn signal control.
- [Safe Exit Assist]: Provides a warning and door control when an approaching vehicle is detected in the vehicle's blind spot.
- [Safe Exit Warning]: Provides a warning when an approaching vehicle is detected in the vehicle's blind spot.
- [Active assist]: Provides a warning and vehicle control when a risk of blind-spot collision is detected.
- [Warning only]: Provides a warning when a risk of blind-spot collision is detected.
- [Off]: Disables Blind-Spot Safety functions.

Parking Safety

videopage006

videopage007

You can set the properties of parking safety system.

- [Camera Settings]: Sets the properties of camera.
- [Surround View Monitor Auto On] (If equipped): Automatically activates surround view monitor when parking distance warning activates.
- [Parking Distance Warning Auto On]: Automatically activates parking distance warning when driving at low speeds.
- [Front/Side Safety]: Provides a warning and emergency braking when a risk of forward or side collision is detected.
- [Rear Safety]: Provides a warning and emergency braking when a risk of rear collision is detected while reversing.
- [Rear Active Assist]: Provides a warning and emergency braking when a risk of rear collision is detected while reversing.

videopage027

- [Rear Warning Only]: Provides a warning when a risk of rear collision is detected while reversing.
- [Off]: Disables the function.
- [Rear Cross-Traffic Safety]: Provides a warning and emergency braking when a risk of rear cross-traffic collision is detected while reversing.

Snow Chains Installed

Select 'snow chains installed' to protect the vehicle by deactivating the rear wheel steering system.

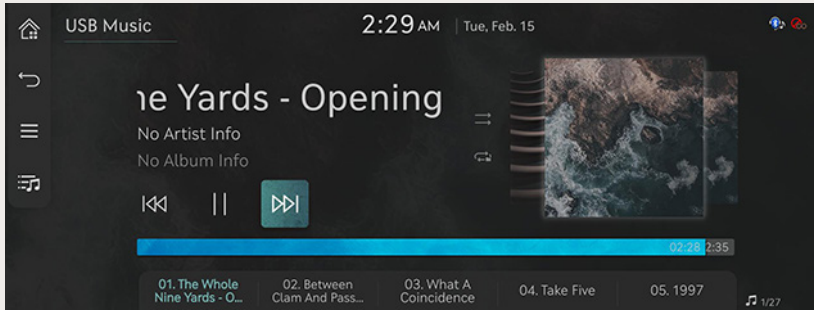
MEDIA



PLAYING USB

PLAYING USB MUSIC

Connect a USB memory to USB connection terminal.



! NOTE

To play the connected USB music while other media is playing, press the [≡] > [Media Sources] > [USB Music] on the others media screen.

PAUSE/PLAY MUSIC

Pause or plays the file.

Location	Details
Screen	<ul style="list-style-type: none"> • Touch [⏸] during play. • Touch [▶] during pause.
Controller	<ul style="list-style-type: none"> • Press controller during play. • Press controller during pause.


PLAY PREVIOUS/NEXT MUSIC

Plays the previous or next music.


Location	Details
Screen	Touch [⏮▶▶].

FORWARD/REVERSE SEARCH MUSIC

Rapidly searches the music in play.

Location	Details
Screen	After touching on [] for a long time and release the finger at the desired spot, the music starts from that spot.

NOTE

- When pressing [] for 5 seconds or longer, the play speed changes as 4X > 20X.
- No audio is on during forward/reverse searching.


SEARCH PREVIOUS/NEXT MUSIC

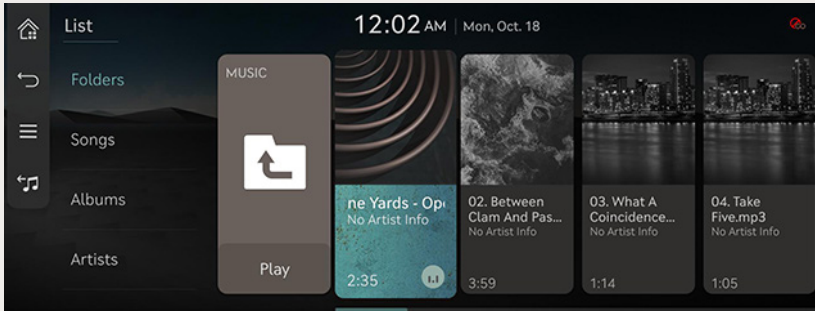
Searches for the previous or next music.

Location	Details
Front seat control key	Rotate [TUNE] to up/down. And when the desired music is displayed press the button.
Controller	Rotate controller to left/right, and when the desired music is displayed press controller.

VIEWING LIST



Plays the desired music by searching the list.

1. Press  on the play screen, Or press  > [List].



2. On the list screen, search for the desired music by category. (Folders, songs, albums, or artists)
3. Select the desired music, the music will play.

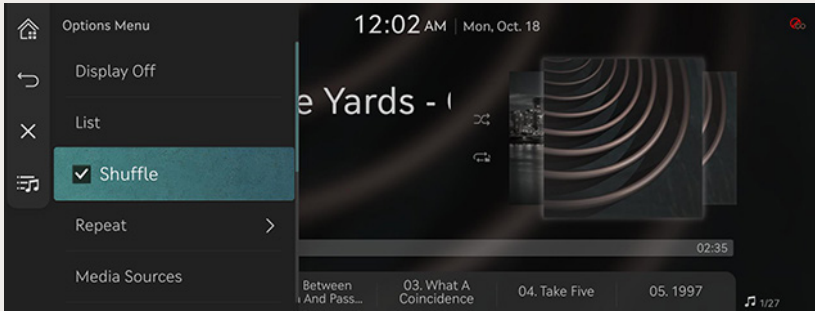
NOTE

- Press  to move to the upper level folder.
- If you press [Play] on the list screen, plays from the first song within the selected folder.
- To play repeatedly including the contents of a subfolder, press  > [Repeat All in Folder].

SHUFFLE


Plays the entire music randomly.

1. Press  > [Shuffle] on the play screen.




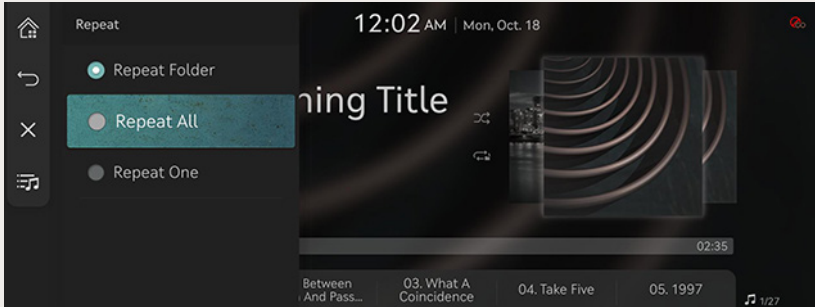
2. Check on the box left to [Shuffle] to set random play. To cancel the random play, press [Shuffle] again.

NOTE

Press  on the screen to enable/disable the shuffle play.





REPEAT





1. Press  > [Repeat] on the play screen.



2. Press a desired repeat mode.
 - [Repeat Folder]: Plays all music in the current folder repeatedly.
 - [Repeat All]: Plays the entire music repeatedly.
 - [Repeat One]: The currently playing music is played repeatedly.
 - [Repeat Album]/[Repeat Artist]: When playing in the album or artist category, all music in the category are played repeatedly.


NOTE

Press /[]/[]/[] on the playing screen to activate repeat.

- : 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

SONGS FOR THIS ARTIST

Moves the artist list of the current song.


Press  > [Songs for This Artist] on the play screen.

NOTE

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

SONGS FOR THIS ALBUM

Moves the album list of the current song.

Press  > [Songs for This Album] on the play screen.


NOTE

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


HIDE CURRENT FILE

Moves the music currently in play to hidden_folder.

The move music is not shown in playlist and not available for play.

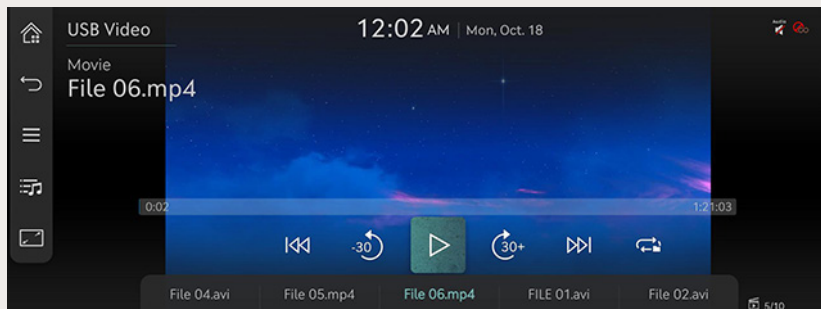
Press  > [Hide Current File] on the play screen.

SOUND SETTINGS


1. Press  > [Sound Settings] on the play screen.
2. For more details, refer to the "Sound settings".

PLAYING USB VIDEO

Connect a USB memory to USB connection terminal.





! NOTE


- To play USB video while the other media is in play, press  > [Media Sources] > [USB Video] on the others media screen.
- For the safety, the video is not supported and other partial features are restricted while the vehicle is in driving condition. However, the audio is played.
- Even when the vehicle stops, if the gear is not in "P" position, the video is not supported.

PAUSE/PLAY FILE

Pauses or plays the file.

Location	Details
Screen	<ul style="list-style-type: none"> • Touch  during play. • Touch  during pause.
Controller	<ul style="list-style-type: none"> • Press controller during play. • Press controller during pause.

FULL SCREEN MODE


Location	Details
Screen	<ul style="list-style-type: none"> • Touch the screen, • Touch [].
Controller	When controller is dragged to up or down or pressed on the entire screen, basic mode screen opens.

NOTE

When no control within 5 seconds on basic mode screen, it automatically switches to the entire screen.


PLAY PREVIOUS/NEXT FILE

Plays the previous or next file.


Location	Details
Screen	Touch [].

FORWARD/REVERSE SEARCH FILE

Rapidly searches the file in play.

Location	Details
Screen	After touching on [] for a long time and release the finger at the desired spot, the file starts from that spot.

NOTE

- When pressing [] for 5 seconds or longer, the play speed changes as 4X > 20X.
- No sound is on during forward/reverse searching.



SEARCHING PREVIOUS/NEXT FILE

Searches for the previous or next file.

Location	Details
Front seat control key	Rotate [TUNE] to up/down. And when the desired file is displayed press the button.
Controller	Swipe the touch pad left or right to select the desired file.



MOVE BEFORE/AFTER 30 SECONDS

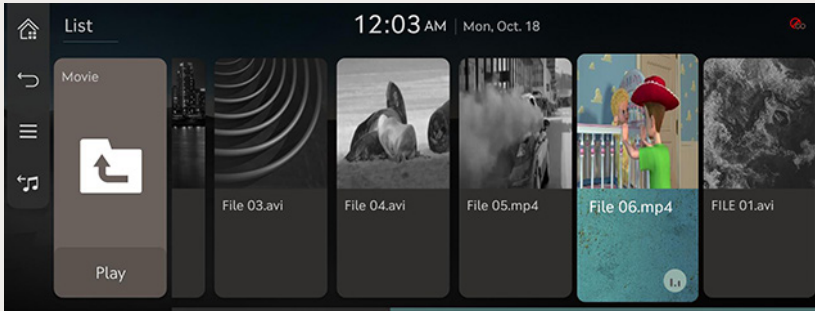
Moves the playing file 30 seconds before/after.

Location	Details
Screen	Press [-30] / [(30*)].

VIEWING LIST



Plays the desired file by searching the list.

1. Press  on the play screen, Or press  > [List].




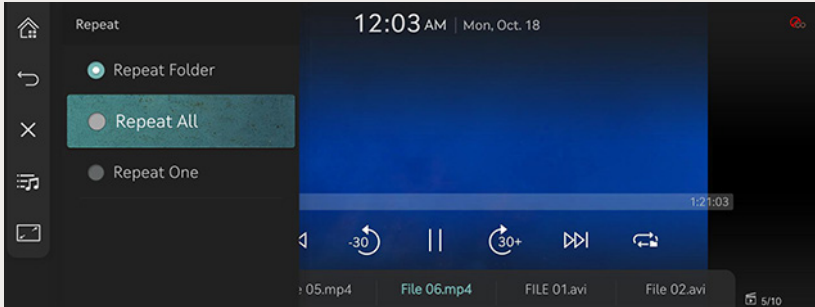
2. Select the desired file, the file will play.

NOTE

- Press  to move to the upper level folder.
- If you press [Play] on the list screen, plays from the first file within the selected folder.
- To play repeatedly including the contents of a subfolder, press  > [Repeat All in Folder].

REPEAT




1. Press  > [Repeat] on the play screen.



2. Press a desired repeat mode.
 - [Repeat Folder]: Plays the entire file repeatedly.
 - [Repeat All]: Plays all file in the current folder repeatedly.
 - [Repeat One]: The currently playing file is played repeatedly.

NOTE


Press // on the playing screen to activate repeat.

- : Repeat all
- : Repeat folder
- : Repeat one



FILE INFORMATION


Checks the information of the file.

Press  > [File Information] on the play screen.

SUBTITLE SETTINGS


Available to use for a file supporting multiple-subtitles.

Selects the subtitle displayed on the screen.


1. Press  > [Subtitle Settings] on the play screen.
2. Select the desired option.

VOICE SETTINGS

Available to use for a file supporting multiple voice.


1. Press  > [Voice Settings] on the play screen.
2. Select a desired voice.

SOUND SETTINGS

1. Press  > [Sound Settings] on the play screen.
2. For more details, refer to the "Sound settings".

DISPLAY SETTINGS

Adjusts brightness/contrast/saturation for video play.

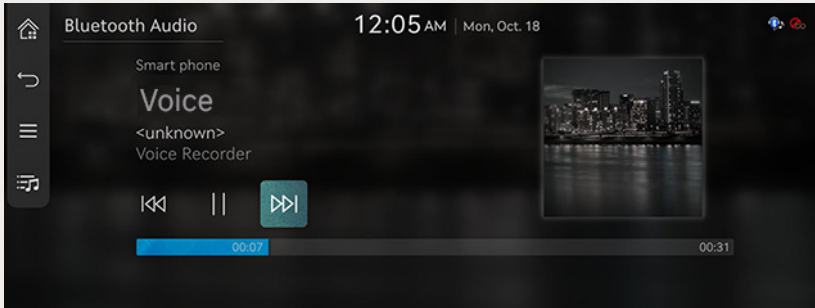
1. Press  > [Display Settings] on the play screen.
2. For more details, refer to the "Display settings".

PLAYING BLUETOOTH AUDIO

ACTIVATING BLUETOOTH AUDIO MODE


- 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.
- The audio streaming function may not be supported in some mobile phones.

1. Press [Media] > [Bluetooth audio] on the home screen.



2. Plays the last music previously played.

! NOTE

- When Bluetooth audio is connected, Bluetooth audio menu is activated.
- To play the connected Bluetooth audio while other media is playing, press  > [Media Sources] > [Bluetooth Audio] on the others media screen.



PAUSE/PLAY MUSIC

Location	Details
Screen	<ul style="list-style-type: none"> • Touch [⏸] during play. • Touch [▶] during pause.
Controller	<ul style="list-style-type: none"> • Press controller during play. • Press controller during pause.

NOTE

Some mobile phone models may not support this feature.

PLAY PREVIOUS/NEXT MUSIC

Plays the previous or next music.


Location	Details
Screen	Touch [⏮/⏭].

NOTE


Some mobile phone models may not support this feature.

CHANGE DEVICE


You can connect the head unit and another Bluetooth device already paired.

Press  > [Change Device].

NOTE

You can use the change device function by pressing  on the playing screen.

SOUND SETTINGS

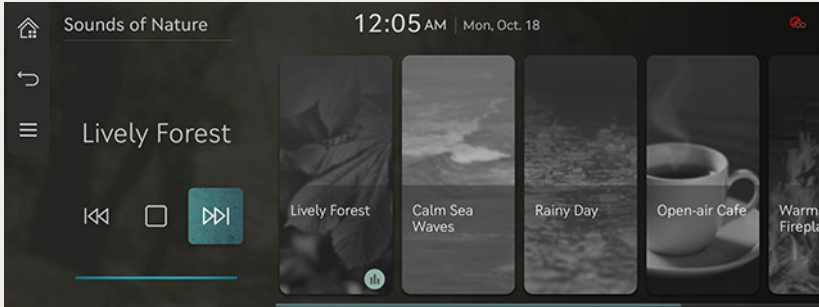
1. Press  > [Sound Settings] on the play screen.
2. For more details, refer to the "Sound settings".

PLAYING SOUNDS OF NATURE

ACTIVATING SOUNDS OF NATURE MODE


You can play the sounds of nature offered by the system.

1. Press [Media] > [Sounds of Nature] on the home screen.




2. Press a desired sound.

! NOTE

To play the sounds of nature while other media is playing, press  > [Media Sources] > [Sounds of Nature] on the others media screen.

SOUND SETTINGS

1. Press  > [Sound Settings] on the play screen.
2. For more details, refer to the "Sound settings".

PLAYING PHONE PROJECTION

ACTIVATING PHONE PROJECTION MODE

1. To connect your mobile phone to the USB port, use a genuine Apple USB cable for Apple CarPlay, and use a standard USB cable for Android Auto.
2. Select [Android Auto] or [Apple CarPlay] on the home screen.
3. You can use the phone projection function.

NOTE

- Before connecting your mobile phone, make sure that the connection settings for [Use Phone Projection when Connecting to USB] is checked on the phone projection settings.
- To use Android Auto or Apple CarPlay after connecting your mobile phone, please unlock it.
- You may need to agree to use Android Auto or Apple CarPlay, depending on the type of the mobile phone you use.
- The screens and features displayed in the infotainment system can be changed according to the policy of each company.

Cautions - 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 settings.
- 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>)



Cautions- 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 settings.
- 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/>)

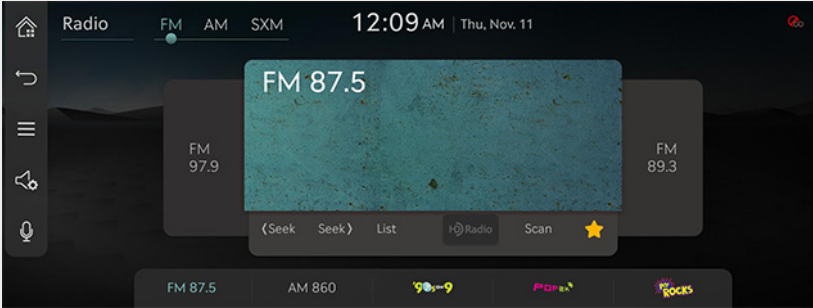
RADIO



LISTENING TO RADIO

ACTIVATING RADIO MODE

1. Press the [RADIO] button on the head unit. Or press [Radio] on the home screen.



2. The last listened mode among FM, AM or SiriusXM plays.

! NOTE

- Press the [RADIO] button on the head unit to change to the desired mode.
- Each time the [RADIO] button on the head unit is pressed, the radio mode is switched.

SELECTING THE RADIO STATION

MANUALLY SELECTING A RADIO STATION

Turns the [TUNE] button on the front seat control key to select a radio station.

AUTOMATICALLY SELECTING A RADIO STATION

In FM/AM mode, press [Scan].

RADIO STATION PRESET LIST

Listening the radio is available by selecting a station saved in preset list.

In FM or AM mode, press the preset list where the desired station is saved or swipe the optical touch pad on steering wheel remote control to listen the desired station.

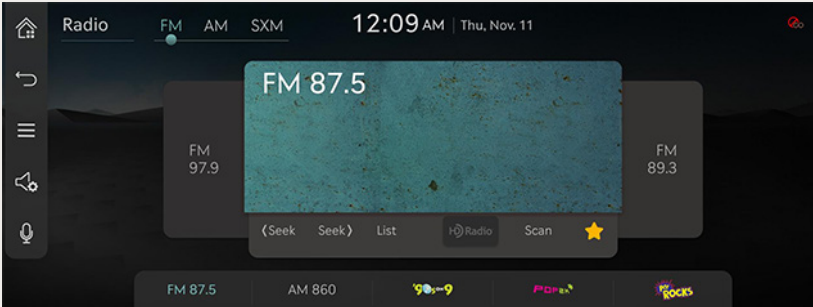


RADIO STATION FAVORITES

ADDING TO PRESETS

Adds the desired radio stations to the presets.

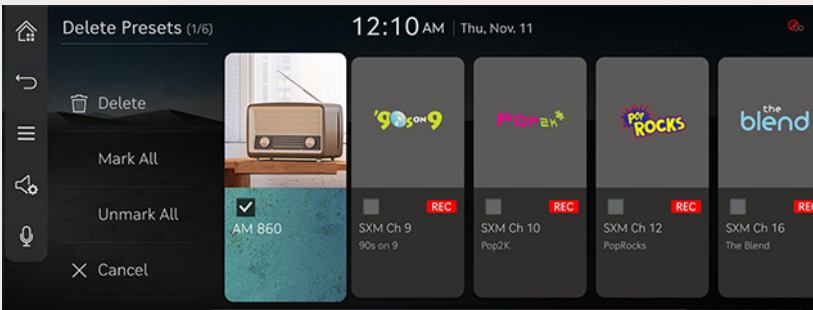
1. Press the desired radio mode.
2. Select a station desired to save.



3. Press [☆].

DELETING THE PRESETS


1. Press the desired radio mode.
2. Press [≡] > [Delete Presets].

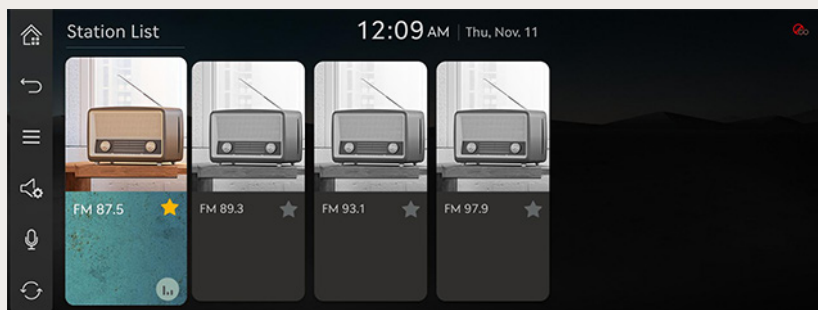


3. Select the desired item, press [Delete] > [Yes].

STATION LIST

Checks radio stations with good reception.

1. Press  > [Station List] on the screen.



2. Press the desired broadcast station.

SCANNING RADIO STATIONS

All radio stations are scanned, and only radio stations with good reception are played every 5 seconds.

1. Press the desired radio mode.
2. Press [Scan].



NOTE

Pressing [Stop] during scanning cancels the scan and returns to the previous radio station.




SHOW RADIO TEXT

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

Press  > [Show Radio Text] in FM mode.

SOUND SETTINGS

1. Press  > [Sound Settings].
2. For more details, refer to the "Sound settings".

LISTENING TO HD RADIO™


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

ACTIVATING HD RADIO™ MODE

1. Press the desired radio mode.

If an HD Radio™ broadcast is received, the radio mode will switch from analog broadcast to HD Radio™ broadcast.



2. Press  > [HD Radio].
3. The HD Radio™ will be off and switch to analog broadcast.

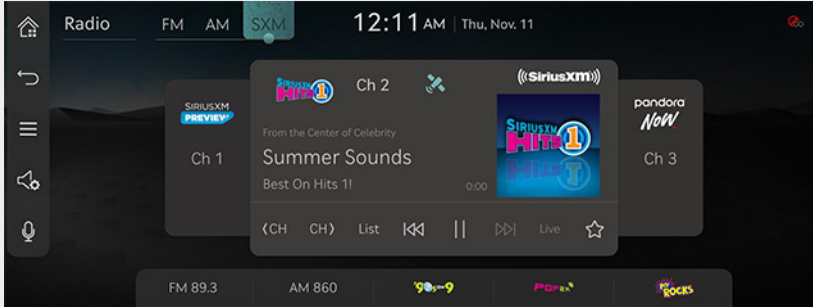
NOTE

- HD Radio™ reception is available when the vehicle is in radio mode.
- The ways of saving preset and searching for frequencies for standard radios are identical for HD Radio™.
- The HD Radio™ icon will be displayed when the vehicle is within regions where HD Radio™ signals can be received.
- 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

ACTIVATING SIRIUSXM™ MODE

1. Press [RADIO] button on the head unit. Or press [Radio] on the home screen.
2. Press [SXM].



3. The SiriusXM radio screen of the most recent listened channel will be displayed.

SELECTING SIRIUSXM CHANNEL

MANUALLY SELECTING A CHANNEL

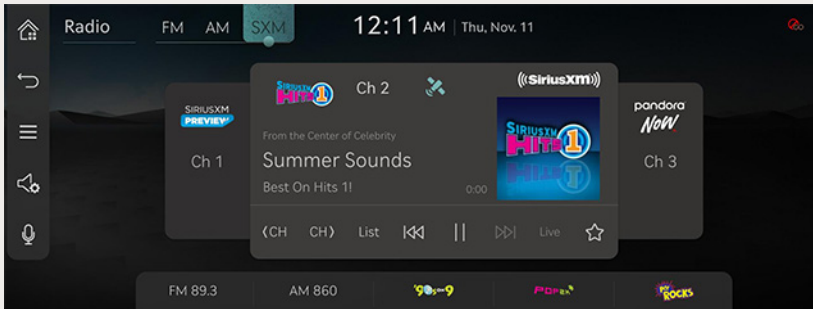
- On the SiriusXM radio screen, press [< CH] or [CH >] to select a channel.
- Turns the [TUNE] button on the front seat control key to select a channel.

SIRIUSXM CHANNEL FAVORITES

ADDING CHANNEL TO PRESETS


A total of 40 presets and channels including FM/AM/SiriusXM channels can be saved.

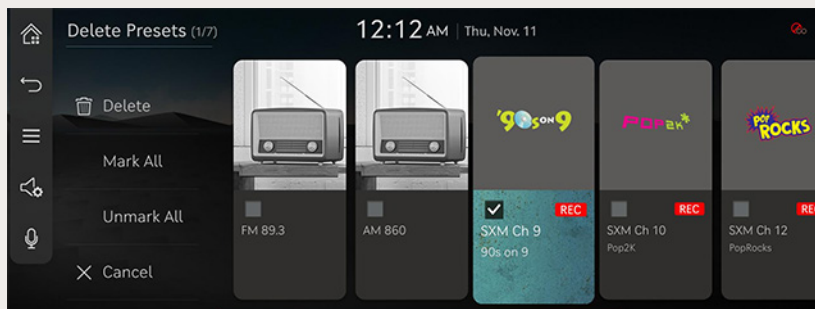
1. On the SiriusXM radio screen, select a channel.



2. Press [☆].

DELETING CHANNEL FROM THE PRESETS

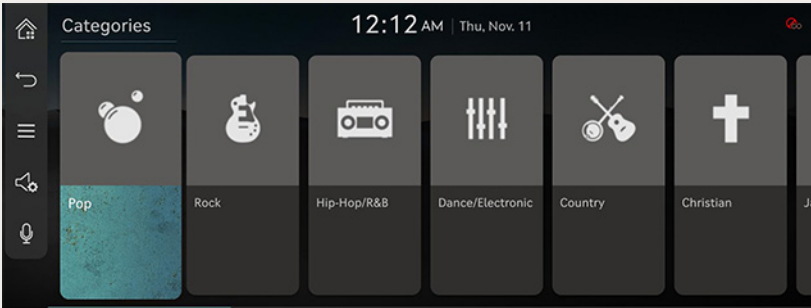
1. On the SiriusXM radio screen, press  > [Delete Presets].



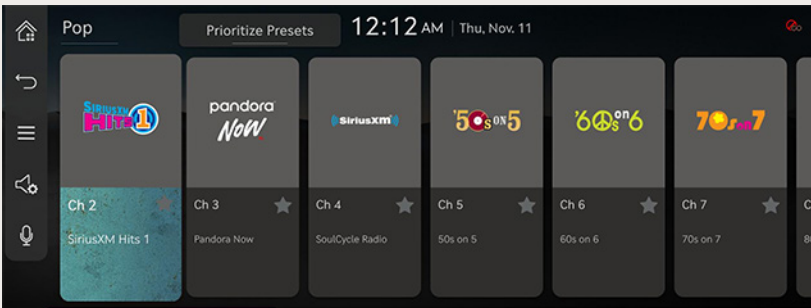
2. Select the desired item, press [Delete] > [Yes].

CATEGORY LIST

1. On the SiriusXM radio screen, press [List].



2. Press the desired item.

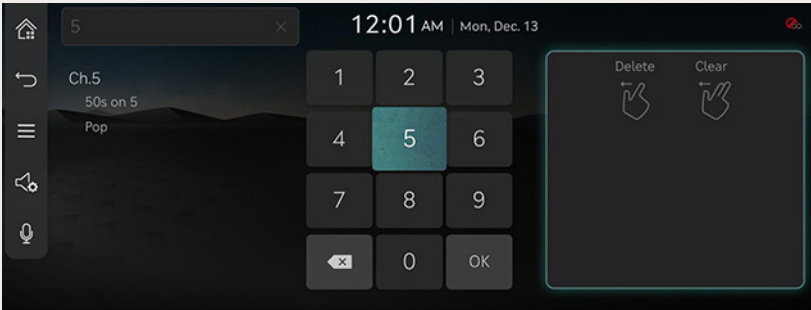


- [Prioritize Presets]: Displays the channels saved in the preset as priority.
- [☆]: Saves channels to the presets.

ENTER CHANNEL NUMBER

Enters a channel number to search for a channel.


1. On the SiriusXM radio screen, press [Enter Channel].

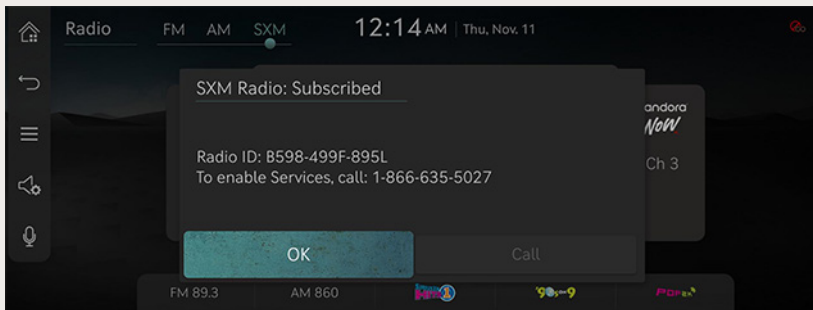


2. Enter the channel number.
3. The searched channel is received.

SUBSCRIPTION STATUS

Checks the subscription status of SiriusXM.

On the SiriusXM radio screen, press  > [Subscription Status].



! NOTE

- If you have not subscribed to the SiriusXM service, press [Call] to enable services.
- It is available only when your phone is connected via Bluetooth.

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 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

- 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

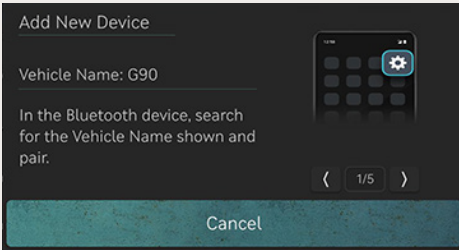
- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth features.
- If you do not want automatic connection with your Bluetooth device, turn the Bluetooth feature off of the Bluetooth device.
- Park the vehicle when pairing the head unit with the 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

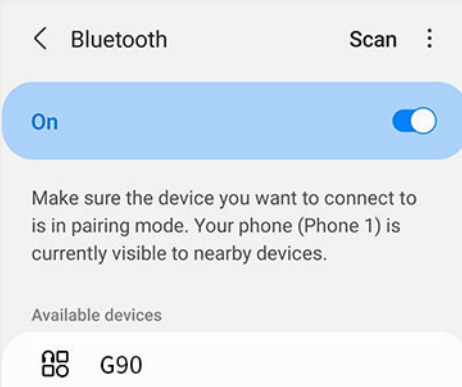
To use the Bluetooth feature, make sure the Bluetooth on your phone is turned on. Refer to your phone's user guide.

WHEN NO PHONES HAVE BEEN PAIRED

1. Press [Phone] on the home screen. Or press the Bluetooth call button on the steering wheel remote control.

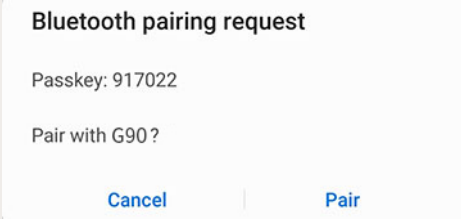


2. Search and select the vehicle name on Bluetooth device registration waiting screen.



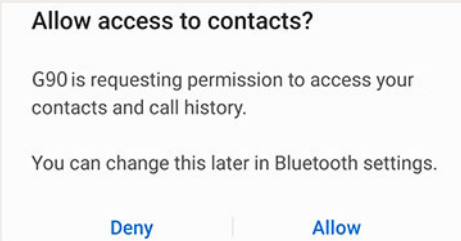
<Ex: Bluetooth device screen>

3. Checks the passkey and approve the registration on the Bluetooth device.



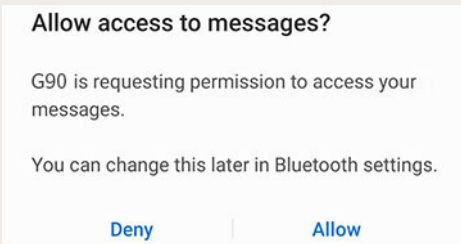
<Ex: Bluetooth device screen>

4. Requests permission to access your contacts and call history.



<Ex: Bluetooth device screen>

5. Requests permission to access your messages.



<Ex: Bluetooth device screen>

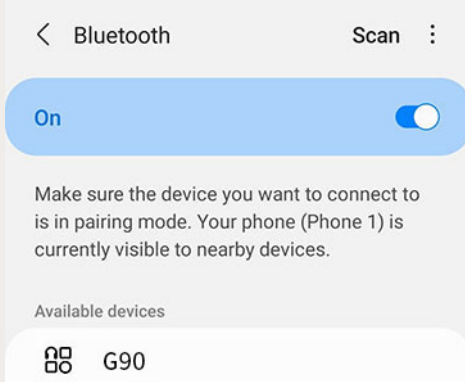
6. The Bluetooth device is connected.

NOTE

- The initial vehicle name is registered as purchased vehicle name.
- Depending on the Bluetooth device or Android, iOS phone, the message may appear differently.
- For iOS phones, set the Bluetooth notification.

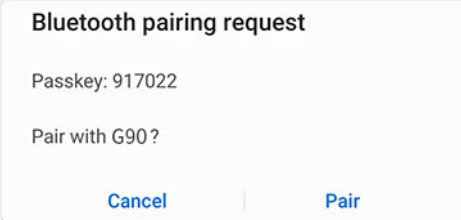
WHEN A PHONE IS ALREADY PAIRED

1. Press [Setup] > [Device Connections] > [Device Connections] on the home screen.
Press the name of device to connect.
2. To add a new Bluetooth device, press [Add].
3. Search and select the vehicle name on Bluetooth device registration waiting screen.



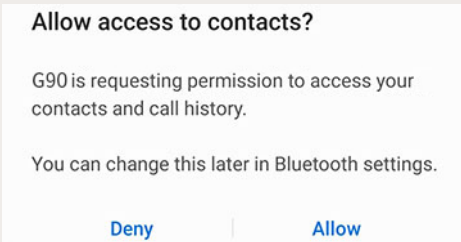
<Ex: Bluetooth device screen>

4. Checks the passkey and approve the registration on the Bluetooth device.



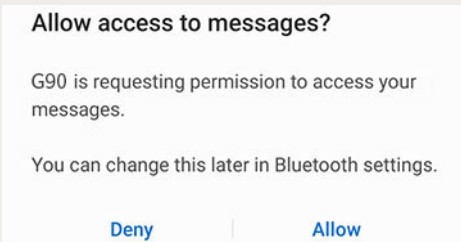
<Ex: Bluetooth device screen>

5. Requests permission to access your contacts and call history.



<Ex: Bluetooth device screen>

6. Requests permission to access your messages.




<Ex: Bluetooth device screen>

7. The Bluetooth device is connected.


 **NOTE**

- Up to 6 Bluetooth devices are allowed for the registration.
- One Bluetooth hands-free or two Bluetooth audio device are allowed.
- Only one Bluetooth device is allowed for each registration.
- No device can be registered while connecting a Bluetooth device.
- Only features related to Bluetooth Hands-free, the phonebook synchronization, the message synchronization and Bluetooth audio are supported.



CHANGE DEVICE

You can connect the head unit and another Bluetooth device already paired.
Press [Phone] >  > [Change Device] on the home screen.

NOTE

You can use the change device function by pressing  on the playing screen.

CANCELLING DEVICE CONNECTION

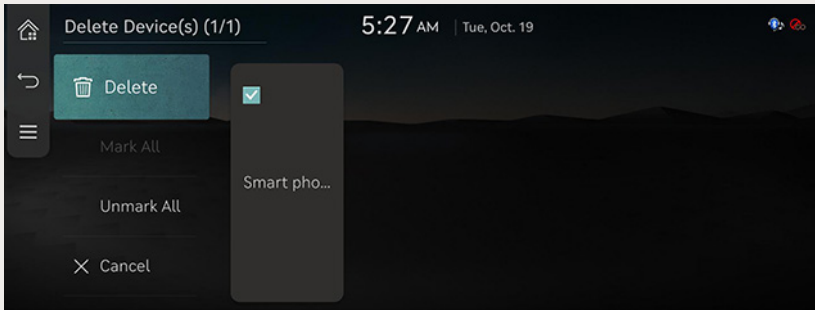
1. Press [Phone] >  > [Device Connections Settings] on the home screen.
2. Press  of the connected device. The Bluetooth hands-free connection is disconnected.

NOTE

Press  to disconnect the Bluetooth audio connection.

DELETING DEVICE

1. Press [Phone] > [☰] > [Device Connections Settings] on the home screen.
2. Press [Delete].



3. Select the desired item, press [Delete] > [Yes].

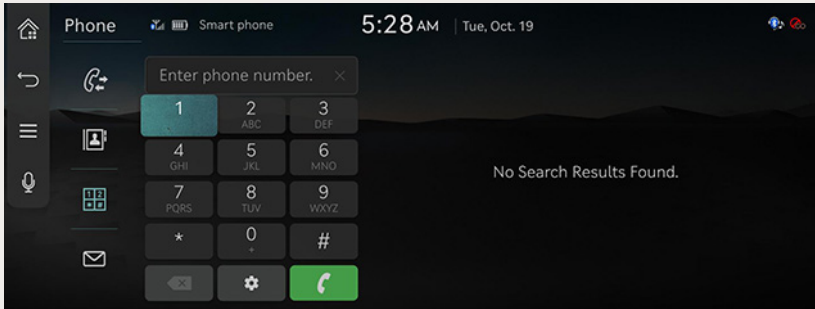
NOTE

When a device is deleted, the recent calls and the contacts of the device saved in the head unit are entirely deleted.

MAKING PHONE CALLS

MAKING PHONE CALLS BY ENTERING THE NUMBER

1. Press [Phone] > [☰] on the home screen.



2. Enter the phone number.
3. Press [📞] on the screen.
Or press the Bluetooth call button on the steering wheel remote control.
4. Calls the entered phone number.

! NOTE

- In case of entering a wrong number, press [⬅️X] to delete each digit.
- Press and hold [⬅️X] delete all entered numbers.
- Press and hold the number [0], '+' is entered in the number input window.
- Phone call is available by entering only a part of the phone number.



MAKING PHONE CALLS VIA SPEED DIAL

1. Press [Phone] > [☰] on the home screen.
2. Press and hold the speed dial number registered in the phone.
 - Ex) If the speed dial number is 8 (one digit), press and hold '8'.
 - Ex) If the speed dial number is 12 (two digits), short press '1' and long press '2'.
3. Calls the speed dial number.

NOTE

Some mobile phone models may not support this feature.

MAKING PHONE CALLS VIA RE-DIAL

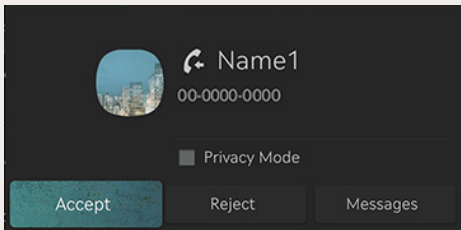
1. Press [Phone] > [☰] on the home screen.
2. Press and hold [📞] on the screen.
3. Calls the most recently dialed phone number.

! NOTE

- Re-dial is not available if no phone call has been made or a Bluetooth phone is not connected.
- Press [📞] shortly on the dial screen, the most recently dialed phone number is entered in the number input window.

RECEIVING PHONE CALLS

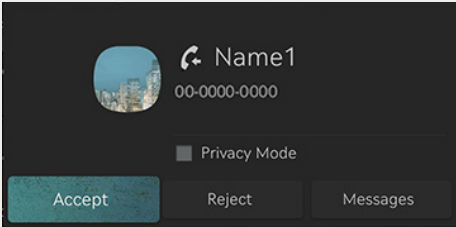
1. To receive an incoming call, press [Accept] on the screen.



2. The call is connected.

REJECTING PHONE CALLS

1. To reject an incoming call, press [Reject] on the screen.



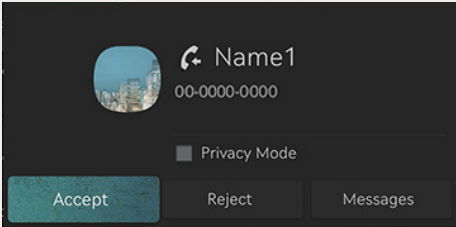
2. The call is rejected.

NOTE

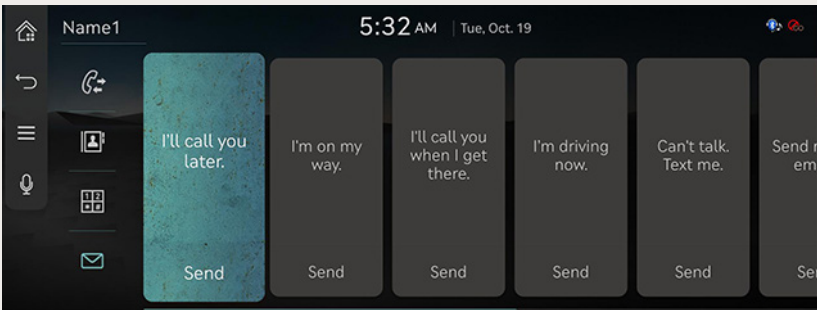
Some mobile phone models may not support this feature.

RESPONDING TO INCOMING CALL WITH TEXT

1. Press [Messages] on the screen, respond to incoming calls by text message.



2. Select the desired message.



3. Press [Send].

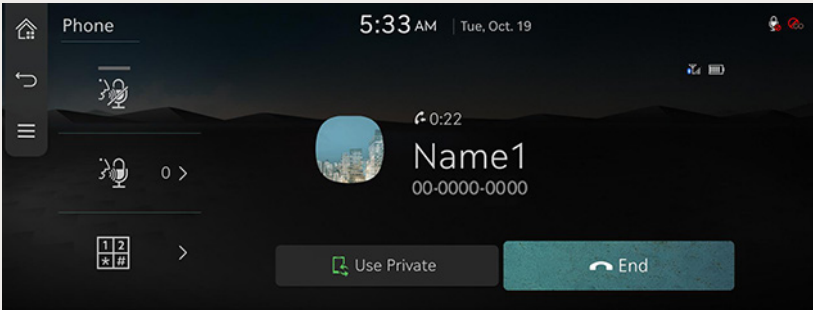
NOTE


Some mobile phone models may not support this feature.

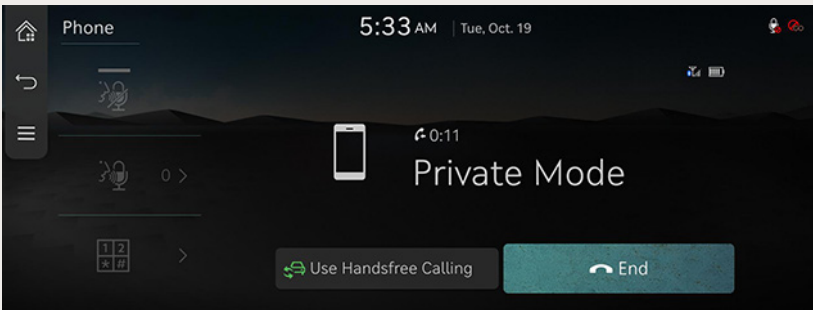
SWITCHING CALLS TO MOBILE PHONE/HANDS-FREE

Switches a call from hands-free to mobile phone or vice versa.


1. Press [Phone] on the home screen. The hands-free mode is displayed.




2. During a call, press [ Use Private].

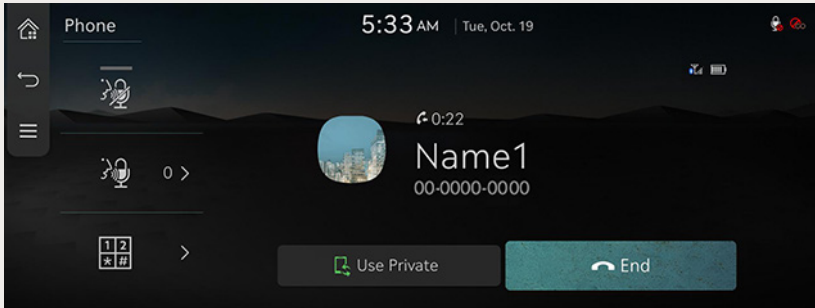


3. The private mode is displayed.

To switch to the hands-free mode, press [ Use HandsFree Calling] on the screen.




HANGING UP CALLS

1. Press [ End] on the screen during a call.



2. The call ends.

NOTE

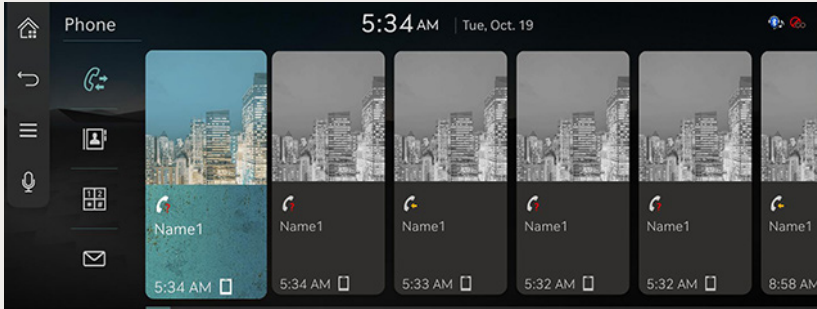
- To cut the sound delivered to the other party during a phone conversation, press [.
- To control the mic volume during a phone conversation, press [.
- To open dial pad during a phone conversation, press [.


USING CALL HISTORY

DOWNLOADING CALL HISTORY

You can download the recent call history stored on your mobile phone to the system.

1. Press [Phone] >  on the home screen.



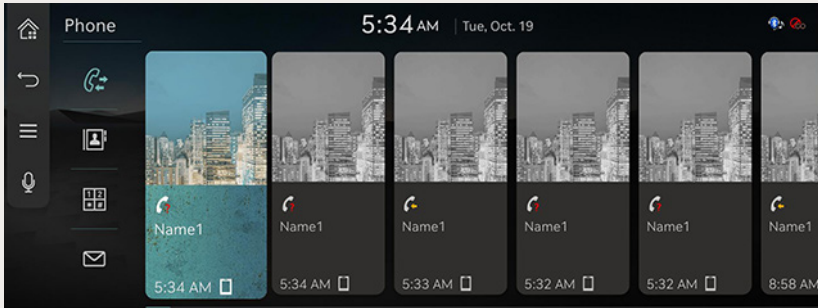
2. Press  > [Download] > [Yes].

NOTE

- The previous data is deleted when contacts of the mobile phone is downloaded.
- Some Bluetooth devices may not support this feature.

CALLING CALL HISTORY

1. Press [Phone] > [📞] on the home screen.



2. Select a contact to call.

! NOTE

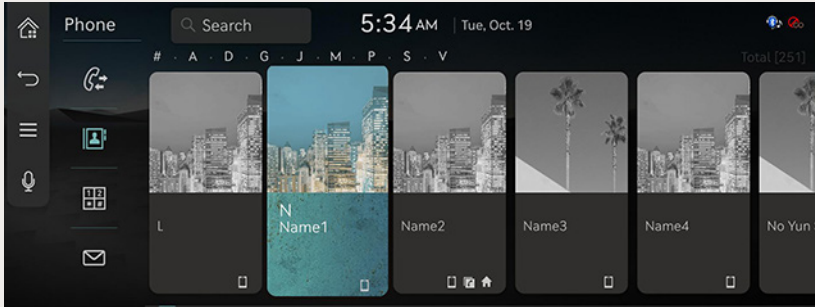
- Call history may not be saved depending on the mobile phone model.
- If there is no recent call history or a Bluetooth device is not connected, the call history is not available.
- Up to 150 calls can be saved respectively in dialed-calls, received calls and missed calls.


USING CONTACTS

DOWNLOADING CONTACTS FROM THE MOBILE PHONE

Contacts record saved in the mobile phone can be downloaded into the system.

1. Press [Phone] >  on the home screen.



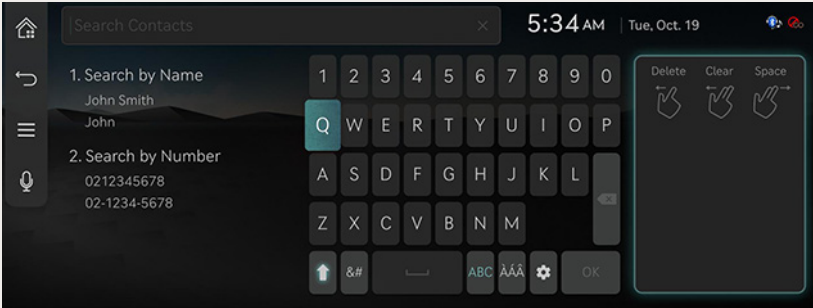
2. Press  > [Download] > [Yes].

NOTE

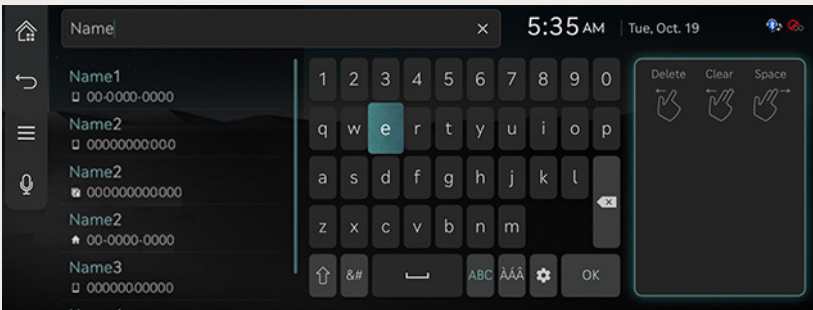
- The previous data is deleted when contacts of the mobile phone is downloaded.
- Some Bluetooth devices may not support this feature.

SEARCHING IN CONTACTS

1. Press [Phone] > [📞] on the home screen.
2. Press [☰] > [Search Contacts].



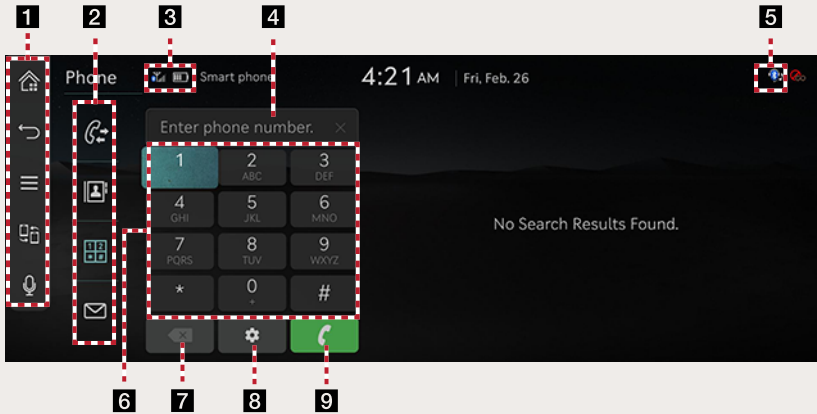
3. Search by name or phone number.



4. Press the searched contact to make a call.

USING DIAL SCREEN

Press [Phone] > [☰] on the home screen.



1

Moves to the home screen.



Moves to the home screen or the previous screen.



Displays pop-up menu of each mode.



Change to another connected device. (Displays the icon when there is more than one connected device.)



Moves to the voice recognition screen.

2 Call history (📞)

Moves to the call history screen.

Contacts (👤)

Moves to the contacts screen.

Dial (☎)

Moves to the dial screen.

Message (✉)

Moves to the message screen.

3 Reception level icon (📶)

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

Mobile battery icon (🔋)

Specifies the remaining battery of mobile phone.

4 Number entrance window

Enter phone number or initial letter.

5 Bluetooth connection icon

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

6 Keypad

Enter the phone number to call.

7 Delete (✖)

Deletes the entered phone number.

8 Settings (⚙)

Moves to Bluetooth settings screen.

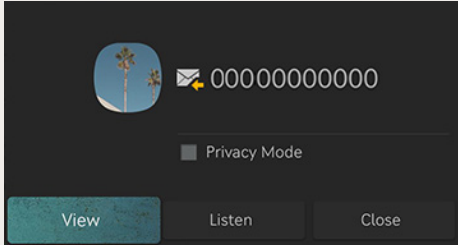
9 Call (📞)

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

USING MESSAGE

CHECKING NEW MESSAGES

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



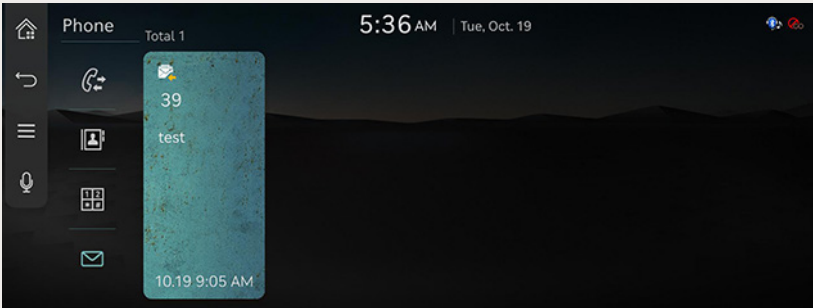
2. Select a desired item.
 - [View]: Moves to the message screen.
 - [Listen]: Listens to the message.
 - [Close]: Closes the pop-up.

NOTE

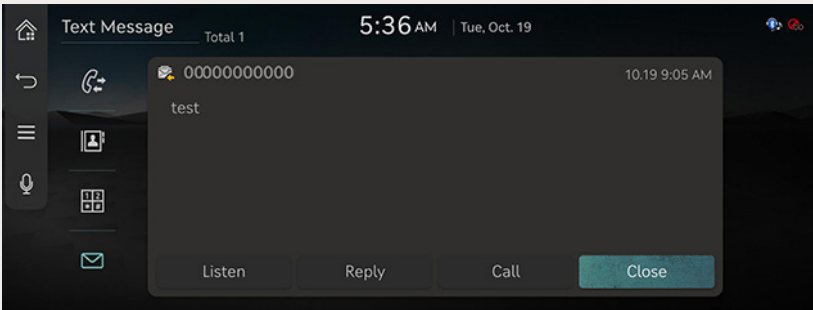
Activate the notification view setting in your phone's Bluetooth settings.

CHECKING MESSAGE INFORMATION

1. Press [Phone] > [✉] on the home screen.



2. Select a message.



3. Check the information on message.

NOTE

- Only the messages received after the Bluetooth connection are specified in the list.
- Some Bluetooth devices may not support this feature.

SYSTEM



VEHICLE SETTINGS

The images displayed on this system may differ from actual ones.

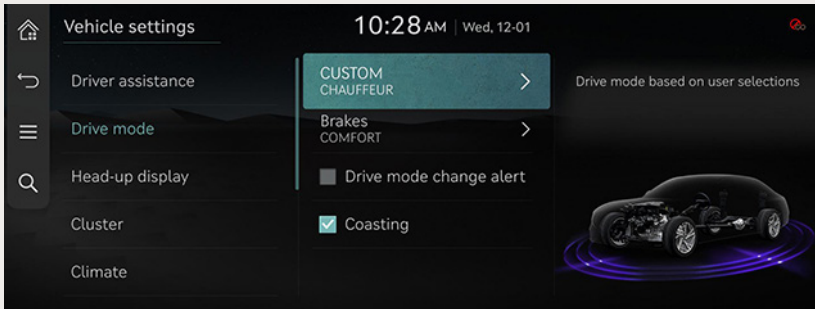
Depending on the vehicle's options and the condition of the controller, some menus may not be displayed.

On the home screen, press [Setup] > [Vehicle].

The vehicle settings screen is displayed.

DRIVE MODE

1. On the vehicle settings screen, press [Drive Mode] .

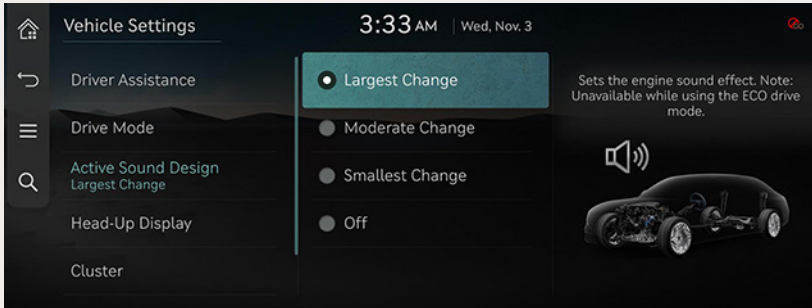


2. Press the desired item.

- [CUSTOM]: Sets a personalized custom drive mode based on user selections.
- [Brakes]: Sets the standard braking mode optimized for comfortable daily driving.
- [Drive Mode Change Alert]: Selects change information display method in case of drive mode change.
- [Coasting]: Decouples the engine from the transmission while coasting for better fuel economy in eco/smart drive modes.

ACTIVE SOUND DESIGN (IF EQUIPPED)

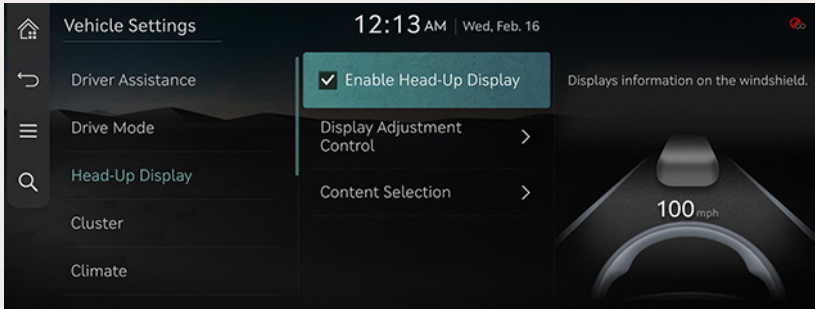
1. On the vehicle settings screen, press [Active Sound Design].



2. Press the desired items.
 - [Largest Change]/[Moderate Change]/[Smallest Change]/[Off]: Sets the engine sound effect, Note: Unavailable while using the ECO drive mode.

HEAD-UP DISPLAY

1. On the vehicle settings screen, press [Head-Up Display].

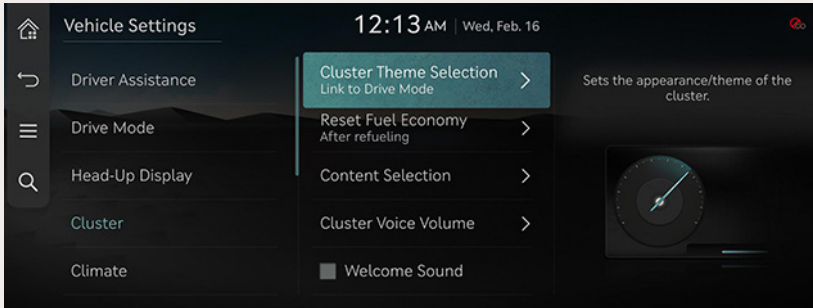


2. Press the desired item.

- [Enable Head-Up Display]: Sets to show the head-up display on the windshield is available.
- [Display Adjustment Control]: Controls the display height, rotation and brightness to desired values.
- [Content Selection]: Sets the information to display on the heads-up display.

CLUSTER

1. On the vehicle settings screen, press [Cluster].



2. Press the desired item.
 - [Cluster Theme Selection]: Selects a cluster theme.
 - [Reset Fuel Economy]: Selects when to reset the average fuel economy display.
 - [Content Selection]: Selects information to display on cluster.
 - [Cluster Voice Volume]: Adjusts the cluster voice volume level.
 - [Welcome Sound]: Provides an audible tone when the cluster turns on or off.

NOTE

- An alarm in the vehicle, guidance sound and welcome sound are generated from external amplifier.
- If you replace the amplifier with a non-genuine part or replace the speakers with a non-genuine part, the amplifier may not work.
- Visibility may decrease if the user adjusts the screen brightness to dark in a bright environment.

CLIMATE

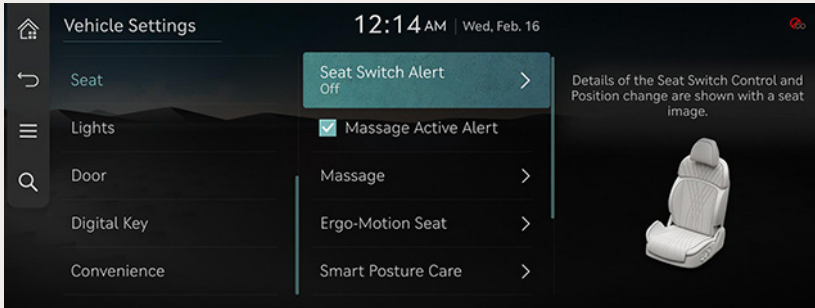
1. On the vehicle settings screen, press [Climate].



2. Press the desired item.
 - [Recirculate Air]: Blocks the flow of outside air into the vehicle cabin.
 - [Automatic Ventilation]: Switches the ventilation system to fresh air mode automatically after an extended use of recirculate air.
 - [Defog/Defrost Options]: Directs air to the windshield to reduce moisture on the windshield glass.
 - [Fragrance]: Selects the intensity and type of fragrance.
 - [Climate Features]: Activates the convenience functions for climate control.
 - [Warmer/Ventilation Features]: Sets the warmer/ventilation features.

SEAT

1. On the vehicle settings screen, press [Seat].



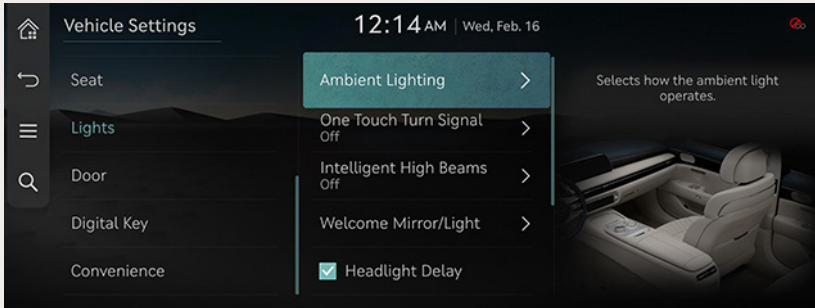
2. Press the desired item.
 - [Seat switch Alert]: When the seat position changes, details of the change are shown with a seat image.
 - [Message Active Alert]: When the message activates, operation information is shown with the seat image.
 - [Message]: Reduces fatigue and helps to improve the overall driving experience.
 - [Ergo-Motion Seat]: Reduces fatigue and helps to improve the overall driving experience.
 - [Smart Posture Care]: Recommends a posture fitting the driver's body type and provides a clinical analysis for back health.

videopage029

- [Warmer/Ventilation Features]: Sets the heated/ventilated features.
- [Seating Easy Access]: The seat/steering wheel are moved so the driver can more easily exit/enter the vehicle.

LIGHTS

1. On the vehicle settings screen, press [Lights].

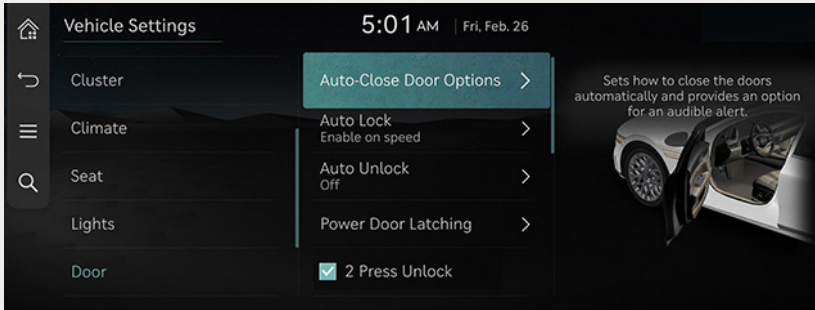


2. Press the desired item.
 - [Ambient Lighting]: Sets the interior mood lighting.
 - [One Touch Turn Signal]: Selects the number of blinks of turn signal by touching the turn signal lever.
 - [Intelligent High Beams]: Selects the vehicle speed at which the feature activates, or set to disable the feature.
 - [Welcome Mirror/Light]: The welcome feature is enabled
 - [Headlight Delay]: When the ignition is turned off, the exterior lights turn off after approximately 15 seconds.
 - [High Beam Assist]: Assists in reducing the high beam glare which affects drivers in oncoming vehicles.
 - [Dynamic Welcome Light]: Selects the mode of the dynamic welcome light.

DOOR

videopage005

1. On the vehicle settings screen, press [Door].

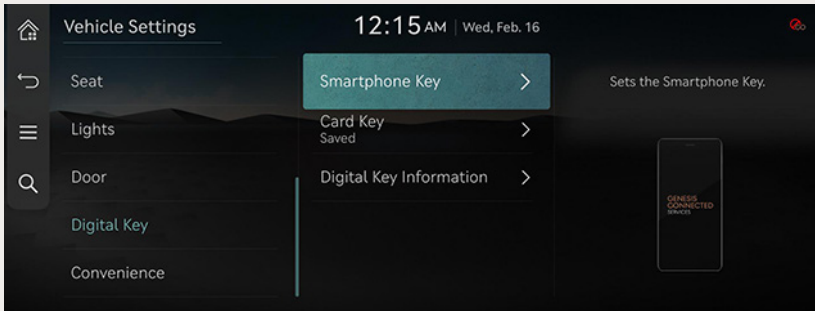


2. Press the desired item.
 - [Auto-Close Door Options]: Sets how to close the doors automatically and provides an option for an audible alert.
 - [Auto Lock]: Selects the timing for automatic locking all doors.
 - [Auto Unlock]: Selects the timing for automatic unlocking all doors.
 - [Power Door Latching]: Select door(s) that will not use power door latching.
 - [2 Press Unlock]: Press door unlock button of the key to unlock all doors.
 - [Approach Unlock]: Door handles will unlock when the smart key is nearby.
 - [Power Trunk]: The power trunk button can be used to automatically open/close the trunk.
 - [Power Trunk Open Height]: Sets the height of the opened trunk.
 - [Smart Trunk]: Opens the trunk lid automatically when approaching the trunk with the smart key.
 - [Remote Window]: Activate/deactivates the remote vehicle window control function.

DIGITAL KEY

videopage001

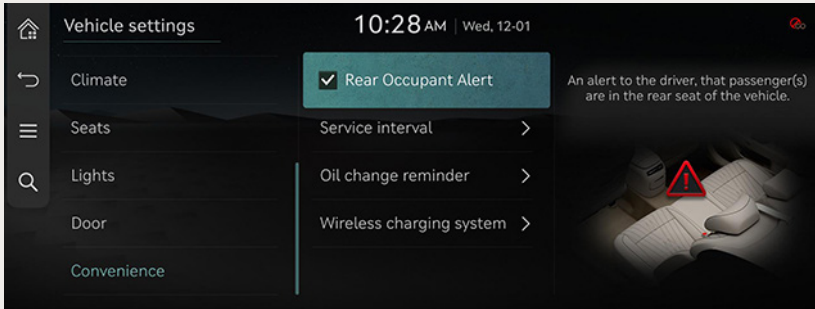
1. On the vehicle settings screen, press [Digital Key].



2. Press the desired item.
 - [Smartphone Key]/[Card Key]: Saves or deletes smartphone key or card key.
 - [Digital Key Information]: Shows the serial number of the digital key.

CONVENIENCE

1. On the vehicle settings screen, press [Convenience].



2. Press the desired item.

- [Rear Occupant Alert]: Provides an alert to the driver that passengers are in the rear seat of the vehicle.

videopage028

- [Service Interval]: Displays an alert when a scheduled service interval is reached.
- [Oil Change Reminder]: Displays remaining life of engine oil.
- [Wireless Changing System]: Enables the wireless charging pad to be used with compatible devices.

NAVIGATION SETTINGS

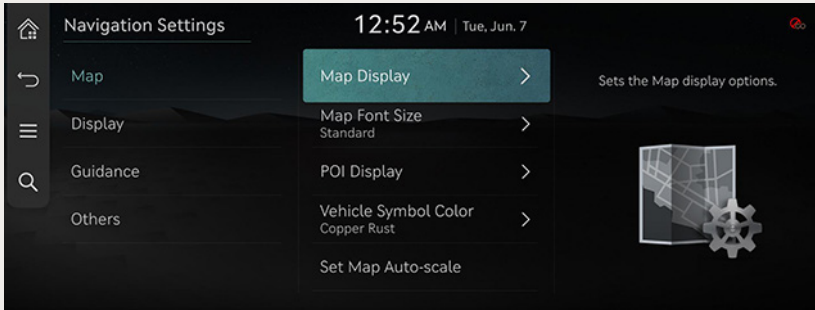
The images displayed on this system may differ from actual ones.

Press [Setup] > [Navigation] on the home screen.

The navigation settings screen is displayed.

MAP

1. Press [Map] on the navigation settings screen.

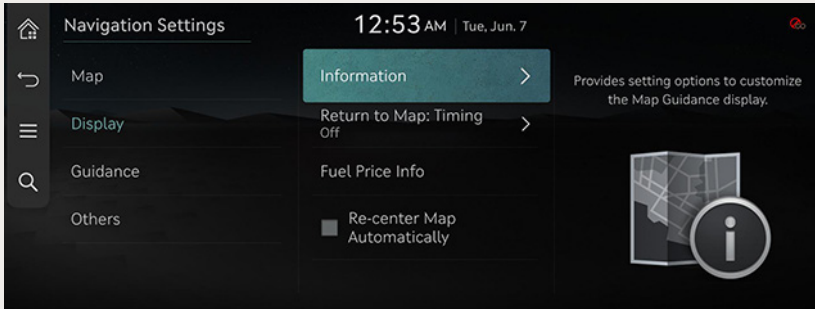


2. Press the desired menu.

- [Map Display]: Set the map display mode.
- [Map Font Size]: Set the font size of the map.
- [POI Display]: Select the POIs to display on the map.
- [Vehicle Symbol Color]: Set the vehicle symbol color.
- [Set Map Auto-scale]: Set auto scale based on the vehicle speed.

DISPLAY

1. Press [Display] on the navigation settings screen.

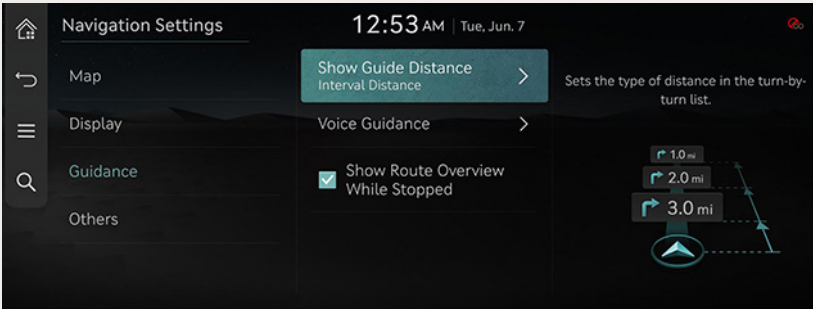


2. Press the desired menu.

- [Information]: Select the desired guidance information.
- [Return to Map: Timing]: After the selected time, the system automatically switches from radio/media to the navigation map screen.
- [Fuel Price Info.]: Sets the display of fuel price info for nearby gas and charging stations shown on the map.
- [Re-center Map Automatically]: Automatically returns to the current location after scrolling the map.

GUIDANCE

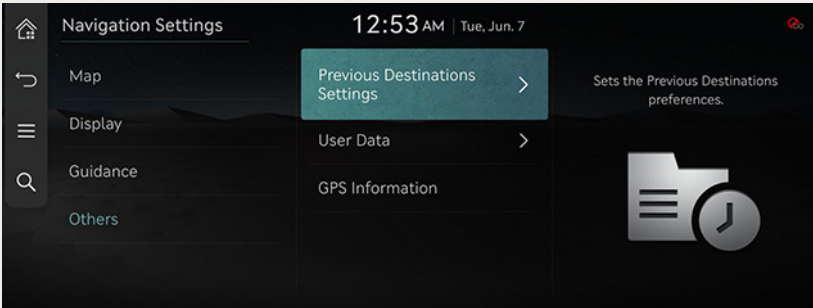
1. Press [Guidance] on the navigation settings screen.



2. Press the desired menu.
 - [Show Guide Distance]: Set the type of distance on the turn-by-turn list.
 - [Voice Guidance]: Set the voice guidance.
 - [Show Route Overview While Stopped]: Shows the route overview while the vehicle is stopped.

OTHERS

1. Press [Others] on the navigation settings screen.



2. Press the desired menu.
 - [Previous Destinations Settings]: Set about previous destinations.
 - [User Data]: Saved addresses/previous destinations can be exchanged between compatible vehicles using a USB device.
 - [GPS Information]: Provides GPS information.

SOUND SETTINGS

The images displayed on this system may differ from actual ones.

On the home screen, press [Setup] > [Sound].

The sound settings screen is displayed.

! NOTE

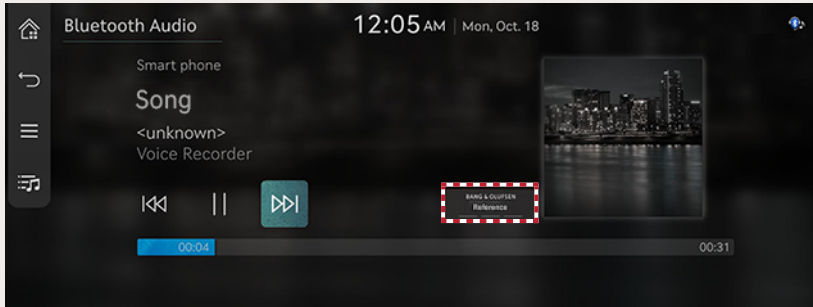
When listening with headphones/earphones connected to the rear earphone connector, the sound settings are not applied. The sound settings are applied to the vehicle speakers.

ADJUSTING THE SOUND EFFECT (IF EQUIPPED)

Press the sound effect button on the media/broadcasting screen to adjust.

! NOTE

- However, this function is not provided in the sound settings.
- Sound effect can be set separately for each media/broadcasting mode.
- Phone projection/video streaming is linked with the BT sound effect settings.



Description of sound effect modes by the specification.

Bang & Olufsen sound system (if equipped)

- [Reference]: [Delivers true sound focusing on original sound source.](#)
- [Surround]: [The surround sound technology identifies and re-authors individual sound sources into a precise multi-channel soundstage providing a 10-step surround effect enabling customized surround sound with variable intensity.](#)

Bang & Olufsen premier sound system (if equipped)

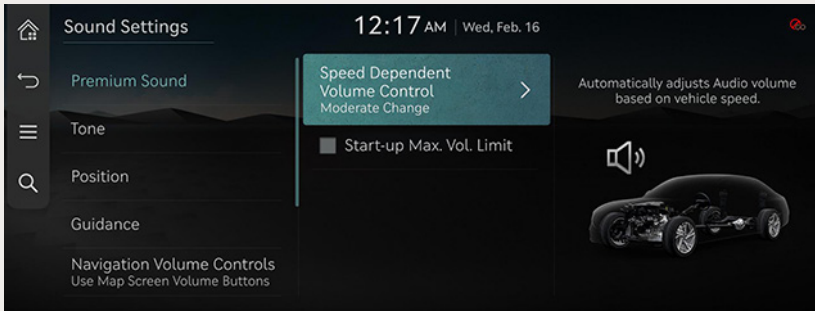
- [Reference]: [Delivers true sound focusing on original sound source.](#)
- [Surround]: [The surround sound technology identifies and re-authors individual sound sources into a precise multi-channel soundstage providing a 10-step surround effect enabling customized surround sound with variable intensity.](#)
- [Bang & Olufsen Home]: [An immersive in-cabin venue experience based on algorithms created by detailed and accurate measurements of where Bang & Olufsen's new innovations are perfected within the acoustics of a home.](#)
- [Boston Symphony Hall]: [An immersive in-cabin venue experience based on algorithms created by detailed and accurate measurements of Boston Symphony Hall, one of the world's top concert halls and the first built using acoustic principles.](#)

**Bang & Olufsen Home****Boston Symphony Hall**

PREMIUM SOUND

Sets the premium sound.

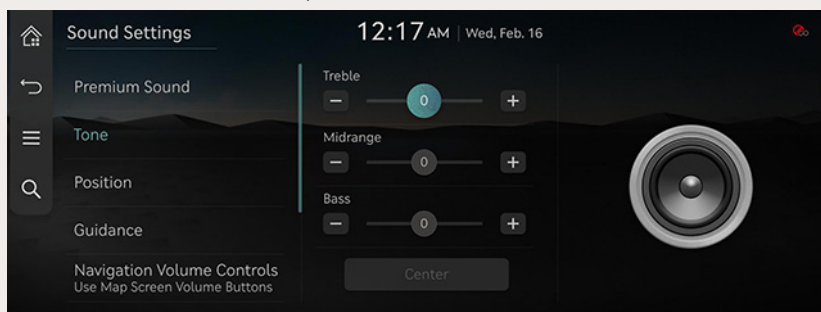
1. On the sound settings screen, press [Premium Sound].



2. Press the desired item.
 - [Bang & Olufsen] (If equipped): Shows sound modes as reference and surround.
 - [Speed Dependent Volume Control]: It automatically adjusts volume according to vehicle speed.
 - [Start-up Max. Vol. Limit]: When starting vehicle engine, if audio volume is big, it decreases to adequate volume.

TONE

1. On the sound settings screen, press [Tone].



2. Adjust the desired items.

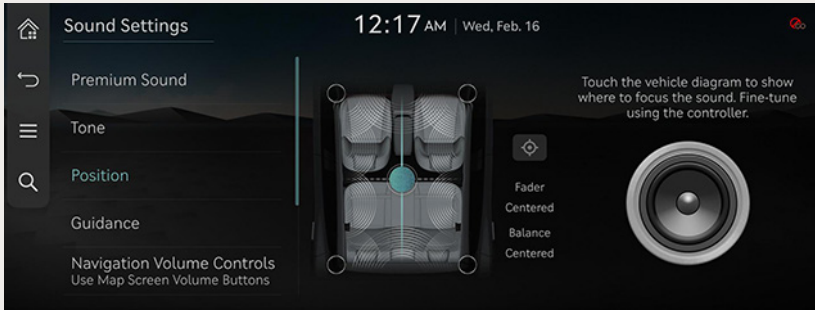
NOTE

Press [Center] to reset the settings.

POSITION

Adjusts the desired seat position.

1. On the sound settings screen, press [Position].



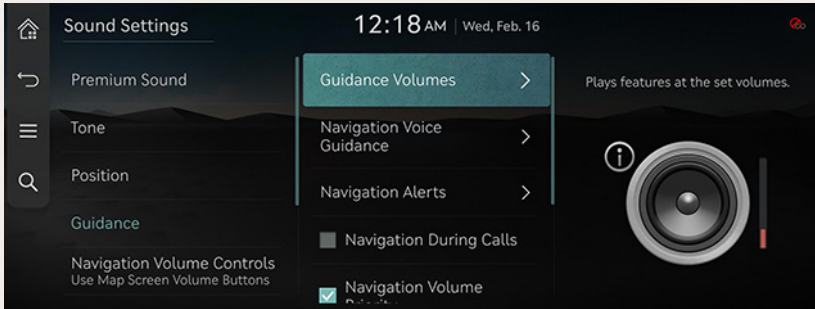
2. Press the desired seat position.

NOTE

Press [] to reset the settings.

GUIDANCE

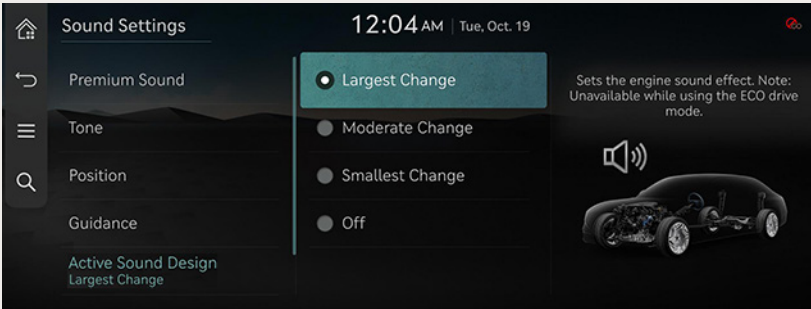
1. On the sound settings screen, press [Guidance].



2. Select a desired item.
 - [Guidance Volumes]: Sets the guide volume.
 - [Navigation Voice Guidance]: Sets voice guidance preferences.
 - [Navigation Alerts]: Sets different types of navigation alerts.
 - [Navigation During Calls]: Plays audio navigation guidance during phone calls.
 - [Navigation Volume Priority]: Media volume will be lowered during navigation guidance.
 - [Mute Navigation Guidance]: While navigation guidance is playing, pressing the mute button on the steering wheel will mute guidance for 10 seconds.
 - [Welcome Sound]: Provides an audible tone when the cluster turns on or off.

ACTIVE SOUND DESIGN (IF EQUIPPED)

1. On the vehicle settings screen, press [Active Sound Design].

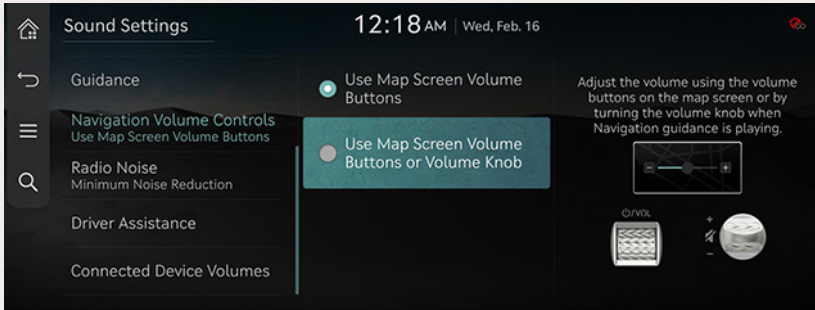


2. Press the desired items.
 - [Largest Change]/[Moderate Change]/[Smallest Change]/[Off]: Sets the engine sound effect, Note: Unavailable while using the ECO drive mode.

NAVIGATION VOLUME CONTROLS

Adjusts the navigation volume on the map screen or on the map screen and the knob.

1. On the sound settings screen, press [Navigation Volume Controls].

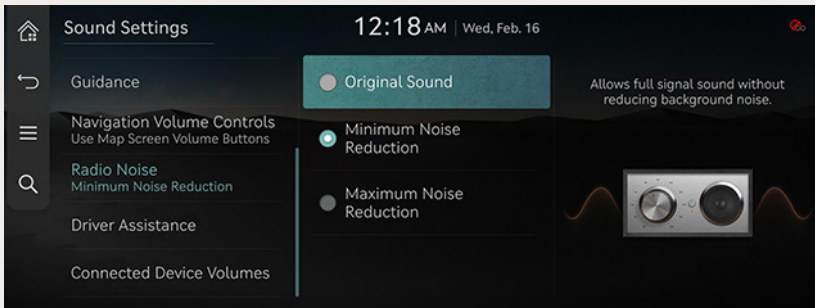


2. Select a desired item.

RADIO NOISE

Sets the radio noise.

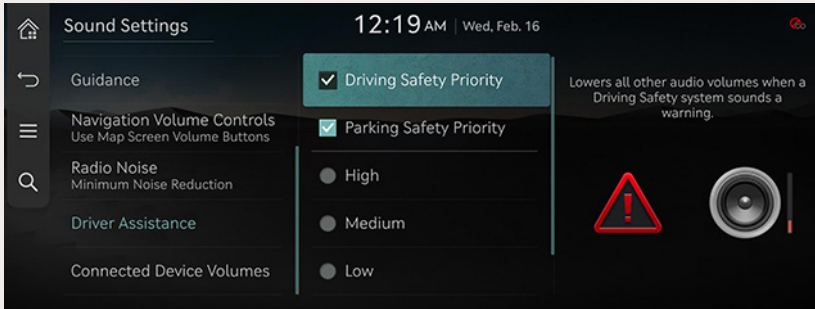
1. On the sound settings screen, press [Radio Noise].



2. Select a desired item.

DRIVER ASSISTANCE

1. On the sound settings screen, press [Driver Assistance].

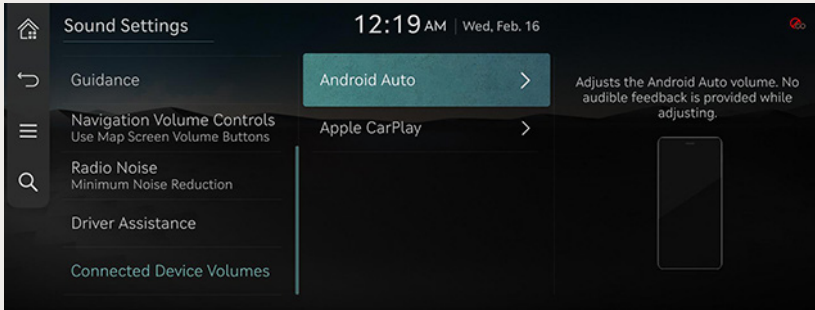


2. Select a desired item.

CONNECTED DEVICE VOLUMES

Sets the sound for Android Auto or Apple CarPlay.

1. On the sound settings screen, press [Connected Device Volumes].



2. Press the desired item.

NOTE

- Press [Reset] to reset the volume of the connected device.
- Media playback stops when operating volume menu.

DEVICE CONNECTIONS SETTINGS

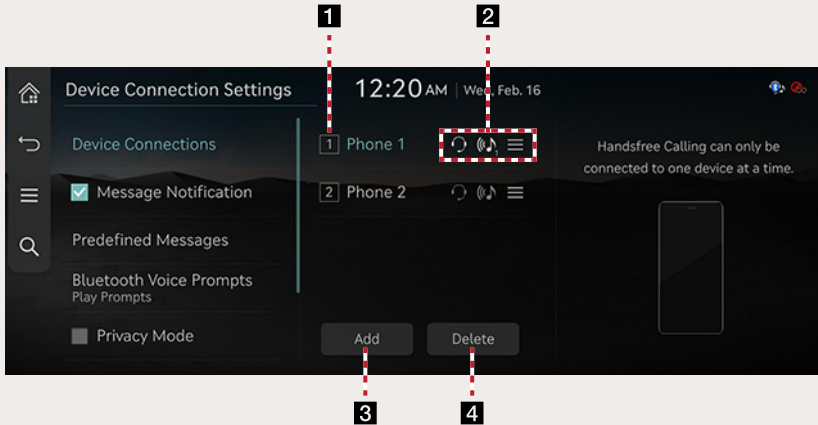
The images displayed on this system may differ from actual ones.

On the home screen, press [Setup] > [Device Connections].

The device connections settings screen is displayed.

DEVICE CONNECTIONS

On the device connections settings screen, press [Device Connections].



1 Registered device list

- Displays the list of registered Bluetooth devices.
- When you select the Bluetooth device in a list, it connects or disconnects the device.

2 Bluetooth hands-free/audio connection status

- Checks the connected Bluetooth hands-free or Bluetooth audio.
- Disconnects the desired Bluetooth hands-free or Bluetooth audio.

Auto connection priority

Automatically connect Bluetooth devices according to priority.

3 Add

Add a new Bluetooth device.

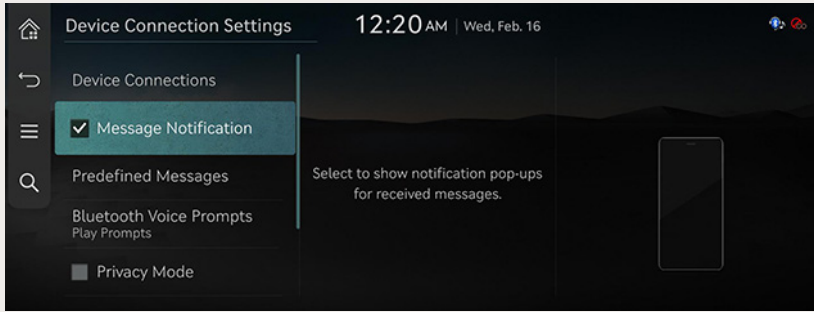
4 Delete

Deletes registered device.

MESSAGE NOTIFICATION

Selects to show notification pop-ups for received messages.

On the device connections settings screen, turn [Message Notification] on or off.



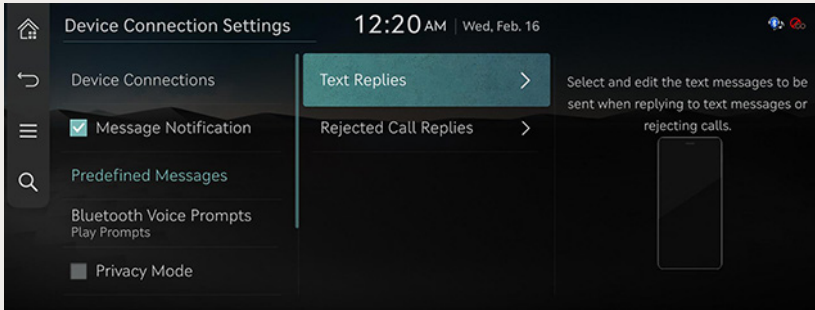
NOTE

Depending on the model of the connected Bluetooth device, this function may not be supported.

PREDEFINED MESSAGES

You can change registered reply messages.

1. On the device connections settings screen, press [Predefined Messages].



2. Press [Text Replies] or [Rejected Call Replies].
3. Select the messages you want to edit, and enter the message.

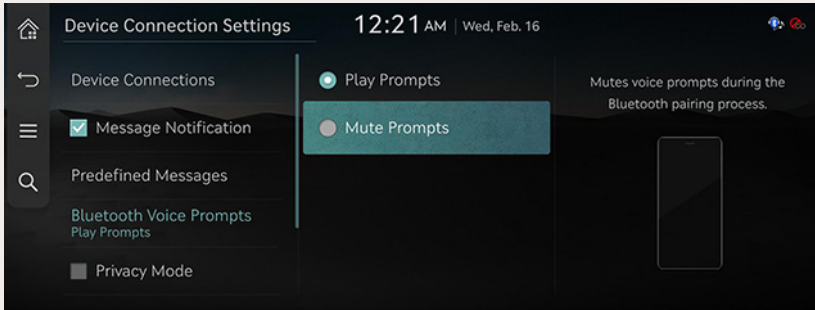
NOTE

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

BLUETOOTH VOICE PROMPTS

Sets to play or mute Bluetooth voice prompts.

1. On the device connections settings screen, press [Bluetooth Voice Prompts].



2. Press the desired item.

PRIVACY MODE

Sets to privacy mode for privacy.

If you set the privacy mode, private information including the phone book may not be displayed on the screen.

On the device connections settings screen, turn [Privacy Mode] on or off.



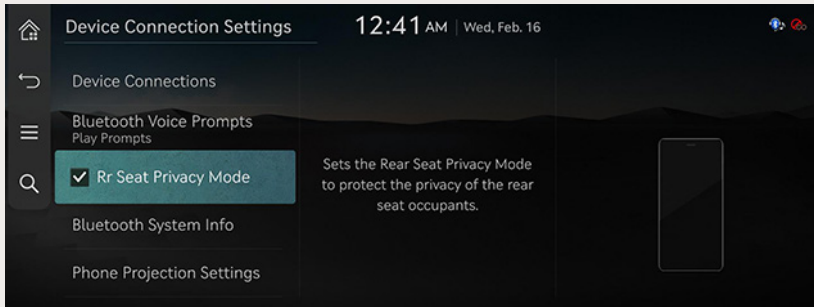
! NOTE

You can turn  > [Privacy Mode] on or off in the phone screen.

RR SEAT PRIVACY MODE

Sets the rear seat privacy mode to protect the privacy of the rear seat occupants.

On the device connections settings screen, turn [Rr Seat Privacy Mode] on or off.



BLUETOOTH SYSTEM INFORMATION

Edits the vehicle name used to pair Bluetooth phones.

1. On the device connections settings screen, press [Bluetooth System Info].
2. Edit the vehicle name.

PHONE PROJECTION SETTINGS

Android Auto and Apple CarPlay are the supported phone projection options.

Enable the option to be used, then use an approved USB cable to connect a phone that supports the selected option.

On the device connections settings screen, press [Phone Projection Settings].



NOTE

You can not change the phone projection setting while the USB cable is connected.

DISPLAY SETTINGS

The images displayed on this system may differ from actual ones.

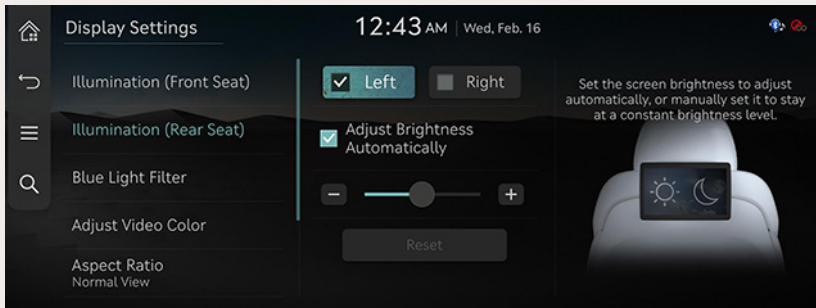
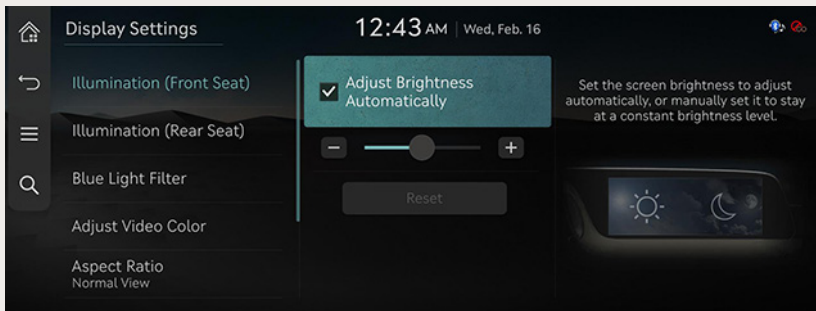
On the home screen, press [Setup] > [Display].

The display settings screen is displayed.

ILLUMINATION

Sets the screen brightness to adjust automatically, or manually set it to stay at a constant brightness level.

1. On the display settings screen, press [Illumination].



2. Select a desired item.

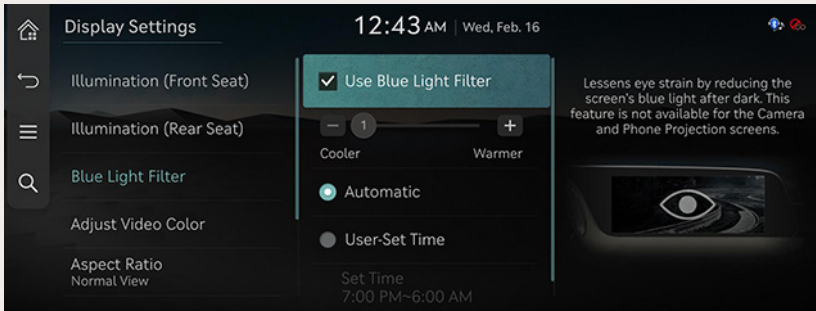
! NOTE

Visibility may decrease if the user adjusts the screen brightness to dark in a bright environment.

BLUE LIGHT FILTER

Sets blue light settings, such as warmth/coolness and time of use.

1. On the display settings screen, press [Blue Light Filter].

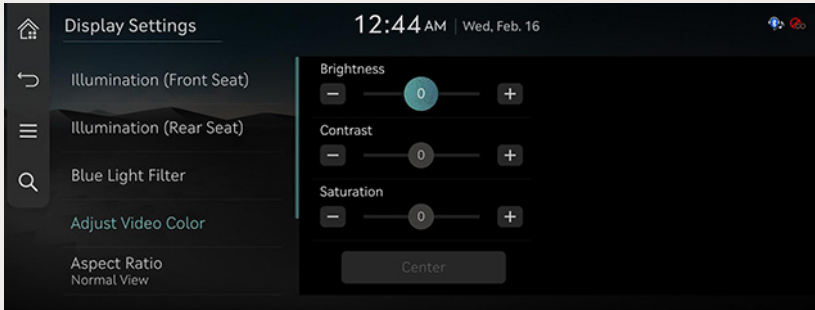


2. Press the desired item.
 - [Use Blue Light Filter]: Activates the blue light filter.
 - [Automatic]: Activates the blue light filter according to surrounding brightness.
 - [User-Set Time]: Activates the blue light filter according to the time set by the user.
 - [Set Time]: Sets the blue light filter time.

ADJUST VIDEO COLOR

During video playing, you can set brightness/contrast/saturation.

1. During video playing, press [Adjust Video Color].



2. Adjust the desired items.

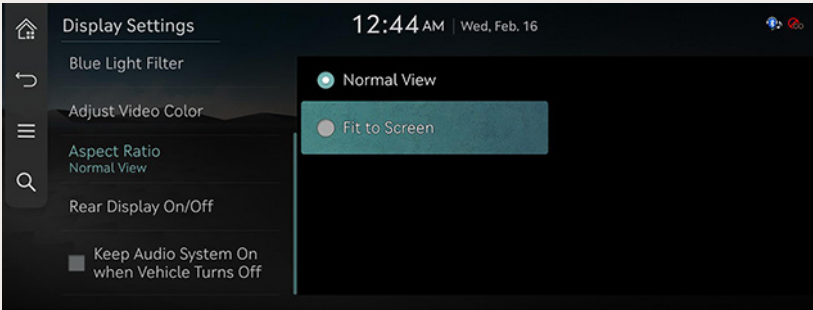
NOTE

Press [Center] to reset the settings.

ASPECT RATIO

You can select the desired size video screen to enjoy video with sense of realism.

1. During video playing, press [Aspect Ratio].

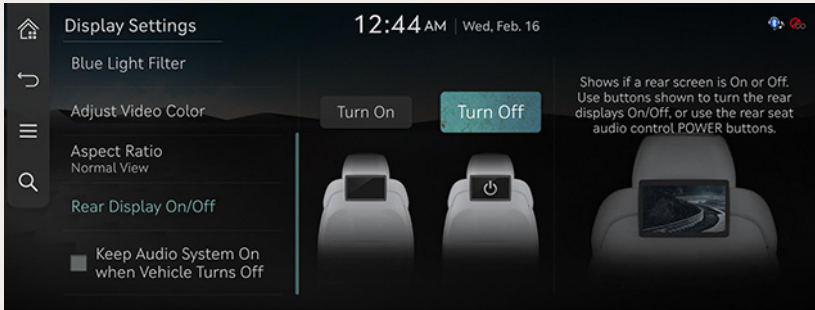


2. Select a desired item.

REAR DISPLAY ON/OFF (IF EQUIPPED)

Turns the rear display on or off.

1. On the display settings screen, press [Rear Display On/Off].

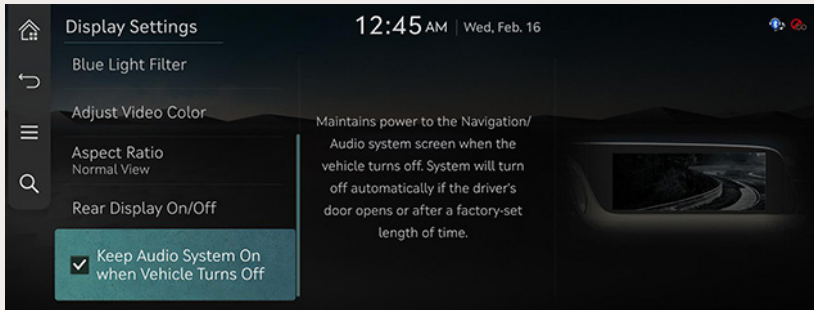


2. Press the [Turn On] or [Turn Off].

KEEP AUDIO SYSTEM ON WHEN VEHICLE TURNS OFF

Infotainment system screen will maintain power after turning off the vehicle. To turn off the system, open the vehicle door.

On the display settings screen, turn [Keep Audio System On when Vehicle Turns Off] on or off.



SCREEN THEME/LAYOUT SETTINGS

The images displayed on this system may differ from actual ones.

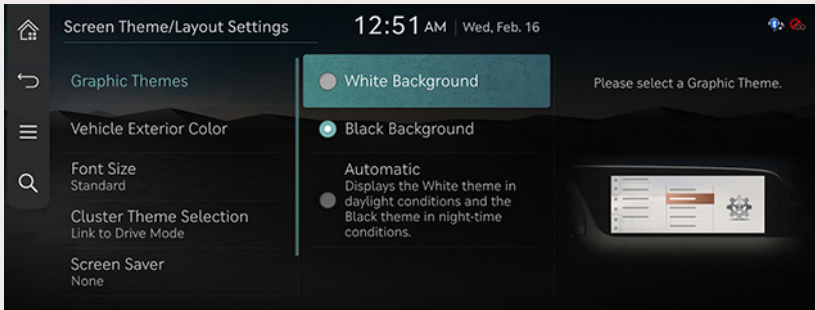
On the home screen, press [Setup] > [Screen Theme/Layout].

The screen theme/layout settings screen is displayed.

GRAPHIC THEMES

Selects a graphic theme.

1. On the screen theme/layout settings screen, press [Graphic Themes].

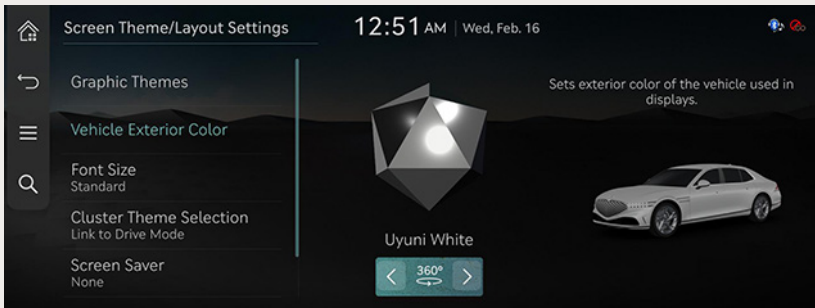


2. Select a desired item.

VEHICLE EXTERIOR COLOR

Selects a exterior color.

1. On the screen theme/layout settings screen, press [Vehicle Exterior Color].

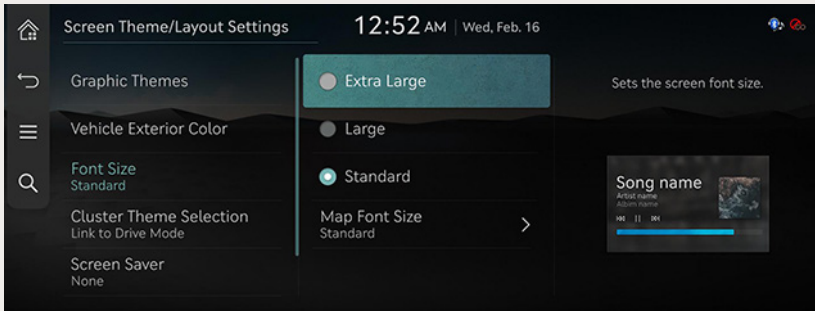


2. Select a desired item.

FONT SIZE

You can set the font size on the screen.

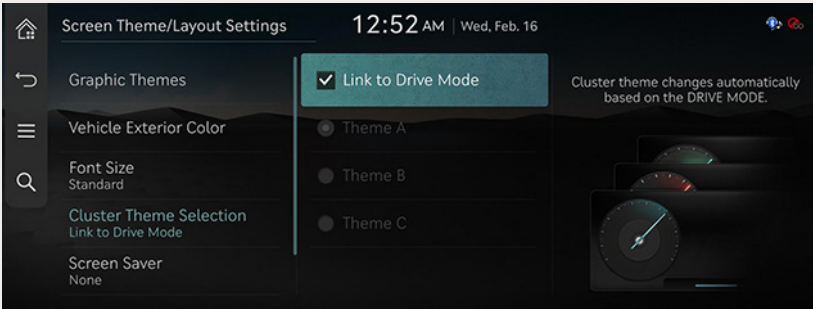
1. On the screen theme/layout settings screen, press [Font Size].



2. Select a desired item.

CLUSTER THEME SELECTION

1. On the screen theme/layout settings screen, press [Cluster Theme Selection].

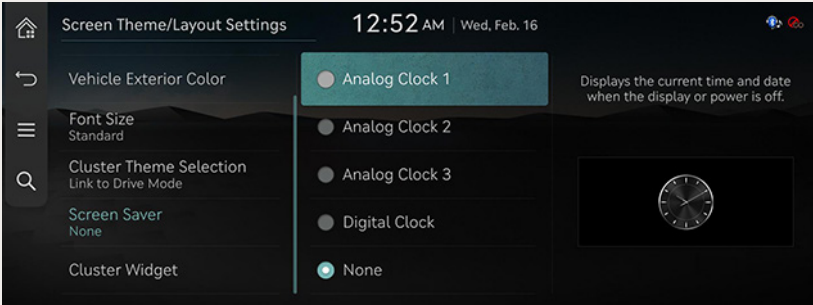


2. Select a desired item.

SCREEN SAVER

Displays image(s) downloaded from the smart phone app when the screen or power is turned off.

1. On the screen theme/layout settings screen, press [Screen Saver].

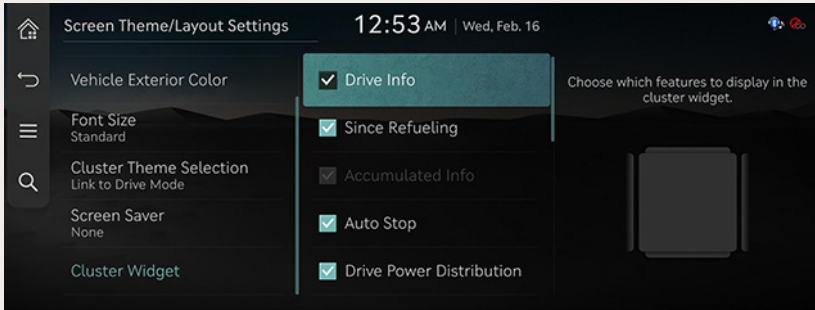


2. Select a desired item.

CLUSTER WIDGET

Selects the split screens shown and sets the order of their display.

1. On the screen theme/layout settings screen, press [Cluster Widget].



2. Select a desired item.

BUTTON/TOUCH PAD SETTINGS

The images displayed on this system may differ from actual ones.

On the home screen, press [Setup] > [Button/Touch Pad].

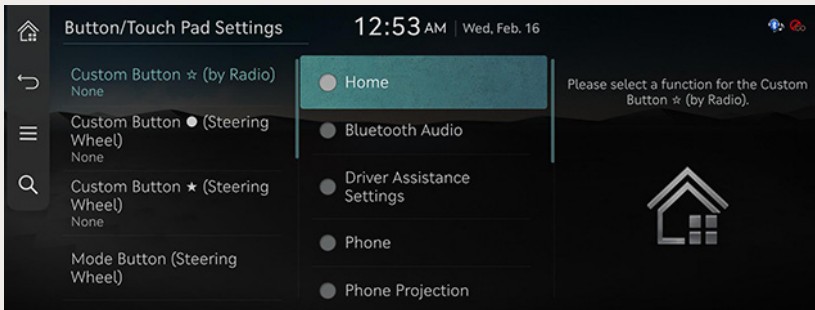
The button/touch pad settings screen is displayed.

CUSTOM BUTTON

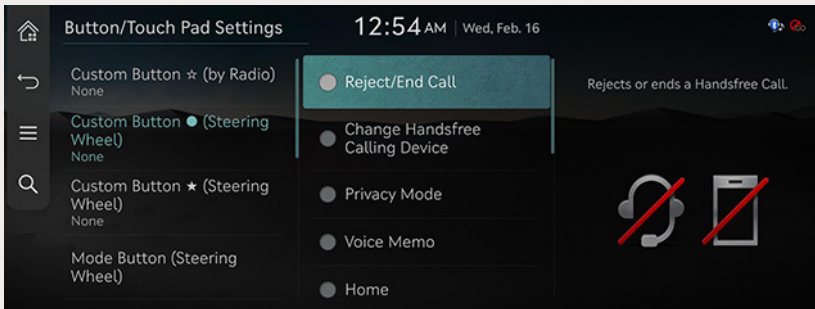
Selects a function for the custom button.

1. On the button/touch pad settings screen, press [Custom Button ☆ (by Radio)], [Custom Button ● (Steering Wheel)] or [Custom Button ★ (Steering Wheel)].

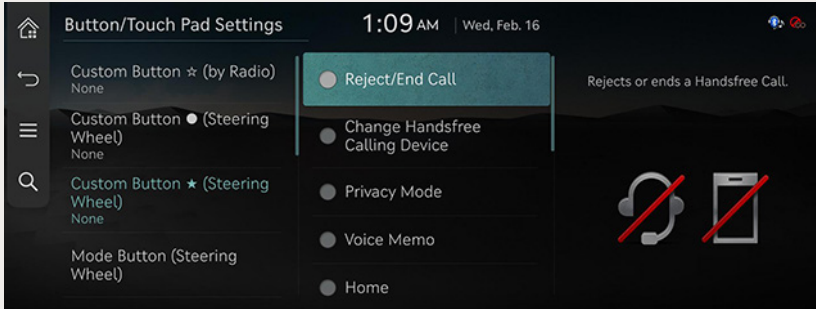
- Custom Button ☆ (by Radio)



- Custom Button ● (Steering Wheel)



- Custom Button ★ (Steering Wheel)

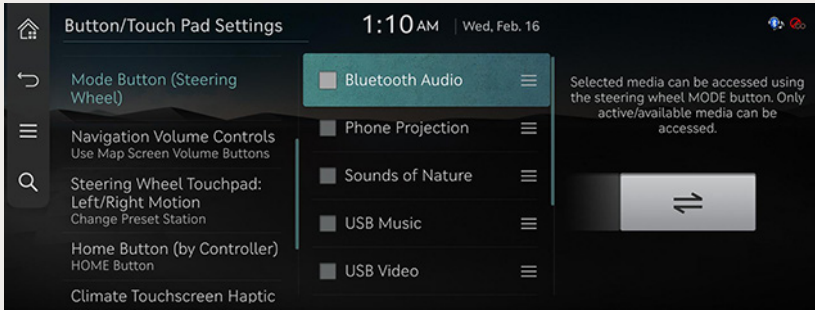


2. Select a desired item.

MODE BUTTON (STEERINGWHEEL)

Selects the media can be accessed using the [MODE] button on the steering wheel.

1. On the button/touch pad settings screen, press [Mode Button (SteeringWheel)].

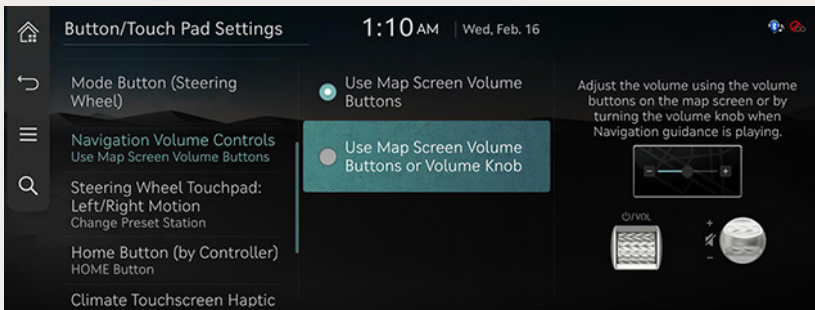


2. Select a desired item.

NAVIGATION VOLUME CONTROLS

Adjusts the navigation volume on the map screen or on the map screen and the knob.

1. On the button/touch pad settings screen, press [Navigation Volume Controls].

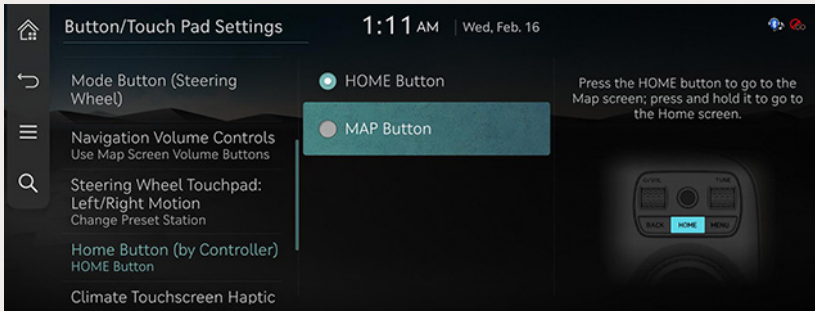


2. Select a desired item.

HOME BUTTON

Sets the operation method when the [HOME] button on the head unit is pressed.

1. On the button/touch pad settings screen, press [Home Button (by Controller)].

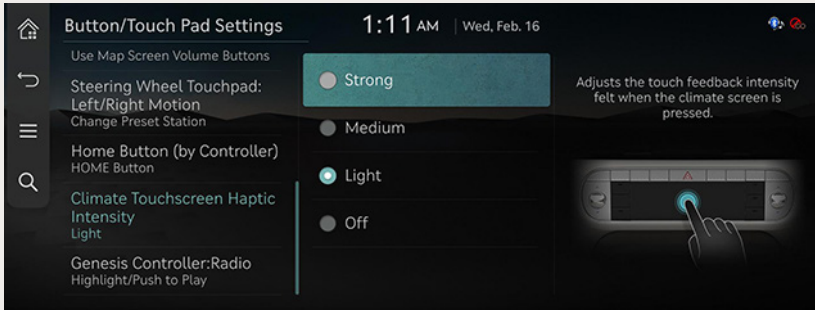


2. Select a desired item.

CLIMATE TOUCHSCREEN HAPTIC INTENSITY

Adjusts the touch feedback intensity felt when the climate screen is pressed.

1. On the button/touch pad settings screen, Press [Climate Touchscreen Haptic Intensity].

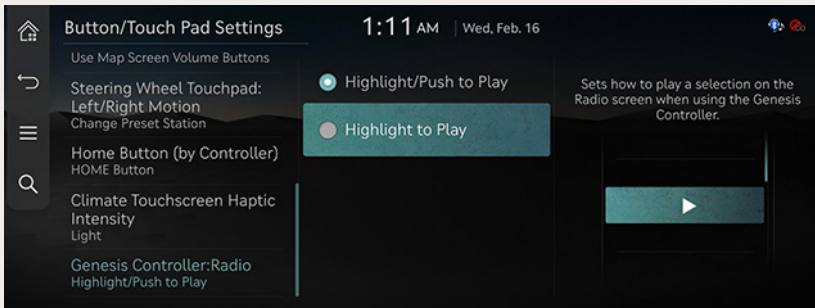


2. Select a desired item.

GENESIS CONTROLLER

Sets how to play a selection on the radio playing screen when using controller.

1. On the button/touch pad settings screen, press [Genesis Controller:Radio].

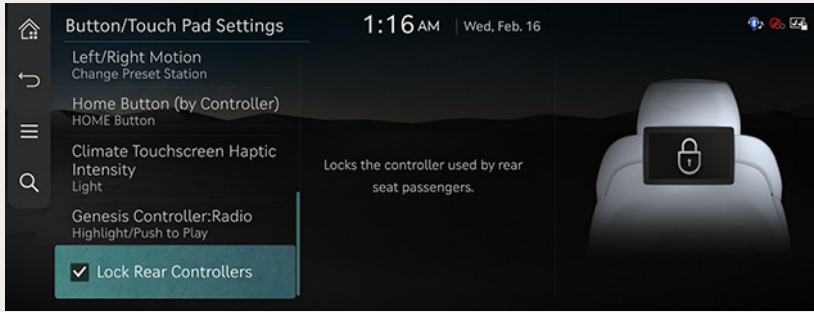


2. Select a desired item.

LOCK REAR CONTROLLERS

Locks the controller used by rear seat passengers.

On the button/touch pad settings screen, press [Lock Rear Controllers].



GENERAL SETTINGS

The images displayed on this system may differ from actual ones.

On the home screen, press [Setup] > [General].

The general settings screen is displayed.

SYSTEM INFORMATION CHECKING

SOFTWARE INFORMATION

You can check the version information applied to the system.

On the general settings screen, press [SW Info/Update].

NOTE

Software information is applied differently according to the system update time point.

UPDATE

For supplementation of system software, addition of new functions, and more, update is needed.

You can update latest map and software by downloading the Navigation Updater program from internet site (<http://update.genesis.com>) and through USB.

For details on update, check from internet site and carry out.

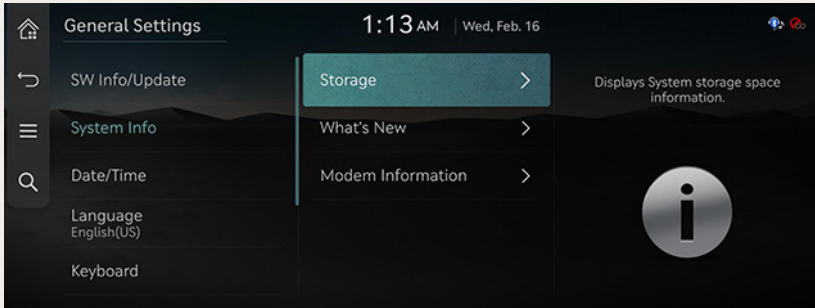
1. Download the latest file to USB and connect it to the USB terminal.
2. On the general settings screen, press [SW Info/Update] > [Update].
3. If you press [Background Update], update is in progress. After completion, turn off the engine and the system automatically reboots.

NOTE

- Update may take dozens of minutes according to data size.
- During update process, if power is blocked or USB is removed, data may be damaged, so be careful.

SYSTEM INFORMATION

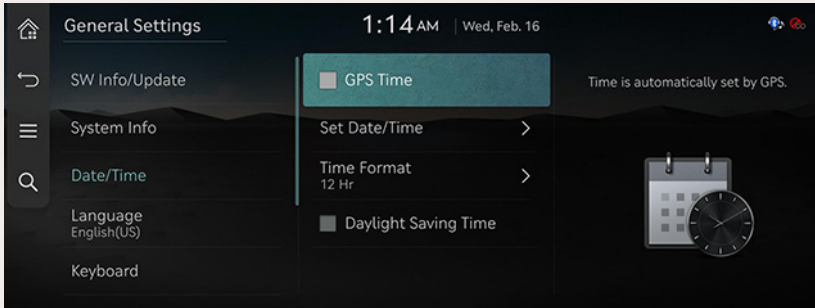
1. On the general settings screen, press [System Info].



2. Select a desired item.
 - [Storage]: Displays the storage space of the voice memo currently in use.
 - [What's New]: Checks update history.
 - [Modem Information]: Checks the modem information.

DATE/TIME

1. On the general settings screen, press [Date/Time].



2. Press the desired item.
 - [GPS time]: Time is automatically set by GPS.
 - [Set Date/Time]: Sets time applied to the system.
 - [Time Format]: Sets the time format.
 - [Daylight Saving Time]: Sets the daylight savings time.

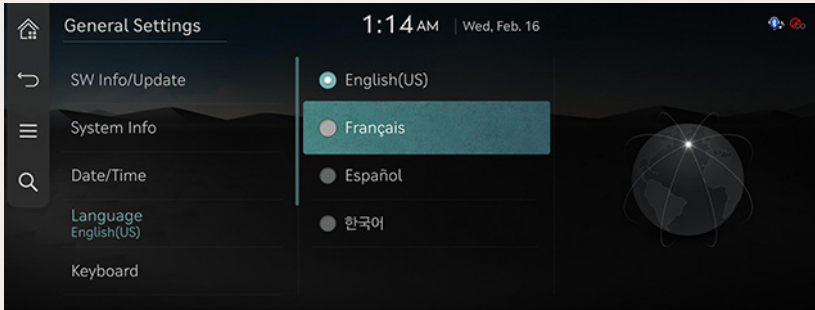
NOTE

- To manually set the time, use it after changing [GPS time] setting to off.
- When [Daylight Saving Time] is turned on, the clock is adjusted forward one hour.

LANGUAGE

You can set the language of the system display and voice language.

1. On the general settings screen, press [Language].



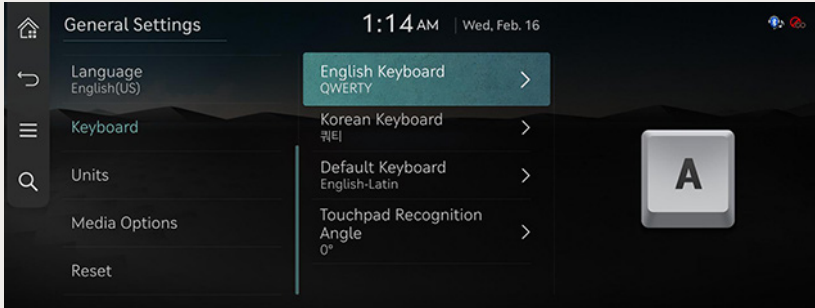
2. Select a desired item.

KEYBOARD

videopage008

You can set type of keyboard used in the system.

1. On the general settings screen, press [Keyboard].



2. Select a desired item.

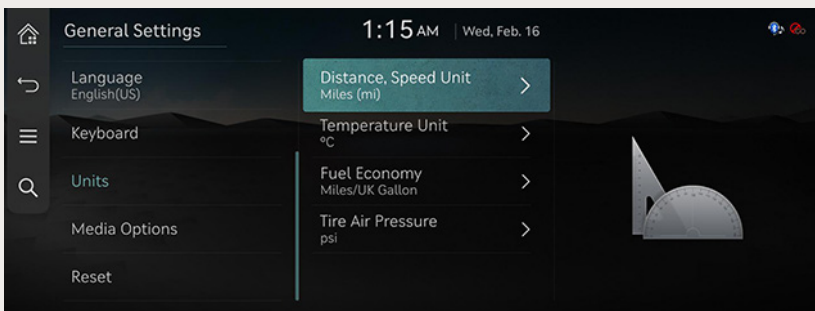
! NOTE

When you adjust the angle of handwriting and touch gesture recognition based on individual posture, press [Touchpad Recognition Angle].

UNITS

You can set the units used in the system.

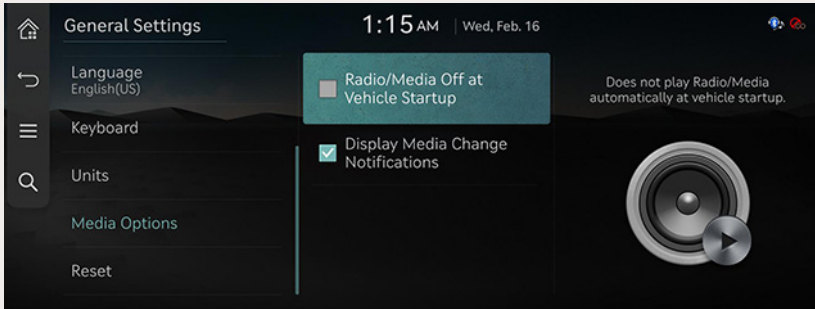
1. On the general settings screen, press [Units].



2. Select a desired item.

MEDIA OPTIONS

1. On the general settings screen, press [Media Options].



2. Select a desired item.
 - [Radio/Media Off at Vehicle Startup]: Stops media playback when engine is turning off. Media playback will not resume whilst engine is started up again.
 - [Display Media Change Notifications]: Briefly display media information whenever the content changes, except on media playing screen.

RESET

All stored data and profile settings will be lost and the system will be reset.
On the general settings screen, press [Reset].

USER PROFILE SETTINGS

videopage013

The images displayed on this system may differ from actual ones.

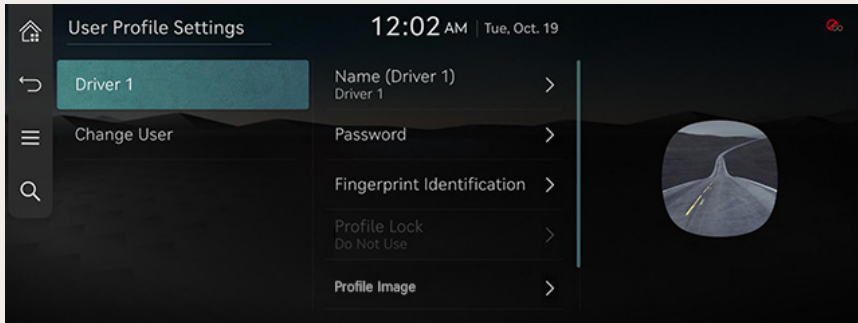
On the home screen, press [Setup] > [User Profile].

The user profile settings screen is displayed.

CHANGE USER PROFILE SETTINGS

Changes or reset the settings related to the profile.

1. On the user profile settings screen, press [Guest]/[Driver 1]/[Driver2].



2. Press the desired item.

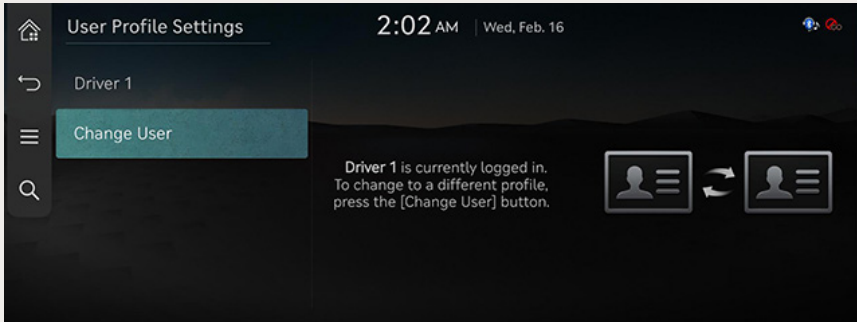
- [Name]: Changes the user name.
- [Password]: You can set the password when selecting the profile which is the connected services account.
- [Fingerprint Identification]: By setting your fingerprint, you can use fingerprint identification instead of a password for various convenience functions.

videopage026

- [Profile Lock]: You can set whether to use a password to access this profile.
- [Profile Image]: Selects an image to be used as a profile.
- [Link Connected Services Account]: You can link it after enabling the digital key setting in the vehicle settings.
- [Delete Driver 1/2 Profile]: All saved data and profile settings are deleted, and the system is initialized.

CHANGE USER

1. On the user profile settings screen, press [Change User].

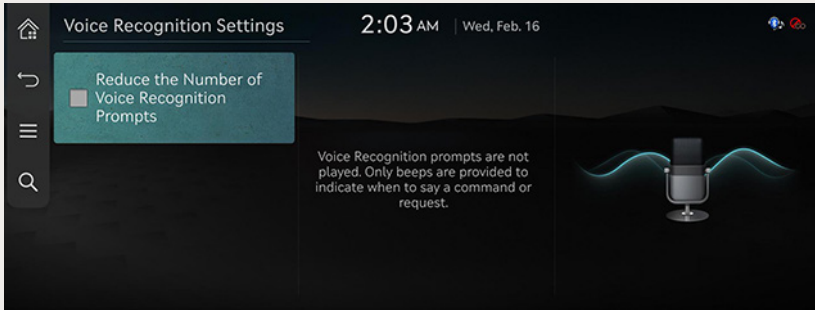


2. Select the desired profile.
3. When the profile is changed, safety warning page is displayed.

VOICE RECOGNITION SETTINGS

The images displayed on this system may differ from actual ones.

1. On the home screen, press [Setup] > [Voice Recognition].



2. Press the desired item.

! NOTE

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

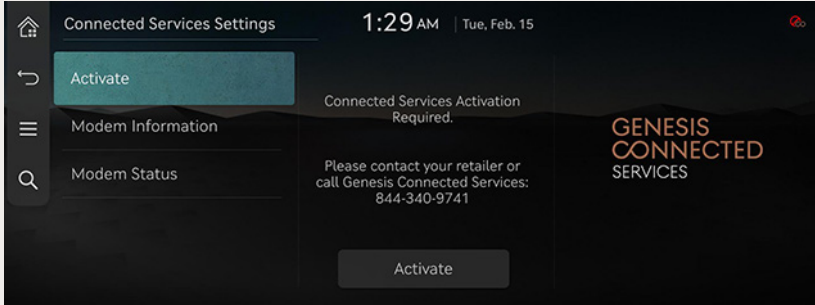
CONNECTED SERVICES SETTINGS

CONNECTED SERVICE

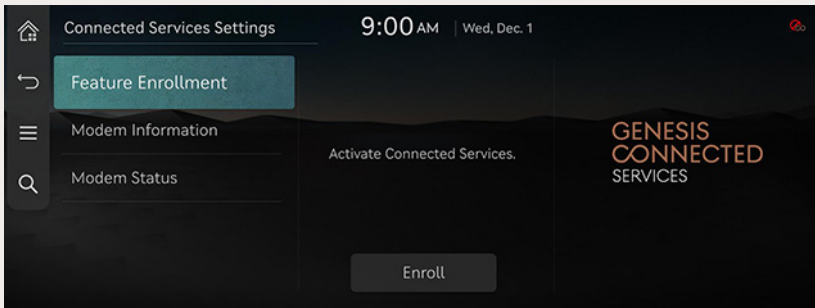
The images displayed on this system may differ from actual ones.

1. On the home screen, press [Setup] > [Connected Services].

< USA >



< Canada >



2. Select a desired item.

- [Activate]/[Feature Enrollment]: Activates the service.
- [Modem Information]: Checks the modem information.
- [Modem Status]: Checks the modem status.

UPDATE



WIRELESS UPDATE

videopage014

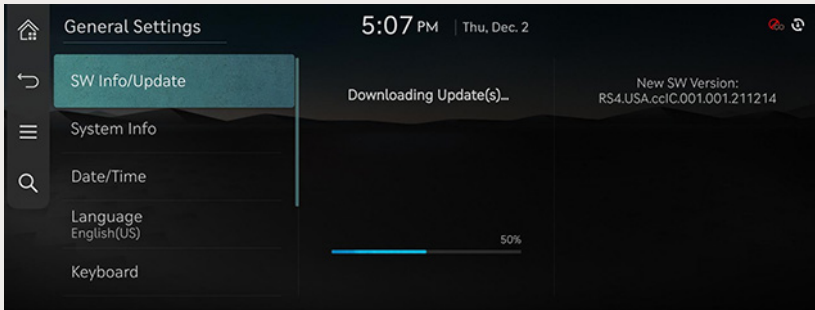
Downloads and installs the latest map and software automatically through wireless update.

After update, you can check the result by scanning QR code.

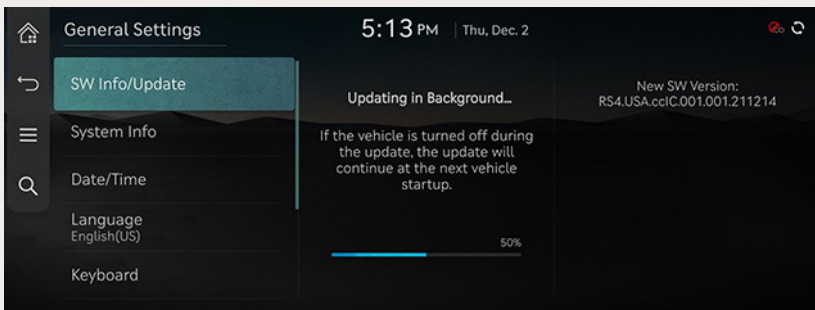
The images displayed on the screen can be differ from the actual one.

If you have signed up for Genesis Connected Services, the system is updated automatically when turning on the engine whenever there is a latest version.

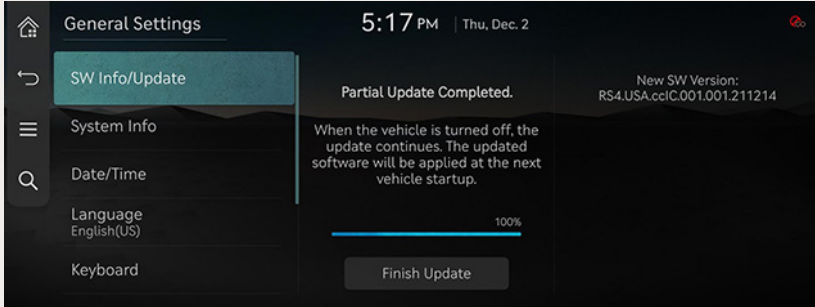
1. When turning on the engine, the update file is downloaded and the download icon is displayed in top right of the screen.



2. After finishing download, software and navigation are updated and the update icon is displayed in top right of the screen.



3. After update, a message turns up for the last step.



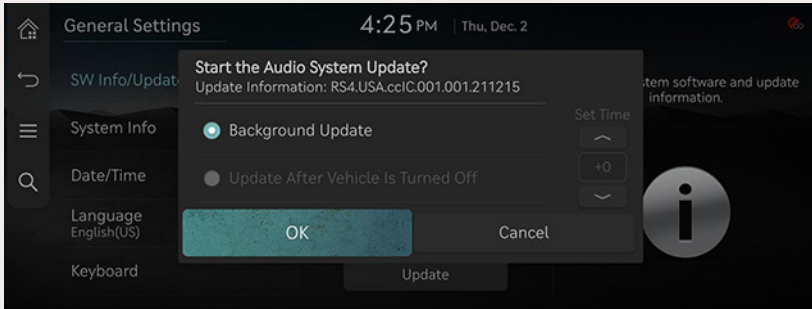
4. If you press [Finish Update] button, a message turns up for the last step.
5. The navigation system will restart and during the installation of the latest software of it, all functions including the sound are restricted.
6. After update, you can find update record [System Info] > [What's New] on the general settings screen.

A green circular icon containing a white exclamation mark.**NOTE**

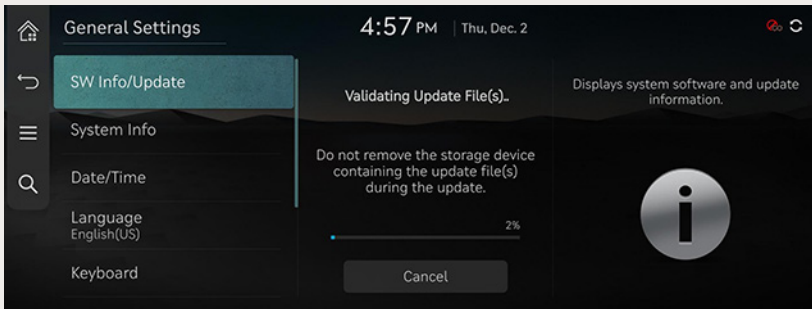
- This function is offered during the subscription on Genesis Connected Services.
- Even if the engine is turned off and on again during the update, update is resumed.
- What's new is not displayed right after purchasing the vehicle or in case that update has never been performed.
- If the system failed update, the wireless update is performed automatically when next latest version is distributed.

USB UPDATE

1. Insert latest file downloaded USB to USB connector at front seat.
2. On the general settings screen, press [SW Info/Update] > [Update].



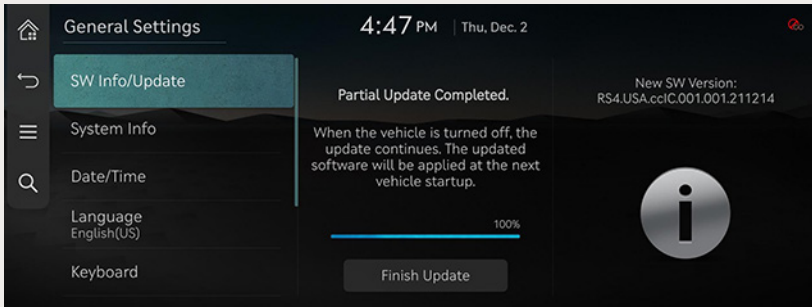
- [Background Update]: To perform update while using the system.
 - [Update After Vehicle Is Turned Off]: To update the navigation and infotainment system while not using the vehicle. (Make sure that a USB device with update files is connected to the system before turning off the vehicle.)
3. Validating update files in USB device.



4. Software and navigation are updated and the update icon is displayed in top right of the screen.



5. After update, a message turns up for the last step.



6. If you press [Finish Update] button, a message turns up for the last step.
7. The navigation system will restart and during the installation of the latest software of it, all functions including the sound are restricted.
8. After update, you can find update record [System Info] > [What's New] on the general settings screen.

NOTE

All features can be used during the update, but this may slow down the system.

OTHERS



USING 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 (ex. 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.
- 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.

 **NOTE**

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/APPLE CARPLAY

1. To connect your mobile phone to the USB port, use a genuine Apple USB cable for Apple CarPlay, and use a standard USB cable for Android Auto.
2. Select [Android Auto] or [Apple CarPlay] on the home screen.
3. You can use the features such as navigation, music, phone, etc, provided by Android Auto or Apple CarPlay.

NOTE

- To use Android Auto or Apple CarPlay after connecting your mobile phone, please unlock it.
- You may need to agree to use Android Auto or Apple CarPlay, depending on the type of the mobile phone you use.
- The screens and features displayed in the infotainment system can be changed according to the policy of each company.

Cautions - 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 settings.
- 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>)

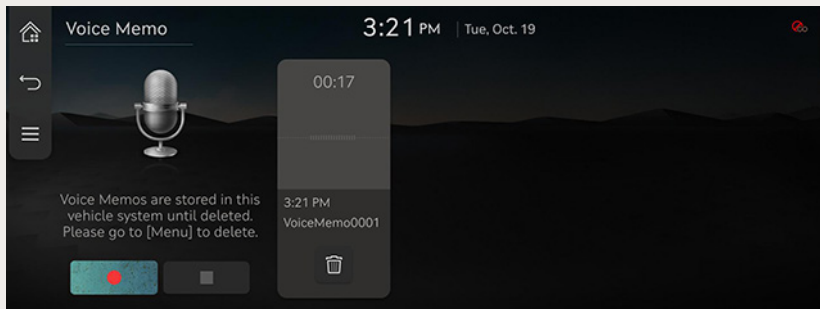
Cautions- Apple CarPlay

- 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 settings.
- 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/>)

USING VOICE MEMO

CREATING A VOICE MEMO

1. Press [Voice Memo] on the home screen.



2. Press [●] on the voice memo screen.
3. Record a voice memo.

Location	Details
Screen	<ul style="list-style-type: none"> • To pause voice memo recording, press [■]. Press [●] to start recording again. • To stop recording the voice memo, press [■].

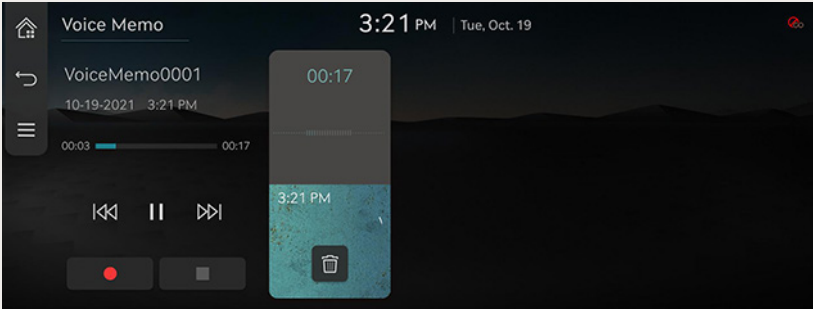
! NOTE

- All the sounds from this unit will not be output while the voice memo is operating.
- Voice memo pauses when you receive a Bluetooth phone call while the voice memo is operating.
- The location where you started recording is displayed at the top of the list of voice memo
- When the storage space is full during a voice memo, the voice memo is automatically saved and ends.
- [★] is available when you set to voice memo in the custom button settings.

RUNNING VOICE MEMO

PAUSE/PLAY VOICE MEMO

1. Select the voice memo you want to play in the voice memo list. The relevant voice memo is played.



2. Press [⏸] to pause the playback of a voice memo.
3. Press [▶] to resume the playback while a voice memo is paused.

PLAY PREVIOUS/NEXT VOICE MEMO

Plays the previous/next voice memo.

Location	Details
Screen	Touch [⏮/⏭].

FORWARD/REVERSE SEARCH VOICE MEMO

Rapidly searches the voice memo in play.

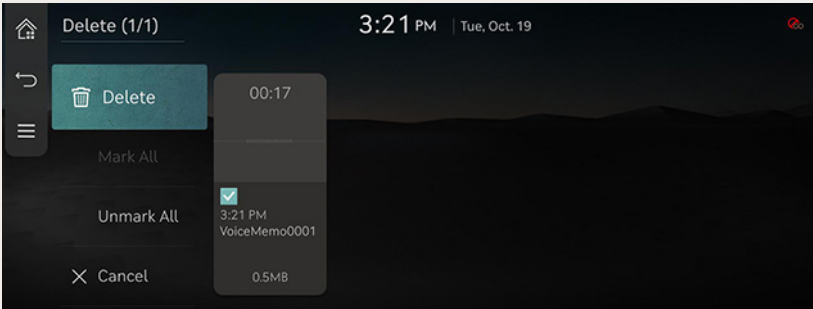
Location	Details
Screen	Touch and hold [⏮/⏭], and release it to play the part.

! NOTE

- When pressing [⏮/⏭] for 5 seconds or longer, the play speed changes as 4X > 20X.
- No audio is on during forward/reverse searching.


DELETING VOICE MEMO

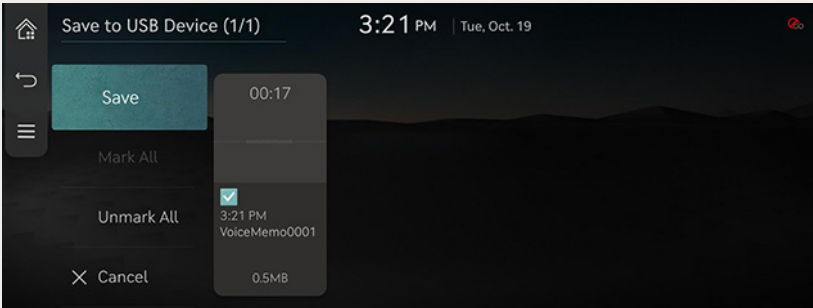
1. Press  > [Delete] on the voice memo screen.



2. Select the desired item, press [Delete] > [Yes].

SAVING A VOICE MEMO TO USB

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



3. Select the desired item, press [Save].

NOTE

- It can be saved to a USB memory formatted with FAT 16/32 or exFAT/NTFS.
- When saved to USB, a voice memo is copied to "VoiceMemo" folder and saved.



USING 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 COMMANDS

CONDITION FOR VOICE COMMANDS 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 the voice recognition button on the steering wheel remote control.
2. Say the desired voice command after the beep sound.

NOTE

- For proper recognition, please say the command the voice instruction after the beep sound.
- You can set the voice recognition guide sound. For more details, refer to the "Voice recognition settings".

SKIPPING PROMPT MESSAGES

Press the voice recognition button on the steering wheel remote control briefly again during the voice recognition guidance.

ENDING VOICE RECOGNITION

1. Press and hold the voice recognition button on the steering wheel remote control while voice recognition system is operating.
2. While the voice recognition system is operating, press any button on the head unit or press the [Exit] on the screen.

ADJUSTING VOICE RECOGNITION VOLUME

During the voice recognition system operation, the volume can be adjusted with the volume button on the front seat control key or the volume button on the steering wheel remote control.

VOICE RECOGNITION COMMANDS 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 multimedia/navigation/Bluetooth mode states.

NOTE

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

Basic commands

Command		Operation
●	Commands (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.
□	Go Back (Back)	Goes back to the previous screen.
●	Exit	Ends the voice recognition.

Radio commands

Command		Operation
●	FM	It plays FM radio.
●	AM	It plays AM radio.
●	SiriusXM	It plays SiriusXM radio.

Phone commands

- Voice commands related to phone calls can be used after connecting the Bluetooth phone device.
- To call a person, you must first download the mobile phone contacts.
- 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 (Call <Name> in office)	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as 'Office'. Ex.) "Call John Smith in office"
●	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 (Call <Name> on other number)	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.



Navigation commands

Check the following before you use navigation commands:

- 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.
- Searches are sorted by city/province for quick search.
- Some commands are available only when the destination is fixed.

Command		Operation
●	Saved places	Moves to the traffic Information menu screen.
●	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.
●	Previous destinations	Displays a list of recent destinations and you can set a destination by saying the number on the list.
●	Cancel route	Cancels the route to the fixed destination and exits guidance.
●	Pause route	Pauses the route guidance.
●	Route options	Moves to the route options screen.
●	Reroute	Restarts the route guidance.
●	Destination information	Tells you the remaining distance and time to your destination.
●	Route Overview (Show Route)	Displays a map overview of the entire route to your destination.
●	Previous Searches	Displays a list of previous searched points.

List of nearest locations

Navigation location names may be changed after a software update.



USING REAR VIEW MONITOR(RVM) - OPTION

ABOUT RVM

- Rear camera is an option for the customers who selected the option.
- In this instrument, for the safety of the user, the rear view monitor 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 view monitor starts the operation.

OPERATING RVM

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

NOTE

- The rear camera has a wide angle lens to provide a wide view, so the distance shown on the screen differs from the actual distance.
- For your safety, always check the rear, left and right views when reversing.

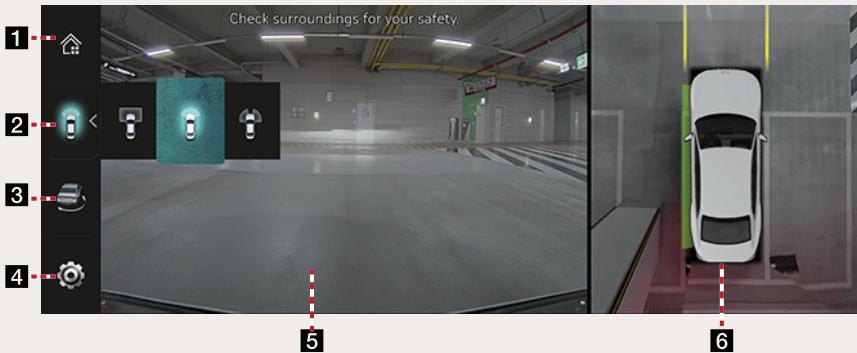
USING SURROUND VIEW MONITOR(SVM) - OPTION

ABOUT SVM

- SVM is an option that is provided to the customers who selected the option.
- While vehicle is started, if gear is put to "R" position, it automatically starts SVM.
- If gear is changed from "R" to "P" position, SVM operation stops.

OPERATING FRONT SVM

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



1 Home screen

Moves to the home screen.

2 Front top view

Displays an enlarged top view of the front.

Front wide view

Only front screen of the vehicle is displayed.

Front side view

Displays left front/right front screen of the vehicle simultaneously.



3 3D surround view

Displays 3D screen around the vehicle.

4 SVM settings

Move to SVM settings screen.

5 Front camera screen

Displays front camera view.

6 Top view camera screen

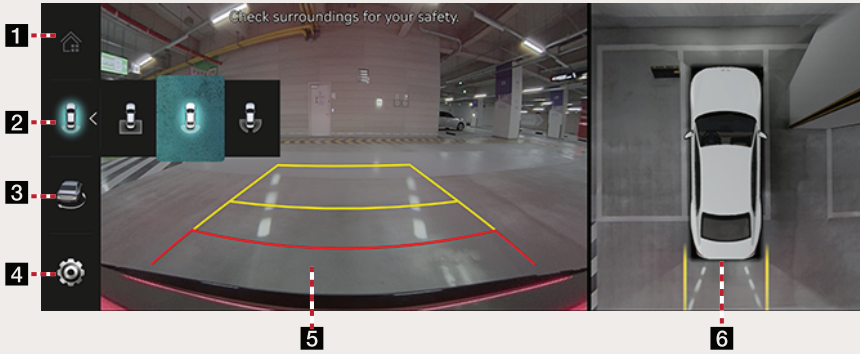
Displays top view that combines front, rear, left/right camera images.

! NOTE

- While front SVM is running, if you drive at about 10 km/h or more, SVM is turned off.
- At this state, even if you drive at about 10 km/h or less, SVM is remained at off state.

OPERATING REAR SVM

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



1 Home screen

Moves to the home screen.

2 Rear top view

Displays an enlarged top view of the rear.

Rear wide view

Displays only the rear screen of the vehicle.

Rear side view

Displays left rear/right rear screen of the vehicle simultaneously.

3 3D surround view

Displays 3D screen around the vehicle.

4 SVM settings

Move to SVM settings screen.

5 Rear camera screen

Displays rear view through the rear camera.

6 Top view camera screen

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

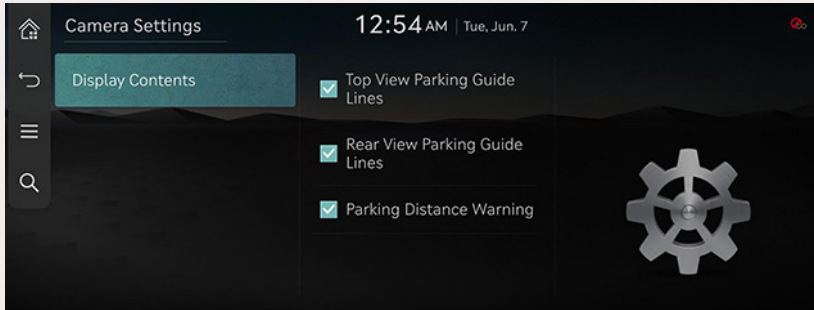


 **NOTE**

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

CAMERA SETTINGS

Press [⚙️] on the SVM screen. Sets the properties of camera.



VIEWING CAMERA ON THE REAR SEAT

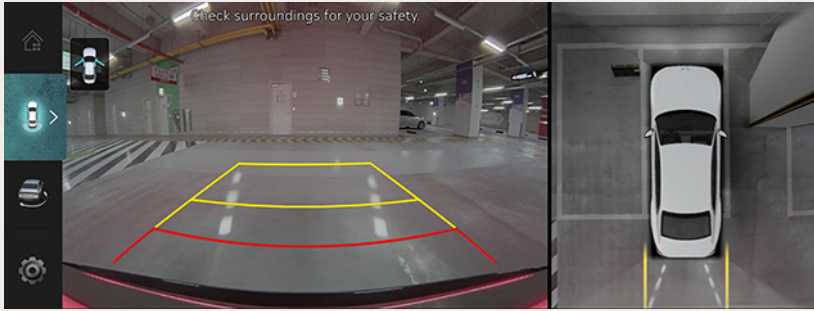
1. Press [Camera] on the rear seat display. The camera view is displayed.



2. Press [📺] repeatedly to change the camera view in sequence of front > rear > side > front.

WARNING DISPLAY

A warning icon is displayed on the screen when the vehicle door or trunk is opened, or the side mirrors are folded.



CLIMATE

The images displayed on this system may differ from actual ones.

OPERATING CLIMATE

Press [Climate] on the home screen.



1

Moves to the home screen.



Moves to the home screen or a previous screen.



Displays climate menu.

2 **Front seat set temperature**

Sets the set temperature of the front seat.

3 **Air clean mode**

The color is changed according to the air quality and condition inside the vehicle.

4 **Outside temperature**

Displays the current temperature outside the vehicle.

5 Activate upon Washer Fluid Use

Automatically prevents the washer fluid scent from entering the cabin.

When Entering Tunnels

Blocks outside air automatically when entering a tunnel.

Poor Air Quality Area

Blocks outside air automatically in locations where external air shut-off is recommended.

Smart Ventilation

When the climate control system is off, fresh air ventilation is activated automatically to maintain good cabin air quality.

Automatic Dehumidify

Automatically switches to fresh air ventilation to decrease humidity after an extended use of recirculated air.

Defog/Defrost

Sets the function used to reduce moisture on the windshield glass.

Auto Defog

Auto-activates various defog functions based on the level of humidity in the vehicle cabin.

Air Conditioner Auto-Dry

Turns on the fan to dry the inside of the air conditioner after the vehicle is turned off.

Climate Ctrl ECO Mode

Increases range of travel by reducing climate control cooling/heating power.

Driver Seat Warmer/Ventilation

Driver seat warmer/ventilation adjusts automatically based on climate control settings.

Steering Wheel Warmer

Steering wheel warmer adjusts automatically based on climate control settings.

6 Blower position

Changes the seat blower position to up/down.



7 AUTO

The air cooling and heating are automatically activated according to the set temperature.

A/C

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

HEAT

Turns the heater on and off.

DRIVER ONLY

Only the driver's seat activates the climate mode.

OFF

Turns off the climate function.

Blower level

Displays the set blower level.

SYNC

When the SYNC is active, passenger seat and driver seat are synchronized.

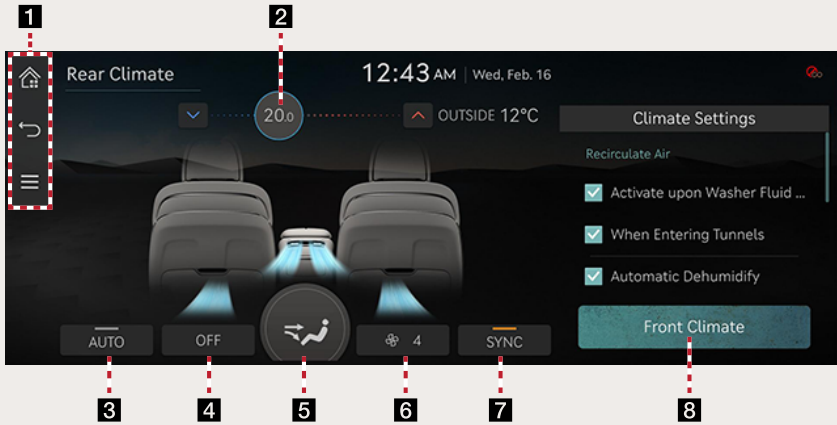
8 Rear Climate

You can set the rear seat climate controls.

OPERATING REAR CLIMATE

Controls the climate of the rear seat.

Press [Rear Climate] on the front climate screen.



1

Moves to the home screen.



It moves to the home screen or a previous screen.



It displays climate menu.

2 **Rear Seat Set Temperature**

You can set the temperature of the rear seat.

3 **AUTO**

The air cooling and heating are automatically activated according to the set temperature.

4 **OFF**

Turns off the climate function.



5 Blower Position

Changes the seat blower position to up/down.

6 Blower Level

Sets the blower level.

7 SYNC

When the SYNC is active, front seat temperature is synchronized as the rear seat temperature.

8 Front Climate

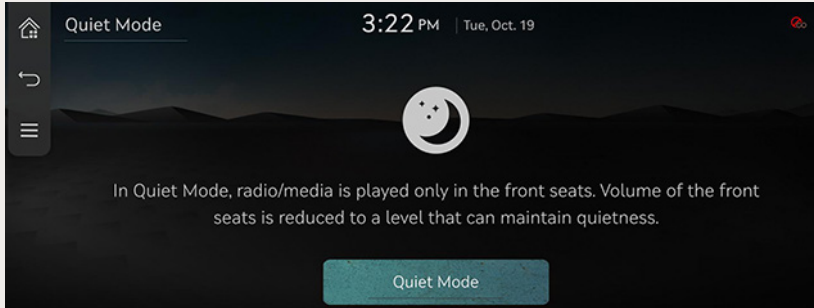
You can set the front seat climate controls.

QUIET MODE

In quiet mode, radio/media is played only in the front seats.

Volume of the front seats is reduced to a level that can maintain quietness.

Press [Quiet Mode] on the home screen.

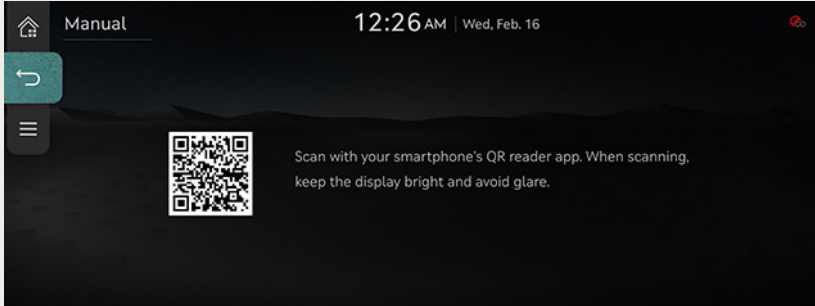


MANUAL

ONLINE MANUAL (NAVIGATION SYSTEM)

You can see web manual through QR code.

1. Press [Manual] > [Online Manual (Navigation System)] on the home screen.



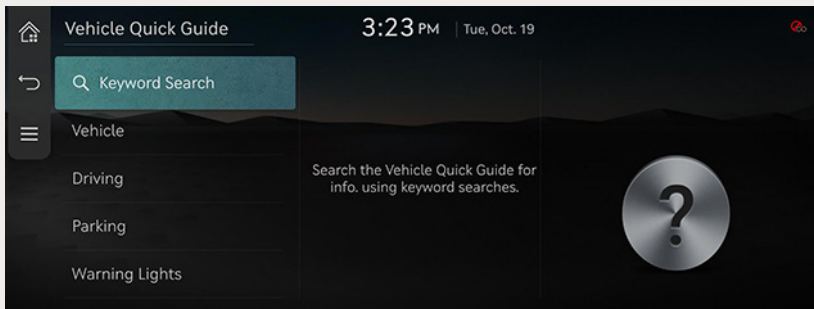
2. Scan QR code with mobile device.
3. For precise scan, avoid reflecting light, and maintain bright screen.

VEHICLE QUICK GUIDE

Quick guide may not include information which the user drives.

For more details, refer to the owner's manual.

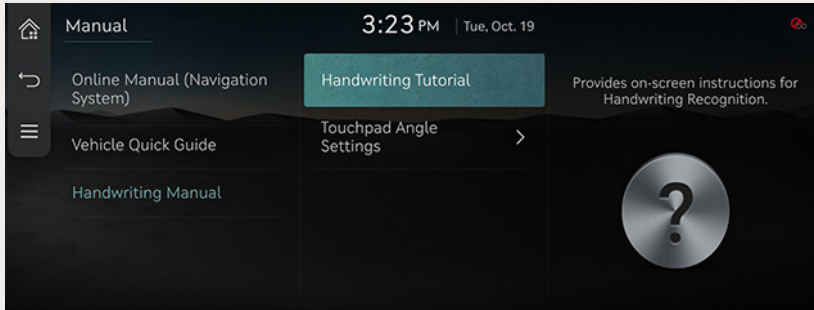
Press [Manual] > [Vehicle Quick Guide] on the home screen.



HANDWRITING MANUAL

Checks how to use the touch pad handwriting recognition and how to set the touch pad recognition angle.

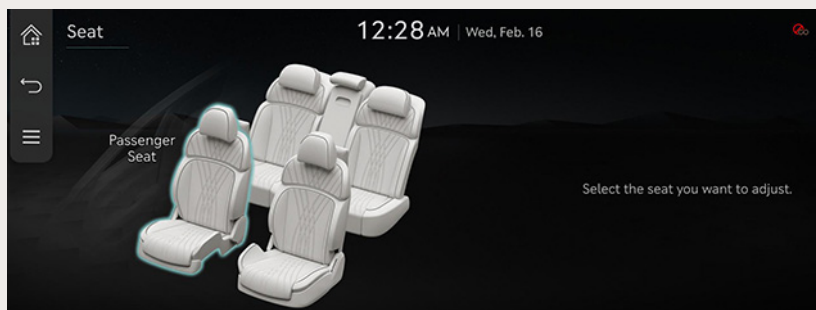
Press [Manual] > [Handwriting Manual] on the home screen.



SEAT

Adjusts the seat position and angle to feel comfortable for the user.

1. Press [Seat] on the home screen,



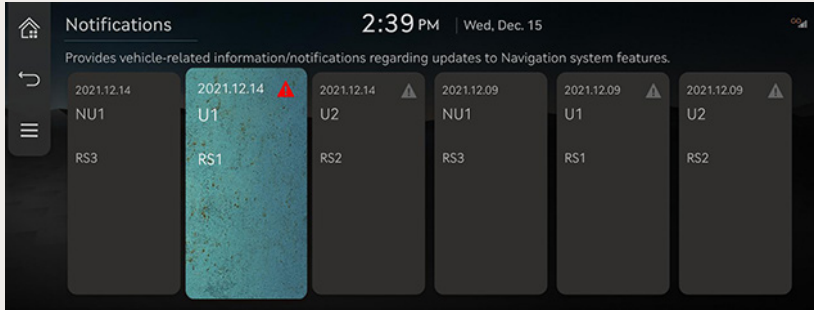
2. Adjust the desired items.

NOTIFICATION

Checks the notification by Genesis connected services center.

Provides vehicle related information and navigation updates.

Press [Notifications] on the home screen.



! NOTE

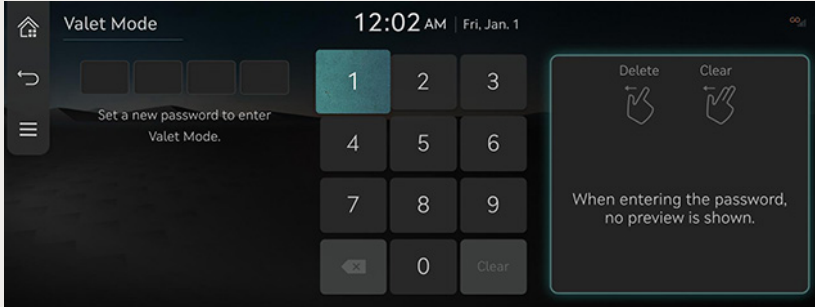
- You must activate to the Genesis connected services to use this function.
- Up to 100 notifications can be saved.

VALET MODE

videopage010

For privacy, disable the operation via the monitor or button when the valet mode is set. You can check the vehicle information through a smart phone application.

1. Press [Valet Mode] on the home screen.
2. Enter 4 new password to start valet mode.



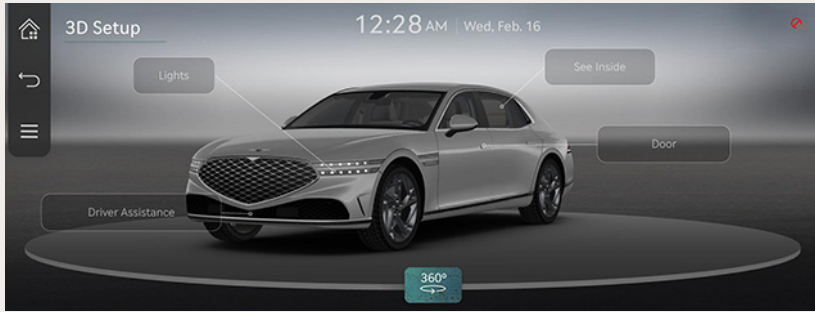
3. Enter the same password again.
4. When the valet mode is set, you can check the vehicle information in the smart phone application.
5. You can enter the four digits of the password you used to set the valet mode, or you can turn it off through the smart phone application.
6. If you fail to enter the password five times, you can only unlock it through the services center or the smart phone application.

! NOTE

- You must activate to the Genesis connected services to use this function.
- After signing up for the service, you need to install the Genesis connected services application on your smart phone.

3D SETUP

You can view the 3D vehicle image and enter the desired settings screen on the screen. Press [3D Setup] on the home screen.



CLUSTER

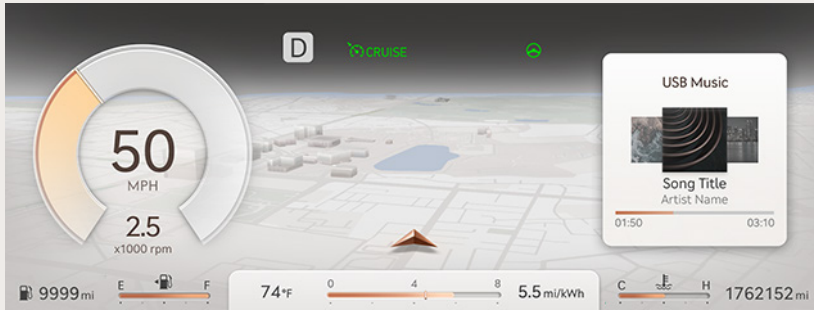
SWITCHING GAUGE

The cluster style can be switched with two gauge.

You can change it by pressing the tumbler button on the left side of the steering wheel.

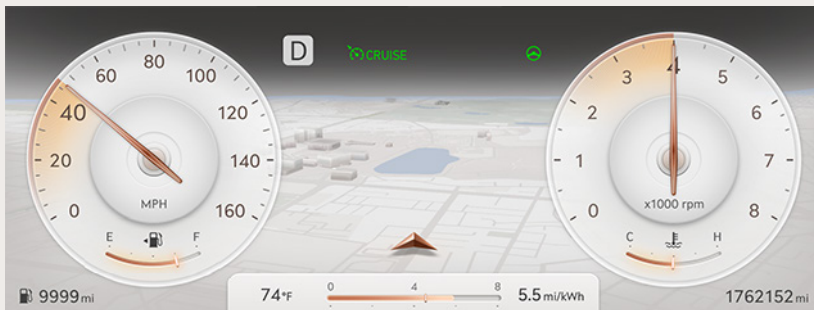
Digital Gauge

Displays the cluster in digital style.



Analog Gauge

Displays the cluster in an analog way.



SWITCHING VIEW MODE

Each view mode can be changed by pressing the center of the tumbler button on the left side of the steering wheel.

In case of digital gauge

- Map view mode: Displays navigation directions in neon view. (If the navigation specification is equipped)
- Assist view mode: Displays driving comfort and driving safety-related status on the screen. (If the driver assistance function is equipped)
- AR view mode: Displays navigation directions in AR mode. (If the augmented reality specification is equipped)
- Normal view mode : Display various widgets in the center of the screen.

In case of analog gauge

- Map view mode: Displays navigation directions in neon view. (If the navigation specification is equipped)
- Assist view mode: Displays driving comfort and driving safety-related status on the screen. (If the driver assistance function is equipped)
- AR view mode: Displays navigation directions in AR mode. (If the augmented reality specification is equipped)
- Normal view mode : Display various widgets on the right side of the screen. In the center of the screen, you can check the trip computer information.

NOTE

For specifications without navigation or augmented reality navigation, map view mode and AR view mode are not supported.

CLUSTER WIDGET

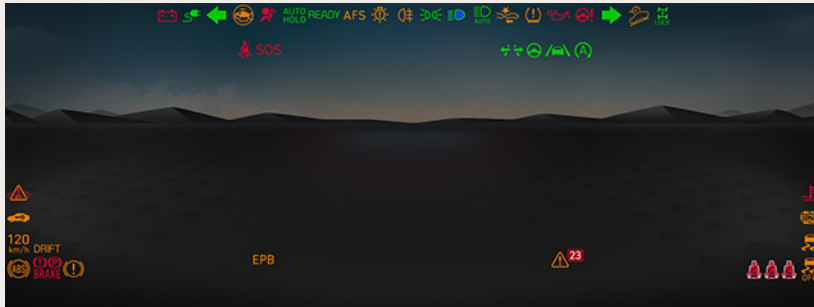
- The cluster widget is displayed on the right side of the cluster screen.
- You can access the cluster widget by pressing the optical mouse on the right side of the steering wheel remote control.
- To navigate the widget menu, swipe the optical mouse in browse mode and then press the button to select.

! NOTE

- You can not use cluster widget while setting Display-Theme/Screen Composition Settings-Widget in AVN settings menu.
- The voice recognition widget is not displayed in the cluster when voice recognition is turned on in Vehicle-Head-Up Display-Display Information in AVN settings menu. (You must unmark the function of HUD in AVN to show it in the cluster.)

WARNING LIGHT

This is the warning light displayed on the cluster. For details, refer to the vehicle instruction manual.



HUD (HEAD-UP DISPLAY)

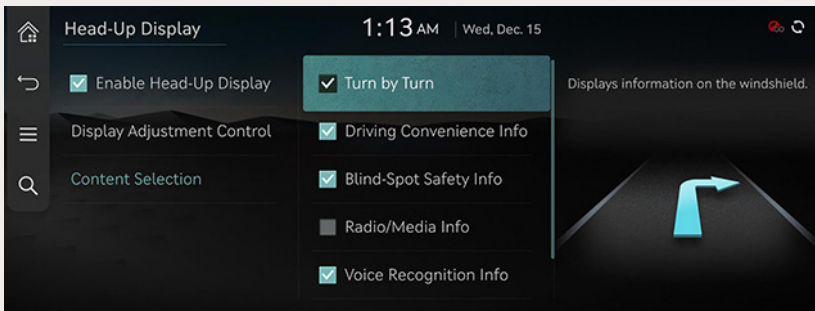
The images displayed on this system may differ from actual ones.

SETTINGS HUD VIEW

When [Enable head-up display] is checked in the head-up display settings screen of the vehicle settings, the HUD screen is displayed on the driver's windshield.

SETTINGS HUD DISPLAY INFORMATION

1. On the vehicle settings screen, press [Head-Up Display] > [Content Selection].



2. Press the desired item.
 - [Turn by Turn]: Displays information about navigation route guidance. It is displayed when setting a destination and guiding a route.
 - [Driving Convenience Info]: Displays information when driver assistance functions are activated.
 - [Blind-Spot Safety Info]: Displays warning when a risk is determined due to vehicle approaching from the rear.
 - [Radio/Media Info]: Displays information when changing radio frequencies or media files with the steering wheel. (including Bluetooth phone)
 - [Voice Recognition Info]: Displays information when activating voice recognition.

! NOTE

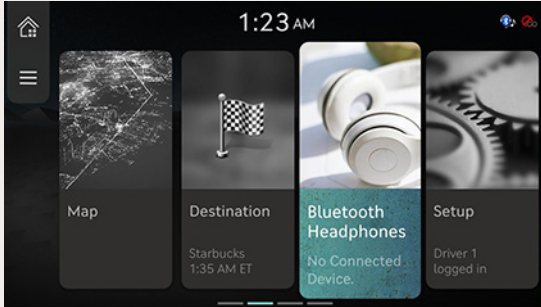
The HUD provides vehicle speed information, parking information, speed and sign/camera information, and driver assistance emergency alerts.

BLUETOOTH HEADPHONES

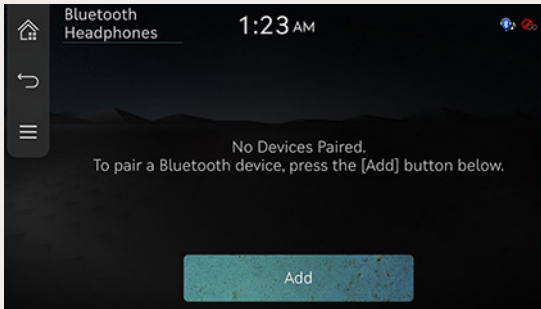
The rear seat passenger can listening to audio by pairing Bluetooth headphones to the vehicle. Only one device can be connected, and will support Bluetooth Audio only.

HEADPHONE CONNECTION (IF EQUIPPED)

1. Press [Bluetooth Headphones] on the rear seat display.



2. Press [Add] > [Search] on the headphone connection screen.



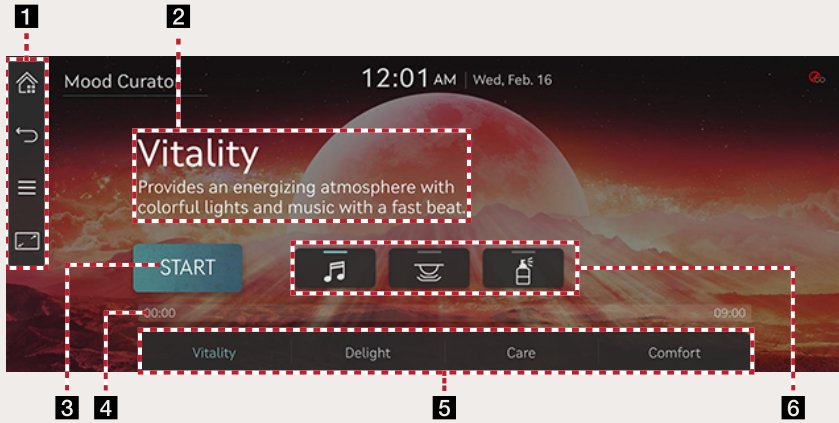
3. Selects a device to connect on the searched list.

MOOD CURATOR (IF EQUIPPED)

The combination of systems provides 4 moods that stimulate the senses and help improve emotions.

OPERATING MOOD CURATOR

Press [Mood Curator] on the home screen.



1

Moves to the home screen.



It moves to the home screen or a previous screen.



It displays mood curator menu.



Displays background image only.

2 **Mode Information**

Displays current mode information.

3 **Start/Stop**

Press to start or stop the mood curator.

4 **Playback progress bar**

Displays the playback progressing information.

5 Mode List

You can select a desired mode and displays currently playing mode.

6

Select whether to play music in the current mode.



Select whether to play interior mood light in the current mode.



Set whether to play scent diffusion in the current mode.

REFERENCE



THE INFORMATION ABOUT A OWNER'S MANUAL

ABOUT THIS OWNER'S MANUAL

Before use, please be sure to read precautions for safety and use it properly.

This owner's manual presents warning, caution and reference about the case that a driver or other person can be injured and its response to the case.

Be sure to read and observe this content since it is a very important point related to safety.

Please note that the vehicle model shown in the video manual may differ from your vehicle.

THE SYMBOL USED IN THIS OWNER'S MANUAL

WARNING

A symbol about issues that may lead to serious injury and accident related to life if the warnings described in this owner's manual are not observed.

CAUTION



A symbol about issues that may lead to an accident and bring injury or cause damage or failure of a car if the cautions described in this owner's manual are not observed.

NOTE

- Explanation about detailed information to understand the right use of product and its function.
- Explanation about related terms in case of explaining its function.

PRECAUTIONS FOR SAFETY

NOTATIONS USED WITHIN THIS USER'S MANUAL

	<div style="border: 1px solid black; padding: 5px;"> <p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK DO NOT OPEN</p> </div>	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		



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:

- 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 RADIO FREQUENCY INTERFERENCE REQUIREMENTS (FOR UNII DEVICES)

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device. This device cannot be co-located with any other transmitter.

FCC RF RADIATION EXPOSURE STATEMENT

[For having wireless function (WLAN, Bluetooth,...)]

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located 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 antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.



INDUSTRY CANADA STATEMENT

[For having wireless function (WLAN, Bluetooth,...)]

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 having wireless function (WLAN, Bluetooth,...)]

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.

RSS-247 REQUIREMENT (FOR CANADA)

[For product having the wireless function using 5 GHz frequency bands]

- i. the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- ii. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
- iii. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
- iv. [for devices operating in the band 5250-5350 MHz having an e.i.r.p. greater than 200 mW] antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 of RSS-247 shall be clearly indicated.

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

GENERAL INFORMATION

CAUTIONS FOR THE USE OF USB

- Please use it by installing a USB device after starting an engine.
- If the engine is started with a USB device installed, a USB device can be damaged.
- If it is not a standard format file, it is not played.
- MP3/WMA file only supports a music file with a compression level of 8 Kbps to 320 Kbps.
- Be careful of static electricity when connecting and disconnecting a USB external device.
- If encrypted MP3 player is connected to an external USB device, it is not recognized.
- When connecting a USB external device, it may not be recognized depending on the condition of a USB external device.
- It supports FAT16, FAT32, exFAT and NTFS.
- Some USB devices may not be supported due to compatibility issue.
- Please do not allow human body or object to touch the USB connection.
- Connecting and disconnecting a USB device for a short time repeatedly can cause its failure.
- Please connect and disconnect a USB external device only with the audio power turned off.
- The recognition time can vary depending on the type, capacity and format of a stored file but it is not a product failure.
- When using separate devices like USB HUB and extension cables, the USB may not be recognized. So, please use it by directly connecting to an infotainment system port of a car.
- When uploading an application program in a specific USB, the file may not be played.
- When the USB device, that is not recognized as removable discs like MP3 Player, mobile phone and digital camera, was connected, it may not be operated properly.
- The charge through USB may not be supported in case of some mobile devices.
- No operation may be guaranteed except standard product (Metal Cover Type) USB memory
- The operation of HDD Type, CF and SD memory is not guaranteed.
- The file that applied DRM (Digital Rights Management) is not played.
- The USB memory stick (SD Type or CF Type) used by being inserted into an adapter may not be recognized.

PLAYABLE FILE STANDARD

MUSIC FILE INFORMATION

- Playable File Types: “.mp3”, “.wma”, “.mka”, “.wav”, “.flac”, “.ogg”, “.ac3”, “.dts”, “.m4a”
- Playable Codec Types: “MPEG-1 layer I, II, III”, “AC-3”, “AAC”, “WMA”, “PCM (WAV only)”, “ADPCM (WAV only)”, “DTS”, “FLAC”
- Sampling Frequency: 8 - 48 KHz (MP3), 22.5 - 96 KHz (WMA), 8 - 192 KHz (PCM/WAV), 8 - 44 KHz (ADPCM/WAV), 32, 33.1, 48 KHz (AC-3), 8 - 192 KHz (AAC), 8 - 192 KHz (FLAC), 8 - 192 KHz (DTS)
- 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), 8~4.6Mbps (FLAC), 8 - 24.5 Mbps (DTS)

VIDEO FILE INFORMATION

- Playable File Types: “.avi”, “.mpg”, “.mpeg”, “.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”
- Playable resolution and frame rate: (MPEG-1) within 1280 x 720 30fps, 720 x 480p 30fps / 720 x 576p 25fps (H.263), 1920 x 1080 30fps (other supported Codec format)
- Playable File Types: “.smi”, “.srt”
- When the file name of image and subtitles is different, subtitles may not be displayed.



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 : <ul style="list-style-type: none"> - 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 : <ul style="list-style-type: none"> - 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 : <ul style="list-style-type: none"> - 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 : <ul style="list-style-type: none"> - Within modes that play files by reading external sources, such as USB 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.
<ul style="list-style-type: none"> • Possible Cause : The fuse is disconnected. • Countermeasure: <ul style="list-style-type: none"> - Replace with a suitable fuse. - If the fuse is disconnected again, please contact your dealer.
<ul style="list-style-type: none"> • Possible Cause : Device is not properly connected. • Countermeasure: Check to see that the device has been properly connected.
Problem: The system does not play.
<ul style="list-style-type: none"> • Possible Cause : The vehicle battery is low. • Countermeasure: Charge the battery if the problem persists, contact your point of purchase or service center.
Problem: The video color/tone quality is low.
<ul style="list-style-type: none"> • Possible Cause : The brightness, saturation, and contrast levels are not set properly. • Countermeasure: Properly adjust the brightness, saturation, and contrast levels through the display settings.
Problem: Sound does not work.
<ul style="list-style-type: none"> • Possible Cause : The volume level is set to the lowest level. • Countermeasure: Adjust the volume level.
<ul style="list-style-type: none"> • Possible Cause : The connection is not proper. • Countermeasure: Check to see that the device has been properly connected.
<ul style="list-style-type: none"> • 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 video quality is low.
<ul style="list-style-type: none"> • Possible Cause : Vibration is occurring from where the conversion switch has been installed. • Countermeasure: The sound may be short circuited and the video distorted if the device vibrates.



Problem: The USB does not work
<ul style="list-style-type: none"> • Possible Cause : USB memory is damaged. • Countermeasure: Please use after formatting the USB into FAT 16/32, exFAT, NTFS format.
<ul style="list-style-type: none"> • Possible Cause: USB memory has been contaminated. • Countermeasure: Remove any foreign substances on the contact surface of the USB memory and infotainment system.
<ul style="list-style-type: none"> • Possible Cause: A separately purchased USB HUB is being used. • Countermeasure: Directly connect the USB memory with the infotainment system on the vehicle.
<ul style="list-style-type: none"> • Possible Cause: A USB extension cable is being used. • Countermeasure: Directly connect the USB memory with the infotainment system on the vehicle.
<ul style="list-style-type: none"> • Possible Cause : A USB which is not a Metal Cover Type USB Memory is being used. • Countermeasure: Use standard USB Memory.
<ul style="list-style-type: none"> • Possible Cause : An HDD type, CF, SD Memory is being used. • Countermeasure: Use standard USB Memory.
<ul style="list-style-type: none"> • 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.

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About Map Updates

You can contact your dealer.

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 12 V
	Operation Power	DC 9 ~ 16 V
	Current Consumption	Max. 6 A
	Dark Current (average)	Max. 1 mA
	Operating Temperature	-20 ~ 70 °C
	Storage Temperature	-40 ~ 85 °C
	Dimensions (HeadUnit)	178 (W) x 70 (H) x 153.8 (D) mm
	Weight (Headunit)	1,989 kg
Front Monitor	Screen Size (Outline Dimension)	847,06(H) x 162,65(V) x 7,99(D) mm (Typ.), (W/O PemNut, W/Cover Glass 1.1T)
	Resolution	1920 x 720 (12.3") / 1920 x 720 (12.3")
	Operating Method	TFT, In Plane Switching (IPS), Active Metrix
	Viewing Angle	89/89/89/89 (L/R/U/D)
	Internal Lighting	LED
SiriusXM™	Frequency Range	2320 ~ 2345 Mhz
	Min. Sensitivity	-80 dBm
	T,H,D	Max. 0,2%
Bluetooth	Supported Profile	HFP 1.7/A2DP 1.3/AVRCP 1.6/PBAP 1.2/MAP 1.2/SPP 1.2/BIP 1.2
	Supported Bluetooth Specification	5,1
	Frequency Range/Output Power	2402 ~ 2480 Mhz Max. 4,0 dBm
	Number of Channels	79
Radio	AM	
	Tuning Range	530~1710 KHz
	Usable Sensitivity	35 dBuV
	SNR Ratio	45 dB
	FM	
	Tuning Range	87,5 ~ 107,9 Mhz
	Usable Sensitivity	10 dBuV
SNR Ratio	50 dB	



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@(#)queue.h 8.5 (Berkeley) 8/20/94

compat/arc4random_uniform.c, compat/arc4random_uniform.h



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```
* http://www.ncsa.uiuc.edu
*
* -----
*
* tcp_window_size.c
* by Mark Gates <mgates@nlanr.net>
* -----
* set/getsockopt
* ----- */
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*
 * stdio.c
 * by Mark Gates <mgates@nlanr.net>
 * and Ajay Tirumalla <tirumala@ncsa.uiuc.edu>
 * -----
 * input and output numbers, converting with kilo, mega, giga
 * ----- */

=====

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ICU

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Less

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```
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```

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"BTW, I would have rejected the name Story Server because its initials are SS, the name of the secret police in Nazi Germany, probably the most despised pair of letters in western culture." --- <http://scriptingnewsarchive.userland.com/1999/12/13>

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```
lib/gssapi/generic/gssapi_err_generic.et  
lib/gssapi/mechglue/g_accept_sec_context.c  
lib/gssapi/mechglue/g_acquire_cred.c  
lib/gssapi/mechglue/g_canon_name.c  
lib/gssapi/mechglue/g_compare_name.c  
lib/gssapi/mechglue/g_context_time.c  
lib/gssapi/mechglue/g_delete_sec_context.c
```

lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x



lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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- The make-ssh-known-hosts script is no longer included
- TSS has been removed
- MD5 is now external, in the OpenSSL library
- RC4 support has been replaced with ARC4 support from OpenSSL
- Blowfish is now external, in the OpenSSL library

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* @version 3.0 (December 2000)

*

* Optimised ANSI C code for the Rijndael cipher (now AES)

*

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

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

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