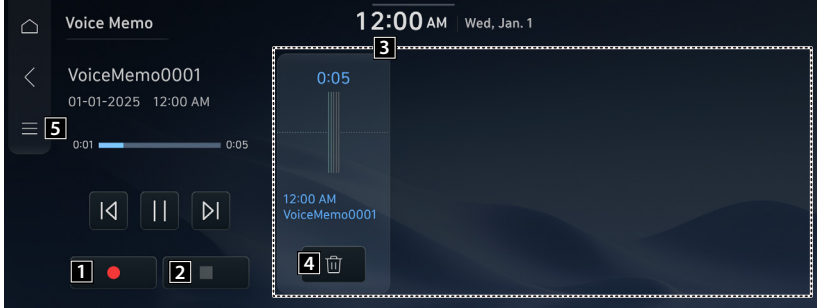


# Voice Memo

# Running the Voice Memo

You can use the microphone on the vehicle to record and play voice memos.

On the Home screen, press **Voice Memo**.



- 1** Starts or pause the recording.
- 2** Stops recording.
- 3** Displays the list of recorded voice memos.
- 4** Deletes a voice memo.
- 5** Displays the list of menus.
  - Display Off: Turns off the screen. To switch the screen back on, press the screen or briefly press the power button.
  - Delete: Can delete a voice memo.
  - Save to USB Device: Can record a voice memo to a USB storage device. Check that the USB device is compatible.
  - Storage Information: Can see the file size of recorded voice memos.

## Recording a voice memo

1. On the Voice memo screen, press .

Recording of a voice memo starts.

2. When recording is finished, press .

The recording stops and the voice memo is automatically saved.

 The adjust the recording sound volume during voice recording, drag the control bar.

 The screen may differ depending on the vehicle model and specifications.

 To temporarily stop recording, press .

 When recording starts, the other audio functions are muted or playback is paused.

 When you make or receive a call while recording, the recording is paused.

 When you make an emergency call or you are connected to an emergency call after airbag deployment, the recording stops and the recorded voice memo is automatically saved.

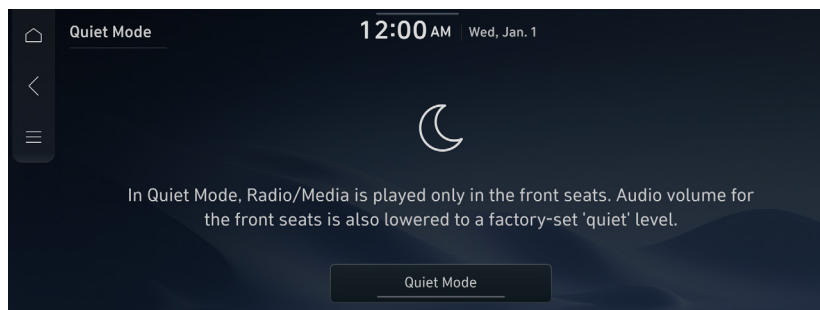
# Quiet Mode

# Using the Quiet Mode

Turn off the rear-seat speakers to prevent rear-seat occupants from being disturbed while sleeping.

1. On the Home screen, press **Quiet Mode**.
2. Press **Quiet Mode**.  
The rear-seat speakers turn off, and the volumes of the front-seat speakers are adjusted appropriately. Press again to switch off.

 To end the Quiet mode, press **Quiet Mode** once more.



# Parking assistance screen

## Viewing the parking assistance screen

The system screen displays the surrounding view of the vehicle, using the feed from the camera installed on the vehicle. Referring to this view and the displayed parking assist lines, you can park your vehicle easily and safely.

 The displayed screen may differ depending on the vehicle model.

### **Warning**

When backing up, make sure to follow the guidelines below:

- Before entering your vehicle, always check the area behind your vehicle.
- Do not solely rely on the rear view camera when backing up. Always ensure that it is safe to back up by checking behind you and looking in the rear view mirrors.
- Always back up slowly and stop immediately if you suspect that a person, especially a child, might be behind you.

### **Caution**

Objects on the screen may not be as close or far as they appear. Be sure to check the rear, left and right sides with your own eyes for safety.

# Rear View Monitor

1. Press the "R" (Reverse) button shifter (or move the shift lever to "R" in a previous vehicle model) with the vehicle turned on.  
The system automatically displays the rear view with parking assist guidelines.
2. Safely park your vehicle, checking the rear view and guidelines.

| Icon                                                                              | Description                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Displays the rear view. <ul style="list-style-type: none"> <li>•  : Rear top view</li> <li>•  : Rear view</li> <li>•  : Rear wide view</li> </ul> |
|  | Adjusts the brightness and contrast of camera images. To select the information to display on the screen, press  > <b>Display Contents</b> .                                                                                                                                                                        |
|  | Returns to the previous screen.                                                                                                                                                                                                                                                                                                                                                                      |

-  The guidelines appear on the rear view.
  - The distance behind the vehicle is indicated by guide lines. During and after parking, you can check the area behind the vehicle for sufficient space and for any objects.
  - The rear top view displays the extension line from the center of the vehicle. According to the steering direction, the moving direction of the center is displayed on the screen.
-  Noting the parking assist guidelines based on the steering, you can see the moving direction.
-  You can also view the rear view while in the "P"(Park) state, by pressing Park/View button.

## Viewing the rear view while driving

Even while driving, you can see the rear view through the system screen.  
To display the rear view while driving, press Park/View button.

-  To turn off the rear view, press Park/View button again.
-  While driving, the rear top view is not displayed.

## Configuring rear view settings

Specify what information to display on the rear view, or adjust or reset (if equipped) the brightness or contrast of the view, using one of the following methods.

- On the rear view screen, Press .
- On the Home screen, press **Setup > Display > Camera Settings**.
- On the Home screen, press **Setup > Vehicle > Driver Assistance > Parking Safety > Camera Settings**.

# Surround View Monitor

The multiple wide-angle cameras equipped in the vehicle allow you to perceive all conditions around the vehicle.

| Icon                                                                                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Displays the front view. <ul style="list-style-type: none"><li> : Front top view</li><li> : Front view</li><li> : Front side view</li><li> : Front wide view</li></ul> |
|    | Displays the rear view. <ul style="list-style-type: none"><li> : Rear top view</li><li> : Rear view</li><li> : Rear side view</li><li> : Rear wide view</li></ul>      |
|    | Displays the 3D view.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|    | Adjusts the brightness and contrast of camera images. To select the information to display on the screen press  > <b>Display Contents</b> .                                                                                                                                                                                                                                                                               |
|  | Returns to the previous screen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

-  The front view monitor function operates only when any of the following conditions are met.
  - Gear shift from "R"(Reverse) to "N"(Neutral) or "D"(Drive), and driving at under 10 km/h
  - While driving at under 10 km/h with the gear in "D"(Drive) or "N"(Neutral), the Park/View button is pressed
-  The rear view monitor function operates only when any of the following conditions are met.
  - The gear shifter is in "R"(Reverse)
-  To display the surround view while in "P"(Park) mode, press the Park/View button.
-  To turn off the surround view, shift to "P"(Park) or press the Park/View button.
-  When any door or trunk (tailgate) is open or outside rear view mirrors are folded, an alert icon appears on the screen.

## Viewing the front view/rear view while driving

You can view the area in front or rear of the vehicle through the system screen while driving. To view the area in front or rear of the vehicle while driving, press the Park/View button. The system screen displays the front or rear view.

-  While driving, the front or rear view feature works when the following conditions are met
  - While driving at over 10 km/h, the Park/View button is pressed
-  To turn off the front or rear view, press the Park/View button.
-  While driving, the front top view or rear top view is not displayed.
-  You can use Remote Smart Parking Assist by long pressing the Park/View button. For more information, refer to the owner's manual that is separately provided (if equipped).

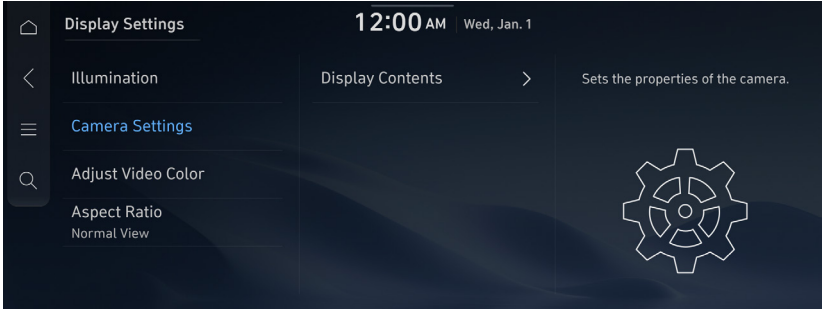
## Configuring surround view settings

Specify what information to display on the surround view, or adjust or reset (if equipped) the brightness or contrast of the view, using one of the following methods.

- On the rear view screen, Press .
- On the Home screen, press **Setup > Display > Camera Settings**.
- On the Home screen, press **Setup > Vehicle > Driver Assistance > Parking Safety > Camera Settings**.

# Configuring the camera

Configure the screen settings for the parking assist view and set the information to display in the view.



## Display Contents

Set the information to display on the view screen.

### Parking Distance Warning

Parking distance warning is displayed in top view video feeds. (Surround view monitor-equipped vehicles only)

### Top View Parking Guide Lines

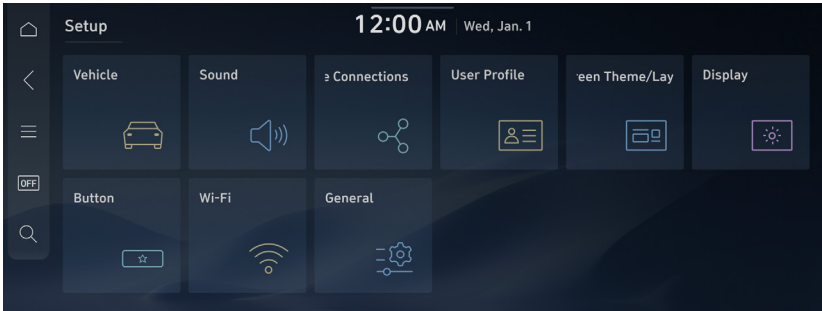
Parking guide lines are displayed in top view video feeds. (Surround view monitor-equipped vehicle only)

### Rear View Parking Guide Lines

Displays the parking guide line on the rear view.

# Settings

# Configuring system settings



-  Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.
-  Available settings may differ depending on the vehicle model and specifications.

# Configuring the vehicle settings

Configure driving-related features and other vehicle settings.

## **Caution**

Make sure you stop the vehicle before changing settings to ensure safety.

-  Vehicle settings can be changed only when the vehicle is turned on.
-  Available settings may differ depending on the vehicle model and specifications.
-  Some features may not be supported, depending on the climate control system.

1. On the Home screen, press **Setup > Vehicle**.

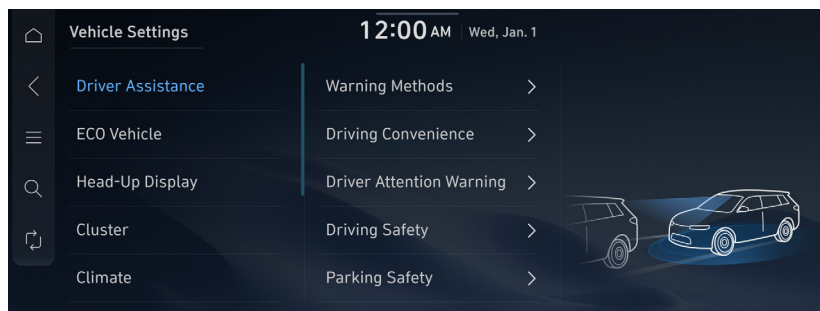
The Vehicle settings screen appears.

2. Configure the settings required.

-  Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.

## Driver Assistance (if equipped)

Configure settings for various driver-assist systems, to ensure safety.



 Available settings may differ depending on the vehicle model and specifications. Refer to the car owner's manual for further information about the features.

### Warning

- Be sure to always check the road conditions while driving. The Driver Assistance system helps you drive safely and conveniently. Relying solely on the function may cause violation of traffic rules and regulations, resulting in an accident.
- Be sure to control the vehicle by your judgment and keep traffic regulations for safety. When the function is active, drive the vehicle with keeping eyes forward and checking the surroundings.
- Not all warnings or functions are necessary when they are active, and they do not replace the driver discretion under any circumstances. Stay focused on the road while driving.

### Caution

Be sure to always check the vehicle surroundings while driving. The equipped cameras and sensors may not operate properly under all driving conditions.

## Driving Convenience

Sets the properties of the Driving Convenience system.

-  The Driving Convenience system operates based on the information from the navigation system so you must use the system only when the navigation system operates properly.
- **Smart Cruise Control:** The properties of the Smart Cruise Control system.

## Speed Limit

Sets the properties of the Speed Limit system.

- **Speed Limit Offset:** Provides a warning and adjusts the vehicle's set speed based on the current road's speed limit and the selected offset.

- **Speed limit assist:** Adjusts the vehicle's set speed based on the current road's speed limit when operating the +/- switch.
- **Speed limit warning:** Provides a warning when exceeding the current speed limit of the road.
- **Off:** Disables Speed Limit functions that use the current speed limit.

## Warning Methods

Sets the warning method of the driver assistance system.

- **Warning Volume:** Sets the volume of the warning sound.
- **Haptic Warning:** Sets the intensity of the steering wheel vibration warning.
- **Lane Safety Audible Warning Off:** Turns off the Lane Safety Audible Warning, even when both warning volume and haptic warning are on.
- **Driving Safety Priority:** Lowers all other audio volumes when a Driving Safety system sounds a warning.
- **Parking Safety Priority:** Lowers all other audio volumes when a Parking Assist view is active.

## Driver Attention Warning

Sets the properties of the 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.

### **Warning**

Be sure to always check the road conditions ahead or surroundings before departure. An accident caused by distracted driving can be prevented.

## Driving Safety

Sets the properties of the Driving Safety system.

- **Forward Safety:** Provides a warning and vehicle control when a risk of forward collision is detected.
- **Forward Safety Warning Timing:** Sets the timing of the Forward Safety System warnings.
- **Forward Cross-Traffic Safety:** Provides a warning and emergency braking when a risk of forward cross-traffic collision is detected.
- **Front/Side Safety:** Provides a warning and emergency braking when a risk of forward or side collision is detected.
- **Lane Safety:** Automatically assists with steering to help prevent the vehicle from leaving the lane.
- **Blind-Spot View Monitor:** Displays the Blind Spot view in the cluster when operating the turn signal control.
- **Blind-Spot Safety:** Provides a warning when a risk of blind-spot collision is detected, and provides vehicle control while departing a parallel parking spot.

- **Exit Safety:** Provides a warning and door control when an approaching vehicle is detected in the vehicle's blind spot.

## Parking Safety

Sets the properties of the Parking Safety system.

- **Camera Settings:** Sets the properties of the camera.
- **Surround View Monitor Auto On:** 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.
- **Rear Safety:** Provides a warning and emergency braking when a risk of rear collision is detected while reversing.
- **Rear Cross-Traffic Safety:** Provides a warning and emergency braking when a risk of rear cross-traffic collision is detected while reversing.

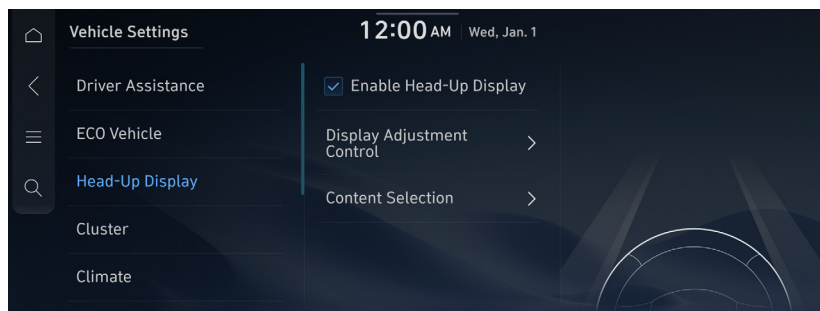


### Warning

- Even if your vehicle is equipped with a driver assistance system, always check for objects around the vehicle when driving or parking. Relying on the Parking Safety system may cause an accident. Accordingly, be sure to control the vehicle by your judgment.
- When the sensors cannot detect any obstacles due to the detection limit, it may cause an accident. Be sure to always check the surroundings while parking.

## Head-Up Display (if equipped)

Configure settings for the head-up display, which displays information such as driving speed and road-related information while driving.



 Available settings may differ depending on the vehicle model and specifications.

### Enable Head-Up Display

Displays information on the windshield.

### Display Adjustment Control

Set the screen brightness to manually to stay at a constant brightness level.

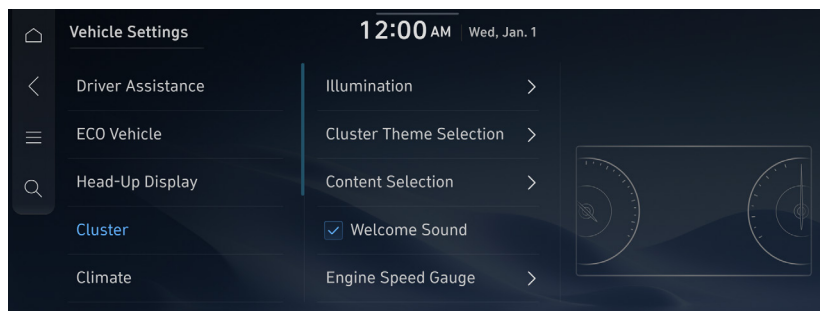
- **Automatically Save HUD Height and Rotation Settings:** Automatically saves all adjustments to the HUD height and left/right rotation settings after the IMS System has been activated.

### Content Selection

You can turn on or off the information displayed on the HUD.

## Cluster (if equipped)

Set the data to display on the instrument cluster and the guiding beep.



 Available settings may differ depending on the vehicle model and specifications.

### Illumination

Set the screen brightness to manually to stay at a constant brightness level.

### Cluster Theme Selection

Cluster uses the selected theme.

- **Gauge Style:** Sets the appearance/theme of the gauge style.
- **Graphic Styles:** Sets the appearance/theme of the graphics style.

### Content Selection

Selects contents to be shown on the cluster display.

- **Wiper/Lights Display:** Displays a pop-up confirming the selected setting when the wipers/ lights are used.
- **Blind-Spot View Monitor:** Displays the Blind Spot view in the cluster when operating the turn signal control.
- **Icy Road Warning:** Provides a warning when the road may be icy, when the outside temperature is about 39°F (4°C) or lower.

### Welcome Sound

Provides an audible tone when the cluster turns On or Off.

### Engine Speed Gauge

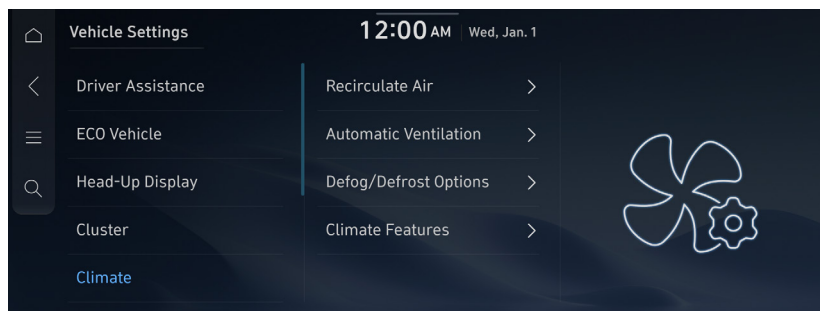
Select the drive modes, in which the Engine Speed Gauge shall be displayed.

### Reset AUTO STOP Timer

Selects when to reset the average fuel economy display. The AUTO STOP cumulative time is also dependent on selected value.

## Climate (if equipped)

You can configure the operation environment for climate control system.



 Available settings may differ depending on the vehicle model and specifications.

### Recirculate Air

Blocks outside air automatically to maintain a comfortable environment.

- **Activate upon Washer Fluid Use:** Automatically prevents the washer fluid scent from entering the cabin.

### Automatic Ventilation

Automatically switches the ventilation system to the Fresh Air mode after an extended use of Recirculated Air.

- **Auto Dehumidify:** Automatically switches to Fresh Air ventilation to decrease humidity after an extended use of Recirculated Air.

### Defog/Defrost Options

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

- **Defog/Defrost:** Activates Fresh Air ventilation and A/C to remove windshield moisture quickly.
- **Auto defog:** Automatically activates the Climate system to prevent the windshield from fogging up.

### Climate Features

Activates the Convenience functions for Climate Control.

- **Climate Control ECO Mode:** Helps to decrease energy consumption by reducing the heating and cooling power of the Climate Control system.
- **Air Conditioner Auto-Dry:** Turns on the fan to dry the inside of the air conditioner after the vehicle is turned off.

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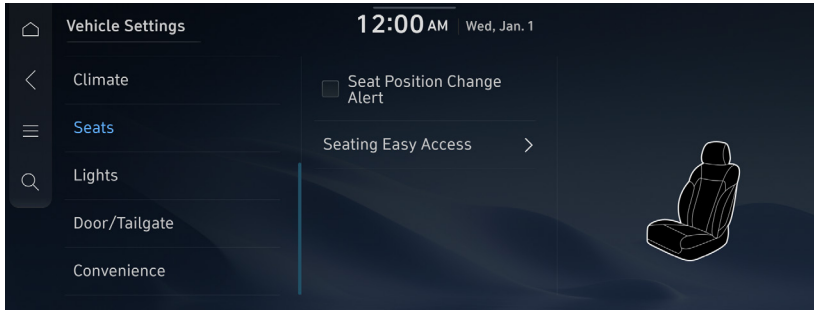
## Automatic Controls Linked to Climate Control Settings

Activates the function that Steering wheel warmer and driver seat warmer/ventilation adjust automatically based on climate control settings.

- **Steering Wheel Warmer:** Steering Wheel Warmer adjusts automatically based on Climate control settings.
- **Driver Seat Warmer/Ventilation:** Driver Seat Warmer/Ventilation adjusts automatically based on Climate control settings.

## Seat (if equipped)

You can set to use various features (motions and warmer control for the driver's seat, rear seat, and steering wheel) that are related to the seats and steering wheel.



 Available settings may differ depending on the vehicle model and specifications.

### Seat Position Change Alert

Displays the change alert when the seat position changes.

### Automatic Controls Linked to Climate Control Settings

Activates the function that Steering wheel warmer and driver seat warmer/ventilation adjust automatically based on climate control settings.

- **Steering Wheel Warmer:** Steering Wheel Warmer adjusts automatically based on Climate control settings.
- **Driver Seat Warmer/Ventilation:** Driver Seat Warmer/Ventilation adjusts automatically based on Climate control settings.

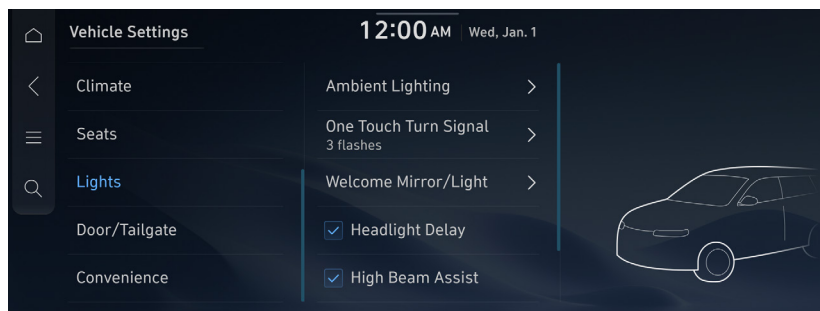
### Seating Easy Access

Moves the steering wheel/seats to provide easier exit/entry for the driver and vehicle passengers.

- **Driver Seat Easy Access:** Selects the distance the seat automatically moves when the driver enters/exits the vehicle.
- **Passenger seat:** Moves the steering wheel when the driver enters/exits the vehicle.

## Lights (if equipped)

You can configure the settings for vehicle lights.



 Available settings may differ depending on the vehicle model and specifications.

### Ambient Lighting

Selects how the ambient light operates.

- **Brightness:** Adjusts the brightness of the interior mood lighting.
- **Color:** Choose a color for the interior mood lighting.
- **Link to drive mode:** Mood Lighting changes color according to the selected Drive Mode.
- **Dimmed in dark:** Automatically dims mood lighting under darkened conditions.

### One Touch Turn Signal

Selects the number of times the turn signal blinks when the turn signal lever is moved slightly.

### Intelligent High Beams

Sets the vehicle speed at which the Intelligent High Beams system activates, or disables the feature.

### Welcome Mirror/Light

Selects the condition when the outside mirrors will unfold and the door handle light will turn on automatically.

- **On door unlock:** The Welcome feature is enabled when the doors are unlocked.
- **On driver approach:** The Welcome feature is activated when a driver with a smart key is nearby.

### 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.

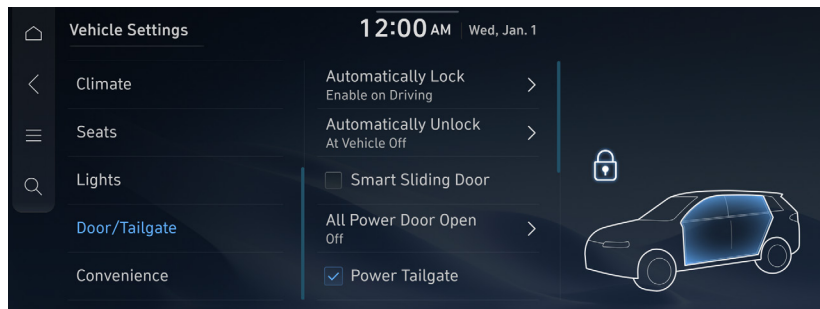
---

## **Interior button lighting always on**

Always on for interior button and switch lightning.

## Door/Tailgate (if equipped)

You can configure the operation environment for the trunk (liftgate) and doors.



 Available settings may differ depending on the vehicle model and specifications.

### Automatically Lock

Selects the condition when all doors will lock automatically.

### Automatically Unlock

Selects the condition when all doors will unlock automatically.

### All Power Door Open

Option to open the power doors/tailgate when the unlock button on the Smart Key is pressed for 3 seconds.

### Power Tailgate

The Power Tailgate button can be used to automatically open/close the Tailgate.

### Power Tailgate Speed

Selects the height the power trunk automatically moves.

### Power Tailgate Open Height

Sets the height of the opened tailgate.

### Smart Tailgate

The tailgate will automatically open when approaching the tailgate with the smart key.

### Liftgate Auto Close

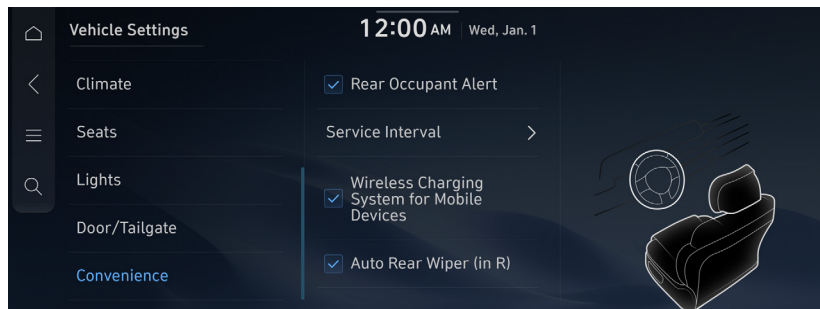
Closes liftgate automatically when the smart key is no longer nearby.

## **Remote Window**

Activates/deactivates the remote vehicle window control function.

## Convenience (if equipped)

You can configure the features for convenience such as wireless charging.



 Available settings may differ depending on the vehicle model and specifications.

### Rear Occupant Alert

Provides an alert to the driver that passenger(s) are in the rear seat of the vehicle.

### Service Interval

Displays an alert when a scheduled service interval is reached.

### Wireless Charging System for Mobile Devices

Enables the wireless charging pad to be used with compatible devices.

### Mobile phone wireless charging indicator

Choose the indicator display type when a mobile phone is being charged using the wireless charging pad.

### Auto Rear Wiper (in R)

Activates the rear windshield wiper automatically when the front wiper is On and the gear position is in reverse.

# Configuring the sound settings

Change the sound settings such as speaker volume and sound effects.

-  Available settings may differ depending on the vehicle model and specifications.
-  Some functions may not be available depending on the infotainment system and amplifier specifications on the vehicle.

1. On the Home screen, Press **Setup > Sound**.

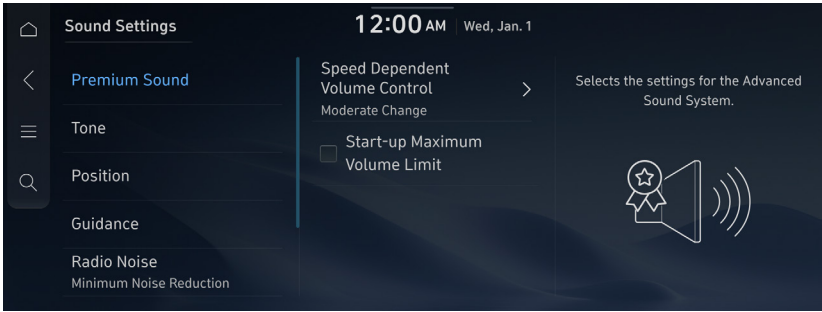
The sound settings screen appears.

2. Configure the settings as required.

-  Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.

# Premium Sound

Selects the setting for the Advanced Sound System.



## Speed dependent Volume Control

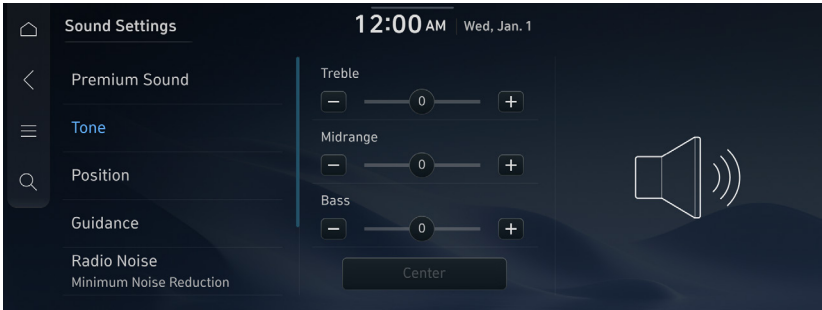
Automatically adjusts Audio volume based on vehicle speed.

## Start-up Maximum Volume Limit

Upon starting the vehicle, lowers radio and media volumes if they are higher than factory-set maximum start-up levels.

## Tone

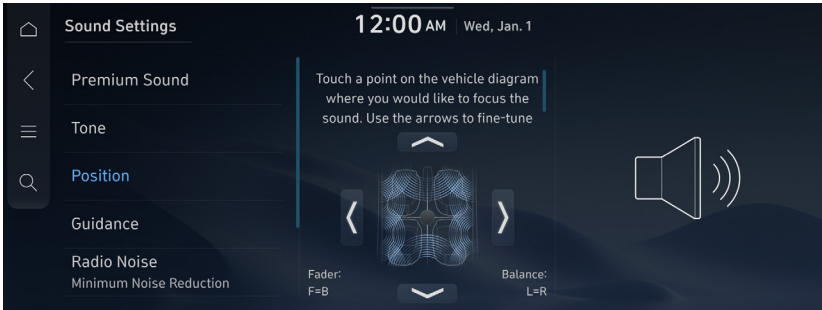
Adjust the sound by adjusting the strength (output level) for each audio band: Bass, Midrange, and Treble.



 To reset all audio settings to the default values, press **Center**.

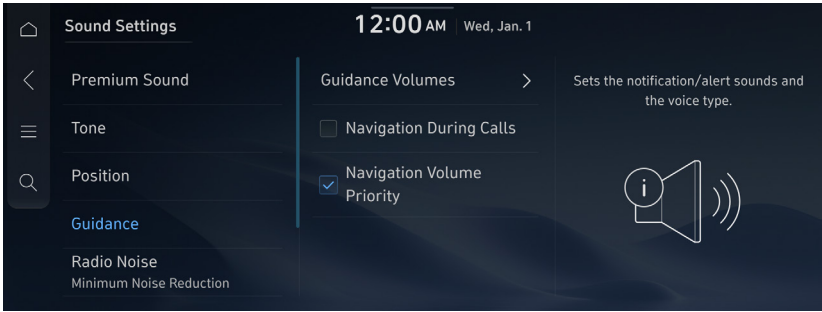
## Position

Touch a point on the vehicle diagram where you would like to focus the sound. Use the arrows to fine-tune the position.



# Guidance

Sets the notification/alert sounds and the voice type.



## Guidance Volumes

Adjust the volume for each system.

 To initialize all system sound settings, press **Reset**.

## Navigation During Calls

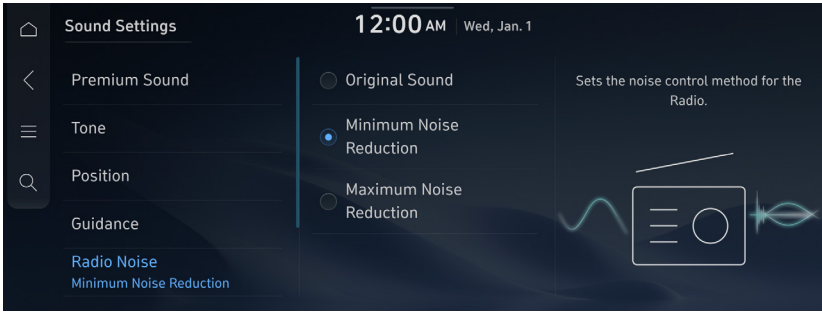
Play audio Navigation Guidance during phone calls.

## Navigation Volume Priority

Media volume will be lowered during Navigation guidance. This may not apply to media provided from Phone Projection apps.

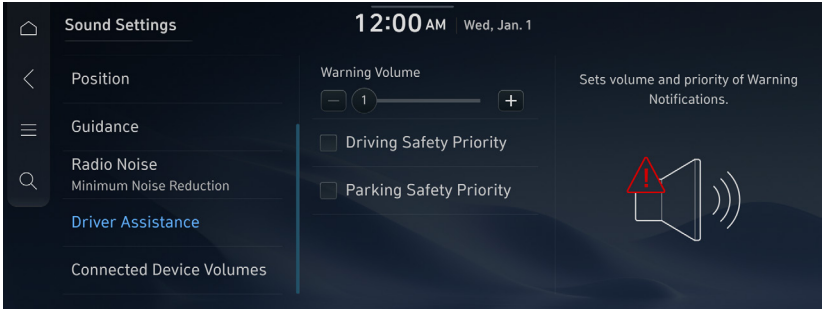
## Radio Noise

Sets the noise control method for the Radio.



## Driver Assistance

Sets the warning method(s) for the Driver Assistance systems.



### Driving Safety Priority

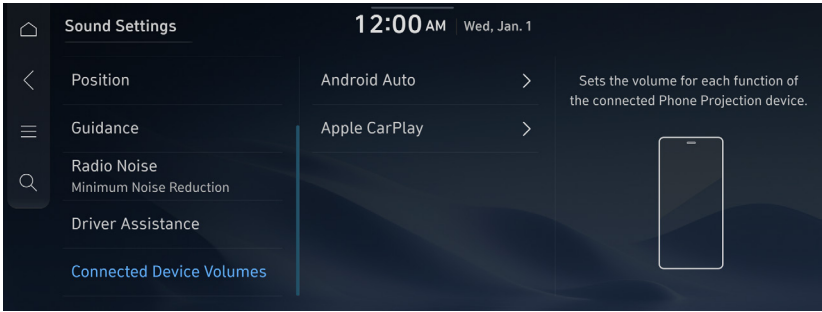
Lowers all other audio volumes when the Driving Safety system sounds a warning.

### Parking Safety Priority

Lowers all other audio volumes when the Parking Assist view is active.

# Connected Device Volumes

Sets the volume for each function of the connected device.



## Android Auto

Adjusts the volumes of the Android Auto features.

 To initialize all system sound settings for phone projection, press **Reset**.

## Apple CarPlay

Adjusts the volumes of the Apple CarPlay features.

 To initialize all system sound settings for phone projection, press **Reset**.

# Configuring the device connections settings

Manage Bluetooth devices or configure their operation settings. You can also activate the phone projection so that you can control the smartphone App from the system screen after connecting the smartphone to the system.

 Available settings may differ depending on the vehicle model and specifications.

1. On the Home screen, Press **Setup > Device Connections**.

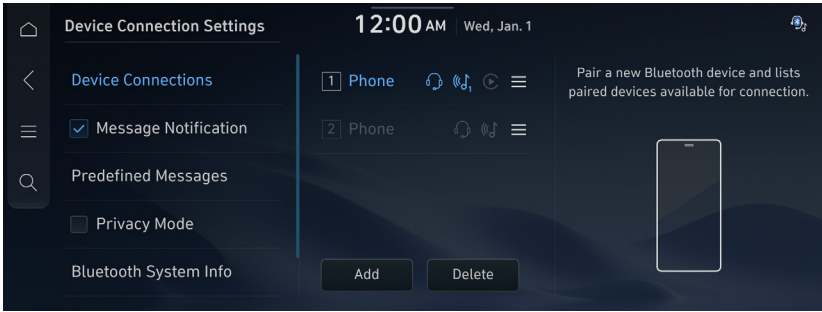
The device connection settings screen appears.

2. Configure the settings required.

 Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.

# Device Connections

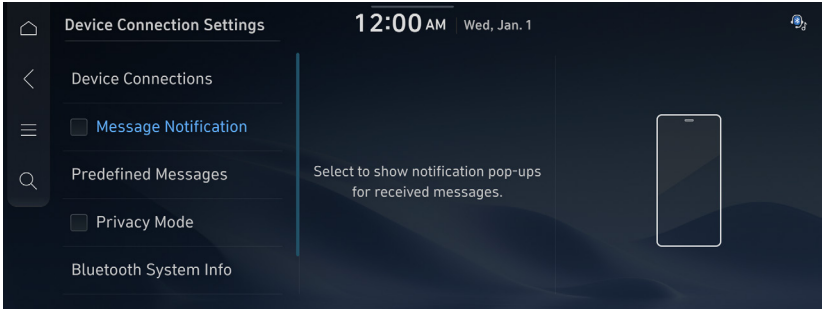
Pairs a new Bluetooth device or lists paired devices available for connection.



 You can add one Bluetooth hands-free kit or up to two Bluetooth audio devices.

# Message Notification

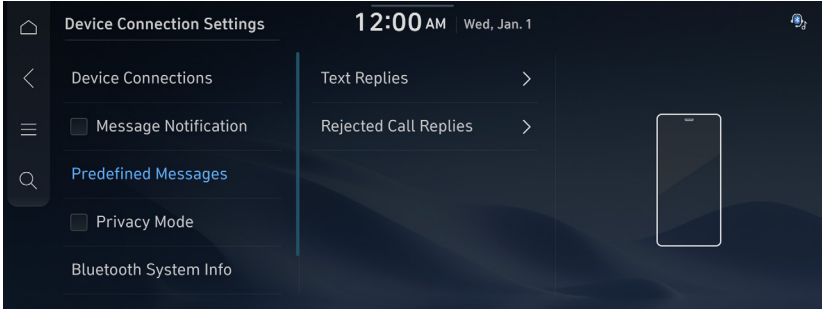
Select to show notification pop-ups for received messages.



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

# Predefined Messages

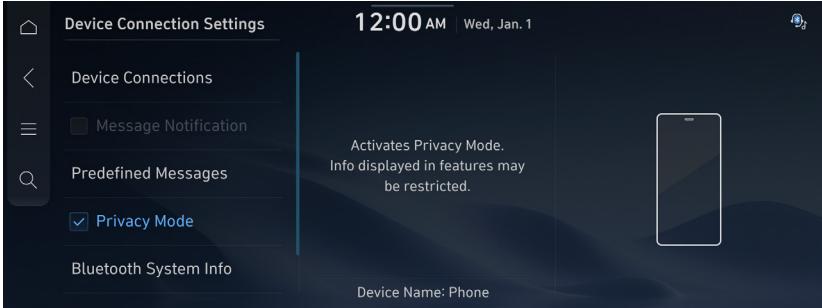
Select and edit the text messages to be sent when replying to text messages or rejecting calls.



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

# Privacy Mode

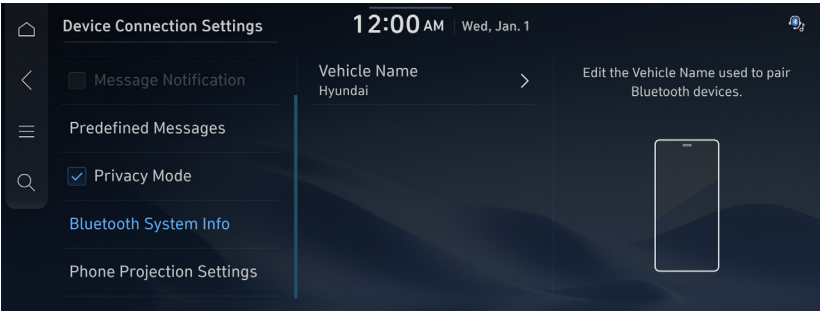
Activates Privacy Mode. Info displayed in features may be restricted.



 Incoming calls are automatically put on hold if Privacy Mode is enabled.

# Bluetooth System Info

Edit the Vehicle Name used to pair Bluetooth devices.



# Phone Projection Settings

If the Wi-Fi wireless connection does not connect, generate a new Wi-Fi passkey and try again.



# Configuring the user profile settings

You can additionally set profiles for each driver after First Run Setup.

-  Available settings may differ depending on the vehicle model and specifications.
-  For details on how to create a user profile, refer to the following: see "**Using the First Run Setup.**"

1. On the Home screen, Press **Setup > User Profile.**

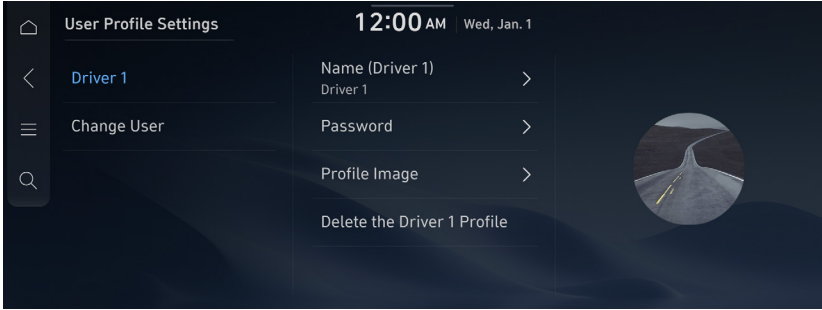
2. Press the user to change the profile.

The user profile settings screen appears.

-  Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.
-  When you are logged in as a guest, you cannot set a profile. To set a different profile, select another user.

# Profile Settings

You can specify user details and vehicle operation settings for a registered user.



## Name

You can change the profile name that will be applied on the system.

## Password

You can set the Password when selecting the profile which is the connected services account.

## Profile Image

You can select the profile image that will be applied on the system among 12 images.

## Delete the Driver 2 Profile

Delete all stored data and profile settings, and resets the system.

## Change User

Changes to a different profile. If you change to a different profile, the booting process will start and the safety warning page is displayed.

# Configuring the Screen Theme/Layout settings

Configure settings for the Screen Theme and Layout screens.

 Available settings may differ depending on the vehicle model and specifications.

1. On the Home screen, Press **Setup > Screen Theme/Layout**.

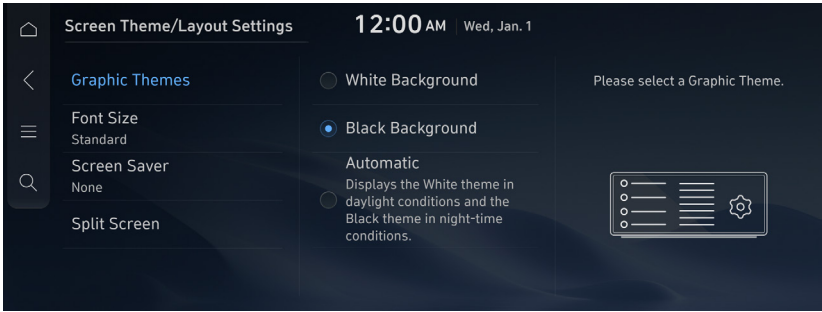
The theme and layout settings screen appears.

2. Configure the settings as required.

 Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.

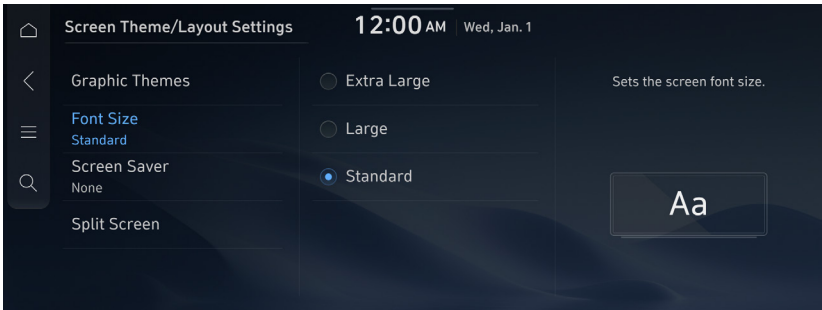
# Graphic Themes

You can set a graphic theme.



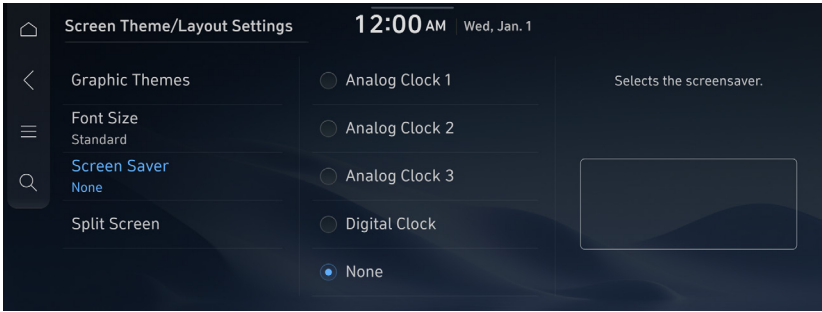
# Font Size

You can set the font size on the screen.



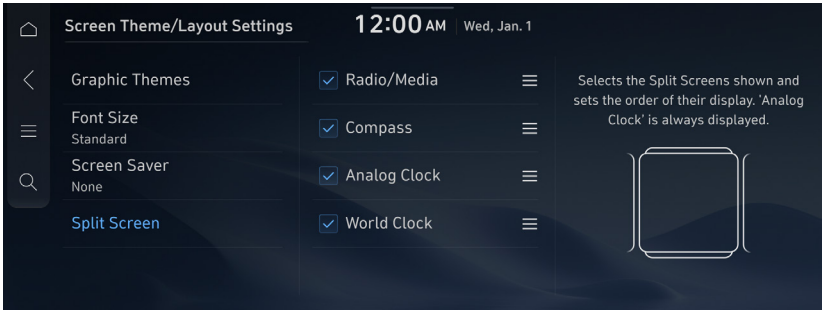
## Screen Saver

It is the function to set to display image set by user in case of system power off.



## Split Screen

This menu is used to set the item to be displayed on the split screen on the right side of the screen.



# Configuring the display settings

Change the system display settings such as display brightness and video aspect ratio.

 Available settings may differ depending on the vehicle model and specifications.

1. On the Home screen, Press **Setup > Display**.

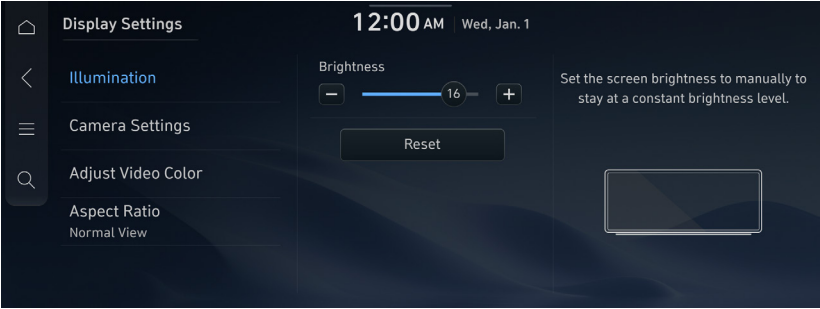
The display settings screen appears.

2. Configure the settings required.

 Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.

# Illumination

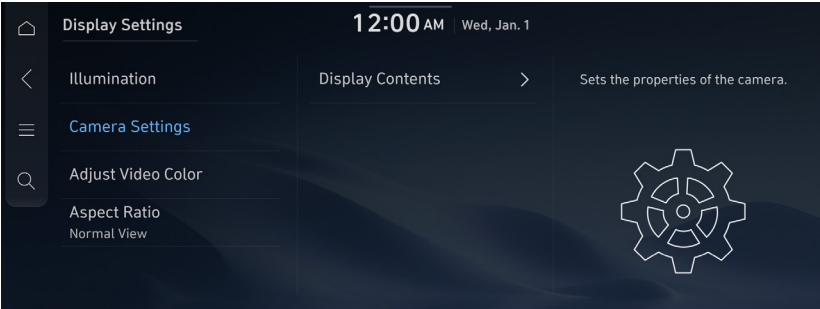
Set the screen brightness to adjust automatically, or manually set it to stay at a constant brightness level.



 To reset all screen brightness settings to the default values, press **Reset**.

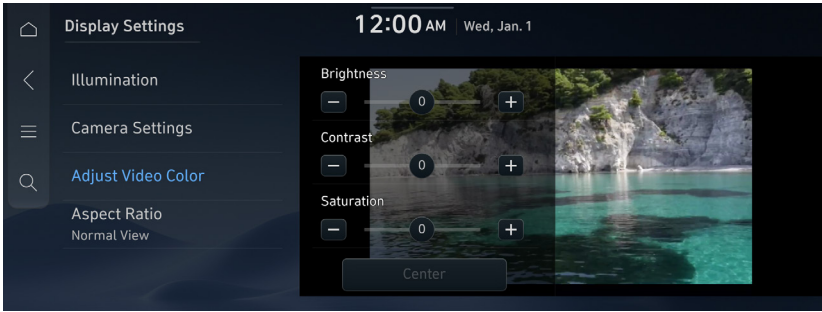
# Camera Settings

Configure the screen settings for the parking assist view and set the information to display in the view.



# Adjust Video Color

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

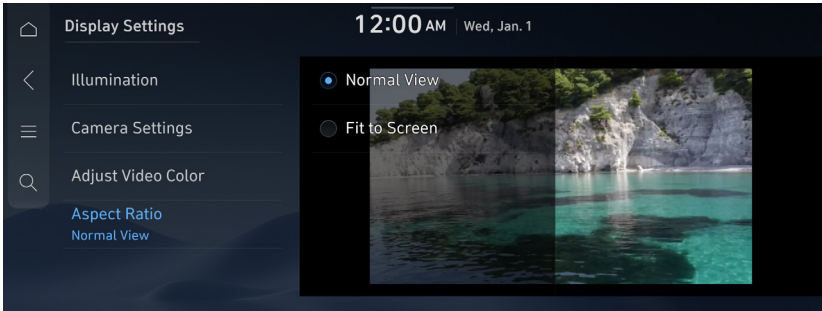


 This function is enabled only when playing video.

 To initialize all display settings, press **Center**.

# Aspect Ratio

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



## Normal View

Black strip appears at the top/bottom of the screen, and it is set to 4:3 ratio.

## Fit to Screen

It sets video to entire screen.

# Configuring the button settings

Configure features to activate when pressing buttons on the control panel or steering wheel.

 Available settings may differ depending on the vehicle model and specifications.

1. On the Home screen, Press **Setup > Button**.

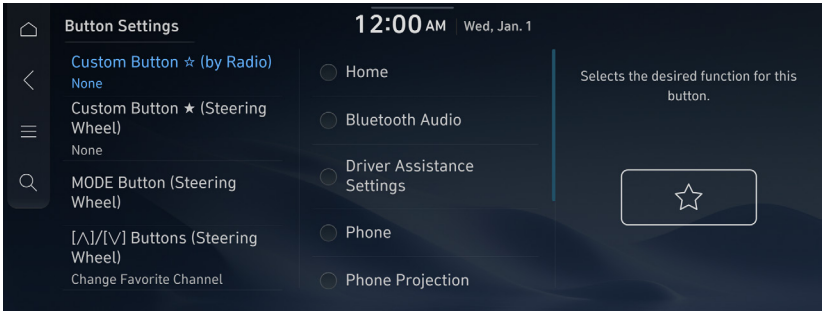
The button settings screen appears.

2. Configure the settings required.

 Press  on the screen or press the [**SEARCH**] button on the control panel, enter a search term, and then select the item to run.

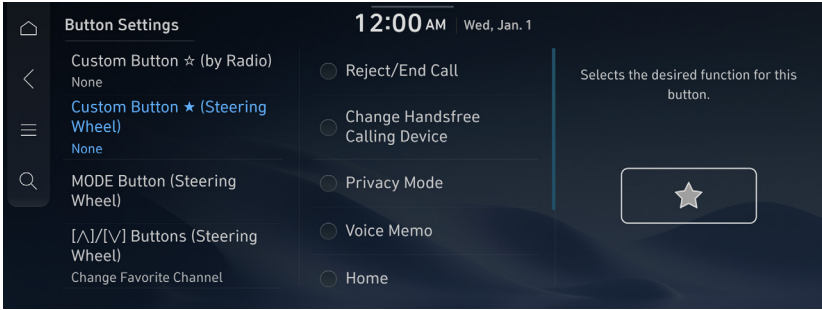
## Custom Button ★ (by Radio)

Please select a function for the Custom button.



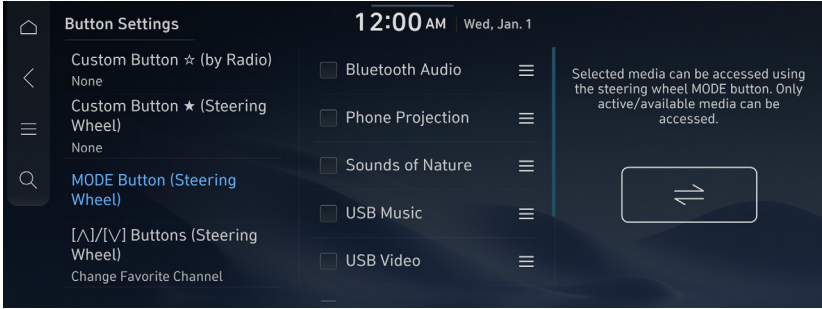
## Custom Button ★ (Steering Wheel)

Please select a function for the Custom button.



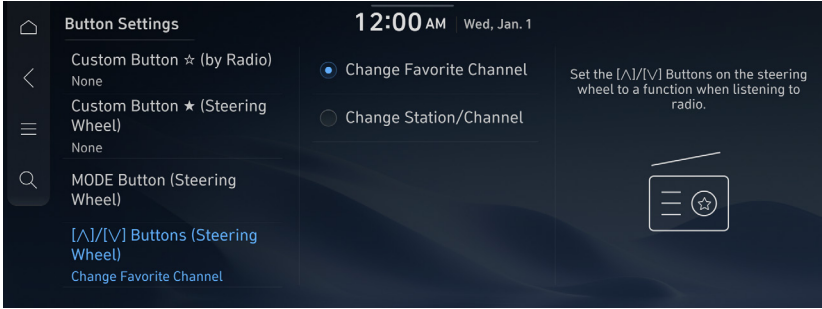
# MODE Button (Steering Wheel)

Selected media can be accessed using the steering wheel MODE button. Only active/available media can be accessed.



# [^]/[v] Buttons (Steering Wheel)

Set the [^]/[v] buttons on the steering wheel to a function when listening to radio.



# Configuring the Wi-Fi settings

This menu describes Wi-Fi settings for using the connected service.

 Available settings may differ depending on the vehicle model and specifications.

1. On the Home screen, Press **Setup > Wi-Fi**.

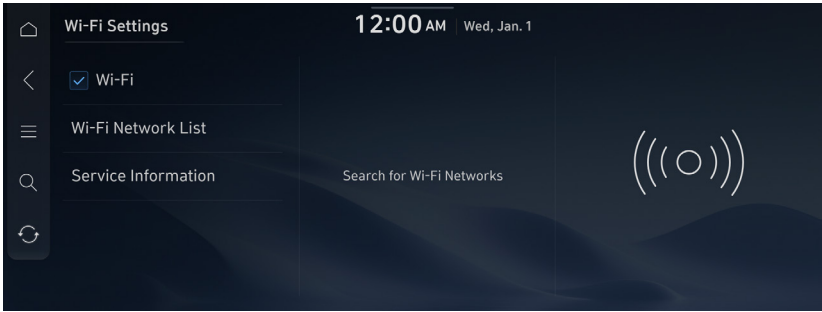
The Wi-Fi settings screen appears.

2. Configure the settings required.

 Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.

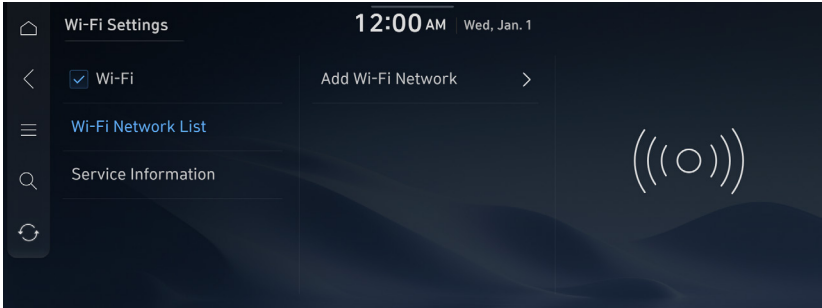
# Wi-Fi

This menu allows you to turn Wi-Fi on or off.



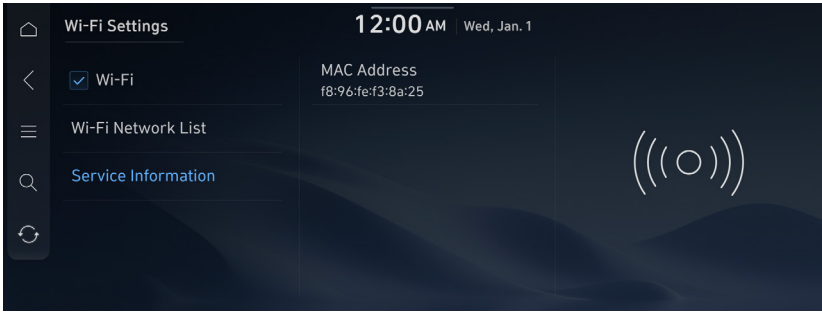
# Wi-Fi Network List

This menu shows the Wi-Fi Network list.



# Service Information

This menu shows the MAC address.



# Configuring the general system settings

Configure the date, time, language, and other settings. You can also check the system information.

 Available settings may differ depending on the vehicle model and specifications.

1. On the Home screen, Press **Setup > General**.

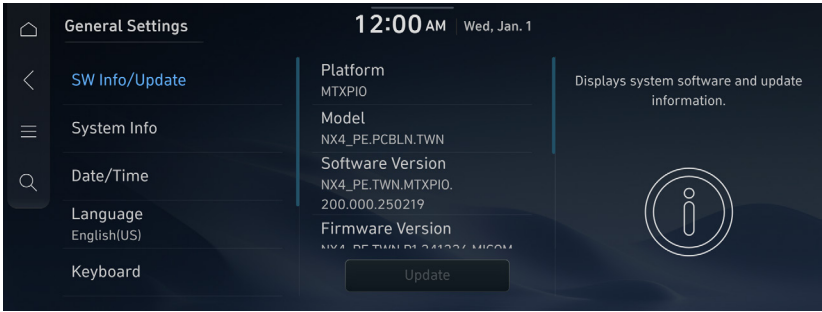
The general settings screen appears.

2. Configure the settings required.

 Press  on the screen or press the **[SEARCH]** button on the control panel, enter a search term, and then select the item to run.

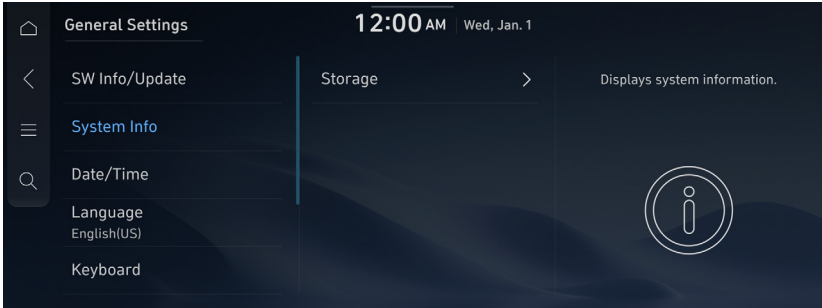
# SW Info/Update

Displays the system software and update information.



# System Info

Displays system information.

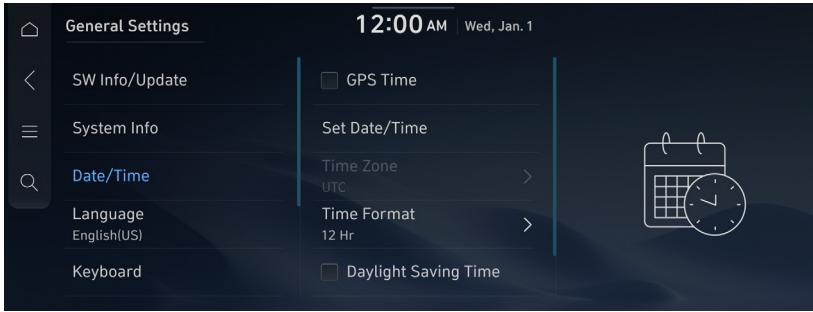


# Storage

Displays the system storage information.

## Date/Time

Sets the date and time for the system.



### GPS Time

After receiving the time from GPS, it sets the system date and time automatically.

### Set Date/Time

Manually change the date and time settings. Disable **GPS Time** and before manually changing the date and time settings.

### Time Format

Sets the time format.

### Daylight Saving Time

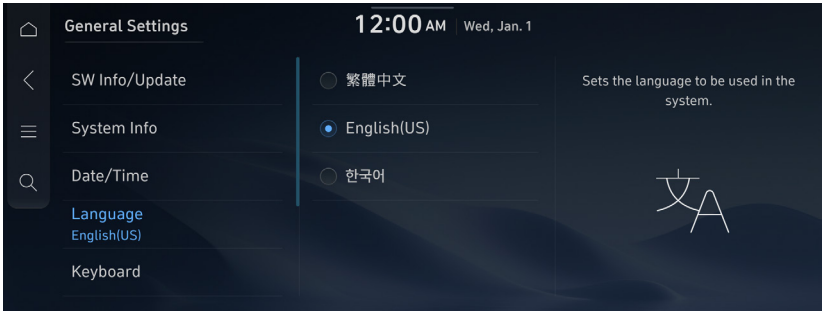
Displays the system time in the format of Daylight Saving Time.

### World Clock

Sets the world clock.

# Language

Sets the language used for the system.



-  Once the language has been changed, it takes a while to apply the new language to the system.
-  When you change the system language, it does not affect the display of other unique data such as MP3 music file name.
-  Depending on the system language, the Bluetooth phone message view and voice recognition may not be supported.

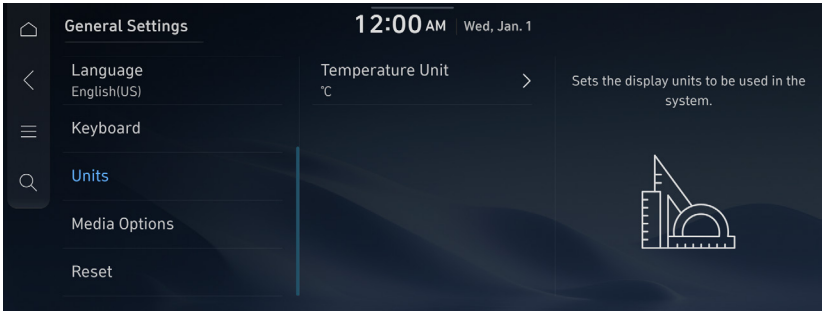
# Keyboard

Sets the keyboard for the system.



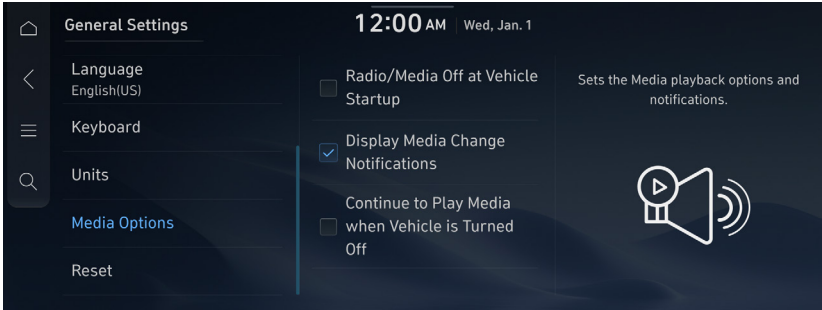
# Units

Sets the display units used for the system.



# Media Options

Sets the Media playback options.



## Radio/Media Off at Vehicle Startup

Does not play radio/media automatically at vehicle startup.

## Display Media Change Notifications

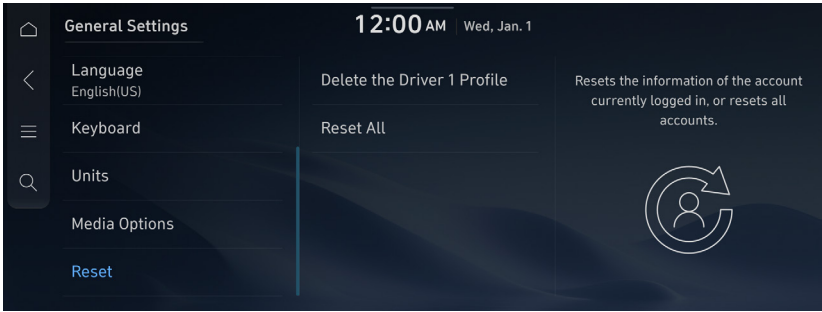
If the next media item is played when it is not on the media screen, the media information is displayed at the top of the screen.

## Continue to Play Media when Vehicle Is Turned Off

Does not play Radio/Media automatically at vehicle startup.

# Reset

Resets the information of the account currently logged in, or resets all accounts.



 You can also reset all settings for the login profile.

# Reference

# Troubleshooting guide

If the system does not work properly, try to resolve the issue by referring to the table below.  
If the issue persists even after taking the suggested action(s), contact the company's service center or service agency.

## Sound and display issues

|                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptom: A blank screen appears and sound is not audible.</b>                                                                                                                                                                                                                     |
| <ul style="list-style-type: none"> <li>Possible cause: The system is turned off.</li> <li>Solution:<br/>Confirm that the start switch is in "ACC" or "ON".<br/>Press the Power button on the control panel to turn on the system.</li> </ul>                                         |
| <ul style="list-style-type: none"> <li>Possible cause: Sound volume is too low.</li> <li>Solution:<br/>Turn the Volume button on the control panel to adjust the volume.</li> </ul>                                                                                                  |
| <ul style="list-style-type: none"> <li>Possible cause: Sound is muted.</li> <li>Solution:<br/>Press the Volume button on the steering wheel to unmute.</li> </ul>                                                                                                                    |
| <b>Symptom: Sound is audible from only one side of the speakers.</b>                                                                                                                                                                                                                 |
| <ul style="list-style-type: none"> <li>Possible cause: Sound is imbalanced.</li> <li>Solution:<br/>On the Home screen, navigate to <b>Setup &gt; Sound</b> and use the settings menu to adjust the sound balance.</li> </ul>                                                         |
| <b>Symptom: The sound is cut off or noise is heard.</b>                                                                                                                                                                                                                              |
| <ul style="list-style-type: none"> <li>Possible cause: Vibration occurs in the system.</li> <li>Solution:<br/>When the system vibrates, the sound may be cut off or noise may occur. This is not a system failure. The system is restored as soon as the vibration stops.</li> </ul> |
| <b>Symptom: The image quality is poor.</b>                                                                                                                                                                                                                                           |
| <ul style="list-style-type: none"> <li>Possible cause: Screen adjustment is required.</li> <li>Solution:<br/>On the Home screen, navigate to <b>Setup &gt; Display</b> and use the settings menu to adjust the display settings.</li> </ul>                                          |
| <ul style="list-style-type: none"> <li>Possible cause: Vibration occurs in the system.</li> <li>Solution:<br/>The images may get distorted when vibration occurs in the system. This is not a system failure. The system is restored as soon as the vibration stops.</li> </ul>      |
| <ul style="list-style-type: none"> <li>Possible cause: The display is aged or the system performance has degraded.</li> <li>Solution:<br/>If the issue persists, contact the service center of service agency.</li> </ul>                                                            |

**Symptom: Small red, blue, and green dots are shown on the screen.**

- **Solution:**  
LCD has very high-density pixels. For this reason, there may be dead pixels (that are always off) or lit pixels (that are always on) within 0.01 percent of the total pixels.

## USB playback-related issues

**Symptom: Files in a USB device cannot be played.**

- **Possible cause:** There are no compatible files for playback.
- **Solution:**  
Copy the files that can be played by the system to the USB device and connect the device again.
- **Possible cause:** The connection is poor.
- **Solution:**  
Remove the USB device from the USB port and then reconnect it properly.
- **Possible cause:** The USB device is dirty.
- **Solution:**  
Remove foreign materials from the surface that contacts the USB device and USB port.
- **Possible cause:** A USB hub or extension cable is used.
- **Solution:**  
Connect the USB device directly to the USB port on the vehicle.
- **Possible cause:** The USB device is non-standard.
- **Solution:**  
Use a USB device that is compatible with the system.
- **Possible cause:** The USB device is damaged.
- **Solution:**  
Use your computer to format the USB device and then connect the device again. Format the device in FAT16/32 format.

## Bluetooth connection-related issues

### Symptom: The system is not detected by a Bluetooth device.

- Possible cause: Registration mode needs to be run.
- Solution:  
On the Home screen, navigate to **Setup > Device Connections**, run the device registration mode and then perform search again from the device. > See "Connecting a Bluetooth device."

### Symptom: The Bluetooth device is not connected.

- Possible cause: The Bluetooth function should be activated.
- Solution:  
Activate the Bluetooth function on the Bluetooth device to connect.
- Possible cause: There is an error while using the Bluetooth function.
- Solution:  
Turn the Bluetooth function off and on again on the Bluetooth device and then connect the device again.  
Turn the Bluetooth device off and on again and then connect the device again.  
Remove the battery from the Bluetooth device and attach it back, turn on the device, and then connect the device again.  
Delete the system and Bluetooth device from the registration lists respectively, and then connect the device again.

## Phone projection-related issues

### Symptom: The phone projection function is not performed when a smartphone is connected using a USB cable.

- Possible cause: Phone projection is not supported.
- Solution:  
Visit the website to check whether your smartphone supports the phone projection.  
Android Auto: <https://support.google.com/androidauto>  
Apple CarPlay: <https://www.apple.com/ios/carplay/>
- Possible cause: The function is inactive.
- Solution:  
On the Home screen, navigate to **Setup > Device Connections** and activate the connection from the Phone Projection Settings menu.  
Make sure that the phone projection is not disabled in the App settings or and not blocked-out settings on your smartphone.
- Possible cause: Smartphone encounters poor operation or malfunction
- Solution:  
Check that the smartphone battery level is not too low. Recognition may not work properly when the battery level is too low.  
The phone projection may not work properly when the signal strength is weak.  
If the smartphone is locked, first unlock it.  
Initialize the smartphone and connect the device again.

### Symptom: A black screen appears when the phone projection is activated or in use.

- Possible cause: The smartphone malfunctions.
- Solution:  
Remove the USB cable from the smartphone and connect the device again.  
Initialize the smartphone and connect the device again.

**Symptom: Wireless phone projection connection continues to fail.**

- Possible cause: A problem with the system or smartphone
- Solution:  
On the Home screen, navigate to **Setup > Device Connections**, and use the Phone Projection menu to delete all connected devices.  
From the Android smartphone or iPhone, delete all connected device and then connect again.

## System operation-related issues

**Symptom: The previous media mode does not appear when the system is turned off and on.**

- Possible cause: It is encountered with poor media connection or playback error.
- Solution:  
When the media source is not connected or played normally, the previous mode appears. Connect the media source again or play it again.

**Symptom: The system slows down or does not operate at all.**

- Possible cause: There is an internal error in the system.
- Solution:  
Restart the system by pressing the reset button with a sharp object such as a pen or clip.  
Update the system software to the latest version.  
When the symptom persists, contact service center or service agency.

**Symptom: The system cannot be turned on.**

- Possible cause: Fuse-related issue
- Solution:  
Visit an auto service shop and replace with a new fuse of adequate capacity.  
If the issue persists, contact the service center or service agency.

## Navigation-related issues

**Symptom: Destinations cannot be searched for.**

- Possible cause: Outdated map data.
- Solution:  
Update the map to the latest version.

**Symptom: Route guidance of the navigation system does not match the actual road conditions.**

|                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Possible cause: Outdated map data.</li> <li>• Solution:<br/>Update the map to the latest version.</li> </ul>                                                                                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>• Possible cause: There have been changes in the road after a map update.</li> <li>• Solution:<br/>Even after an update, route guidance of the navigation system may not be correct if the road conditions and/or traffic signs have been get changed. Be sure to drive according to actual road conditions and traffic regulations.</li> </ul> |
| <b>Symptom: Guidance is made by bypassing the route or the speed camera alerts are not followed.</b>                                                                                                                                                                                                                                                                                   |
| <ul style="list-style-type: none"> <li>• Possible cause: The update for the system and map data is required.</li> <li>• Solution:<br/>Update the system and map to the latest version.</li> </ul>                                                                                                                                                                                      |
| <b>Symptom: Real-time traffic in formation is not received.</b>                                                                                                                                                                                                                                                                                                                        |
| <ul style="list-style-type: none"> <li>• Possible cause: Poor signal reception.</li> <li>• Solution:<br/>Reception quality of traffic information can be bad in mountain and island areas. Check the reception status again in a region with strong signals.<br/>If the issue persists, contact the service center or service agency.</li> </ul>                                       |

# System status indicator icons

Check the system status by viewing the status indicator icons at the top right of the system screen.

Different status indicator icon appear when each function is performed. The meanings of the icons are as follows:

 The screen may differ depending on the vehicle model and specifications.

## Mute/memo recording

| Icon                                                                              | Description            |
|-----------------------------------------------------------------------------------|------------------------|
|  | Media sound muted      |
|  | Recording a voice memo |

## Bluetooth/call

| Icon                                                                                | Description                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|    | Connecting a phone via Bluetooth                                                    |
|   | Connecting an audio device via Bluetooth                                            |
|  | Connecting a phone and an audio device via Bluetooth                                |
|  | Making a call via a Bluetooth phone                                                 |
|  | Bluetooth phone's microphone off                                                    |
|  | Downloading the contact and list of recent calls from the connected Bluetooth phone |

## System update

| Icon | Description |
|------|-------------|
|------|-------------|

|                                                                                   |                             |
|-----------------------------------------------------------------------------------|-----------------------------|
|  | Downloading the update file |
|  | Updating in the background  |

## Wireless charging (if equipped)

| Icon                                                                              | Description                   |
|-----------------------------------------------------------------------------------|-------------------------------|
|  | Wireless charging in progress |
|  | Wireless charging complete    |
|  | Wireless charging failure     |

 Some icons may not appear depending on the vehicle model and specifications.

# FAQ

## Navigation

### How can I update the map?

You can download the latest map data to a USB device and use the device to update the map.

### Guidance is made by bypassing the route or the speed camera alerts are late.

Select another route after setting the route options.

If the system has not been updated, update the software and map and then perform search again.

## Bluetooth

### Which functions can I use via Bluetooth?

You can use the hands-free call function with a mobile phone connected. You can also play music after connecting an audio device such as an MP3 player or mobile phone. > See "Using a Phone via Bluetooth", "Playing music via Bluetooth."

### How can I register a Bluetooth device?

On the Home screen, press **Setup > Device Connections > Device Connections > Add**. From the Bluetooth device to be connected, search for the vehicle system and register it. Use the Bluetooth device to enter or approve the authentication code displayed on the system. The device is added to the list of Bluetooth devices in the system and automatically connected to the system. > See "Connecting a Bluetooth device."

### I bought a new mobile phone to replace my old phone and want to connect it to the system. How can I register the new phone to the system?

An additional device can be registered the same way as when you register a new device. You can register up to 6 devices in the list of Bluetooth devices. To delete a previously registered device, press **Delete** from the list of Bluetooth devices, select the device to delete, and then press **Delete**. > See "Deleting a registered device."

### How can I access the list of contacts while using a Bluetooth phone?

Grant access to the contacts when connecting your mobile phone to the system via Bluetooth. The list of contacts on the phone is downloaded to the system. To see the downloaded list of contacts, press the Call button on the steering wheel and press  at the bottom tab of the Phone screen. You can search for a contact and make a call to the contact, or add the contact to the favorites. > See "Dialing from the contacts."

## Broadcast reception

### **I turned on the radio while driving but I only heard static.**

Depending on the location, obstacles may cause reception to deteriorate. Radio reception rate may also drop when an on-glass antenna is mounted on the rear window and the window is tinted with metallic window film.

## Self-inspection method upon failure

### **The system does not operate properly. What shall I do?**

Inspect the system by referring to the troubleshooting guide. > See "Troubleshooting guide."

If the system failure persists after inspection, press and hold the Reset button to reset the system.

If the issue persists, contact the service center or service agency.

# Product specifications

## Media player

### USB Music files

| Item                            | Specifications                                                                                                                                                                                                                                                                                  |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| File format                     | MP3(MPEG Layer III Audio), WMA, WAV, OGG, FLAC                                                                                                                                                                                                                                                  |
| Bit-rate and sampling frequency | MP3 8~320 kbps (CBR/VBR), ~48kHz(ID3Tag UPTO Ver. 2.4)                                                                                                                                                                                                                                          |
|                                 | WMA Standard, Professional, Professional Plus (LBR v1, v2 and v3), lossless 16/24 bit, 8~128 kbps                                                                                                                                                                                               |
|                                 | WAV 8/16 bit, ~44.1 kHz                                                                                                                                                                                                                                                                         |
|                                 | OGG ~167 kbps, ~48 kHz                                                                                                                                                                                                                                                                          |
|                                 | FLAC ~1094 kbps, ~192 kHz                                                                                                                                                                                                                                                                       |
| Specification details           | Max. number of directory layers: 20 layers<br>Max. folder/file name length: 255 Bytes<br>Valid characters that can be used in a folder/file name: 2,350 Alphanumeric characters / 4,888 Chinese characters<br>Max. number of folders: 2,000 (including the root)<br>Max. number of files: 8,000 |

### USB Video files

| Item            | Specifications                                                                       |
|-----------------|--------------------------------------------------------------------------------------|
| File format     | AVI, ASF, MPEG-1/2, MPEG-4, Matroska                                                 |
| File extension  | mpg, mpeg, asf, wmv, avi, mkv                                                        |
| Video codec     | MPEG-1/2, MsMPEG, MPEG-4 (A)SP, WMV, VP8/9, H.263, H.264/AVC, H.265/HEVC             |
| Audio codec     | MPEG-1 Audio Layer I/II/III, MPEG-2 Audio Layer II/III, AAC, HE-AAC, PCM, Opus, FLAC |
| Max. resolution | 1920 x 1080 (Depends on the codec)                                                   |
| Subtitle        | SMI, SRT                                                                             |

 The following files are not played.

- Modified files (format-changed files)

- Variant file (e.g. MP3 files encoded by WMA audio codec)
- DRM (Digital Rights Management)-protected files
- Files with no index

 Sound quality is not guaranteed in case of music files that use the bit-rate exceeding 192 kbps.

 With files that do not use a fixed bit rate, some functions may not work properly or the playback time may not appear accurately.

 If an issue occurs while playing or you want to play an incompatible format file, use the latest encoder software to change the format before using the file.

## USB storage devices

| Item          | Specifications                      |
|---------------|-------------------------------------|
| Byte/Sector   | 64 Kbyte or less                    |
| Format system | FAT16/32 (recommended), exFAT, NTFS |

 With USB storage devices that are not equipped with a plug-type connector (metal cover type), proper operation is not guaranteed.

- USB storage devices with a plastic plug may not be recognized.
- USB memory cards (e.g. CF cards, SD cards) may not be recognized.

 USB hard drives may not be recognized.

 When using a USB mass storage device divided into logical drives, only the files saved in the first drive can be played.

 When a USB storage device has some Apps, media files may have problems playing.

## Common specifications

| Item                         | Specifications                                                      |
|------------------------------|---------------------------------------------------------------------|
| Power supply                 | DC 12 V                                                             |
| Operating voltage            | DC 9-16 V                                                           |
| Dark current                 | Within 1 mA                                                         |
| Operating temperature range  | -20 °C to +65 °C                                                    |
| Storage temperature range    | -30 °C to +75 °C                                                    |
| Electric current consumption | External amplifier: 2.5 A (typ.)<br>Built-in amplifier: 15 A (max.) |

# Refined Radio

| Item               | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available stations | <ul style="list-style-type: none"> <li>FM                             <ul style="list-style-type: none"> <li>CIS, ISA, MES, RSA: 87.5~108.0 (Step: 50 kHz)</li> <li>VNM, SEA, HKG, TWN, IDN, GEN: 87.5~108.0 (Step: 100 kHz)</li> <li>MEX, CSA: 87.5~108.0 (Step: 200kHz)</li> <li>BRA: 76.1~107.9 (Step: 100kHz)</li> </ul> </li> <li>AM                             <ul style="list-style-type: none"> <li>CIS, ISA, MES, RSA: 522~1620(Step: 9kHz)</li> <li>VNM, SEA, HKG, TWN, IDN, GEN: 531~1602(Step: 9kHz)</li> <li>MEX, CSA: 530~1710(Step: 10kHz)</li> <li>BRA: 530~1710(Step: 9kHz)</li> </ul> </li> </ul> |
| Sensitivity        | FM: Within 10 dBuV<br>AM: Within 35 dBuV EMF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Distortion factor  | Within 2 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

# Bluetooth

| Item                        | Specifications                                                                 |
|-----------------------------|--------------------------------------------------------------------------------|
| Frequency range             | 2.4GHz ISM Band (2.402 ~ 2.480 GHz Utilized)                                   |
| Supported Bluetooth version | 5.0                                                                            |
| Supported profiles          | HFP(1.7.2), A2DP(1.4), AVRCP(1.6.2), PBAP(1.2.3), MAP(1.4.2)                   |
| Bluetooth Power Class 2     | -6 to 4 dBm                                                                    |
| Number of channels          | <ul style="list-style-type: none"> <li>Bluetooth Classic 79channels</li> </ul> |

# Wi-Fi

| Item  | Specifications                                                                                                  |
|-------|-----------------------------------------------------------------------------------------------------------------|
| Wi-Fi | 2.4GHz<br>802.11b,g,n20 (2412-2462MHz)<br>5GHz<br>802.11a, n20, n40, ac20, ac40, ac80(5180-5240 / 5745-5825MHz) |

# Trademarks

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## FCC

### 15.19

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.

### 15.105

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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### 15.21

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

#### RF exposure

This device should be installed and operated with minimum 20 cm between the radiator and your body.

