Car Infotainment System User's Manual

▌ This guide covers specifications for all vehicle models, including optional specifications, and is based on the latest version of system software.

▌ The design and specification of the system may change without prior notice for performance improvement.

▌ In order to improve the product performance, the functions and services in this manual are subject to change without notice. In case of software update, the screens in this manual may differ from actual ones on the product.

▌ Your system is not compatible with the system software for regions outside of the country of purchase.

Available materials for operation

Quick Reference Guide

Provided in the format of a booklet. It provides brief information of the system, including basic controls and main functions.

User's Manual on Web

To view related information while using the system, press **Online Manual** from the menus on the screen. You can access the online user's manual of the system by scanning the QR code with your smartphone.

Symbols in this User's Manual

⚠ Warning

Indicates very important information directly related to user safety. Failure to follow instructions may cause serious injury.

⚠ Caution

Indicates important information directly related to user safety. Failure to follow instructions may cause minor injury or vehicle damage or breakdown.

✎ Note

Indicates helpful information for operation of the product.

If equipped

Indicates descriptions for optional features, which may not be available on your specific vehicle depending on the model or trim level.

This guide covers specifications for all vehicle models, including optional specifications. It may include descriptions for features that are not equipped in your vehicle or are unavailable for your vehicle model.

HEV only

Displays only the functions that can be used in a hybrid vehicle.

Safety **Warnings**

Be sure to keep the following instructions. Otherwise, it may cause serious injury or accident.

⚠ Driving

While driving, refrain from watching the screen.
- An accident may occur by negligence in keeping your eyes forward.
- To manipulate the screen or buttons requiring multiple steps, be sure to stop your vehicle.

To use your mobile phone, first stop your vehicle.
- When you use your mobile phone while driving, it may disperse your attention, resulting in an accident.
- When making a call while driving, use the Bluetooth Hands-free function and if possible, minimise the call time.

Make sure that the volume of the phone is sufficiently low so that the external sound is audible.
- When you drive with no external sound present may cause a traffic accident.
- When you drive for a long time with a loud audio volume, it may affect your hearing.

⚠ System handling

Do NOT arbitrarily disassemble or modify the system.
- It may cause an accident, fire, or electric shock.

Exercise caution to make sure that no liquid or foreign materials enter the system.
- It may cause smoke generation, fire ignition, or system failure.

When the screen is not displayed, the volume is muted, or other system failures occur, immediately stop using the system.
- Otherwise, it may cause fire, electric shock, or fatal system failure.

✎ When a problem is found, contact the customer service center or service agency of the company.

Safety **Precautions**

Be sure to keep the following instructions. Otherwise, it may cause minor injury or system damage.

⚠ Operation

Use the system with the vehicle started.

- When you use the system for a long time with the vehicle stopped, it may cause battery discharge.

Do NOT arbitrarily install an unauthorized aftermarket product in your vehicle.

- It may cause system errors.
- System errors caused by installing unapproved products are not covered under the warranty.

⚠ System handling

Do NOT apply excessive force to the system.

- When you apply excessive pressure to the screen, the LCD panel or touch panel may get damaged.

To clean the screen or button panel, first turn off the vehicle and then use a dry, soft cloth to wipe it.

- Do not wipe using a rough or hard cloth, chemical fiber, organic solvent (e.g. alcohol, benzene, thinner), or air freshener. The panel surface may become scratched or damaged due to a chemical reaction.

When you install an air freshener on the air conditioner vent, the surface may be deformed due to leakage.

✎ When a problem is found, contact the customer service center or service agency of the company.

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1   System overview

Component names and functions

Control panel

✎ The shape may differ depending on the vehicle model and specifications. For more information, see "Quick Reference Guide" that is separately provided.

POWER button (⏻)/ VOLUME knob (VOL)	• Turn on or off the Radio/Media. • Press and hold the button to turn off the screen and sound. • Turn the knob to adjust the system volume.
HOME button	• Displays the Home screen.
SEARCH button	• Displays the Search screen.
MEDIA button	• Runs the connected media. • Press and hold the button to display the Radio/Media selection window.
SEEK/ TRACK button	• While listening to the radio, change the station. • While watching a DMB broadcast, change the channel. • While playing media, change the track/file. Press and hold to rewind or fast forward (except for the Bluetooth audio mode).

| **Custom button** (☆)	• Runs the user-defined function.
	• Press and hold the button to display the function settings screen.
SETUP button	• Displays the Settings screen.
	• Press and hold the button to display the version information screen.
Search knob (TUNE)	• While listening to the radio, adjust the frequency or change the broadcasting channel.
	• While playing media, scan music or files.
	• During scanning, select the current channel, music or file.
System Reset button	• Restarts the system.

Steering wheel remote control

✎ The shape may differ depending on the vehicle model and specifications. For more information, see "Quick Reference Guide" that is separately provided.

MODE button	• Press the button repeatedly to change the system mode (radio, media, etc.). • Press and hold the button to display the function settings screen.
Voice Recognition button (�«◁)	• Press and hold to start or end voice recognition of a connected smartphone via phone projection. (The button's operation may vary depending on smartphone specifications.)
Move lever (∧/∨)	• While listening to the radio, switch between the stations on the preset list. Press and hold to search for a station. • While watching a DMB broadcast, change the channel. • While playing media, change the track/file. Press and hold to rewind or fast forward (except for the Bluetooth audio mode).
Volume lever (+/-)	• Adjust the volume.
Custom button (★)	• Runs the user-defined function. • Press and hold the button to display the function settings screen.
Call button (⌢)	• Before connection of Bluetooth: Press to display the Bluetooth connection window. • After connection of Bluetooth: Press to display the recent calls list. To redial the last call number, press and hold the button. When a call comes in, press to answer the call. • During a Bluetooth call: Press to end the call. • When a call comes in: Press to answer the call. To reject the call, press and hold the button.

Rear seat remote control

✎ The shape may differ depending on the vehicle model and specifications. For more information, see "Quick Reference Guide" that is separately provided.

MUTE button	• Enable/disable mute
MODE button	• Press the button repeatedly to change the system mode (radio, media, etc.).
POWER button/ VOLUME knob	• Turn on or off the Radio/Media. • Press and hold the button to turn off the screen and sound. • Turn the knob to adjust the system volume.
SEEK/TRACK button	• While listening to the radio, change the station. • While watching a DMB broadcast, change the channel. • While playing media, change the track/file. Press and hold to rewind or fast forward (except for the Bluetooth audio mode).

Using the touch screen

This system is equipped with a touch-enabled screen. You can use various practices by using this feature.

"Press" gesture

Lightly press the desired item and release the finger.

The corresponding function is run or the corresponding menu is selected.
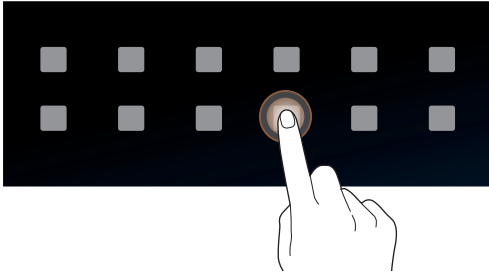
"Press and hold" gesture

Press and hold the desired item.

It is used to fast forward or rewind during playback.
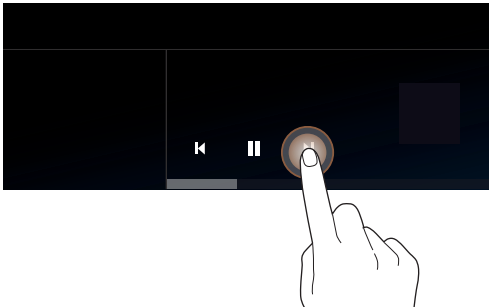
"Slide" gesture

On the media playback screen, press the slide bar to change the playback position.

You can change the playback position during playback.
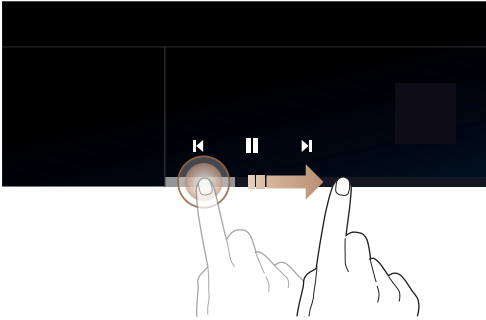
"Drag" gesture

Press and hold the desired item and drag it to another position.

The selected item moves to the new position.
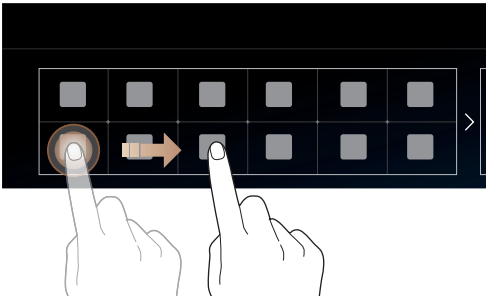
"Swipe" gesture

Lightly swipe the screen in the desired direction.

It is used to move fast vertically or horizontally across the menu screen or options list.
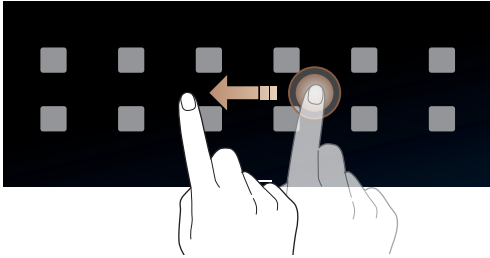
Using the Home screen

Home screen

The Home screen is the basic screen provided by the system. Press and gently swipe the Home screen to the left as shown below.

✎ To return to the Home screen from other screens, press ⌂.
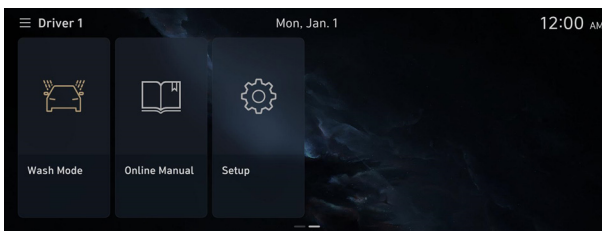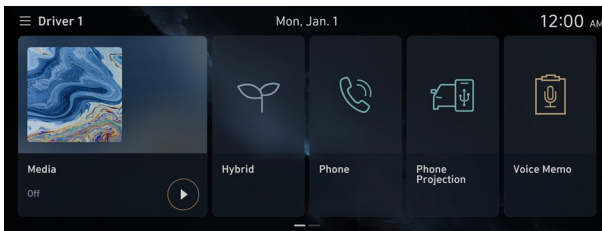
⚠️ **Caution**

- Do not press the touch screen with excessive force or a sharp object. The touch screen may become damaged.

- Do not let any electrically conductive material contact the touch screen, and do not place any objects that generate electromagnetic waves, such as wireless chargers or electronic devices, near the touch screen. The system may work incorrectly due to electromagnetic effects, which may cause the touch screen to malfunction.

🖉 The touch screen does not respond when you are wearing gloves. Take off the gloves or wear electrostatic touch gloves.

Editing the menus on the Home screen

You can change the locations for icons.

To change the location of an icon, press and hold, and drag the icon to the desired position.
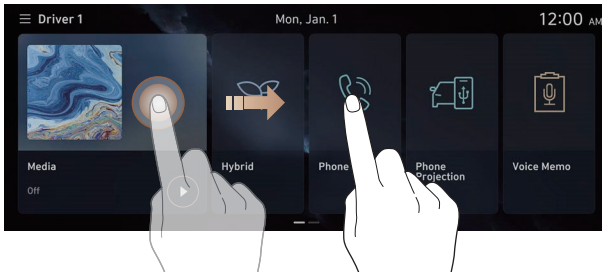
Accessing the Home screen

Press and gently swipe the Home screen to the left as shown below.

Displays the Home screen. You can see the list of all functions of the system.
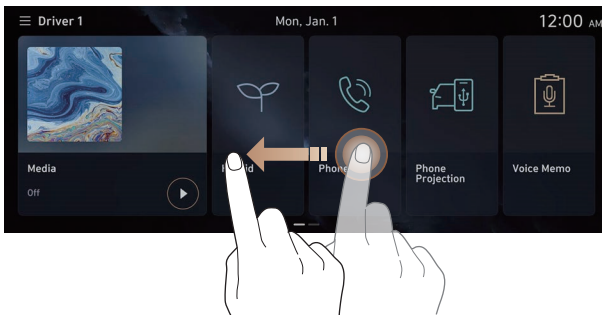
Using the widget **(if equipped)**

You can set to display various information such as Radio/Media info, and clock on the widget screen.

Opening the widget

Swipe in from the right edge of the screen.

Editing the widget

You can change information on the widget.

Press and hold, and then drag the widget up or down to select the desired information item.
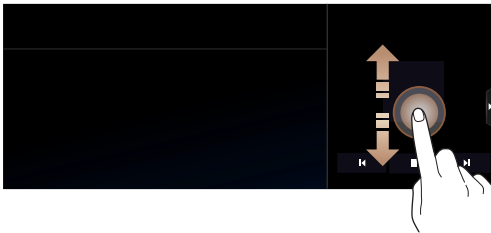
Closing the widget

With the widget open, swipe the widget to the right.

Viewing User's Manual on Web

View information on the currently running function by scanning the QR code provided for that function.

1 On the Home screen, press **Online Manual**.

2 Use your smartphone to scan the QR code displayed on the screen.

The system user's manual on the Internet appears in the Internet browser app of the smartphone.

To view related information while using the system ☰ ▶ **Online Manual** and then scan the displayed QR code.

2   System Overview

User Profile

You can configure the system settings for each driver when multiple people are using the vehicle.

Using the First Run Setup

You can configure the system settings for each driver when multiple people are using the vehicle. You can register up to 2 users.

1   Select the driver image, and then press **Log in**.
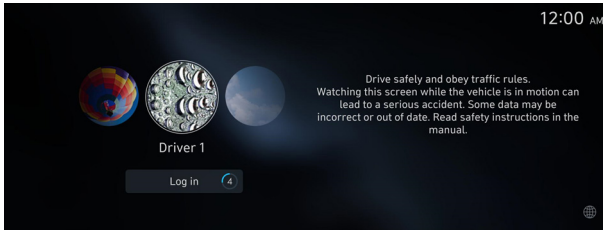
   🖉 When you log in as guest, you cannot configure the profile settings. To set a different profile, select another user.

2   Set the language to display on the screen and then press **Next**.
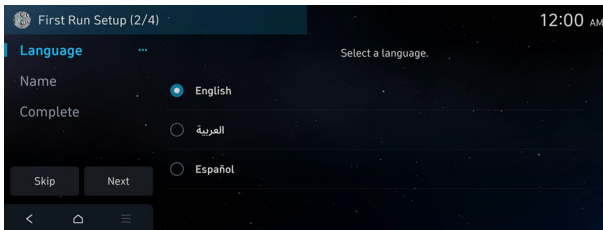
3   To set the driver's name, press **Rename**.

The name change screen appears.

✎ To proceed with First Run Setup without changing the driver's name, press **Next**.
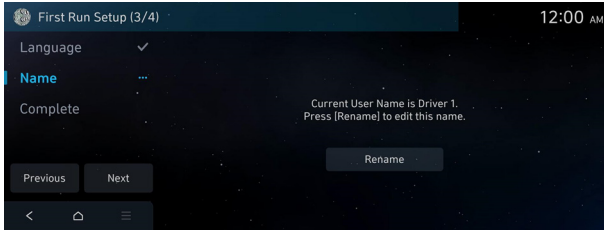
4   When the First Run Setup screen appears, press **OK**.

Displays the Home screen.
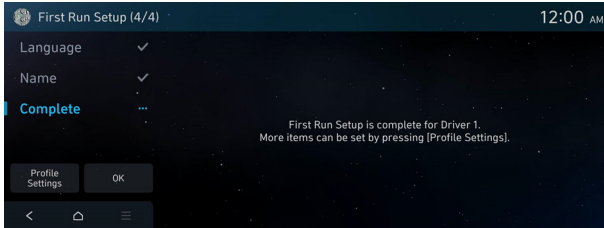
✎ To set the detailed user information and operation environment, press **Profile Settings**. ▶ See "Configuring the user profile setting."

Connecting a Bluetooth device

Bluetooth is a short-range wireless networking technology. The Bluetooth communication function allows you to exchange data by connecting a Bluetooth device to another neighboring Bluetooth device without a cable connection. With this function, you can use different types of devices more efficiently.

To make a phone call or play audio from a Bluetooth device, check the following first:

- For a device that is not registered to the system, ▶ see "Registering a device."
- A registered device will automatically connect to the system when you bring it near the system. If it does not automatically connect, ▶ see "Connecting a registered device", "Disconnecting a registered device."

⚠ **Warning**

Park the vehicle at a safe place before connecting a Bluetooth device to the system. It may take the driver attention off the road and cause a traffic accident which can result in damages, injuries, and/or death.

✎ The Bluetooth connection function supports only the hands-free and audio related functions. Connect your mobile phone, MP3 player, or device that supports the hands-free or audio function.

✎ For more information on Bluetooth-enabled devices and their functional compatibility, visit the company's website (http://www.hyundaibluetooth.com).

Registering a device

To connect a Bluetooth device to the system, first add the device to the list of Bluetooth devices on the system.

1 On the Home screen, press **Setup ▶ Device Connections ▶ Device Connections ▶ Add New**.

   ✎ To register a device for the first time, press the Call button on the steering wheel or press **Phone** on the Home screen.

   ✎ Turn on Bluetooth on the Bluetooth device to connect and select the vehicle system on the list of searched devices.

   ✎ The system's Bluetooth name can be seen on the Add New Device window.
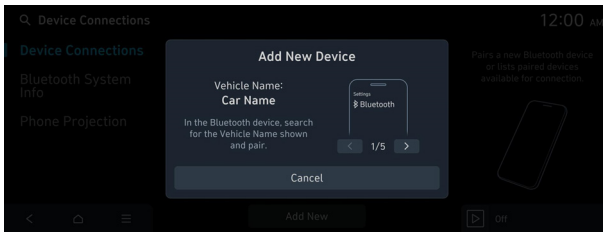
2 Check that the authentication code on the Bluetooth device screen matches the one on the system screen and approve the connection on the device.

3 When your smartphone is using Bluetooth communication, to download contacts from the phone to the system or use the text message notification, allow access to your phone.

   ✎ Access is only required to use Bluetooth calling. There will be no access request when you connect an audio device.

✎ After the access request is approved, it may take a while until the Bluetooth connection is completed. As soon as the Bluetooth connection is completed, the Bluetooth connection indicator icon appears at the top of the screen.

✎ Access to data can be enabled or disabled by using the Bluetooth Settings menu on the mobile phone. For more details, refer to the mobile phone's user manual.

✎ A registered device will automatically connect to the system when you bring it near the system. In order not to use the automatic Bluetooth connection, turn off the Bluetooth function on the device.

✎ You can add Bluetooth devices up to 6.

Connecting a registered device

1 On the Home screen, press **Setup ▶ Device Connections ▶ Device Connections**.

2 Press the icons to connect.
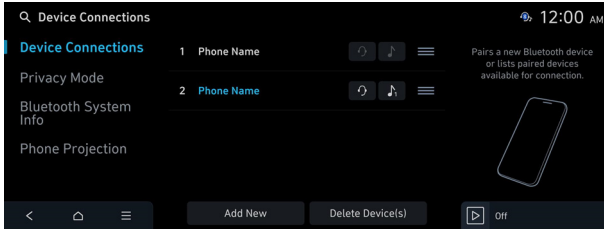
🖉 You can add one Bluetooth hands-free kit or up to two Bluetooth audio devices.

🖉 If you cannot connect your device, check to make sure its Bluetooth option is enabled.

🖉 When the connection is terminated abnormally due to being out of range or device failures, the connection is automatically restored as soon as the device returns to the connection range or normal state.

Bluetooth connection screen
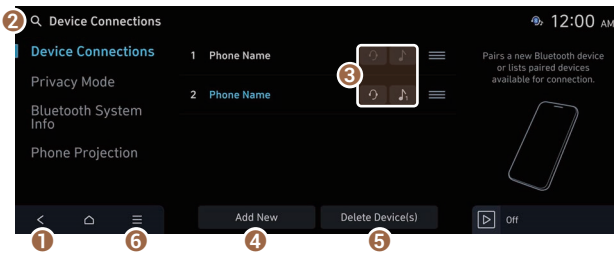
❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Select hands-free or Bluetooth audio to connect or disconnect Bluetooth devices.

❹ Add a new device to the system.

❺ Delete a registered device from the system.

❻ The list of menu items appears.
   • **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

Disconnecting a registered device

1 On the Home screen, press **Setup ▶ Device Connections ▶ Device Connections**.

2 Press the connected icons.

Deleting a registered device

If you will no longer use a Bluetooth device or you want to add a new device when 6 devices are already registered, delete an existing registered device.

1 On the Home screen, press **Setup ▶ Device Connections ▶ Device Connections ▶ Delete Device(s)**.

2 Select a device to delete and press **Delete**.

To delete all registered devices, press **Mark All ▶ Delete**.

3 Press **Yes**.

✎ When you delete a registered device, all related contacts, call logs, and text messages are removed from the system.

3 Media

Turning on the FM radio

The Radio/Media selection screen, press **FM**.

✎ When multiple media are connected, press the [**MEDIA**] button once more and then press the desired media source from the Radio/Media selection window.

FM Radio channel list

Can change the radio mode.

❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Can change the radio mode.

❹ Perform any of the following methods.

❺ Moves to the FM Radio screen.

6 The list of menu items appears.

- **Scan FM**: Select a broadcast of your choice after listening briefly to broadcasts from different radio stations.
- **Sort by**: Can edit the list of channels.
- **Tune FM Manually**: Tune the radio frequency manually.
- **Radio Noise**: You can customize sound quality when listening to radio by adjusting background noise of the original sound.
- **Sound Settings**: Displays the system sound settings screen.
- **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

🖉 The sound effect settings button may appear on the screen depending on the amp specifications.

🖉 The broadcast station names and local information are displayed using GPS data. Those information may not appear when there is no GPS data received.

🖉 The displayed broadcast station names may not match the actual ones.

FM Radio screen

1 Moves to the FM Radio channel list screen.

2 Add the currently frequency on the radio to Favorites.

3 Radio broadcast information

4 When you release the ◀◀ or ▶▶ button, the previous or next channel with good reception is automatically selected.

❺ Can see the list of available radio stations.

✎ The sound effect settings button may appear on the screen depending on the amp specifications.

Changing the FM radio channel

Perform any of the following methods:
- On the FM Radio channel list screen, press the desired channel.
- On the FM Radio screen, press the change frequency button.
- On the control panel, press the [**< SEEK**] or [**TRACK >**] button.
- If any Search knob on the control panel, you can also change the frequency by using the knob.
- You can also change the channel by using the Move lever on the steering wheel.

You can listen to the changed AM radio.

Scan FM

You can listen to each broadcast briefly and select a desired one.

On the FM Radio screen, press ☰ ▶ **Scan FM**.

Only the channels with good reception can be listened for 5 seconds in turn.

Editing the FM radio channel list

Saving FM radio channels

You can save a specific radio station's channel and easily access the channel.

While listening to a broadcast, press ☆ on the screen.

The current channel is added to the presets list.

Deleting a registered FM channel

Can delete a registered channel from the presets list.

1 On the **Favorites** screen, press ☰ ▶ **Edit Favorites**.

2 Select the channel to delete and press **Delete ▶ Yes**.

The channel is deleted and the preset list is emptied.

✎ When the current channel is already assigned to the presets list, press ★ to remove the channel from the list.

Turning on the AM radio

The Radio/Media selection screen, press **AM**.

✎ When multiple media are connected, press the [**MEDIA**] button once more and then press the desired media source from the Radio/Media selection window.

AM Radio channel list

Can change the radio mode.

❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Can change the radio mode.

❹ Perform any of the following methods.
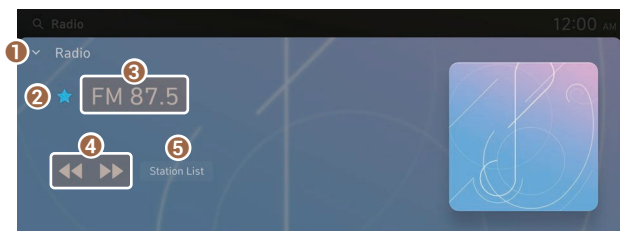
❺ Moves to the AM Radio list screen.

❻ The list of menu items appears.

- **Scan AM**: Select a broadcast of your choice after listening briefly to broadcasts from different radio stations.
- **Tune AM Manually**: Tune the radio frequency manually.
- **Sound Settings**: Displays the system sound settings screen.
- **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

✎ The sound effect settings button may appear on the screen depending on the amp specifications.

✎ The broadcast station names and local information are displayed using GPS data. Those information may not appear when there is no GPS data received.

✎ The displayed broadcast station names may not match the actual ones.

AM Radio screen

❶ Moves to the AM Radio channel list screen.

❷ Add the currently frequency on the radio to Favorites.

❸ Radio broadcast information

❹ When you release the ◀◀ or ▶▶ button, the previous or next channel with good reception is automatically selected.

❺ Can see the list of available radio stations.

🖉 The sound effect settings button may appear on the screen depending on the amp specifications.

Changing the AM radio channel

Perform any of the following methods:
- On the AM Radio channel list screen, press the desired channel.
- On the AM Radio screen, press the change frequency button.
- On the control panel, press the [❮ **SEEK**] or [**TRACK** ❯] button.
- If any Search knob on the control panel, you can also change the frequency by using the knob.
- You can also change the channel by using the Move lever on the steering wheel.

You can listen to the changed AM radio.

Scan AM

You can listen to each broadcast briefly and select a desired one.

On the AM Radio screen, press ☰ ▶ **Scan AM**.

Only the channels with good reception can be listened for 5 seconds in turn.

Editing the AM radio channel list

Saving AM radio channels

You can save a specific radio station's channel and easily access the channel.

While listening to a broadcast, press ☆ on the screen.

The current channel is added to the presets list.

Deleting a registered AM channel

Can delete a registered channel from the presets list.

1 On the **Favorites** screen, press ☰ ▶ **Edit Favorites**.

2 Select the channel to delete and press **Delete** ▶ **Yes**.

The channel is deleted and the preset list is emptied.

✎ When the current channel is already assigned to the presets list, press ★ to remove the channel from the list.

Playing music via Bluetooth

On the radio/media screen, press **Bluetooth Audio**.

✎ When multiple media are connected, press the [**MEDIA**] button once more and then press the desired media source from the radio/media selection window.
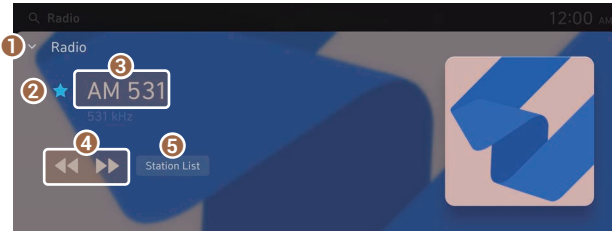
✎ For more information about Bluetooth connection: ▶ see "Connecting a Bluetooth device."

✎ The controls or display screens may differ depending on the connected Bluetooth device, phone model, and music player app.

✎ The streaming may not be supported in some music player apps.

✎ Some functions may not be available depending on the connected Bluetooth device or phone model.

✎ When a media device or mobile phone is connected by both the Bluetooth and USB cable at the same time, the device or system may not work properly. To use the Bluetooth connection, remove all cables from the device.

Bluetooth audio playback list screen

You can change the Media mode or can search for the desired music.
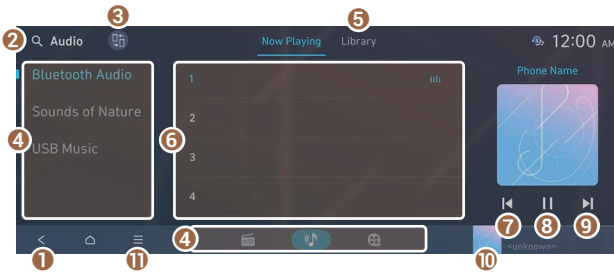
❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Find and connect other Bluetooth devices.

❹ Can change the media mode.

❺ Library Description

❻ Turning on the desired music.

❼ Restart playing the current file or play the previous file.

❽ Can pause or resume playback.

❾ Can play the next file.

❿ Moves to the Bluetooth audio screen.

⓫ The list of menu items appears.
  - **Change Device**: Find and connect other Bluetooth devices.
  - **Sound Settings**: Displays the system sound settings screen.
  - **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

🖉 The sound effect settings button may appear on the screen depending on the amp specifications.

Bluetooth audio playback screen
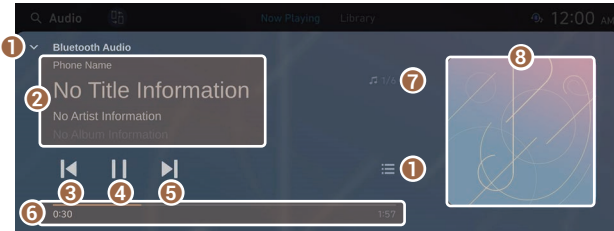
❶ Moves to the Bluetooth audio playback list screen.

❷ Displays the information of the current music.

❸ Restart playing the current file or play the previous file.

❹ Can pause or resume playback.

❺ Can play the next file.

❻ Can see the duration of the playing song and the current playback position.

❼ Displays the total number of files for playback.

❽ Displays the online album art for the music playing on the connected device.

🖉 The sound effect settings button may appear on the screen depending on the amp specifications.

Pause/Resume

On the Bluetooth audio playback screen, press ❚❚ or ▶.

Resuming playback of the current Bluetooth audio file

Perform any of the following methods:

- On the Bluetooth audio playback screen press ◀ after 3 seconds after playback.
- On the control panel, press the [‹ **SEEK**] button after 3 seconds during playback.
- You can also run the function by using the Move lever on the steering wheel.

✎ The actions required may differ depending on the connected device.

Resuming playback of the previous/next Bluetooth audio file

Perform any of the following methods:

- On the Bluetooth audio playback screen, press ◀ or ▶.
- On the control panel, press the [‹ **SEEK**] or [**TRACK** ›] button twice.
- If any Search knob on the control panel, you can search for the desired music by using the knob. When you press the knob within 5 seconds, music is played. However, if no input within 5 seconds, the search stops and the system displays the information of the current file.
- You can also run the function by using the Move lever on the steering wheel.

✎ The actions required may differ depending on the connected device.

Playing Sounds of Nature

Listen to the calming sound of rain, waves, and more to relax while driving by turning on a Sounds of Nature.

On the radio/media screen, press **Sounds of Nature**.

✎ When multiple media are connected, press the [**MEDIA**] button once more and then press the desired media source from the radio/media selection window.
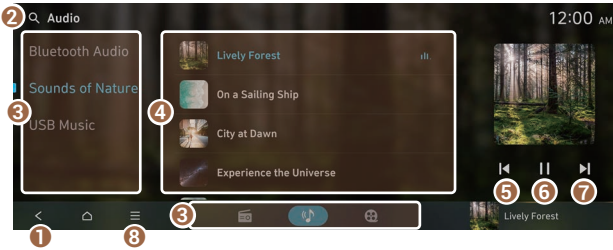
❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Can change the media mode.

❹ Select and play Sounds of nature.

❺ Play the previous sound.

❻ Stop or play playback.

❼ Play the next sound.

❽ The list of menu items appears.
- **Sound Settings**: Displays the system sound settings screen.
- **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

✎ Playing Sounds of Nature will mute or pause other sound effects and music that may be active at the moment.

✎ Incoming or outgoing calls will pause Sounds of Nature playback.

✎ The sound effect settings button may appear on the screen depending on the amp specifications.

Playing music from a USB device

1 Connect a media device for music playback to the USB port in the
   vehicle.

USB-C

USB-C
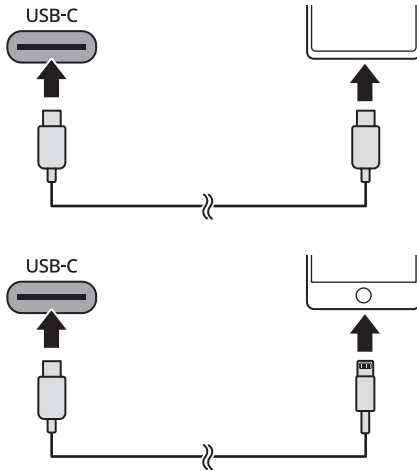
2 On the radio/media screen, press **USB Music**.

   ✎ When multiple media are connected, press the [**MEDIA**] button once more and then
     press the desired media source from the radio/media selection window.

USB music list screen

You can search and play the desired music from the list by pressing **List** on the USB music playback screen.
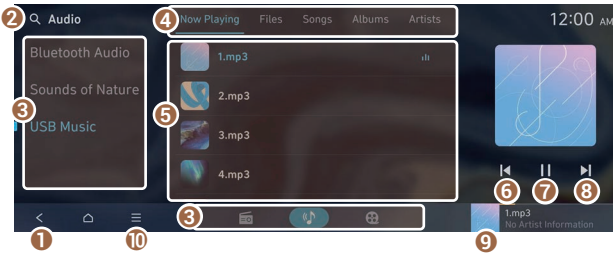
❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Can change the media mode.

❹ Can see music files for each category. In the artist or album category, you can select multiple artists or albums to play their songs.

❺ Turning on the desired music.

❻ Restart playing the current file or play the previous file.

❼ Can pause or resume playback.

❽ Can play the next file.

❾ Moves to the USB music screen.

❿ The list of menu items appears.

- **Sound Settings**: Displays the system sound settings screen.
- **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

⚠ **Caution**

- Be sure to start the vehicle before connecting a USB device. When you start the vehicle after connecting a USB device, the USB device may get damaged.
- Be careful of static electricity when connecting or removing a USB device. It may cause a system failure.
- Be careful and avoid your body or any object coming into contact with the USB port on the vehicle. It may cause an accident or system failures.
- Do not repeatedly connect and remove the USB connector within a short time. It may cause device errors or system failures.
- Do not use a USB device for purposes other than playback. When you connect a USB for charging or heating, the system performance may decrease or it may cause system failures.

✐ When connecting a USB storage, do not use a separate extension cable and directly connect to the USB port. When you connect a USB storage via a USB hub or extension cable, the device may not be recognized.

✐ Push the USB connector fully into the USB port. When the connector is not fully inserted, a communication problem may occur.

✐ Noise may occur when removing a USB device from the system.

✐ You can play only the files that have been encoded in the standard format.

✐ The following USB devices may not be recognized or may not work properly.
- Encrypted MP3 players
- USB devices that are not recognized as removable disks

✐ USB devices may not be recognized depending on the device status.

✐ Some USB devices may not be supported due to compatibility issues.

✐ USB device recognition may take longer than usual depending on the device type, capacity, and file formats on the device.

✐ Some devices may not be charged through USB connection. It depends on the USB specifications.

✐ You can hide files only in the USB device formatted in exFAT, FAT16/32, or NTFS. The hidden files can be found in the "Hidden_" folder.

USB music screen
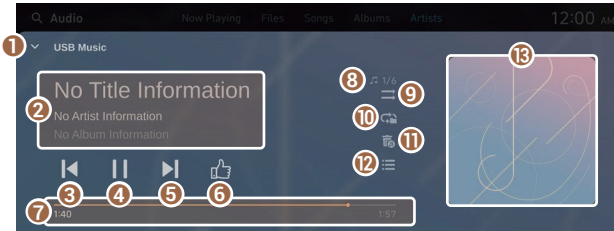
❶ Return to the playback screen.

❷ Displays the information of the current music.

❸ Restart playing the current file or play the previous file.

❹ Can pause or resume playback.

❺ Can play the next file.

❻ Add the currently playing music to Favorites.

    ✐ The icon is displayed on the playback screen only when the currently playing music contains the title and artist information.

    ✐ You can find the songs set your favorites in the **Liked Songs** category under the USB Music list. The **Liked Songs** category will show only the songs with information that matches the music files in the connected USB storage device.

❼ Can see the duration of the playing song and the current playback position.

❽ Displays the total number of files for playback.

❾ Used to turn on or off the shuffle playback mode.

❿ Used to change the repeat playback mode.

⓫ Used to hide the current music file.

⓬ Moves to the file list screen.

⓭ Displays the online album art for the music playing on the connected device.

    ✐ The sound effect settings button may appear on the screen depending on the amp specifications.

Pause/Resume

On the USB music playback screen, press ❚❚ or ▶.

Rewind/Fast forward

Select any of the following methods:
- On the USB music playback screen, press and hold ◀ or ▶❙.
- On the control panel, press and hold the [❮ **SEEK**] or [**TRACK** ❯] button.
- You can also run the function by using the Move lever on the steering wheel.

Resuming playback of the current music

Perform any of the following methods:
- On the USB music playback screen, press ◀ after 3 seconds during playback.
- On the control panel, press the [❮ **SEEK**] button after 3 seconds during playback.
- You can also run the function by using the Move lever on the steering wheel.

Playing the previous file/next file

Perform any of the following methods:
- On the USB music playback screen, press ◀ or ▶❙.
- On the control panel, press the [❮ **SEEK**] or [**TRACK** ❯] button twice.
- If any Search knob on the control panel, you can search for the desired music by using the knob. When you press the knob within 5 seconds, music is played. However, if no input within 5 seconds, the search stops and the system displays the information of the current file.
- You can also run the function by using the Move lever on the steering wheel.

Changing the repeated playback mode for USB music

You can change the repeated playback mode for USB music: Repeat One, Repeat Folder, and Repeat All.

On the USB music playback screen, press ⟳ repeatedly.

Each time the icon is pressed, the playback repetition modes are toggled and the activated mode icon appears on the screen.

Turning on/off the shuffle playback mode for USB music

On the USB music playback screen, press ⇄ repeatedly.

Each time the icon is pressed, the shuffle playback mode is turned on and off. When the shuffle playback is active, the files are played randomly with no sequence.

Playing video from a USB device

You can use the USB mode to play music files on a connected mobile device, such as USB device and MP3 player.

1   Connect a media device for video playback to the USB port in the vehicle.

USB-C

USB-C
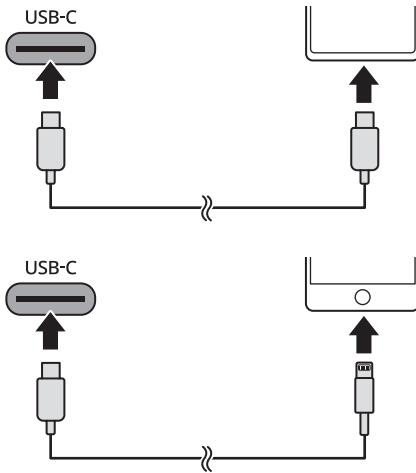
2   On the radio/media screen, press **USB Video**.

✎   When multiple media are connected, press the [**MEDIA**] button once more and then press the desired media source from the Radio/Media selection window.

USB video list screen

You can search and play the desired video.
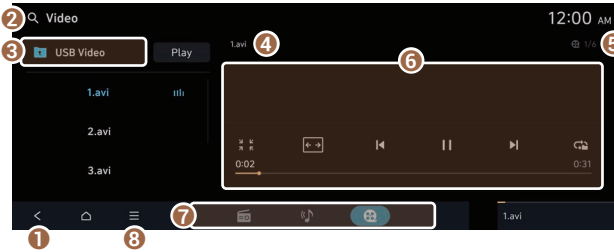
❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Moves to the upper folder.

❹ Currently playing is displayed video names.

❺ Displays the sequence number of the current file and the total number of files for playback.

❻ Currently playing is displayed video.

❼ Can change the media mode.

❽ The list of menu items appears.
   • **Media Sources**: Opens the Radio/Media selection window.
   • **Now Playing**: You can return to the folder of the playing file while searching in the list.

⚠ **Caution**
_____

• Be sure to start the vehicle before connecting a USB device. When you start the vehicle after connecting a USB device, the USB device may get damaged.

• Be careful of static electricity when connecting or removing a USB device. It may cause a system failure.

• Be careful and avoid your body or any object coming into contact with the USB port on the vehicle. It may cause an accident or system failures.

• Do not repeatedly connect and remove the USB connector within a short time. It may cause device errors or system failures.

• Do not use a USB device for purposes other than playback. When you connect a USB for charging or heating, the system performance may decrease or it may cause system failures.

- 🖉 When connecting a USB storage, do not use a separate extension cable and directly connect to the USB port. When you connect a USB storage via a USB hub or extension cable, the device may not be recognized.

- 🖉 Push the USB connector fully into the USB port. When the connector is not fully inserted, a communication problem may occur.

- 🖉 Noise may occur when removing a USB device from the system.

- 🖉 You can play only the files that have been encoded in the standard format.

- 🖉 The following USB devices may not be recognized or may not work properly.
  - Encrypted MP3 players
  - USB devices that are not recognized as removable disks

- 🖉 USB devices may not be recognized depending on the device status.

- 🖉 Some USB devices may not be supported due to compatibility issues.

- 🖉 USB device recognition may take longer than usual depending on the device type, capacity, and file formats on the device.

- 🖉 Some devices may not be charged through USB connection. It depends on the USB specifications.

USB video screen
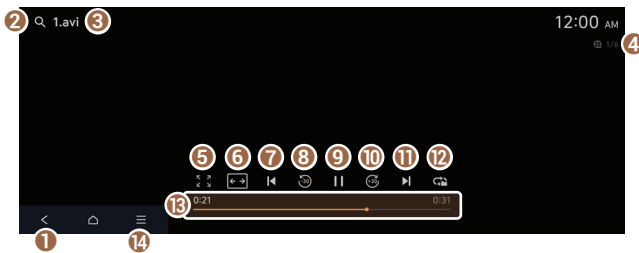
- ❶ Returns to the previous step.
- ❷ Search for a setting item by voice or by entering a keyword.
- ❸ Currently playing is displayed video names.
- ❹ Displays the sequence number of the current file and the total number of files for playback.
- ❺ Moves to the file list screen.
- ❻ Displays the system display settings screen.
- ❼ Restart playing the current file or previous file.
- ❽ Rewind by 30 seconds.
- ❾ Can pause or resume playback.
- ❿ Fast-forward by 30 seconds.

⓫ Can play the next file.

⓬ Can see the duration of the currently playing video and the current playback position.

⓭ Used to change the repeat playback mode.

⓮ The list of menu items appears.
- **Repeat All in Folder**: Set to play media files in all sub-folders included in the current playlist.
- **File Information**: Can see the information about the playing video file.
- **Change Audio**: Can change the audio track. This option is available when the playing video contains multiple audio tracks.
- **Sound Settings**: Displays the system sound settings screen.
- **Display Settings**: Displays the system display settings screen.
- **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

⚠ **Warning**

Play video is restricted while driving for safety reasons because negligence or distraction may cause severe or fatal injury.

🖉 The sound effect settings button may appear on the screen depending on the amp specifications.

Pause/Resume

On the USB video playback screen, press ▮▮ or ▶.

Rewind/Fast forward

Select any of the following methods:
- On the USB video playback screen, press and hold ◀▮ or ▮▶.
- On the control panel, press and hold the [< **SEEK**] or [**TRACK** >] button.
- You can also run the function by using the Move lever on the steering wheel.

Resuming playback of the current video

Select any of the following methods:
- On the USB video playback screen, press ◀▮ after 3 seconds during playback.
- On the control panel, press the [< **SEEK**] button after 3 seconds during playback.
- You can also run the function by using the Move lever on the steering wheel.

Playing the previous file/next file

Perform any of the following methods:

- On the control panel, press the ◀ or ▶.
- On the control panel, press the [〈 **SEEK**] or [**TRACK** 〉] button twice.
- If any Search knob on the control panel, you can search for the desired video by using the knob. When you press the knob within 5 seconds, video is played. However, if no input within 5 seconds, the search stops and the system displays the information of the current file.
- You can also run the function by using the Move lever on the steering wheel.

Changing the repeated playback mode for USB video

You can change the repeated playback mode for USB video: Repeat One, Repeat Folder, and Repeat All.

On the USB video playback screen, press ⟳ repeatedly.

Each time the icon is pressed, the playback repetition modes are toggled and the activated mode icon appears on the screen.

4 Phone

Making a call via Bluetooth

You can connect a Bluetooth device with the hands-free function to use a Bluetooth phone. The Bluetooth connection allows you to view call details directly from the system screen, and to make calls safely and easily use the system microphone and speaker.

For more information about Bluetooth connection: ▶ see "Connecting a Bluetooth device."

⚠ **Warning**

- Park the vehicle at a safe place before connecting your mobile phone. It may take the driver attention off the road and cause a traffic accident which can result in damages, injuries, and/or death.
- While driving, do not make a call by dialing a phone number or do not pick up your phone to talk. Distraction by the use of a mobile phone may cause you not to recognize traffic flow around and not to cope with unexpected situations. As a result, a traffic accident may occur. If necessary, use the Bluetooth hands-free function and make the call as short as possible.

Dialing from the recent call list

Make calls directly from call history of your mobile device.

When you connect your mobile device and system over Bluetooth, the list of recent calls from the device will be downloaded to the system and you can call them again by selecting them from the system screen. The system has a built-in microphone and speaker that make using mobile phones safe and easy.

1 Perform any of the following methods:
- On the Home screen, press **Phone**.
- On the steering wheel, press the Call button.

2 On the Bluetooth Call screen, press .

3 Choose a call from the list.

The system dials the selected number.

✐ You can also move to the desired number by using the Move lever on the steering wheel without pressing on the screen.
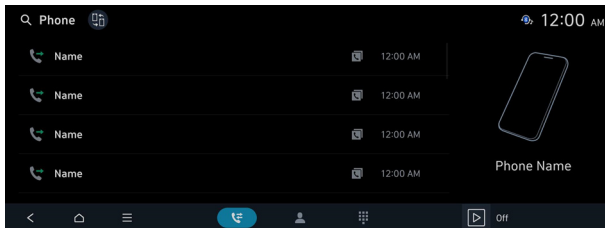
✐ Call durations do not appear on the system screen.

✐ You cannot download call records when the download is prohibited by the phone. Some phone models may require approval for a download. When a successful download is not made, check the phone screen or its settings.

✐ When call records are newly downloaded, the previous records are removed.

✐ Learn more about receiving calls while using a Bluetooth connection. ▶ See "Accepting an incoming call over Bluetooth."

Recent calls list screen
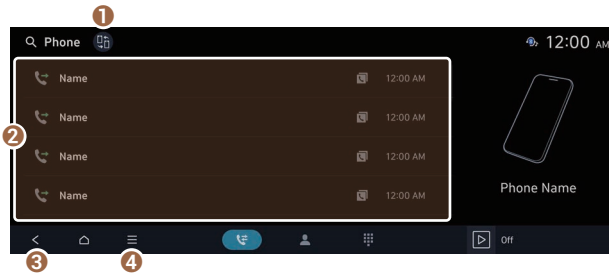
❶ Returns to the previous step.

❷ View a list of recent calls downloaded to the system from the device.

❸ Find and connect other Bluetooth devices.

❹ The list of menu items appears.
- **Privacy Mode**: Activate the Privacy Mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
- **Download**: Download the list of recent calls from the connected mobile device.
- **Change Device**: Find and connect other Bluetooth devices.
- **Device Connection Settings**: Can change the Bluetooth settings.
- **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

Dialing from the contacts

You can use contacts from the connected mobile device on the system.

When you connect your mobile device with the system via Bluetooth, contacts from the device are downloaded to the system, and you can choose to call them from the system screen. The system has a built-in microphone and speaker that make using mobile phones safe and easy.

1 Perform any of the following methods:

- On the Home screen, press **Phone**.
- On the steering wheel, press the Call button.

2 On the Bluetooth Call screen, press 👤.

3 Select a contact from the list.

The system dials the selected contact.
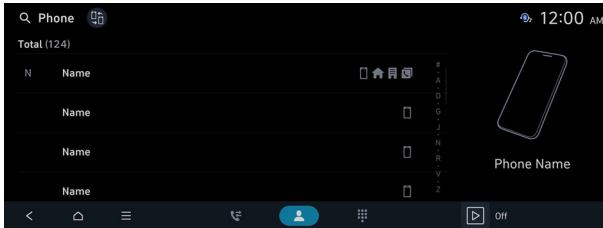
🖉 You can download only the contacts that can be displayed on the connected Bluetooth device. The contacts may not appear in some Apps.

🖉 You can download up to 5,000 contacts for each device.

🖉 Contacts from both the mobile device and its SIM card are downloaded at the same time. The system may not be able to download SIM card contacts from all phone models.

🖉 When speed dial numbers are set to contacts on the phone, press and hold a speed dial number on the dial pad to make a call easily. Some mobile phone models may not support the speed dial function.

🖉 You cannot download contacts when the download is prohibited by the phone. Some phone models may require approval for a download. When a successful download is not made, check the phone screen or its settings.

∅ Depending on the phone model or operation status, downloading may take longer than usual.

∅ When a new contacts list is downloaded, the previous records are removed.

∅ The downloaded contacts cannot be edited or deleted from the system.

∅ When another mobile phone is connected, the screen does not display the contacts downloaded from the previous phone, but they are kept in the system until the phone is deleted from the list.

∅ Learn more about receiving calls while using a Bluetooth connection. ▶ See "Accepting an incoming call over Bluetooth."

Contacts list screen
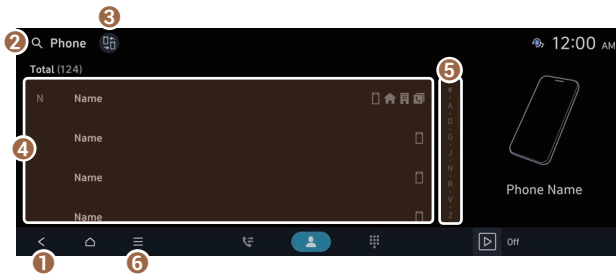
❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Find and connect other Bluetooth devices.

❹ View a list of contacts downloaded to the system from the device.

❺ Use the index to quickly find the contact you are looking for.

❻ The list of menu items appears.
   • **Privacy Mode**: Activate the Privacy Mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
   • **Download**: Download the list of contacts from the connected mobile device.
   • **Change Device**: Find and connect other Bluetooth devices.
   • **Device Connection Settings**: Can change the Bluetooth settings.
   • **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

Dialing using the dial pad

Enter a phone number using the dial pad to make a call.

When you connect your mobile device to the system via Bluetooth, you can enter and dial a phone number from the system screen, without interacting with the device. The system has a built-in microphone and speaker that make using mobile phones safe and easy.

⚠️ **Warning**

Do not manually dial a call while driving. Distraction by the use of a mobile phone may cause you not to recognize traffic flow around and not to cope with unexpected situations. As a result, a traffic accident may occur.

1   Perform any of the following methods:
   - On the Home screen, press **Phone**.
   - On the steering wheel, press the Call button.

2   On the Bluetooth Call screen, press ⚏.

3   After entering a phone number, press 📞.

   A call is connected to the entered phone number.

   🖊 When contacts are on the system, search for the desired contact by entering the initial letters or number on the dial pad (e.g., John Doe ▶ JD).
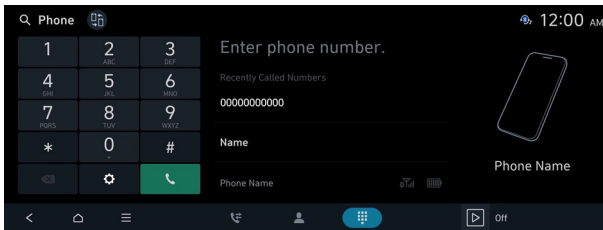
   🖊 Learn more about receiving calls while using a Bluetooth connection. ▶ See "Accepting an incoming call over Bluetooth."

Dial pad screen
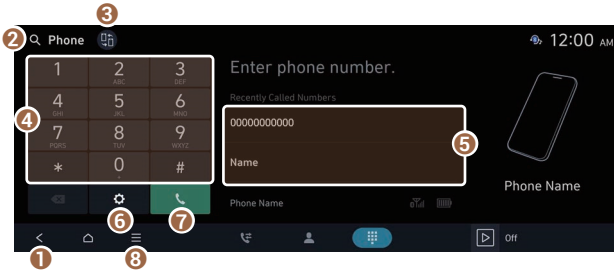
❶ Returns to the previous step.

❷ Search for a setting item by voice or by entering a keyword.

❸ Find and connect other Bluetooth devices.

❹ Use the dial pad to enter phone numbers.

❺ Press to dial the number you entered.

   ✐ If you have recent calls stored on your system, you can use the following feature before entering a phone number.
   - Pressing this button will display the most recently dialed numbers in the field.
   - Press and hold this button to automatically call the most recently dialed number.

❻ The list of menu items appears.
   - **Privacy Mode**: Activate the Privacy Mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
   - **Download**: Download the list of contacts from the connected mobile device.
   - **Change Device**: Find and connect other Bluetooth devices.
   - **Device Connection Settings**: Can change the Bluetooth settings.
   - **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

Accepting an incoming call over Bluetooth

The system screen alerts you when you receive a call while connected using Bluetooth.
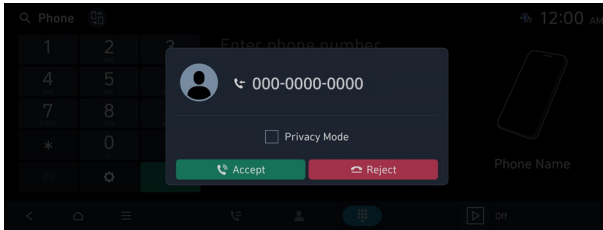
Perform any of the following methods:

- Press **Accept** on the screen.
- On the steering wheel, press the Call button.

✎ Automatically holds an incoming call if Privacy Mode is on.

⚠ **Warning**

- Park the vehicle at a safe place before connecting your mobile phone. It may take the driver attention off the road and cause a traffic accident which can result in damages, injuries, and/or death.
- Do not talk on your mobile device while driving. Distraction by the use of a mobile phone may cause you not to recognize traffic flow around and not to cope with unexpected situations. As a result, a traffic accident may occur. If necessary, use the Bluetooth hands-free function and make the call as short as possible.

✎ When a mobile phone is connected to the system, the vehicle's speaker may be used to output a call tone even after you leave the vehicle. To disconnect the call, disable the Bluetooth connection on the system or turn off the Bluetooth function on the mobile phone.

Rejecting a call

Perform any of the following methods:

- Press **Reject** on the screen.
- On the steering wheel, press and hold the Call button.

Using functions during a call

During a call, the following screen appears.

Press to use the available options.
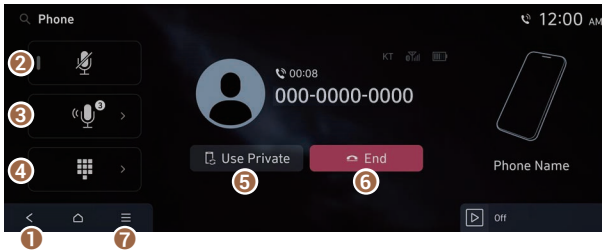
❶ Returns to the previous step.

❷ Can turn off the microphone so that the other party cannot hear you.

❸ Can adjust the microphone volume.

❹ Displays or hides the dial pad screen.

❺ Used to switch the call to the mobile phone. This option may not be available in some phone models.

❻ Used to end a call.

❼ The list of menu items appears.
- **Privacy Mode**: Activate the Privacy Mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.

✎ When the caller is in the contact list, the caller's name and phone number of the caller are displayed. When the sender information is not saved, only the phone number appears.

✎ During a call with a Bluetooth connection, you cannot switch to another screen such as Radio/Media mode.

✎ Depending on the phone model, the call volume of the other party may differ.

✎ Depending on the phone model, the telephone number may not appear.

Switching to another call

You can receive another incoming call while in a call. This option is available only when the connected mobile phone supports the call hold function. The original call is put on hold.

To switch between two calls, use either option.

- Press **Switch**.
- Press a displayed name or phone number.
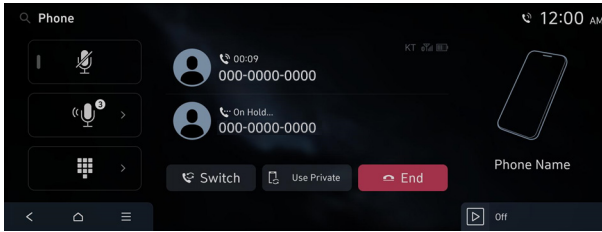
✎ This option may not be available in some phone models.

5   Phone Projection

Using the phone projection function

When you connect an Android smartphone or iPhone to the vehicle with a USB cable, you can run and control Apps on the phone through the widescreen using its user-friendly interface.

⚠ **Caution**
Using an approved USB cable provided by your smartphone manufacturer is recommended. Using unapproved USB cables may cause a phone projection error or a system malfunction.

Pairing to an Android smartphone via Android Auto

When you connect an Android smartphone to the vehicle with Android Auto, you can run and control Apps on the phone through the widescreen using its user-friendly interface.

1   To use Android Auto, first check the following.

   • Visit the Android Auto website at https://www.android.com/auto to check the list of countries, device types, and models that support Android Auto.

   • Download and install the Android Auto App from Google Play Store. It is not possible to install Android Auto in countries that do not support the feature.

2 On the Home screen, press **Setup ▶ Device Connections ▶ Phone Projection ▶ Android Auto Settings ▶ Phone Projection Settings** and then check **Enable Android Auto**.

Q **Device Connections** Android Auto Settings		12:00 AM
Device Connections	⬤ Enable Android Auto	
	Sets the Android Auto	
Bluetooth System Info	┃ Sets the Android Auto for each device.	
Phone Projection		
	No Devices Paired.	
‹ ⌂ ☰		▷ Off
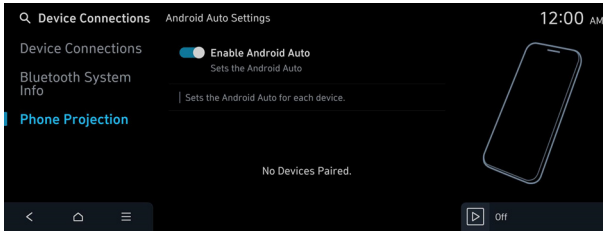
3 Connect a smartphone to the USB port on the vehicle by using the provided USB cable.

    ✐ When the connection is made for the first time, the system screen displays a notification window. Check the details and then press **Yes**.

    ✐ To end the Android Auto and disconnect from the smartphone, remove the USB cable from the system.

    ⚠ **Caution** —————————————————————————

    Do not repeatedly connect and remove the USB connector within a short time. It may cause device errors or system failures.

4 When the smartphone is locked, unlock it first and then consent to the use of Android Auto.

When the smartphone is recognized successfully, the **Android Auto** menu is activated on the Home screen.

Using the Android Auto

1 On the Home screen, press **Android Auto**.

2 Perform the desired function.

- To run the functions for phone, music, or navigation on the smartphone, press the corresponding App icon.

  ✎ When you are using your smartphone's navigation via phone projection, sounds from both the system's radio/media function and the navigation will be output through your vehicle's speakers. When you use Volume knob while both sounds are being output, the navigation volume is adjusted first.

- To use the Google voice recognition, press and hold the Voice Recognition button on the steering wheel.

✎ By pressing the [**MODE**] button on the steering wheel, you can run the media App on your smartphone as well as the Radio/Media mode of the system.

✎ To specify which functions to run when the [**MODE**] button on the steering wheel is pressed, press and hold the [**MODE**] button to display the settings screen.

✎ By pressing the Call button on the steering wheel, you can make a call via Bluetooth connection.

✎ When phone projection is active, you cannot change the phone projection settings. To change the settings, remove the USB cable from your system.

✎ The icons on the screen are subject to change according to the policy of Google Corporation.

✎ Apps or functions used through Android Auto are subject to change according to the policy of Google Corporation. For supportable functions, visit the Android website at https://www.android.com/auto.

✎ To use the functions on your smartphone with the minimized system settings, update the smartphone OS to the latest version.

✎ The recognition time may differ depending on the device type, firmware, and OS version.

✎ Charges may apply for any mobile data used while Android Auto is running.

✎ Some functions may not work properly depending on the network signal strength.

✎ Avoid interacting with the smartphone while using Android Auto.

✎ You cannot use the following functions when Android Auto is in use.

  - USB mode
  - Apple CarPlay
  - Searches using the control panel, steering wheel remote control, or rear seat remote control
  - Browsing using the Search knob on the control panel

Pairing to an iPhone via Apple CarPlay

After you connect an iPhone to the vehicle with Apple CarPlay, you can run and control Apps on the phone through the system screen.

1 To use Apple CarPlay, first check the following:

   - For iPhone models that support Apple CarPlay, visit the Apple website at https://www.apple.com/kr/ios/carplay.
   - Make sure Apple CarPlay and Siri are enabled in your iPhone settings. If you do not see options for Apple CarPlay or Siri, update to the latest iOS version.

2 On the Home screen, press **Setup ▶ Device Connections ▶ Phone Projection ▶ Apple CarPlay Settings**.
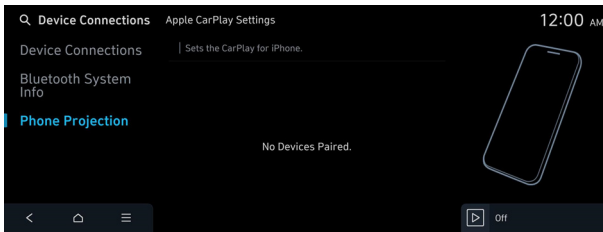
3 Connect an iPhone to the USB port on the vehicle by using the provided USB cable.

   ✎ When the connection is made for the first time, the system screen displays a notification window. Check the details and then press **Yes**.

   ✎ To end the Apple CarPlay and disconnect from the iPhone, remove the USB cable from the system.

   ⚠ **Caution**

   Do not repeatedly connect and remove the USB connector within a short time. It may cause device errors or system failures.

4 When the iPhone is locked, unlock it first and then consent to the use of Apple CarPlay.

   When the iPhone is recognized successfully, the **Apple CarPlay** menu is activated on the Home screen.

Using the Apple CarPlay

1 On the Home screen, press **Apple CarPlay**.

2 Perform the desired function.

- To run any of functions (phone, messaging, music, navigation, etc.) on your iPhone, press the corresponding App icon.

  ✎ When you are using your smartphone's navigation via phone projection, sounds from both the system's radio/media function and the navigation will be output through your vehicle's speakers. When you use Volume knob while both sounds are being output, the navigation volume is adjusted first.

- To run the Siri voice recognition, press and hold the Voice Recognition button on the steering wheel.

✎ By pressing the [**MODE**] button on the steering wheel, you can run the media App on your smartphone as well as the Radio/Media mode of the system.

✎ To specify which functions to run when the [**MODE**] button on the steering wheel is pressed, press and hold the [**MODE**] button to display the settings screen.

✎ Press the Call/Answer button on the steering wheel to answer an incoming call.

✎ When phone projection is active, you cannot change the phone projection settings. To change the settings, remove the USB cable from your system.

✎ Apps or functions used through Apple CarPlay are subject to change according to the policy of Apple Corporation. For supportable functions, visit the Apple Corporation website at https://www.apple.com/kr/ios/carplay.

✎ To use the functions on your smartphone with the minimized system settings, update the smartphone OS to the latest version.

✎ The recognition time may differ depending on the device type, firmware, and OS version.

✎ Charges may apply for any mobile data used while Apple CarPlay is running.

✎ Some functions may not work properly depending on the network signal strength.

✎ Avoid interacting with the smartphone while using Apple CarPlay.

✎ You cannot use the following functions when Apple CarPlay is in use.
- Bluetooth phone
- USB mode
- Android Auto
- Browsing using the Search knob on the control panel

6　　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**.
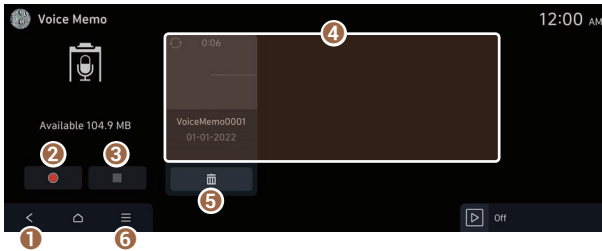
❶ Returns to the previous step.

❷ Starts or pauses the recording.

❸ Stops recording.

❹ Displays the list of recorded voice memos.

❺ Can delete a voice memo.

❻ The list of menu items appears.

- **Save to USB Device**: Can record a voice memo to a USB storage device. Check that the USB device is compatible. ▶ See "USB storage devices."
- **Delete**: Can delete a voice memo.
- **Storage Space Information**: Can see the file size of recorded voice memos.
- **Online Manual**: Displays the QR code that provides access to the online user manual for the system.

Recording a voice memo

1 On the **Voice Memo** screen, press ⏺.

   It starts recording a voice memo.

2 When recording is finished, press ◼.

   The voice memo is automatically saved.

🖉 To 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 is stopped and the recorded voice memo is automatically saved.

7   Quiet mode

Using the rear-seat quiet mode

To allow occupants in the rear seat to have rest and sleep, you can set to adjust the system volume.

1 On the Home screen, press **Quiet Mode**.

2 Press **Quiet Mode**.

The audio volume in the rear seat is muted. When the volume for the front seats is set too high, the volume decreases automatically.

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

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

✎ To access the online user's manual on the Quiet Mode screen, press ☰ ▶ **Online Manual** and then scan the displayed QR code.

8   Rear view

Viewing the driving assistance screen

You can see the view around the vehicle through the system screen.

⚠ **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 screen

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.

🖉 The example may differ from the actual screen display.
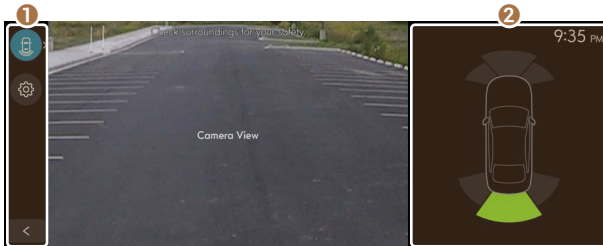
❶ **VIEW icon**
- 🏠 (HOME icon): Displays the Home screen.
- 📷 (Rear view icon): Press the icon to display the desired view.
- 📷 (Rear view icon while driving): Displays the rear view while driving.
- ⚙ (Settings icon): Used to adjust the brightness and contrast of camera images.

   🖉 To select the information to display on the screen, press **Content Selection**.

❷ Parking Distance Warning

Provides a visual warning in color and an audible warning according to the level of collision risk, based on the distance from an ambient obstacle.

✐ You can set to display the rear camera display even when you change the shift position other than "R" (Reverse) after reversing. To change rear camera operation settings, On the All Menus screen, press **Setup ▶ Display ▶ Camera Settings ▶ Content Selection ▶ Extended Rear View Monitor**.

✐ Noting the parking assist guidelines based on the steering, you can see the moving direction.

✐ A warning sound is heard when the vehicle approaches obstacles while parking. When you set to automatically lower the audio volume while parking, it can prevent accidents caused by failure to hear the warning sound. On the Home screen, press **Setup ▶ Sound ▶ Driver Assistance ▶ Parking Safety Priority**.

✐ When you press the [⬚P] button with the shift position in "P" (Park), you can see the rear view.

Viewing the rear view

You can see the rear view through the system screen.

1 On the rear view screen, press ▤.

2 Press the icon to display the desired view.

✐ The guidelines appear on the rear view.
- Displays the space required to open the trunk. After a parking, check whether the space is sufficient to open the trunk and there is no obstacle.
- 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.

Icon	Description
▤	Displays the rear top view.
▤	Displays the rear view (default).

Viewing the rear view while driving

Even while driving, you can see the rear view through the system screen.

To see the rear view while driving, press the [⬚] button.

The system displays both the rear view and the [⬚] icon.

✎ To turn off the rear view display, press the [⬚] button again.

Configuring rear view settings (if equipped)

1 On the rear view screen, press ⚙.

2 Select and then change the settings.
- To select the information to display on the screen, press **Content Selection** (if equipped).
- To adjust the brightness and contrast of the rear view screen, press **Display Settings**. To initialize all Rear View screen settings, press **Center**.

Surround view monitor (if equipped)

You can check the surroundings by using multiple cameras on the vehicle.

✎ Use the +/- button on the right of the screen to zoom in or out.

Viewing the surround view while driving

1 In order to see the surround view, press the [⬚] button.

The system displays both the front view and surround view.

✎ The surround view monitor function operates only when any of the following conditions are met.
- The driving speed is below 10 km/h with the shift position in "D" (Drive).
- The vehicle is stationary and the shift position is in "D" (Drive) or "N" (Neutral).

✎ You can use Remote Smart Parking Assist by long pressing the [⬚] button. For more information, refer to the owner's manual that is separately provided.

2 Press the icon to get a view in the desired direction.

Icon	Description
	Displays the zoom-in front top view and top view.
	Displays the front wide view.
	Displays the front blind spot view and top view.
	Displays the front wide view and top view (default).
	Displays 3D and top views of the vehicle surroundings.
	Displays the surround view settings.

✎ When any door or trunk is open or outside rear view mirrors are folded, an alert icon appears on the screen.

✎ To turn off the surround view screen, press the [⫇P⫈] button.

Viewing the surround view while reversing

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 displays the rear view of the vehicle.

✎ The surround view monitor function is not available when you change the shift position to "P" (Park).

✎ When you press the [⫇P⫈] button with the shift position in "P" (Park), you can see the rear view.

2 Press the icon to get a view in the desired direction.

Icon	Description
	Displays the zoom-in rear top view and top view.
	Displays the rear wide view.
	Displays the rear blind spot view and top view.
	Displays the rear wide view and top view (default).
	Displays 3D and top views of the vehicle surroundings.
	Displays the surround view settings.

🖉 You cannot access the rear view mode while reversing.

Configuring the surround view monitor settings

1 On the surround view screen, press 🖼.

2 Select and then change the settings.
   - To select the information to appear on the video, press **Display Contents**. (Parking Distance Warning, Top View Parking Lines, Rear View Parking Lines)
   - To select the default view for top view monitoring, press **Top View Default Mode**.
   - To select the default view for using the surround view monitor function while driving, press **Front View Default Mode**.
   - To select the default view for using the surround view monitor function while reversing, press **Rear View Default Mode**.
   - To adjust the brightness and contrast of the Surround View image, press **Display Settings**.
   - To set the information to display on the Surround View screen and adjust or reset the brightness and contrast of the image, on the Home screen, press **Setup ► Vehicle ► Driver Assistance ► Parking Safety ► Camera Settings**.

9　Settings

Configuring System Settings
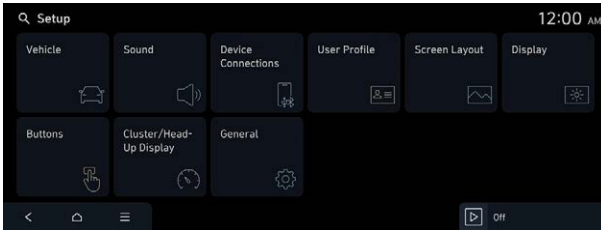
🖉 Press 🔍 and enter a keyword to search for a setting item.

Configuring the vehicle settings

You can configure the functions for driving and related environments.

⚠️ **Caution**

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

🖉 Vehicle settings can be changed only when the vehicle is on.

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

🖉 Depending on the climate control system, some functions may not be supported.

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

The vehicle settings screen appears.

2   Configure the settings required:

🖉 Press 🔍 and enter a keyword to search for a setting item.

Driver Assistance (if equipped)

You can set to use various systems that assist the driver for safety.

🖉 Refer to the car owner's manual for details of the function.

⚠️ **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.

Smart Cruise Control (if equipped)

Sets the properties of the Smart Cruise Control.

Warning Timing (if equipped)

Sets the timing of the warning.

Warning Methods (if equipped)

Sets the volume, priority and haptic warning of the warning sound for driver assistance.

- **Warning Volume**: Sets the volume of the warning sound.
- **Haptic Warning**: Sets the intensity of the steering wheel vibration warning.
- **Driving Safety Priority**: When warning sound is generated while driving, the audio volume decreases.
- **Parking Safety Priority**: When warning sound is generated while parking, the audio volume decreases.

Driving Safety Priority (if equipped)

When warning sound is generated while driving, the audio volume decreases to make the sound audible.

Parking Safety Priority (if equipped)

When warning sound is generated while parking, the audio volume decreases to make the sound audible.

Driver Attention Warning (if equipped)

Sets the properties of the Driver Attention Warning system.

- **Leading Vehicle Departure Alert**: Alerts the driver during a stop, when the leading vehicle departs.

  ⚠️ **Warning**

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

- **Forward Attention Warning**: Provides a warning when signs of driver inattentiveness are detected.

Forward Safety (if equipped)

Sets the properties of the 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** ──────────────────────

This function is only a supplemental function and it is not intended to, nor does it replace the need for extreme care and attention of the driver. The sensing range and objects detectable by the sensors are limited. Pay attention to the road conditions at all times.

- **Warning Only**: Provides a warning when a risk of forward collision is detected.
- **Off**: Disables the Forward Safety functions.

Lane Safety (if equipped)

Sets the properties of the Lane Safety system.

- **Assist**: Automatically assists with steering to help prevent the vehicle from leaving the lane.

⚠ **Warning** ──────────────────────

Lane Keeping Assist is a supplementary function for safe driving and does not replace driving. It is the responsibility of the driver to always be aware of the surroundings and steer the vehicle.

⚠ **Caution** ──────────────────────

When the lanes are not recognized well by front view camera, always check the surroundings because the Lane Keeping Assist may not work properly.

- **Warning Only**: Provides a warning when the vehicle leaves the lane without operating the turn signal switch.
- **Off**: Disables the Lane Safety functions.

Blind-Spot Safety (if equipped)

Sets the properties of the Blind-Spot Safety system.

- **Blind-Spot View Monitor**: Displays the blind-spot view in the cluster when operating the turn signal switch.
- **Safe Exit Assist**: Provides a warning 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.

⚠ **Caution**

- Safe Exit Assist may not operate properly when a vehicle is coming rapidly two lanes over from your vehicle or a vehicle is approaching at a fast speed from the rear in the lane next to your vehicle.
- Safe Exit Assist may not operate properly if there is any vehicle or obstacle at the rear area of your vehicle.
- Safe Exit Assist may be activated later than normal or may not operate properly if a vehicle is approaching fast from the rear of your vehicle.
- Safe Exit Assist may not operate when the Blind-Spot Safety system malfunctions as follows:
    - The warning message of the Blind-Spot Safety system appears on the instrument cluster.
    - The sensors of the Blind-Spot Safety system are contaminated or covered.
    - The Blind-Spot Safety system does not generate warning or generates a wrong alert.

- **Active Assist**: Provides a warning and vehicle control when a risk of blind-spot collision is detected.

⚠ **Warning**

Always be aware of road conditions while driving and be alert for unexpected situations even though Blind-Spot Collision Warning and Blind-Spot Collision-Avoidance Assist are operating.

- **Warning Only**: Provides a warning when a risk of blind-spot collision is detected.
- **Off**: Disables Blind-Spot Safety function.

Driving Safety (if equipped)

Configure the driving safety system settings.

- **Forward Safety**: Provides a warning and emergency braking when a risk of forward collision is detected.
- **Forward Safety Warning Timing**: Select when the forward safety system will activate a warning.
- **Forward/Side Safety**: Provides a warning and emergency steering when a risk of forward or side collision is detected.
- **Forward Cross-Traffic Safety**: Provides a warning and emergency braking when a risk of forward cross-traffic 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 on the cluster when the turn signal switch is turned on.
- **Blind-Spot Safety**: Provides a warning when there is a risk of collision with blind-spot traffic, and controls the vehicle to assist the driver in avoiding collisions when exiting a parking space.
- **Safe Exit**: Provides a warning and door control when an approaching vehicle is detected in the vehicle's blind spot.

Parking Safety (if equipped)

Sets the properties of the Parking Safety systems.

- **Camera Settings**: Sets the properties of the cameras.
  - **Display Contents**: Specify information that will be displayed on the view screen. Setting items may differ depending on the vehicle model and camera type.
  - **Display Settings**: Adjust the brightness and contrast of the view screen. To initialize all Surround View or Rear View screen settings, press **Center**.
- **Surround View Monitor Auto On**: Automatically activates Surround View Monitor when Parking Distance Warning is active.
- **Parking Distance Warning Auto On**: Automatically activates Parking Distance Warning when traveling at low speeds.
- **Forward/Side Safety**: Provides a warning and emergency steering 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 (if equipped).
- **Rear Active Assist**: Provides a warning and emergency braking when a risk of rear collision is detected while reversing (if equipped).
- **Rear Warning Only**: Provides a warning when a risk of rear collision is detected while backing up (if equipped).

- **Off**: Disables Parking Safety functions (if equipped).
- **Rear Cross-Traffic Safety**: Provides a warning when a risk of rear cross-traffic collision is detected while reversing. It provides vehicle control to avoid collision, depending on the vehicle model and specifications.

⚠️ **Warning** _____

- Even though the vehicle is equipped the Parking Safety system, be sure to check any obstacles in the surroundings while driving. 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.

Drive Mode (if equipped)

You can change the vehicle settings for driving conditions.

CUSTOM (if equipped)

You can set to select the drive mode optimized for the driving habits or road conditions.

- **Powertrain**: Select a drive mode that performs optimum engine and transmission control depending on the driving situation.
  - **ECO**: Optimized for fuel-efficient driving.
  - **COMFORT** or **NORMAL**: Optimized for balanced comfort.
  - **SPORT**: Optimized for agile driving.
  - **SPORT+**: Optimized for dynamic driving.
- **Steering**: Select a drive mode that performs optimum steering wheel control depending on the driving situation.
  - **COMFORT** or **NORMAL**: Optimized for smooth steering.
  - **SPORT**: Optimized for agile steering.
- **Suspension**: Select a drive mode that performs optimum suspension control to improve ride comfort depending on the driving situation.
  - **COMFORT** or **NORMAL**: Optimized for balanced comfort ride.
  - **SPORT**: Optimized for dynamic driving.
- **AWD**: Selects a four-wheel drive mode.
  - **ECO**: Optimized for fuel-efficient driving.
  - **COMFORT** or **NORMAL**: Optimized for stable ride.
  - **SPORT**: Optimized for dynamic driving.
- **ESC**: This mode prevents the wheels from spinning and losing traction on slippery roads, so as to ensure vehicle stability for stable control.
  - **NORMAL**: Improves handling of the car in adverse conditions.
  - **SPORT**: Disables the stability control.

Drive Mode Change Alert (if equipped)

Configure the setting so that drive mode change notification is displayed along with the vehicle image when the drive mode is changed.

Tow Mode (if equipped)

Set the trailer weight to refer to when entering tow mode.

Climate Control ECO Mode (if equipped)

Decrease the cooling/heating level to increase the drivable range.

Sport Mode Seat Support (if equipped)

Reinforces seat side bolstering to offer a sporty driving experience.

Coasting (if equipped)

You can enable coasting while driving to improve fuel efficiency.

This setting allows the transmission to disengage the engine while driving in ECO mode or SMART mode, provided that the coasting conditions are met.

🖉 Coasting is available only when the drive mode supports ECO or SMART mode.

Active Sound Design (if equipped)

Turn on or off the engine sound function which generates a virtual engine sound.

Active Sound Design (if equipped)

Adjust the interior engine sound volume.

Active Noise Control (if equipped)

Reduces noise when driving.

Climate (if equipped)

You can configure the operation environment for climate control system.

Recirculate Air (if equipped)

You can set to keep the inside air pleasant by blocking inflow of outside air.

- **Activate upon Washer Fluid Use**: Sets to automatically switch to the inside air circulation mode to prevent inflow of washer fluid scent when spraying washer fluid.
- **Activate Based on External Dust**: Sets to automatically switch to the air purification mode to keep inside air pleasant when the fine dust index is high (if equipped).
- **Activate upon Entering Tunnels**: Automatically prevents entry of outside air when entering a tunnel (if equipped).
- **Others**: Automatically prevents entry of outside air when it is necessary (if equipped).

Automatic Ventilation (if equipped)

You can set to prevent condensation inside and keep inside air pleasant using this feature.

- **Automatic Dehumidify**: Once the inside air circulation mode has been used for a long time, it is switched to the outside air inflow mode to prevent condensation.
- **Smart Ventilation**: Sets to automatically switch to the outside air inflow mode to maintain a pleasant indoor environment when the humidity increases in the vehicle with the climate system off (if equipped).
- CO_2 **Automatic Ventilation**: Sets to automatically switch to the outside air inflow mode to maintain a pleasant indoor environment when the CO_2 concentration increases in the vehicle with the climate system off (if equipped).

Defog/Defrost Options (if equipped)

You can set to enable the defogger to secure driver visibility.

- **Defog/Defrost**: Automatically activates the fresh air mode and air conditioner to remove moisture when the windshield is fogged up.
- **Auto Defog**: Automatically activates the climate control system to prevent the windshield from fogging up.

A/C Automatic Drying (if equipped)

You can set the climate control system to dry the air conditioner by running when the engine is stopped.

Lock Rear Climate Controls (if equipped)

Prevents changes to the climate control system from rear seats.

Climate Control ECO Mode (if equipped)

Decrease the cooling/heating level to increase the drivable range.

Warmer/Ventilation Features (if equipped)

You can set to make the driving environment pleasant by controlling the steering wheel warmer and driver's seat warmer/ventilation.

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

Warmer/Ventilation Features (if equipped)

You can set to make the driving environment pleasant by controlling the steering wheel warmer and driver's seat warmer/ventilation.

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

Seating Easy Access (if equipped)

For convenience upon getting on and off, you can adjust the position of the driver's seat or steering wheel to secure space inside the vehicle.

- **Seat Slide Easy Access**: Can set the distance to automatically move the driver's seat when getting on or off.
- **Steering Easy Access**: The steering wheel moves upward when getting on and off (if equipped).

Smart Support (if equipped)

Configure the setting so that this feature works when the sport mode or the highway driving assist feature is turned on.

Ergo-Motion Seat (if equipped)

Reduces occupant fatigue and improves ride comfort and safety while driving by ergonomically using seat movements.

Lights (if equipped)

You can configure the settings for vehicle lights.

Ambient Lighting (if equipped)

You can set the brightness and color of the ambient light.

✐ To turn off the interior mood lamp, adjust the brightness to 0.

One Touch Turn Signal (if equipped)

You can set the number of turn signal lamp flashes when the lamp lever is operated.

Welcome Mirror/Light (if equipped)

You can set the welcoming time on the outside rear view mirrors.

- **On door unlock**: The welcome feature is enabled by the door unlock event.
- **On driver approach**: When the driver with the smart key approaches, the welcome feature is enabled.

Headlight Delay (if equipped)

You can set to turn off the taillights and headlights in 15 seconds after turning off the vehicle to ensure visibility.

Travel Mode (if equipped)

Prevents blinding oncoming traffic by decreasing the headlamp illumination range. This option is applicable in countries where traffic can move in opposite directions.

Intelligent High Beams (if equipped)

You can set the vehicle speed at which the intelligent headlamps operate.

High Beam Assist (if equipped)

You can set to automatically control the high beam when an oncoming vehicle is approaching to decrease the high beam glare.

Door (if equipped)

You can configure the operation environment for the trunk and doors.

Automatically Lock (if equipped)

You can set the time to automatically lock all doors.

Automatically Unlock (if equipped)

You can set the time to automatically unlock all doors.

Walk-away Lock (if equipped)

You can set to automatically lock all doors when you move away from the vehicle with the smart key.

🖉 When all doors are closed, this feature works normally.

Approach Unlock (if equipped)

Door handle(s) will rise and unlock when the smart key is nearby.

Horn Feedback (if equipped)

You can set to generate guiding beep when all doors are locked.

2 Press Unlock (if equipped)

You can set to unlock all doors by pressing the door unlock button twice.

🖉 When you press the door unlock button once, only the driver's seat door is unlocked.

Power Trunk (if equipped)

Open or close the trunk automatically using the power trunk button.

Power Trunk Opening Speed (if equipped)

Set the opening speed for the power trunk.

Power Trunk Opening Height (if equipped)

Set the opening height for the power trunk.

Smart Trunk (if equipped)

Opens the trunk automatically when approaching the trunk with the smart key.

Remote Window Control (if equipped)

Turns on the remote window control function.

Smart Sliding Door (if equipped)

Set the sliding door to automatically open when you move close to the sliding door carrying your smart key.

Remote Power Doors & Tailgate (if equipped)

Easily open the doors by pressing the unlock button on the smart key for more than 3 seconds.

Digital Keys (if equipped)

You can register or delete a digital key and then see the information of the registered digital key.

Smartphone key (if equipped)

You can register or delete a smartphone key.

Card key (if equipped)

You can register or delete a card key.

Digital Key Information (if equipped)

You can see the serial number of the registered digital key.

Convenience (if equipped)

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

Rear Occupant Alert (if equipped)

Movement is detected by the rear-seat sensor after the doors are locked.

Service Interval (if equipped)

You can set to guide you when to perform the vehicle inspection.

- **Enable Service Interval**: Sets the service inspection interval. When it exceeds, the notification is provided.
- **Distance**: Sets the driving distance for a service.
- **Duration**: Sets the service cycle.
- **Reset**: Initializes the settings for distance and duration.

Oil Change Reminder (if equipped)

Shows the residual life of the engine oil.

Advanced Anti-Theft (if equipped)

You can set to display an alert when any motion is detected inside the vehicle with the vehicle locked.

Wireless Charging System for Mobile Devices (if equipped)

You can set to charge your smartphone wirelessly.

🖉 This feature is available only in smartphones that can be charged wirelessly.

Auto Rear Wiper (in R) (if equipped)

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

Digital Side Mirrors (if equipped)

Configure the digital side mirror view settings.

Vehicle Auto-Shut Off (if equipped)

Set to turn off the engine automatically when the vehicle is left idle in park mode for a set period.

Cabin Ventilation Alert (if equipped)

You can configure notification settings for checking interior temperature and ventilation status when in your vehicle for more than 1 hour after stopping.

Passenger Air Bag (if equipped)

Enable the passenger seat airbag function.

Configuring the sound settings

You can 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 required:

🖉 Press 🔍 and enter a keyword to search for a setting item.

Premium Sound (if equipped)

You can change the system sound settings and apply various sound effects.

Speed Dependent Volume Control

Automatically adjusts Audio volume according to vehicle speed.

Start-up Max. Vol. Limit

You can set to automatically decrease the audio volume to an adequate level when turning on the vehicle.

Adjusting the sound effect (if equipped)

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

🖉 Phone projection is linked with the BT sound effect settings.

🖉 Sound effect can be set separately for each media/broadcasting mode.

🖉 This function is not provided in the sound settings.

Centerpoint 360 (if equipped)

BOSE's surround technology that upmixes stereo sources to deliver a vivid, immersive listening experience. Centerpoint 360 delivers a more immersive soundstage as if you were in the center of the stage from every seat by properly positioning each instrument inside the vehicle with precise sound movement.

Centerpoint 360

Meridian Horizon (if equipped)

It is a technology that converts a stereo source and provides a sense of presence and immersive so that make you feel a part of the performance. It provides three sound effects modes by reconstructing characteristics through each extracted source.

- **Stage**: A sound stage unfolds in front of the vehicle with a clear vocal image.
- **Surround**: Delivers immersive sound that fills the entire vehicle space.
- **Custom**: Customizes the position of the vocal image and the level of immersion.

Stage   Surround   Custom

QuantumLogic Surround (if equipped)

Delivers various sound effects by classifying the location of each instrument in the recorded sound source.

- **Reference**: Delivers true sound focusing on original sound source.
- **Audience**: Delivers an intimate concert experience where the boundaries of the vehicle seemingly disappear which feels like you are in the audience at a concert.
- **On stage**: Delivers a surround-sound experience that puts listeners onstage with their favorite artists, placing individual instruments and musical elements throughout the cabin.

🖉 Vehicles with QuantumLogic Surround level 2 only provide ON/OFF function.

Reference   Audience   On stage

Live Dynamic (if equipped)

By reconstructing the dynamic information of compressed digital audio, it provides various sound effects. It provides three sound effects modes by reconstructing the separated sound signal according to the amount of dynamic change.

- **Reference**: Delivers true sound focusing on original sound source.
- **Natural**: Delivers natural sound through stereo reconstruction of separated sound signal.
- **Concert**: Delivers a sense of space like a concert scene through multi-channel reconstruction.

🖉 Vehicles with Live Dynamic level 2 only provide ON/OFF function.

Position

You can select a position where sound is more audible in the vehicle. By pressing the desired point on the seat image or pressing the arrow buttons, you can finely adjust the position. To concentrate the sound to the center of the vehicle, press ⊕.

Tone

You can adjust the sound by adjusting the strengths (output levels) for each audio band: Bass, Midrange, and Treble.

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

Guidance

Specify the system's guidance voice type, set a certain sound to override other sounds, and configure other guidance sound settings.

Guidance Volumes

You can adjust the volume levels for individual system features or initialise all volume settings.

✎ To initialize all system sound settings, press **Default**.

Radio Noise

You can customize sound quality when listening to FM radio by adjusting background noise of the original sound.

Driver Assistance

You can set to give priority to the proximity warning feature and lower all other sounds when parking your vehicle.

Warning Volume

Sets the volume of the warning sound.

Haptic Warning

Sets the intensity of the steering wheel vibration warning.

Driving Safety Priority

When warning sound is generated while driving, the audio volume decreases to make the sound audible.

Parking Safety Priority

When warning sound is generated while parking, the audio volume decreases to make the sound audible.

Connected Devices

You can adjust the volume of the phone projection and initialize all volume settings.

Android Auto

Vary the volume of your Android smartphone, connected to the system, depending on the function.

🖉 To initialize all system sound settings of the phone projection, press **Default**.

Apple CarPlay

Vary the volume of your iPhone, connected to the system, depending on the function.

🖉 To initialize all system sound settings of the phone projection, press **Default**.

Configuring the device connections settings

You can manage Bluetooth devices or configure their operation settings. You can also activate the phone projection so that you can control the smartphone App on 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 Q and enter a keyword to search for a setting item.

Device Connections

You can register or delete a Bluetooth device from the system and connect or disconnect a registered device.

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

Privacy Mode

Enable or disable Privacy Mode. Hide data including contacts and call history from showing up on the system screen to protect privacy.

🖉 Automatically holds an incoming call if Privacy Mode is on.

Bluetooth System Info

You can see and edit the Bluetooth information of the system.

Phone Projection

You can activate the phone projection connection function to pair your smartphone with the system.

Android Auto Settings

You can activate the Android Auto function to pair your Android smartphone with the system.
▶ See "Pairing to an Android smartphone via Android Auto."

Apple CarPlay Settings

You can activate the Apple CarPlay function to pair your iPhone with the system. ▶ See "Pairing to an iPhone via Apple CarPlay."

Configuring the user profile setting

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

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

1 On the Home screen, press **Setup ▶ User Profile**.

2 Press the user to change its profile.

The User Profile Settings screen appears.

✎ When you log in as guest, you cannot set the profile items additionally. To set a different profile, select another user.

✎ Press ○ and enter a keyword to search for a setting item.

Profile Settings

You can specify the details and operation environment for a registered user.

Name

You can specify the name of the user to display on the profile.

Profile Image

You can specify the image to display on the user profile.

Security

You can set password to use for profile login.

Delete Profile

All stored data and profile settings will be lost and the system will be reset.

Configuring the screen layout settings

You can configure the settings for the display and widgets.

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

1 On the Home screen, press **Setup ▶ Screen Layout**.

The theme/layout settings screen appears.

2 Configure the settings required:

✎ Press 🔍 and enter a keyword to search for a setting item.

Screen Saver

You can select the items to display on the screen saver in standby mode.

Clock

Displays the clock on the system screen saver.

✎ Press ⚙ to choose the clock to show on the screen.

None

Displays nothing on the system screen saver.

Widget

You can specify the items to display on the widgets.

✎ This option is only available when the display supports widgets.

✎ On the screen list, press ≡ on the right and drag the item to reposition.

Configuring the display settings

You can 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 ○ and enter a keyword to search for a setting item.

Illumination

You can set the system brightness to be adjusted according to the ambient lighting conditions or set the screen to stay bright or dimmed.

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

Auto-adjust Brightness (if equipped)

You can set the system brightness to be adjusted according to the ambient lighting conditions. Press ✿ to set the brightness for the day or night mode.

Adjust Manually (if equipped)

You can set the screen to stay bright or dimmed.

Digital Side Mirrors

Adjust the brightness of the digital side mirror.

Driver

Adjust the brightness of the driver digital side mirror.

Passenger

Adjust the brightness of the passenger digital side mirror.

Link to Cluster Illumination Control

You can set the system brightness to be adjusted according to the cluster Illumination control.

Camera Settings (if equipped)

You can configure the screen settings for the driving assist view and set the information to display in the view.

Content Selection (if equipped)

You can set the information to display on the view screen.

- **Extended Rear View Monitor**: You can set to display the rear camera display even when you change the shift position other than "R" (Reverse) after reversing.
- **Rear View Parking Lines**: Displays the parking assist guide lines on the rear view screen.

Display Settings (if equipped)

You can adjust the brightness and contrast of the view screen.

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

Blue Light Filter

Enable blue light filtering to adjust the screen light to reduce the level of eye strain.

Use Blue Light Filter

Enable or disable blue light filtering.

- **Automatic**: Enable blue light filtering based on the ambient light.
- **User-Set Time**: Enable blue light filtering during the set time range.

Adjust Video Color

You can change the display settings during the playback.

✎ This function is enabled only when playing video.

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

Configuring the button settings

You can 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 ▶ Buttons**.

The button settings screen appears.

2 Configure the settings required:

✎ Press ⌕ and enter a keyword to search for a setting item.

Custom Button ☆ (Audio)

You can set the frequently used functions by pressing the custom button on the control panel. Set the frequently used functions as custom buttons to access them easily.

Custom Button ★ (Steering Wheel)

Specify the functions that can be activated by pressing the user button on the steering wheel. Set the frequently used functions as custom buttons to access them easily.

MODE Button

You can select the media mode to run when the [**MODE**] button on the steering wheel is pressed.

[∧]/[∨] Buttons (Steering Wheel)

You can select the function to run when a specific button on the steering wheel is pressed while listening to the radio.

Configuring the Cluster/HUD settings

You can change the Configuring the Cluster/HUD settings.

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

1 On the Home screen, press **Setup ▶ Cluster/Head-Up Display**.

Configuring the Cluster/HUD settings screen appears.

2 Configure the settings required:

🖉 Press 🔍 and enter a keyword to search for a setting item.

Cluster

You can set the data to display on the instrument cluster and the volume and type for guiding beep.

Illumination

You can set the instrument cluster display brightness.

Cluster Theme Selection

Select and apply a theme to the cluster.

3D Cluster

Set the cluster to display information in 3D mode.

Fuel Economy Reset

You can set to automatically initialize the average fuel economy.

- **After Vehicle On**: The average fuel economy is automatically initialize whenever you drive the vehicle.
- **After refueling**: The average fuel economy is automatically initialize whenever you refuel the vehicle.
- **Off**: The average fuel economy initialize is unavailable.

Reset fuel economy

Select which average fuel economy to display on the cluster.

- **At vehicle start**: Displays the fuel economy after engine restart.
- **After refueling**: Displays the fuel economy after refueling.
- **Manually**: Displays the accumulated fuel economy.

Content Selection

You can set the content to display on the instrument cluster.

- **Wiper/Lights Display**: When the wiper or light lever operates, the operation mode appears.
- **Traffic Signs**: Displays the road information such as speed bumps and speed limits.
- **Icy Road Warning**: When the outside temperature drops below 4 °C (39 °F), the possibility of road icing appears.
- **Blind-Spot View Monitor**: Displays the blind spot view on the instrument cluster when the turn signal lamp is operating (if equipped).

Cluster Voice Guidance Volume

You can adjust the voice guidance volume of the cluster.

Welcome Sound

You can set to generate the notification sound when turning on or off the instrument cluster.

Tachometer Display

You can set to display the tachometer display on the instrument cluster.

Head-Up Display

You can set to use the head-up display that displays information such as driving speed and road-related information while driving.

Enable Head-Up Display

Can determine whether or not to use the head-up display.

Display Adjustment Control

Adjust the height, rotation, and brightness of the head-up display.

Content Selection

Select the items to display on the head-up display.

Configuring the general system settings

You can configure general settings for date, time, language, and the like. You can also check information of the system.

✏ 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 🔍 and enter a keyword to search for a setting item.

SW Info/Update

You can see the versions of system components. You can also update the system to the latest version.

✏ For details on how to update the system software using a USB storage device, refer to the following: ▶ See Navigation Update website.

System Info

You can check the system storage space. You can also use your smartphone to access the online user's manual of the system.

Storage

You can check the storage space of the system memory where voice memos can be saved.

What's New

You can see the latest system update information.

✎ After update is completed, the system will display the main update items on the screen. Scan the QR code to view the update announcement.

Date & Time

You can set the system date and time automatically or manually. You can also set the time display mode.

Automatic Time Setting

Based on the current position, it sets the system date and time automatically.

✎ To manually set the date and time, uncheck **Automatic Time Setting**, press the **Date & Time Settings** below **Automatic Time Setting**.

Time Format

Change the system time display format.

Daylight Saving Time

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

Language

You can set the system display language.

✎ Once the language has been changed, it takes a while to apply the new language to the system. The notification pop-up window appears as soon as the new language is applied to the system. When you wait a while or press anywhere outside the pop-up window, the window automatically disappears.

✎ 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

You can change the keyboard type for each language to use when entering the text.

English-Latin Keyboard Type

You can select the keyboard type to use when entering the English text.

Arabic Keyboard Type

You can select the keyboard type to use when entering the Arabic text.

Default Keyboard Type

You can select the default keyboard type.

Units (if equipped)

You can specify the units to display on the system screen.

Temperature Unit (if equipped)

You can select the temperature unit to display on the screen.

Fuel Economy Unit (if equipped)

You can select the unit for fuel economy to display on the screen.

✎ The displayed unit for fuel economy may differ depending on the vehicle fuel type.

Tire Pressure Unit (if equipped)

You can select the unit for tire pressure to display on the screen.

Media Options

You can set the media player not to start automatically when starting the engine or set it to notify you of any information changes during media playback.

Media Off at Vehicle Startup

You can set the media player not to start automatically when starting the engine.

Continue to Play Media when Vehicle Is Turned Off

Turn on this mode to keep the system power supply for a certain period of time after the engine is turned off.

Reset

You can reset your system settings to the default values.

✎ You can also initialize all settings of the login profile.

10 Appendix

Possible causes and solutions

When you encounter a system trouble, see the following table to check and resolve the issue.
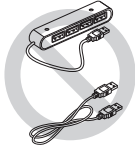
When the trouble persists even after taking the suggested actions, contact the company's service center or service agency.

Sound and display issues

Symptom	Possible cause	Solution
A blank screen appears and sound is not audible.	The system is turned off.	• Check that the start switch is in "ACC" or "ON". • Press the Power button on the control panel to turn on the system.
	Sound volume is too low.	Use the Volume knob on the control panel to adjust the volume.
	Sound is muted.	Press the Mute button on the steering wheel to unmute.
Sound is audible from only one side of the speakers.	Sound is imbalanced.	On the Home screen, navigate to **Setup ▶ Sound** and use the settings menu to adjust the sound balance.
The sound is cut off or noise is heard.	Vibration occurs in the system.	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.

Symptom	Possible cause	Solution
The image quality is poor.	Screen adjustment is required.	On the Home screen, navigate to **Setup ▶ Display** and use the settings menu to adjust the display settings.
	Vibration occurs in the system.	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.
	The display is aged or the system performance is degraded.	When the symptom persists, contact service center or service agency.
Small red, blue, and green dots are shown on the screen.		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	Possible cause	Solution
Files in a USB device cannot be played.	There are no compatible files for playback.	Copy the files that can be played by the system to the USB device and connect the device again. ▶ See "USB mode."
	Poor connection is found.	Remove the USB device from the USB port and then reconnect it properly.
	The USB device is dirty.	Remove foreign materials from the surface that contacts the USB device and USB port.
	A USB hub or extension cable is used.	Connect the USB device directly to the USB port on the vehicle.
	The USB device is non-standard.	Use a USB device that is compatible with the system. ▶ see "USB mode."
	The USB device is damaged.	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	Possible cause	Solution
The system is not detected by a Bluetooth device.	Registration mode needs to be run.	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."
The Bluetooth device is not connected.	The Bluetooth function should be activated.	Activate the Bluetooth function on the Bluetooth device to connect.
	Any error occurs while using the Bluetooth function.	• Turn the Bluetooth function OFF / ON on the Bluetooth device and then connect the device again. • Turn the Bluetooth device off and on 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	Possible cause	Solution
The phone projection function is not performed when a smartphone is connected using a USB cable.	Phone projection is not supported.	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/kr/ios/carplay
	The function is inactive.	• On the Home screen, navigate to **Setup ▶ Device Connections** and activate the connection function from the Phone Projection Settings menu. • Make sure that the phone projection is not disabled in the App settings or block-out settings on your smartphone.
	Smartphone is encountered with poor operation or malfunction.	• 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. • When the smartphone is locked, first unlock it. • Initialize the smartphone and connect the device again.
A black screen appears when the phone projection is activated or in use.	The smartphone malfunctions.	• Remove the USB cable from the smartphone and connect the device again. • Initialize the smartphone and connect the device again.

System operation-related issues

Symptom	Possible cause	Solution
The previous media mode does not appear when the system is turned off and on.	It is encountered with poor media connection or playback error.	When the media source is not connected or played normally, the previous mode appears. Connect the media source again or play it again.
The system slows down or does not operate at all.	An internal error occurs in the system.	• Restart the system by pressing the reset button with a sharp object such as pen or clip. • Update the system software to the latest version. ▶ See Navigation Update website • When the symptom persists, contact service center or service agency.
The system is not turned on.	Fuse-related issues	• Visit an auto service shop and replace the fuse with a new one of appropriate capacity. • When the symptom persists, contact service center or service agency.

System status indicator icons

You can see the system status by checking the status indicator icons at the top right of the system screen.

Different status indicator icons appear when each function is performed. The meanings of the icons are as follows:
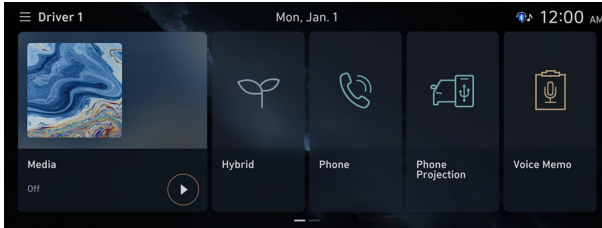
✎ The screen may differ depending on the vehicle model and specifications.

Mute/memo recording ◁ᴵ

Audio 🔇	Radio/Media sound muted
🎙	Recording a voice memo

Bluetooth/call ✦

✦🎧	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

	Downloading the update file
	Scheduling the update
	Updating in the background

Available functions in the rear seat (if equipped)

	Rear-seat remote control locked
	Rear-seat sleep mode On

FAQ

Bluetooth

Q   Which functions can I use via Bluetooth?

A   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 MP3 player or mobile phone.
► See "Making a call via Bluetooth", "Playing music via Bluetooth."

Q   How can I register a Bluetooth device?

A   On the Home screen, press **Setup ► Device Connections ► Device Connections ► Add New**. 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 number displayed on the system. Then the device is added to the list of Bluetooth devices in the system and automatically connected to the system. ► See "Connecting a Bluetooth device."

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

A   An additional device can be registered in the same way as in registration of a new device. You can register up to 6 devices in the list of Bluetooth devices. To delete a previously registered device, press **Delete Device(s)** from the list of Bluetooth devices, select the device to delete, and then press **Delete**. ► See "Deleting a registered device."

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

A   Approve 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 👤 on the call 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

Q I turned on the radio while driving but I heard no sound but noise.

A 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 films.

Q DMB broadcast is not received.

A DMB playback is prohibited to ensure safety while driving. Make sure you watch DMB broadcast when the vehicle is stationary.

Radio signal strength depends on the location and obstacles can affect the signal reception. Noise may occur due to radio waves emitted from a mobile phone, black box, or other electronic devices in the vehicle. When reception is poor, press **Refresh** on the DMB screen to search the channels again.

Self-inspection method upon failure

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

A Inspect the system after referring to Troubleshooting Guide. ▶ See "Possible causes and solutions."

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

When the symptom persists, contact service center or service agency.

Product specifications

Media player

USB mode

▎Music files

Item	Specifications	
File format	MPEG-1/2 Layer3, OGG (Vorbis), FLAC, WMA (Standard/Professional), WAV	
Bit-rate and sampling frequency	MP3	8–320 kbps (CBR/VBR), up to 48 kHz (ID3 tag version: Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3, Ver. 2.4)
	OGG	Q1–Q10, up to 48 kHz
	FLAC	8/16/24-bit, up to 48 kHz
	WMA	Standard (0x161): up to L3 Profile, up to 385 kbps, up to 48 kHz
		Professional (0x162): up to M0b, up to 192 kbps, up to 48 kHz
	WAV	8/16-bit, up to 48 kHz
Specification details	Max. number of directory layers: 20 layers	
	Max. folder/file name length: 255 Bytes	
	Valid characters that can be used in a folder/file name: 2,350 Alphanumeric characters/4,888 Chinese characters	
	Max. number of folders: 2,000 (including the root)	
	Max. number of files: 8,000 Channels	

Video files

Item	Specifications
File format	AVI, MPEG, WMV
File extension	avi, mpg, mpeg, mp4, wmv, asf
Resolution	1920 x 1080
Video codec	XviD, MPEG-1/4, H264, WMV9
Audio codec	MP3, OGG, WMA
Subtitle	SMI, SRT

⬦ The following files are not played.

Modified files (format-changed files)

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

⬦ When a trouble 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 KB or less
Format system	FAT16/32 (recommended), exFAT, NTFS

⬦ With the 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.

✎ Problems that are caused by using USB storage devices (not specified in the following list), are not covered by the warranty.

Product name	Manufacturer
XTICK	LG
BMK	BMK Technology
SKY-DRV	Sky Digital
TRANSCEND JetFlash	TranScend
Sandisk Cruzer	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	DIGI Works

✎ 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 not be played.

Common specifications

Item	Specifications
Power supply	DC 14.4 V
Operating voltage	DC 9-16 V
Dark current	Below 1 mA in average within 45 days
Operating temperature range	-20 to +70 °C
Storage temperature range	-40 to +85 °C
Electric current consumption	2.5 A

Trademarks

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- Apple®, Apple CarPlay™, iPad®, iPad mini™, iPhone®, iPod®, iPod classic®, iPod nano®, iPod touch®, iTunes®, and Siri® are trademarks of Apple Inc.

- Other trademarks and trade names are those of their respective owners.

Open Source Information

This system contains open source software.

To obtain the source code developed under the open source license installed on this product, please visit https://www.mobis.co.kr/kr/tech/rnd.do#open.

You can download all applicable license notices, including the source code.

If you send an e-mail to MOBIS_OSSrequest@mobis.co.kr within three years of purchasing this product to request an open source code for the software on this product, you will receive it in CD-ROM and other storage mediums with minimal charge, such as costs for medium and transportation.

FCC Certification

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

ISED Notices

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-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.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum 20 cm between the radiator and your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter unless authorized to do so by the ISED.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil est conforme aux limites d'exposition aux rayonnements de l'ISDE pour un environnement non contrôlé.
L'antenne doit être installée de façon à garder une distance minimale de 20 centimètres entre la source de rayonnements et votre corps.
L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenne ou autre émetteur, à moins d'y être autorise par l'ISDE.