

Configuring the general system settings (Type2)

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

- 1 On the All Menus screen, press **Setup ▶ General**.
The general settings screen appears.

- 2 Configure the settings required:

✎ Press **≡ ▶ Search for Settings** or press **🔍** and enter a keyword to search for a setting item. You can also search for a setting item by voice.

SW Info/Update

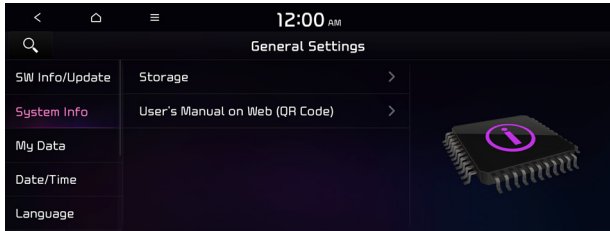
You can see the versions of system components. You can also update the system to the latest version.



✎ For details on how to update the system software: ▶ see "How to Update the Map and Software for your Infotainment System."

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.

User's Manual on Web (QR Code)

You can access the online user's manual of the system by scanning the QR code with your smartphone.

My Data

You can import location data from a USB device to the system, or export the data on the system to a USB device.

✎ When importing or exporting the location data, you can use only the USB device formatted in exFAT, FAT16/32 or NTFS.



Import Address Book/Previous Destinations from USB

You can import registered location and destination information, saved on your USB storage device, to the system.

- ✎ Previous information saved on the system will be deleted.
- ✎ While importing from a navigation system that uses a different coordinate system, the locations may appear differently.

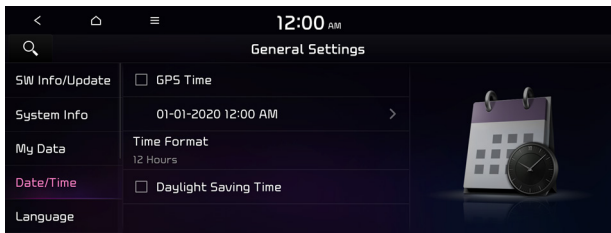
Export Address Book/Previous Destinations to USB

You can export registered location and destination information, saved on the system, to your USB storage device.

✎ Previous information saved on the USB storage device will be deleted.

Date/Time

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



GPS Time

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

 To manually set the date and time, uncheck **GPS Time**, press the current date and time below **GPS Time**, and then set the date and time.

Time Format

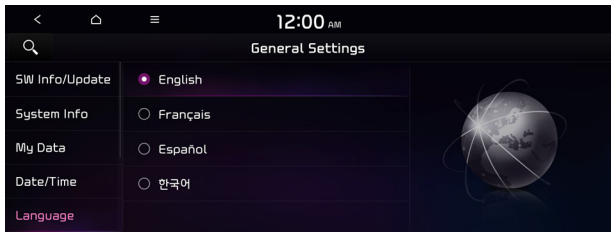
Change the system time display format.

Daylight Saving Time

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

Language

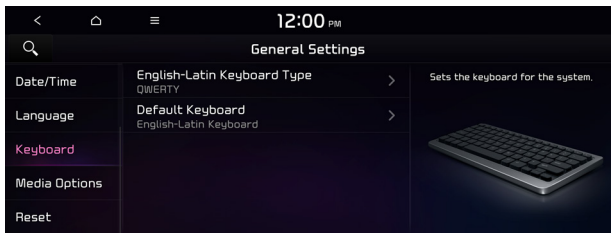
You can set the system display language.



- ✎ 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

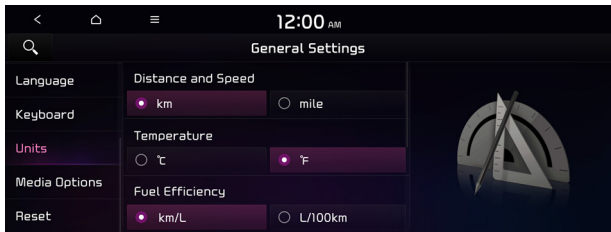
You can select the keyboard type to use when entering the English text.

Default Keyboard

You can select the default keyboard type.

Units (if equipped)

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



Distance and Speed

You can select the units for distance and vehicle speed to display on the screen.

Temperature

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

Fuel Efficiency

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

Tire Pressure

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

Torque (if equipped)

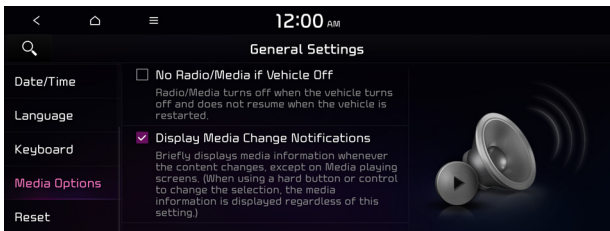
You can select a torque unit to display on the system screen.

Turbo Boost (if equipped)

You can select a turbo boost unit to display on the system screen.

Media Options (if equipped)

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.



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

No Radio/Media if Vehicle Off

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

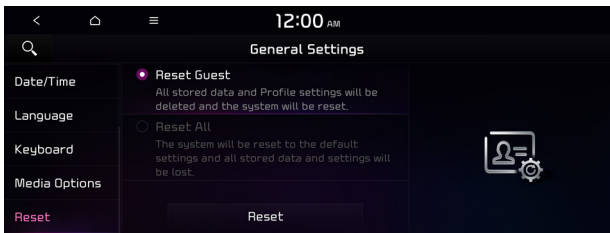
Display Media Change Notifications

You can set the system to briefly display media information at the top of the screen if the current song or channel changes when not on the main media screen.

Reset

You can initialize all system settings.

 You can also initialize all settings of the login profile.



Caution

- When initialization is performed, all user data in the system including the location data is deleted.
- When phone projection is active, you cannot reset the system settings. To reset the settings, remove the USB cable from your system.

Configuring the screen theme/layout settings (Type2) (if equipped)

You can configure the settings for the display and themes.

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

1 On the All Menus screen, press **Setup ► Screen Theme/Layout**.

The theme/layout settings screen appears.

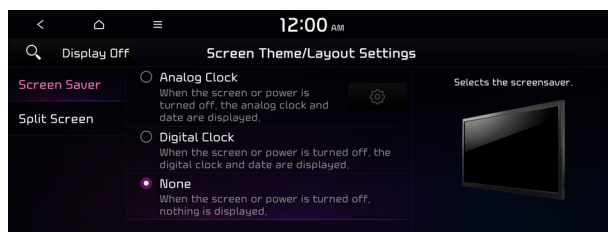
2 Configure the settings required:

 Press  ► **Search for Settings** or press  and enter a keyword to search for a setting item. You can also search for a setting item by voice.

 If you press **Display Off** at the top of the screen, the screen is switched off. To switch the screen back on, press the screen or briefly press the power button.

Screen Saver

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



Analog Clock

Displays the analog clock on the system screen saver.

 Press  to choose the Analog Clock to show on the screen.

Digital Clock

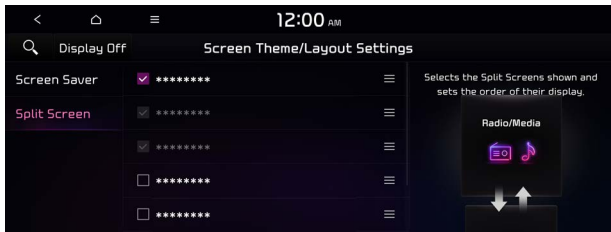
Displays the digital clock on the system screen saver.

None

Displays nothing on the system screen saver.

Split Screen

You can specify the items to display on the Split Screen.



- ✎ This option is only available when the display supports Split Screen.
- ✎ On the screen list, press  on the right and drag the item to reposition.

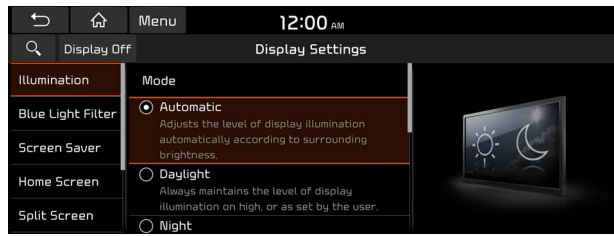
Configuring the display settings (Type1)

You can change the system display settings such as display brightness.

- 1 On the All Menus screen, press **Setup ► Display**.
The display settings screen appears.
- 2 Configure the settings required:
 - ✎ Press **Menu ► Search for Settings** or press  and enter a keyword to search for a setting item. You can also search for a setting item by voice.
 - ✎ If you press **Display Off** at the top of the screen, the screen is switched off. To switch the screen back on, press the screen or briefly press the power button.

Illumination

You can set the system to automatically adjust the display brightness depending on the ambient light intensity. You can also set the system to keep the display bright or dark all the time. You can set to automatically adjust the display brightness depending on the cluster illumination. You can also set the level of display brightness to use while using the daytime or night mode.



Mode

- **Automatic:** The display brightness is automatically adjusted based on the surrounding environment.
- **Daylight:** It keeps the display always bright regardless of the surrounding environment.
- **Night:** It keeps the display always dark regardless of the surrounding environment.

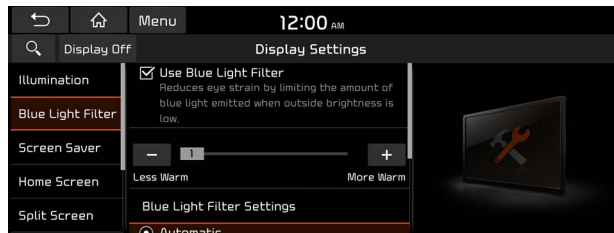
Illumination

- **Link to Cluster Illumination Control:** The display brightness is automatically adjusted based on the cluster illumination.
- **Daylight:** You can set the display brightness when **Daylight** is selected under **Mode**. Uncheck **Link to Cluster Illumination Control** and then set to the desired brightness.
- **Night:** You can set the display brightness when **Night** is selected under **Mode**. Uncheck **Link to Cluster Illumination Control** and then set to the desired brightness.

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

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.

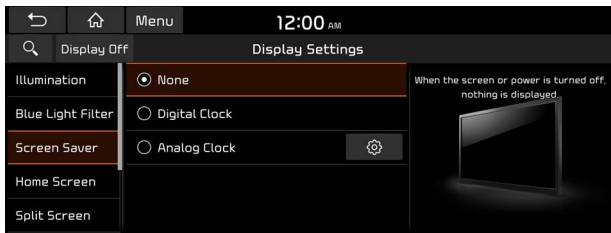
Blue Light Filter Settings

Set to activate blue light filtering automatically based on the ambient light or pick the time range manually.

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

Screen Saver

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



None

Displays nothing on the system screen saver.

Digital Clock

Displays the digital clock on the system screen saver.

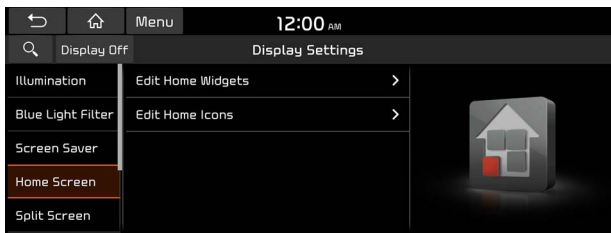
Analog Clock

Displays the analog clock on the system screen saver.

 Press  to choose the Analog Clock to show on the screen.

Home Screen

You can change the layout of the Home screen.



Edit Home Widgets

You can edit the types and arrangement of home widgets.

 For more information: ► see "Editing the widgets on the Home screen (Type1)."

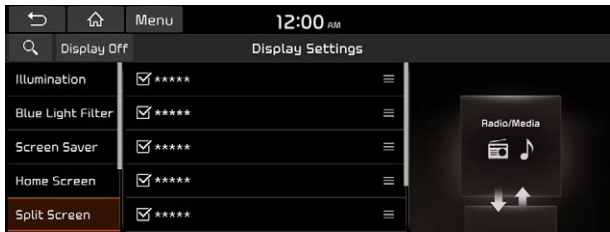
Edit Home Icons

You can edit the arrangement of home icons.

 For more information: ► see "Editing the icons on the Home screen (Type1)."

Split Screen

You can specify the items to display on the Split Screen.



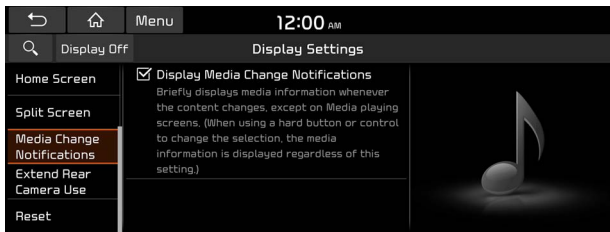
 The screen may differ depending on the vehicle model and specifications.

 This option is only available when the display supports Split Screen.

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

Media Change Notifications

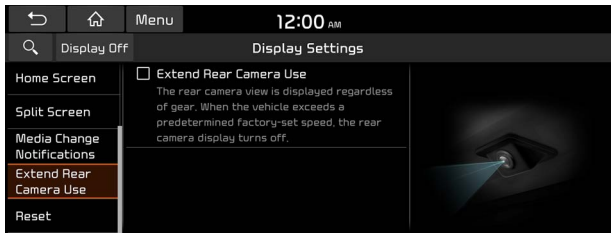
You can set to briefly display media information at the top of screen while playing the next item when you move from the media player screen to another.



Extend Rear Camera Use

You can set to display the rear camera display even when you change the shift position other than "R" (Reverse) after reversing.

✎ When you shift to "P" (Park) or drive at a predetermined speed or faster, the rear view display disappears to display the previous screen.



Reset

You can initialize all display settings such as brightness.



Configuring the display settings (Type2)

You can change the system display settings such as display brightness.

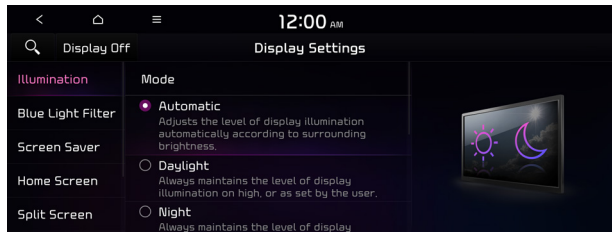
- 1 On the All Menus screen, press **Setup ► Display**.
The display settings screen appears.
- 2 Configure the settings required:
 - ✎ Press **≡ ► Search for Settings** or press **🔍** and enter a keyword to search for a setting item. You can also search for a setting item by voice.
 - ✎ If you press **Display Off** at the top of the screen, the screen is switched off. To switch the screen back on, press the screen or briefly press the power button.

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. You can also set to automatically adjust the display brightness depending on the cluster illumination.



Option A



Option B

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

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.

Mode (if equipped)

- **Automatic:** The display brightness is automatically adjusted based on the surrounding environment.
- **Daylight:** The display brightness is adjusted to ensure that items are easier to see when the surrounding area is bright.
- **Night:** The brightness is adjusted to prevent glare when the surrounding area is dark.

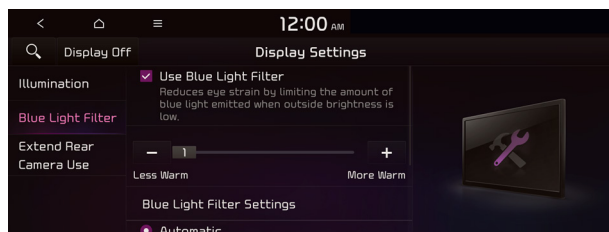
Illumination (if equipped)

- **Link to Cluster Illumination Control:** The display brightness is automatically adjusted based on the cluster illumination.
- **Daylight:** You can set the display brightness when **Daylight** is selected under **Mode**. Uncheck **Link to Cluster Illumination Control** and then set to the desired brightness.
- **Night:** You can set the display brightness when **Night** is selected under **Mode**. Uncheck **Link to Cluster Illumination Control** and then set to the desired brightness.

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

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.

Blue Light Filter Settings

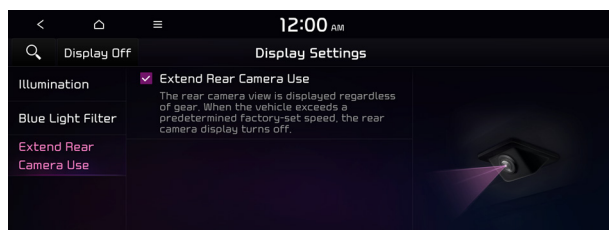
Set to activate blue light filtering automatically based on the ambient light or pick the time range manually.

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

Extend Rear Camera Use

You can set to display the rear camera display even when you change the shift position other than "R" (Reverse) after reversing.

 When you shift to "P" (Park) or drive at a predetermined speed or faster, the rear view display disappears to display the previous screen.



Screen Saver (if equipped)

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



Analog Clock

Displays the analog clock on the system screen saver.

 Press  to choose the Analog Clock to show on the screen.

Digital Clock

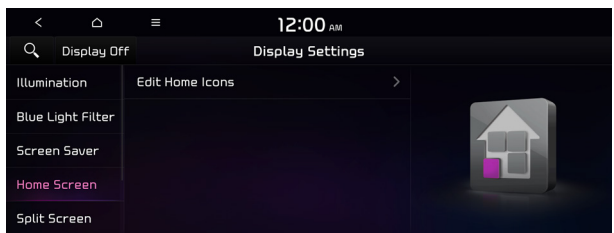
Displays the digital clock on the system screen saver.

None

Displays nothing on the system screen saver.

Home Screen (if equipped)

You can rearrange the icons displayed on the All screen.



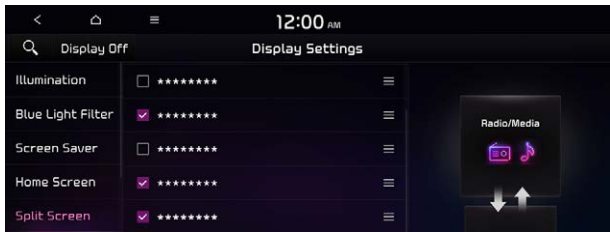
Edit Home Icons

You can edit the arrangement of home icons.

 For more information: ► see "Editing the icons on the Home screen (Type2)."

Split Screen (if equipped)

You can specify the items to display on the Split Screen.



- ✎ The screen may differ depending on the vehicle model and specifications.
- ✎ This option is only available when the display supports Split Screen.
- ✎ On the screen list, press  on the right and drag the item to reposition.

Media Change Notifications (if equipped)

You can set to briefly display media information at the top of screen while playing the next item when you move from the media player screen to another.



Configuring the media settings (Type1)

(if equipped)

Set to receive a notification when the information changes during playback or to include sub-folders when playing a folder on repeat.

1 On the All Menus screen, press **Setup ► Media**.

The media settings screen appears.

2 Configure the settings required:

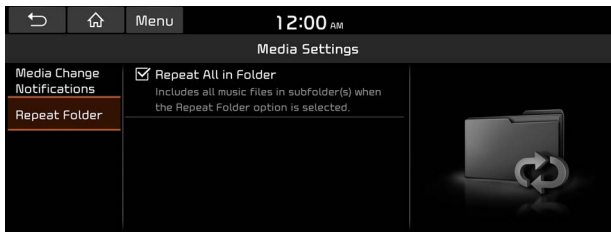
Media Change Notifications

You can set to briefly display media information at the top of screen while playing the next item when you move from the media player screen to another.



Repeat Folder

You can set to include sub-folders when playing a folder on repeat.



How to Update the Map and Software for your Infotainment System

To ensure you are maximizing the full potential of your navigation system, we advise updating the map and software annually. To update, visit the map update website and install the Navigation Updater program onto your PC. Use the program to download and install the latest map, points of interest, and software. Alternatively, you can visit your local dealership to update.



Caution

- It may take a while (tens of minutes) to finish the system update depending on the amount of data.
 - Never turn off the system or remove the storage before finishing the system update. When the system is turned off or the storage device is removed from the system while updating, it may cause data or system damage.
- ✍ After update is completed, the system automatically restarts and the SW Info/Update screen displays the updated version.
- ✍ During update, you cannot use the navigation system, UVO service, camera, and infotainment system.
- ✍ For assistance concerning the update, contact the Customer Center at 800-333-4KIA(4542).
- ✍ Changes are not applied to the map after creation of all update files. For this reason, road names, POI names, speed limits, or other map information displayed, may not be the latest values due to the creation time of the update files.

Updating via a USB device

Install the Navigation Updater on your PC and then download the latest data to a USB device for update to the navigation map and infotainment system.

Installing Navigation Updater

On your PC, visit the website at <http://update.kia.com/us> to download and install the Navigation Updater software.

- ✍ For system requirements for installing the program and details on how to install it, visit the website.

Updating the software and map

- 1 Connect a USB device to the computer and run Navigation Updater for downloading the update files.
- 2 Follow the instructions on the screen to download the update files.
- 3 Remove the USB device from the computer and then connect it to the USB port in your vehicle.
- 4 Start the vehicle to turn on the system.

 You can perform update without starting the vehicle by simply locating the start switch to "ON".



Caution

- Perform update with the start switch "ON" when the battery is sufficiently charged by driving the vehicle. When the battery is discharged while updating, the system may get damaged with the update stopped.
 - Note that the battery may be discharged easily in winter.
 - The battery may also be discharged easily when the vehicle is not used for a long time. Caution is required.
- When you start the vehicle while updating with the start switch "ON", power supply to the system may be cut off.

- 5 On the All Menus screen, press **Setup ► General ► SW Info/Update**.

 After the system is turned on, press **Yes** when a pop-up window appears whether to proceed with update. In this case, the screen changes to allow you to select the update method.

Updating immediately

You can finish the update quickly.

- 1 On the **SW Info/Update** screen, press **Update**.
- 2 Press **Update Now**.
- 3 Press **OK**.

The update is performed immediately after the system reboots.

■ Background Update

You can perform update while using the system.

- 1 On the **SW Info/Update** screen, press **Update**.
- 2 Press **Background Update**.
- 3 Press **OK**.

✍ Compared to Update Now, it may take longer.

✍ On the All Menus screen, press **Setup ► General ► SW Info/Update** to see the update progress.

✍ It is possible to start background updates only when the vehicle is on.

✍ It is possible to continue to perform updates even after turning off the vehicle while updates are in progress. On the notification window displayed when the vehicle is turned off, press **Update** to perform the remaining updates to complete the process successfully. For later update, press **Later**.

✍ If the update process is not completed, a notification window appears asking if you want to perform updates each time you turn off the vehicle.

✍ All system functions, including the rear view camera, are disabled while updates are in progress.

■ Scheduling the update

When you set for scheduled update after downloading the latest data, the navigation map and infotainment system can be updated while not using the vehicle.

- 1 On the **SW Info/Update** screen, press **Update**.
- 2 Press **Install after Turning Off the Ignition**.
- 3 Set the update time and press **OK**.

When scheduling the update is finished, the status indicator icon appears.

✍ You can set to start the update within 12 hours or less after the vehicle is stopped.

- 4 Turn off the vehicle (ACC Off).

- ✎ Make sure that a USB device with update files is connected to the system before turning off the vehicle.
- ✎ When you set the update time to "0", the update notification window appears and then the update starts.
 - To close the notification window and proceed with the update, press **Yes**.
 - To cancel the update, press **No**.
- ✎ Once the update has started, you cannot cancel it. After the update, the system automatically turns off.
- ✎ When you start the vehicle, the update complete notification appears to show the update result. After update is completed, the SW Info/Update screen displays the updated version.
- ✎ When you turn on the system while updating, you can see its progress.
- ✎ Scheduled update is canceled when:
 - Low battery is detected when turning off the vehicle.
 - The storage device with the update files is disconnected.
 - The vehicle is started before the update scheduled time.
 - The system has been turned off for more than 3 minutes with the vehicle turned off.

MEMO



10

Driver assistance

Driver Assistance



Driver Assistance (if equipped)

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

1 On the All Menus screen, press **Setup ► Vehicle ► Driver Assistance**.



ⓘ The screen may differ depending on the vehicle model and specifications. Refer to the car owner's manual for details of the function.

2 Configure the settings required:

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.

SCC Reaction (if equipped)

Adjusts the responsiveness of Smart Cruise Control to the acceleration of a leading vehicle.

Smart Cruise Control (if equipped)

Sets the properties of the Smart Cruise Control.

Driving Convenience (if equipped)

Sets the properties of Driving Convenience system.

- ✎ The Driving Convenience system operates based on the information from the navigation system so you must use the system only when the navigation system operates properly.

Highway Driving Assist (if equipped)

Assists driving in a highway according to the set speed and distance to the leading vehicle while keeping the vehicle centered in the lane.

- ✎ The highway driving assist system operates only on a highway. When the vehicle exits from the highway, the system is turned off automatically.

Highway Auto Speed Zone Slowdown (if equipped)

Automatically decelerates in a highway speed enforcement zone.

- ✎ The highway auto speed zone slowdown system operates only on a highway. When the vehicle exits from the highway, the system is turned off automatically.
- ✎ It operates considering the speed cameras located on the selected route.

Highway Auto Curve Slowdown (if equipped)

Automatically decelerates in a highway curve zone.

- ✎ It operates based on the curve zones on the route. When the destination is not set, it operates based on the curve zones on the expected path.

Highway Auto Speed Change (if equipped)

Automatically adjusts the vehicle speed on a highway based on navigation data.

Speed Limit (if equipped)

Sets the properties of the Speed Limit system.

Speed Limit Offset (if equipped)

Adjusts the offset amount of the speed limit.

Speed Limit Assist (if equipped)

Adjusts the vehicle set speed based on the current speed limit of the road.

Speed Limit Warning (if equipped)

Provides a warning when the speed limit is exceeded.

Off (if equipped)

Disables the Speed Limit functions.

Warning Timing (if equipped)

Sets the timing of the warning.

Warning Volume (if equipped)

Sets the volume of the warning sound.

Haptic Warning (if equipped)

Sets the intensity of the steering wheel vibration warning.

Driver Attention Warning (if equipped)

Sets the properties of the Driver Attention Warning system.

Leading Vehicle Departure Alert (if equipped)

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.

Inattentive Driving Warning (if equipped)

Provides a warning when signs of driver inattentiveness are detected, and recommends a rest if needed.

Safety Notice Call (if equipped)

When abnormal driving is detected, a Connected Services Center representative will call to check on your safety.

Forward Safety (if equipped)

Sets the properties of the Forward Safety system.

Forward Cross-Traffic Safety (if equipped)

Provides a warning and emergency braking when a risk of forward cross-traffic collision is detected.

Active Assist (if equipped)

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 (if equipped)

Provides a warning when a risk of forward collision is detected.

Off (if equipped)

Disables the Forward Safety functions.

Lane Safety (if equipped)

Sets the properties of the Lane Safety system.

Assist (if equipped)

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.

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

Warning Only (if equipped)

Provides a warning when the vehicle leaves the lane without operating the turn signal switch.

Off (if equipped)

Disables the Lane Safety functions.

Blind-Spot Safety (if equipped)

Sets the properties of the Blind-Spot Safety system.

Blind-Spot View (if equipped)

Displays the blind-spot view in the cluster when operating the turn signal switch.

Safe Exit Assist (if equipped)

Provides a warning and door control when an approaching vehicle is detected in the vehicle's blind spot.

Safe Exit Warning (if equipped)

Provides a warning when an approaching vehicle is detected in the vehicle's blind spot.



Warning

- 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 (if equipped)

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 (if equipped)

Provides a warning when a risk of blind-spot collision is detected

Off (if equipped)

Disables Blind-Spot Safety function.

Parking Safety (if equipped)

Sets the properties of the Parking Safety systems.

Rear Cross-Traffic Safety (if equipped)

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.

Camera Settings (if equipped)

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 of the phone projection, press **Reset**.

Surround View Monitor Auto On (if equipped)

Automatically activates Surround View Monitor when Parking Distance Warning is active.

Parking Distance Warning Auto On (if equipped)

Automatically activates Parking Distance Warning when traveling at low speeds.

Rear Active Assist (if equipped)

Provides a warning and emergency braking when a risk of rear collision is detected while reversing.

Rear Warning Only (if equipped)

Provides a warning when a risk of rear collision is detected while backing up.

Off (if equipped)

Disables Parking Safety functions.



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.

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Appendix

Solutions

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Solutions

Before reporting a malfunctioning system, refer to the following table and see if you can identify and fix the problem. If the problem persists or you are unable to locate your specific need, contact your place of purchase or dealer.

Sound and display

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 All Menus 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 All Menus 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.	If the problem persists, contact your place of purchase or dealer.
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

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

Symptom	Possible cause	Solution
The system is not detected by a Bluetooth device.	Registration mode needs to be run.	On the All Menus 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

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: http://www.apple.com/ios/carplay
	The function is inactive.	• On the All Menus 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

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. - If the problem persists, contact your place of purchase or dealer.
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. - If the problem persists, contact your place of purchase or dealer.

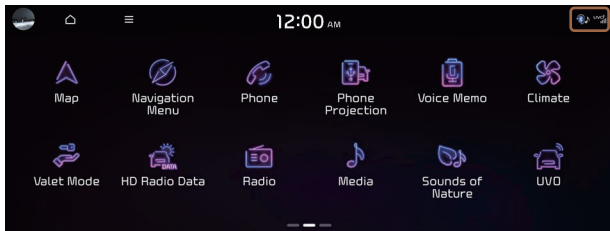
Navigation system operation

Symptom	Possible cause	Solution
The destination is not searched.	Outdated map data	Update the map to the latest version. ► See "How to Update the Map and Software for your Infotainment System."
Route guidance of the navigation system does not match the actual road conditions.	Outdated map data	Update the map to the latest version. ► See "How to Update the Map and Software for your Infotainment System."
	There have been changes in the road after a map update.	Route guidance of the navigation system may not match the actual road conditions even after the map is updated to the latest version because the update depends on the creation date. Be sure to drive according to actual road conditions and regulations.
Guidance is made by bypassing the route or the speed camera alerts are not followed.	The update for the system and map data is required.	Update the map to the latest version. ► See "How to Update the Map and Software for your Infotainment System."
The real-time traffic information is not received.	Poor signal reception	• Reception of traffic information may not be made smoothly in mountain and island areas. Check the reception status again in a region with strong signals. • If the problem persists, contact your place of purchase or dealer.

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:



Mute/memo recording



	Navigation sound muted
	Radio/Media sound muted
	All sound outputs 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

UVO



	Talking with a UVO phone
	UVO phone's microphone off
	UVO network's signal strength
	911 Connect activated

System update



	Scheduling the update
	Updating

Available functions in the rear seat (if equipped)



	Rear-seat remote control locked
	Rear-seat sleep mode On
	Front-seat driver is having a conversation with a rear-seat occupant

Wireless charging



	Wireless charging in progress
	Wireless charging complete
	Wireless charging failure

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

FAQ

Navigation

Q How can I update the map?

A You can download the latest map data to a USB device and use the device to update the map. ► See "How to Update the Map and Software for your Infotainment System."

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

A Select another route after setting the route options. On the map screen, press  ► **Route** ► **Route Options** to change the settings and resume navigation.
► See "Changing the route search criteria."

When the system is not updated, update the software and map and then perform search again. ► See "How to Update the Map and Software for your Infotainment System."

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.", "Listening to music via Bluetooth."

Q How can I register a Bluetooth device?

A On the All Menus screen, press **Setup** ► **Device Connections** ► **Bluetooth** ► **Bluetooth 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.

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 "Solutions."
When the system failure persists after inspection, press and hold the Reset button to reset the system.
If the problem persists, contact your place of purchase or dealer.

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 to 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 to 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	

- ✎ 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

Radio

Item	Specifications
Available channels	FM: 87.5–107.9 MHz (step: 200 kHz) AM: 530–1710 kHz (step: 10 kHz)
Sensitivity	FM: Within 10 dBuV AM: Within 35 dBuV EMF
Distortion factor	Within 2 %

Bluetooth

Item	Specifications
Frequency range	2400–2483.5 MHz
Supported Bluetooth version	4.1
Supported profiles	Hands-free (1.7), A2DP (1.3), AVRCP (1.6), PBAP (1.1/1.2), MAP (1.2/1.4)
Bluetooth Power Class 2	-6 to 4 dBm
Number of channels	79

LTE RF

Item	Specifications	
LTE	Reception	Frequency: 1930 MHz to 1990 MHz(B2), 2110 MHz to 2155 MHz(B4), 869 MHz to 894 MHz(B5), 746 MHz to 756 MHz(B13)
	Transmission	Frequency: 1850 MHz to 1910 MHz(B2), 1710 MHz to 1755 MHz(B4), 824 MHz to 849 MHz(B5), 777 MHz to 787 MHz(B13)
CDMA	Reception	Frequency: 869 MHz to 894 MHz(BC0), 1930 MHz to 1990 MHz(BC1)
	Transmission	Frequency: 824 MHz to 849 MHz(BC0), 1850 MHz to 1910 MHz(BC1)

Important information

Before using your system, read and follow all instructions and safety information provided in this user's guide ("User's Manual"). Not following precautions found in this guide can lead to an accident or other serious consequences.

Keep this guide in your vehicle

When kept in the vehicle, this guide will be a ready reference for you and other users unfamiliar with the system. Ensure that before using the system for the first time, all persons have access to this guide and read its instructions and safety information carefully.

Warning

Operating certain parts of this system while driving can distract your attention away from the road, and possibly cause an accident or other serious consequences. Do not change system settings or enter data non-verbally (using your hands) while driving. Stop the vehicle in a safe and legal manner before attempting these operations. This is important since setting up or changing some functions as you drive may distract your attention away from the road and removing your hands from the steering wheel may cause you to lose control of the vehicle.

General operation

Voice command control

Features within the system may be executed using only voice commands. Using voice commands while driving allows you to operate the system without removing your hands from the steering wheel.

Prolonged views of screen

Do not access any function requiring a prolonged view of the screen while you are driving. Pull over in a safe and legal manner before attempting to access a function of the system requiring prolonged attention. Even short views of the screen may be hazardous if your attention has been diverted away from your driving.

Volume setting

Do not raise the volume excessively. Keep the volume at a level where you can still hear outside traffic and emergency signals while driving. Driving while unable to hear these sounds could cause an accident.

Navigation features

Navigation features included in the system are intended to provide detailed instructions to get you to a desired destination. Ensure that all persons using this system carefully read and follow all instructions on safety information.

Distraction hazard

Some navigation features may require manual (non-verbal) setup. Attempting to perform such setup or inputting data while driving can seriously distract your attention and could cause an accident. Stop the vehicle in a safe and legal manner before attempting these operations.

Let your judgment prevail

Any navigation features are provided only as an aid. Make your driving decisions based on your observations of local conditions and existing traffic regulations. Any such feature is not a substitute for your personal judgment. Any route suggestions made by this system should never replace any local traffic regulations or your personal judgment or knowledge of safe driving practices.

Route safety

Do not follow the route suggestions if doing so would result in an unsafe or illegal maneuver, if you would be placed in an unsafe situation, or if you would be directed into an area that you consider unsafe. The driver is ultimately responsible for the safe operation of the vehicle and must evaluate whether it is safe to follow the suggested directions.

Potential map inaccuracy

Maps used by this system may be inaccurate because of changes in roads, traffic controls or driving conditions. Always use good judgment and common sense when following the suggested routes.

Emergency services

Do not rely on any navigation features included in the system to direct you to emergency services. Ask local authorities or an emergency services operator for these locations. Not all emergency services such as police, fire stations, hospitals and clinics are contained in the map database for navigation features.

Use of speech recognition functions

Speech recognition software is inherently a statistical process which is subject to errors. It is your responsibility to monitor any speech recognition functions included in the system and address any errors.

Trademarks

- **Bluetooth® Wireless Technology**



A compatible Bluetooth® Wireless Technology-enabled cell phone is required to use Bluetooth® Wireless Technology. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Kia is under license. Other trademarks and trade names are those of their respective owners. A Bluetooth® enabled cell phone is required to use Bluetooth® Wireless Technology. Bluetooth® Wireless Technology phone compatibility can be checked by visiting <https://www.kia.com>.

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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. Distracted driving can result in a loss of vehicle control. Never use a handheld device or vehicle system that takes your focus away from safe vehicle operation.
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- 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 <http://en.mobis.co.kr/opensource/list.do>.

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 Warning

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.

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.

Caution: Any changes or modifications to this device not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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 collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.