

- 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. For updated information, refer to the latest user's manual provided at the company website (<http://www.kia.com>).
- Functions and services in this manual may differ from those in the actual vehicle. For more details, refer to the owner's manual or brochure of your vehicle.
- This system contains open source software. For additional information or references, contact MOBIS_OSSrequest@mobis.co.kr.
This multimedia system contains open source software, including without limitation, software distributed and/or modified under the GNU General Public license, Version 2, June 1991, and the GNU lesser General Public License, Version 2.1, February 1999.
For additional information and to obtain related materials including without limitation, the previous referred to licenses and software, please contact us at MOBIS_OSSrequest@mobis.co.kr

Available Materials for Operation



User's Manual for multimedia system in a booklet

Explains how to use and manipulate the functions on the system. Be sure to read this User's Manual before using the product for safety.



User's Manual for multimedia system in PDF format

Accessible from a computer or mobile device. Download the User's Manual from the company website at <http://www.kia.com>.



Embedded Quick Guide

A help embedded in the system. You can see basic operations and brief descriptions of major functions.

- How to access: On the Home screen, tap **All Menus ▶ Quick Guide**.

Do NOT use it while driving to ensure safety. To use the Quick Guide, be sure to park your vehicle in a safe place.

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**

Displays optional or unequipped features.

This User's Manual handles all trim models and all optional features. Accordingly, some features may not be available in your vehicle.

Safety Warnings

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

Driving

Keep traffic regulations while driving.

- Relying solely on the navigation system may cause violation of traffic rules and regulations, resulting in an accident.

In order to check the vehicle speed, see the speedometer first, not the speed on the navigation system.

- The speed on the navigation system may differ from actual vehicle speed.

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.

- If 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, minimize 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 use the product with excessively high volume for a long time, it may affect your hearing.

For emergency services (e.g. hospital, fire station), do not rely solely on the navigation system.

- Some emergency services may not be included in the navigation map. Obtain information in advance for emergency situations.

System Handling

Do NOT arbitrarily disassemble or modify the system.

- It may cause 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 engine started.

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

Do NOT arbitrarily install an aftermarket product not authorized by Kia Motors Company.

- It may cause system errors.
- Any problems caused by an unauthorized aftermarket product are not covered by 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. Use a dry, soft cloth when wiping the screen or panel.

- 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 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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MEMO



01

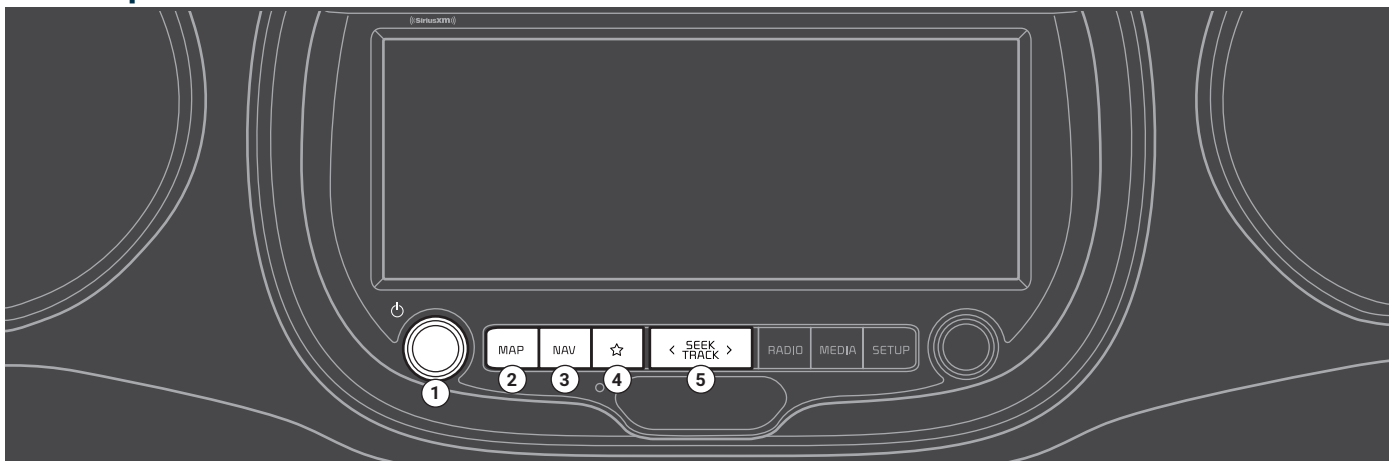
System Overview



Component Names and Functions

Turning the System On or Off

Component Names and Functions



❶ PWR button/VOL knob

- Press the button to turn on or off the AVN (radio/media).
- Press and hold the button to turn off the screen and sound.
- Turn the knob left or right to adjust the system volume.
- Turn the knob while hearing a guidance message to adjust the volume.

❷ MAP button

- Returns to the current location on the map.

❸ NAV button

- Moves to the navigation menu screen.

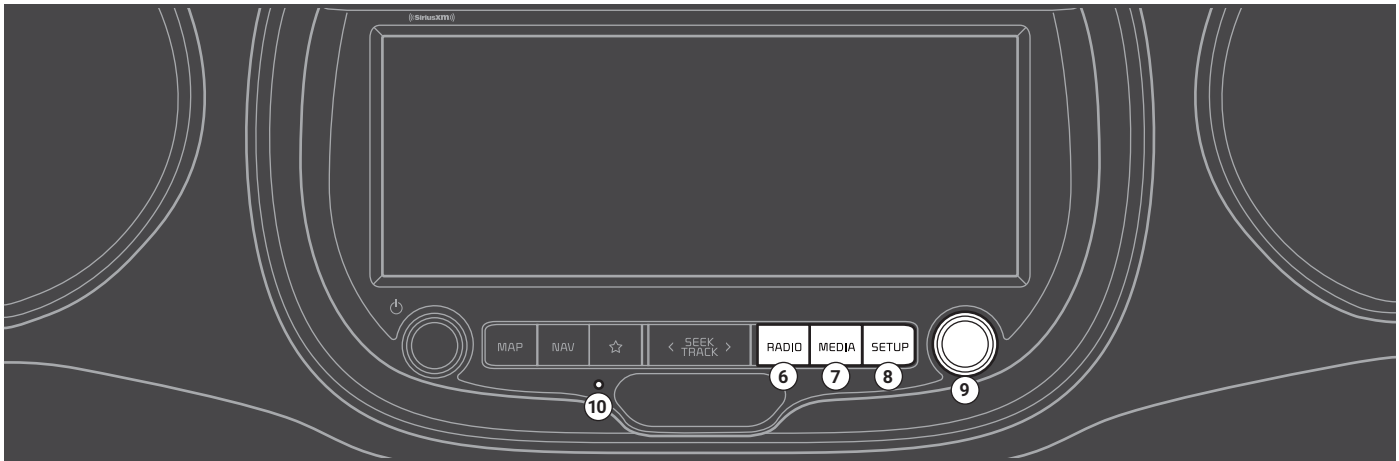
❹ Custom button (☆)

- Runs the user-defined function.
- Press and hold the button to display the custom settings screen.

❺ <SEEK/TRACK> button

- Changes the broadcast program, channel, music, or file while using the AV function.
- Press and hold the button to search a broadcast program while listening to radio.
- Press and hold the button to fast forward or rewind during playback (not applicable in Bluetooth audio mode).

Note: The system shape and menu arrangement may differ depending on the vehicle model and specifications.



6 RADIO button

- Turns on the radio.
- When you press the button repeatedly with the radio turned on, it toggles between FM and AM modes.

7 MEDIA button

- Runs the connected medium.
- When multiple media are connected, the selection window appears.

8 SETUP button

- Displays the Settings screen.

9 TUNE knob/FILE knob/ENTER button

- Turn the knob to change the frequency and channel while listening to radio.
- Turn the knob to search music or file while playing media.
- Press the button to select a channel, music, or file during a search.
- Turn it on the map screen to zoom in or out (if equipped).

10 System Reset button

Note: The system shape and menu arrangement may differ depending on the vehicle model and specifications.

1 MODE button

- Press the button repeatedly to toggle among radio and media modes.
- Press and hold the button to turn on or off the AV function (e.g. radio, media).

2 Move lever (^/∨)

- Changes the broadcast program, channel, music, or file while using the AV function.
- Push and hold the lever to search a broadcast program while listening to radio.
- Push and hold the lever to fast forward or rewind while playing media (except for Bluetooth Audio mode).

3 Volume lever (+/-)/Mute button (🔇)

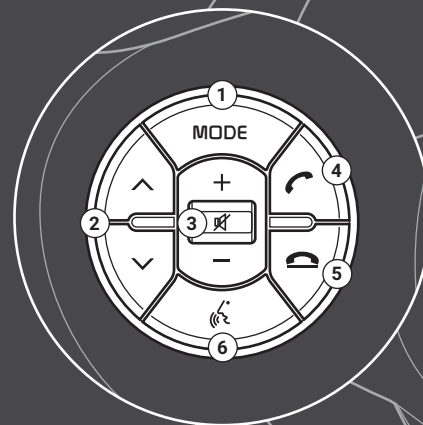
- Push the lever up or down to adjust the volume.
- Press the button to mute or unmute the volume (except for navigation sound).
- Press the button to pause or resume during playback.

4 Call button (☎)

- Before connecting the Bluetooth, press the button to display the Bluetooth connection window.
- After connecting the Bluetooth, press the button to display a list of recent calls.
- Press and hold the button to redial the latest number with the Bluetooth connected.
- Press the button to answer a call with the Bluetooth connected.
- During a call, press the button to place the call on hold.
- Press and hold the button to switch between the system and mobile phone.

5 End Call button (📞)**6 Voice Recognition button (🗣)**

- Activates voice recognition.
- If voice recognition is not supported, it activates voice recognition on your smartphone through the phone projection.
- Press and hold the button to end the function.




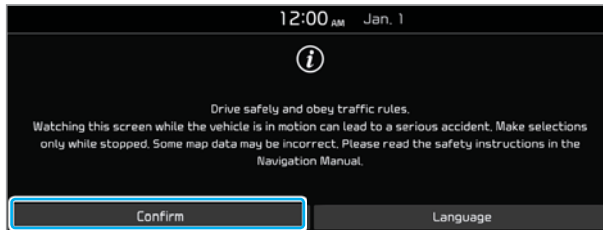
Note: The system shape and menu arrangement may differ depending on the vehicle model and specifications.

Turning the System On or Off

Turning on the system

- 1 Start the engine.
- 2 When a safety warning message appears, read it and tap **Confirm**.

 To change the display language, tap **Language**.

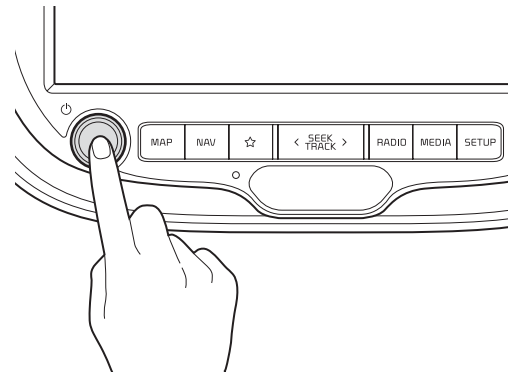


Turning off the system

To turn off the system, select any of the following methods:

- To turn off the system while driving, press and hold the [PWR] button on the panel. The screen and sound are turned off.

 To use the system again, press the [PWR] button.



- To shut down the system completely, park the vehicle in a safe place and stop the engine. The system automatically shuts down.

⚠ Warning

- When driving, the video screen does not appear to ensure safety. In order to watch video, first stop the vehicle. In case of a vehicle with the manual transaxle, video is played after you engage the parking brake. In case of a vehicle with the automatic transaxle, move the shift lever to “P” (Park) or engage the parking brake to watch video.
- Some functions may not be active while driving to ensure safety. Those functions run only when the vehicle is stationary. In order to use them, first stop the vehicle.
- When the screen is not displayed, the volume is muted, or other system failures occur, immediately stop using the system. When you use the faulty system continuously, it may cause fire, electric shock, or fatal system failure.

⚠ Caution

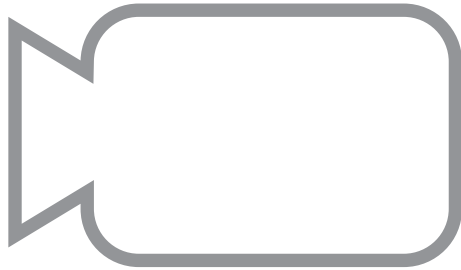
- The system can be turned on even when the ignition switch is in “ACC” or “ON.” However, when you use the system without starting the engine for a long time, it may cause battery discharge. To use the system for a long time, be sure to start the engine.
- When you use the system with the engine off, the battery warning message appears. The warning message disappears as soon as you start the engine.



- If you stop and start the engine, the system is turned on with the mode and settings used when the engine was stopped.
- To prevent audio from playing loud when you start the engine, adjust the system volume to a moderate level.
- To automatically decrease the system volume on the All Menus screen, tap **Setup ► Sound ► Priority ► Start-up Volume Limit** to set the function.

02


Viewing Driving Assist Video



Driving assist video

Driving assist video

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

 The displayed screen may differ depending on the vehicle model.

Caution

The distance shown on the screen may differ from the actual one. Be sure to check the rear and left and right sides with your own eyes for safety.

Using the rear-view video

- 1 Move the shift lever to “R” (Reverse) with the engine started.

The system automatically displays the rear view with parking assist guide lines.

- 2 Safely park your vehicle while checking the rear view and guide lines.

1 Moving direction lines (yellow)

Displays the vehicle’s moving direction based on the steering angle. The two horizontal lines display 1 m and 3 m positions respectively from the rear bumper.

2 Neutral steering lines (blue)

Displays the moving direction if you reverse the vehicle in neutral. Noting these lines, you can determine whether the vehicle is stopped in correct direction and the distances to the neighboring vehicles are adequate.

3 Collision warning lines (red)

Used to prevent collision. At an interval of about 0.5 m from the rear bumper, the lines are displayed on the screen.

4 Parking distance warning

The warning message appears when the vehicle approaches obstacles in the parking area.

5 Camera image adjustment

Used to adjust the brightness and contrast of camera images.



- After reversing is completed, rear-view video remains displayed even when the shift lever moves to a position other than “R” (Reverse) and “P” (Park). When you drive at over 15 km/h, the rear-view video disappears and the previous screen appears.
- Noting the parking assist guide lines based on the steering, you can see the moving direction.




- A warning sound is heard when the vehicle approaches obstacles while reversing. When you have set to automatically lower the audio volume. It can prevent accidents caused by failure to hear warnings. On the All Menus screen, tap **Setup ▶ Sound ▶ Priority ▶ Proximity Warning**.

Using the steering-linked camera


Viewing the rear top view video

You can look down the rear view from the top through the rear-view video.



- 1 On the rear-view screen, tap .
- 2 Check the top view video and assist guide lines.
 - 1 Displays the space required to open the trunk (tailgate). After a parking, check whether the space is sufficient to open the trunk and there is no obstacle.
 - 2 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.

Viewing the rear-view video 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 screen displays the  icon.


 To turn off the rear-view video, press the  button again.

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 screen displays the front view and surround view at the same time.

 The surround view monitor function operates only when any of the following conditions is met.

- The shift lever is in “D” (Drive) and the vehicle drives at a speed of less than 15 km/h.
- The vehicle is stationary and the shift lever is in “D” (Drive) or “N” (Neutral).

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


Icon	Description
	Displays the zoom-in front top view and top view (default).
	Displays the front wide view and top view.
	Displays the front-side view and top view.
	Moves to the rear-view screen while driving. The screen displays the  icon.
	Adjust the brightness and contrast of the camera images.
	Displays the surround view settings.

-  When any door or trunk (tailgate) is open or outside rear-view mirrors are folded, an alert icon appears on the right of the screen.
- To turn off the surround view screen, press the  button.







Viewing the surround view while reversing

1 Move the shift lever to “R” (Reverse).


The screen displays the rear view.

-  The surround view monitor function is not available when the shift lever is in “P” (Park).

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

Icon	Description
	Displays the zoom-in rear top view and top view (default).
	Displays the rear wide view and top view.
	Displays the blind spot view and top view.
	You cannot access the rear-view mode while reversing.
	Used to adjust the brightness and contrast of the camera images.
	Displays the surround view settings.

Configuring the surround view monitor settings

- 1 On the surround view screen, tap .
- 2 Select the desired item and change the settings.
 - **Display Contents:** Set the content to display on the video screen.
(e.g. Rear view distance guidance, top view parking guidance, rear view parking guidance, parking distance warning).
 - **Top View Default Mode:** Select any of default, zoom-in, and zoom-out top views for the surround view monitor function.
 - **Front View Default Mode:** Select a default view for the surround view monitor function while driving.
 - **Rear View Default Mode:** Select a default view for the surround view monitor function while reversing.

03

Climate Settings

Controlling the climate system in the rear seat
(* if equipped)



Controlling the climate system in the rear seat (* if equipped)

You can check and control the climate settings of the rear seat.

1 Run the climate system for the rear seat by using any of the following options:

- Press the [REAR] button on the vehicle.
- On the All Menus screen, tap **Setup ► Vehicle ► Rear Climate Controls**.

2 Select an item and adjust the climate setting.

- Can set the temperature in the rear seat.
- Can set the air direction in the rear seat.
- Can set the fan speed in the rear seat.
- Can automatically adjust the climate system in AUTO mode.
- Can turn off the climate system in the rear seat.
- Can lock to prevent any occupant from controlling the climate system.

04

Using the System Screen



Using the touch screen

Home screen

All Menus screen


Split screen

Using the touch screen

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

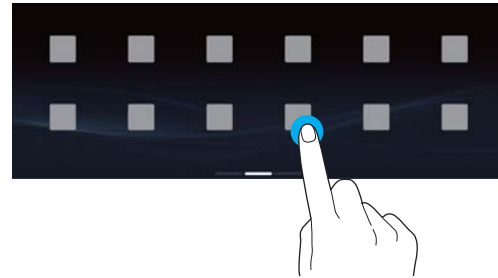
Caution

- Do not press the touch screen with excessive force or a sharp object. The touch screen may become damaged.
- Be careful for the touch screen not to contact any electrically charged object. Static or other electric shock may cause the system to malfunction or damage the touch screen.

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

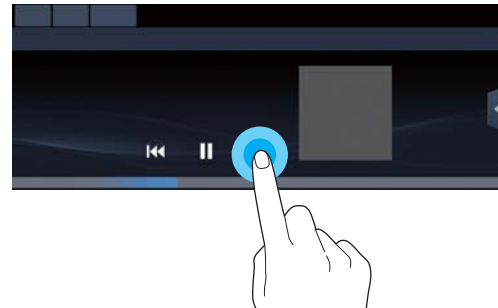
“Tap” gesture

Lightly tap the desired item and release the finger. The corresponding function is run or the corresponding menu is selected.



“Touch and hold” gesture

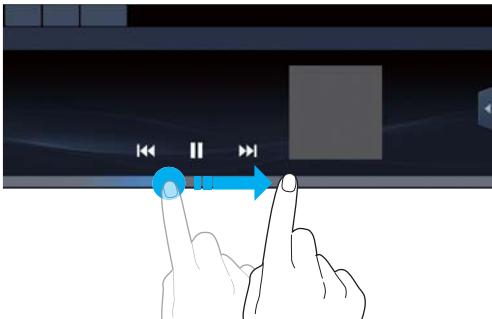
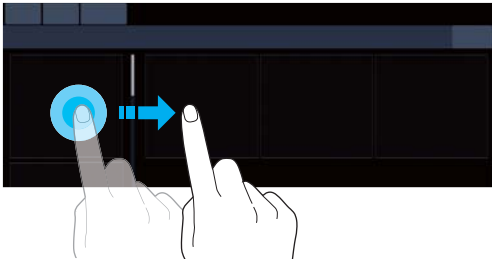
Touch and hold the desired item. It is used to fast forward or rewind during playback.



“Drag” gesture

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

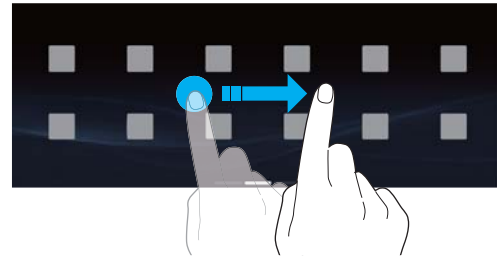
It is used to move the selected item or change the playing location during playback.



“Swipe” gesture

Lightly swipe the screen in the desired direction.

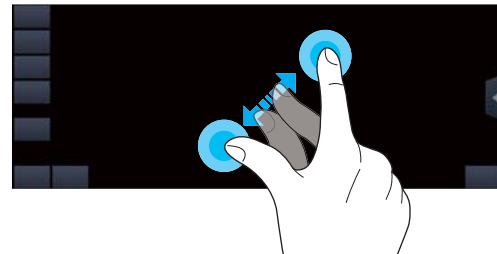
It is used to move fast vertically or horizontally across the menu screen or options list.



“Spread/pinch” gesture

On the map screen, touch and hold the screen with two fingers and spread or pinch the fingers.


It is used to zoom in or out the map.



Home screen

The Home screen provides various functions.

The Home screen appears through two different types: Default Home and Home 2.0.

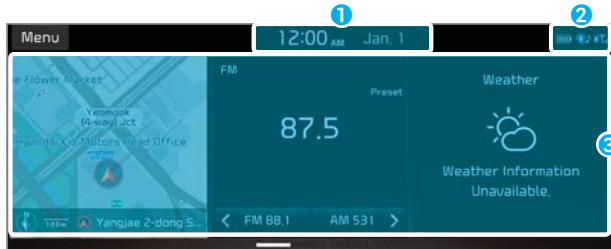
- You can also customize the configuration of the widgets and icons on the Home screen. ▶ See page.4-5“[홈 화면 편집하기.](#)”
- This User’s Manual explains the operations starting from the initial Home screen.
- To return to the Home screen from other screens, tap .


Default Home screen



- 1 Displays the current date and time.
- 2 Displays the icon to let you know the current status. ▶ See page.15-2“[System status indicator icons.](#)”
- 3 Displays active widgets. When a widget is tapped, the corresponding function runs in full screen. ▶ See page.4-5“[Editing the Home screen.](#)”
- 4 Displays the map widget. When the map widget is tapped, the map appears in full screen.
- 5 Displays the All Menus screen. In this case, all menus appear on the Default Home screen.
- 6 Displays the Call screen.
- 7 When the phone projection is connected, the corresponding screen appears.
- 8 Displays the Search screen. You can search the desired destination through this unified search function. ▶ See page.5-2“[Finding a route quickly.](#)”
- 9 Displays the Favorites screen. ▶ See page.4-8“[Adding a favorite menu.](#)”

Home 2.0 screen




- 1 Displays the current date and time.
 - 2 Displays the icon to let you know the current status. ▶ See [page.15-2](#)“System status indicator icons.”
 - 3 Displays active widgets. When a widget is tapped, the corresponding function runs in full screen. ▶ See [page.4-5](#)“Editing the Home screen.”
-  To see all menus in Home 2.0, swipe the screen to the left.

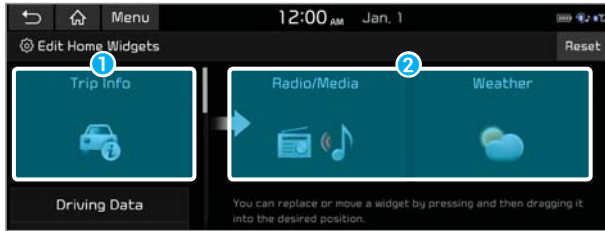
Editing the Home screen

Editing the widgets on the Home screen

You can edit the types and positions of the widgets on the Home screen.

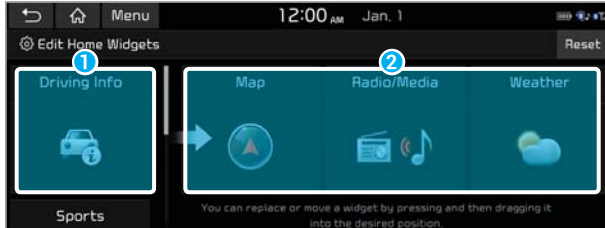
- 1 On the Home screen, tap **Menu ▶ Edit Home Widgets**.
 - 2 Edit the widgets on the Home screen by using available functions.
 - To change the type of the widget, tap and hold, and drag the desired widget from the list to the widget area.
 - To change the location of a widget, tap and hold, and drag the widget to the desired position in the widget area.
-  You cannot change the map widget to another one on the Default Home screen.

› Default Home screen



- 1 List of widgets
- 2 Widget area

› Home 2.0 screen



- 1 List of widgets
- 2 Widget area

▮ Editing the icons on the Home screen

› Editing the icons on the Default Home screen

You can arrange frequently used icons at the bottom of the Default Home screen to run the functions directly.

- 1 On the Home screen, tap **Menu ▶ Edit Home Icons**.
- 2 Edit the icons on the Home screen by using available functions.
 - To change the type of the icon, tap and hold, and drag the icon from the list to the icon area.
 - To change the location of an icon, tap and hold, and drag the icon to the desired position in the icon area.

› Editing the icons in Home 2.0

You can see the icon list on the Home 2.0 screen and change its location.

- 1 On the Home screen, tap **Menu ▶ Edit Home Icons**.
- 2 To change the location of an icon, tap and hold, and drag the icon to the desired position.

All Menu screen

You can see all menus for each Home on a single screen.

Viewing the list of all menus on Default Home

On the Home screen, tap the icon for **All Menus**.



Viewing the list of all menus on Home 2.0

Drag the Home screen to the left.

The All Menu screen appears.



Using the Favorites menu

You can add frequently used menus as favorite icons and run the icons directly on the Home screen or All Menus screen. You can add favorite icons up to 24 menus.

■ Adding a favorite menu

- 1 On the All Menus screen, tap **Favorites ▶ Add to Favorites**.



When there exists any item in the favorites, on the Favorites screen, tap **Menu ▶ Add**.

- 2 Select an item to add and tap **Add ▶ Yes**.

■ Arranging the items in Favorites

You can change the order of items in Favorites.

- 1 On the All Menus screen, tap **Favorites ▶ Menu ▶ Reorder**.
- 2 Drag the item to the desired position.

■ Deleting items in Favorites

You can delete items from the list of favorites.

- 1 On the All Menus screen, tap **Menu ▶ Del**.
- 2 Select an item(s) to delete and tap **Del ▶ Yes**.

Split screen

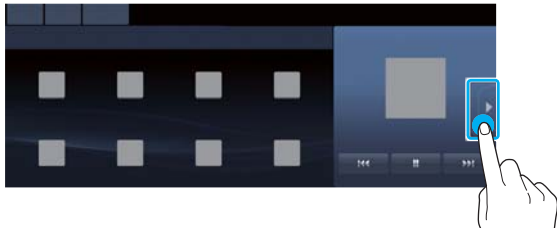
You can set to display various information such as map, AV info, driving info, and clock on the split system screen. ▶ See [page.13-7](#)“Split Screen Settings.”

Opening the split screen

Run the split screen by selecting any of the following:

The split screen appears on the right.

- Tap the split screen button.

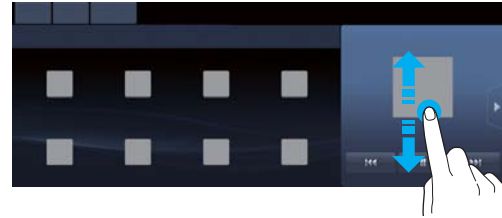


- Tap **Menu ▶ Split Screen**.

Editing the split screen

You can change information on the split screen.

Tap and hold, and then drag the split screen up or down to select the desired information item.



Closing the split screen

While the split screen appears, perform any of the following actions:

- Tap the split screen button.
- Tap **Menu ▶ Split Screen**.

MEMO



05

Navigation



Finding a route easily

Various ways to find routes

Using convenience features

Registering a specific location

Using the registered places

Real-time traffic information (TPEG)

Updating the map

Configuring the navigation settings

Finding a route quickly

You can find a route to your destination quickly and start the navigation.

1 On the Home screen, touch the map area.

Alternatively, if your system has the [MAP] button on the control panel, press the [MAP] button.

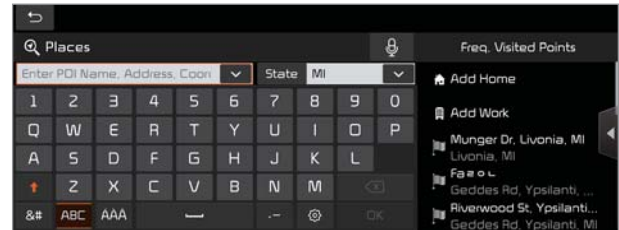






2 On the map, touch **Place or Address**.



The **Place or Address** field appears only when the transmission shift lever is in the "P" (Park) position.

3 Enter location information, such as a place name, an address, or coordinates, and touch **OK**.

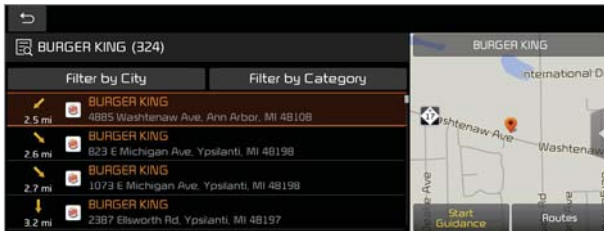


- : View the recent keywords list.
- **MI**: Narrow the search range to a desired region. Touch  to view the recent states list.
- : Switch to the uppercase mode.
- : Delete the entered characters.

- **&#**: Switch to the symbol input mode.
- **ABC**: Switch to the alphabet input mode.
- **AAA**: Switch to the accent input mode.
- **—**: Enter a space.
- **·**: Enter a punctuation mark.
- **⚙️**: Change the keyboard settings.

4 Select a location from the search result list.

- To filter the search results by region, touch **Filter by City**.
- To filter the search results by POI category, touch **Filter by Category**.



5 Touch **Start Guidance**.



- You can use various search methods available in the navigation menu. On the All Menus screen, tap **Navigation Menu**. ▶ See p.5-8 "Finding a route with various search methods."
- If the HD Radio or SiriusXM service is available for traffic information, the corresponding icon will appear at the top of the navigation screen.
 - HD Radio (📻 HD): The system is using HD Radio data. HD Radio is only available in metropolitan areas.
 - SiriusXM (📻 SiriusXM): The system is using SiriusXM data. SiriusXM is only available when HD Radio is unavailable because HD Radio data has higher priority than SiriusXM data.

Caution

Depending on the region you are driving in or the driving conditions, information on the map may differ from the actual road conditions.

- When converted to an electronic map, the road shape may be altered. If the navigation guidance is different from the actual road, use your judgment and take the appropriate road.
- The navigation guidance may differ from the actual road due to the time difference between the map production and your driving. Drive according to the current road conditions and traffic regulations. When you reach the section of the route that matches the actual road, the navigation will resume your route correctly.

Notes on navigation

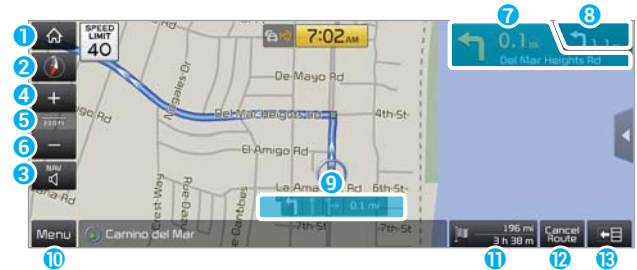
- The location of your vehicle displayed on the screen may temporarily differ from the actual location in the following situations:
 - When you are driving on a narrow Y-shaped or spiral road
 - When another road is located close to the current road
 - When you are driving on a road with a lot of high buildings nearby

- When you are driving on a road under construction or a new road
- When your vehicle is transported by a car ferry or a towing car
- When you are driving on a road on a steep mountain or a road with a sharp curve
- When your vehicle enters a road after rotating on a turn table of an underground parking lot or a multistory parking lot
- When you start and stop repeatedly or drive slowly at an intersection
- When you turn on your system just after charging or replacing the discharged battery
- When you are driving in slippery conditions, such as in heavy sand or snow
- When the tires have been replaced recently or when studless tires or spare tires are used
- When improper-sized tires are used or the pressure of each tire is different
- When the replacement tire is worn, especially studless tires that have been used for more than two seasons
- When a roof carrier has been installed on your vehicle
- While a long distance route is being calculated on a highway. In this circumstance, continued driving will enable the system to conduct map matching or use updated GPS information to provide the current location information.

- The navigation guidance may be incorrect temporarily depending on search conditions or your driving position:
 - The navigation may instruct you to go straight when you are driving on a straight road.
 - The navigation guidance may stop while you are driving an intersection or just after turning at an intersection.
 - The navigation may instruct you to take a U-turn at a location where a U-turn is prohibited.
 - The navigation may instruct you to take prohibited roads, such as roads marked as no trespassing or roads under construction.
 - The navigation may instruct you to a distant location from your destination when there is no road or where only narrow roads to the destination exist.
 - The navigation guidance may be incorrect when you are off your route.
 - The navigation estimate to your destination may differ from the actual distance due to the difference in the starting point of the road on an overpass or an underpass.
 - When you are driving at high speeds, route recalculations may take longer.

Getting to know the navigation screen

You can use the following functions and information on the navigation screen.





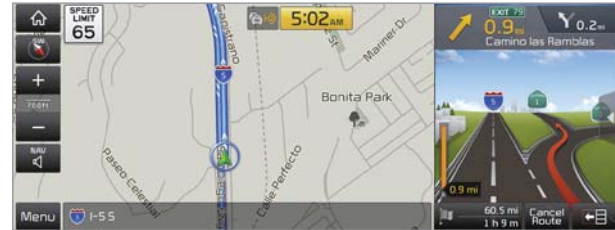
- 1 Move to the Home screen.
- 2 Change how the map is displayed.
- 3 Adjust the navigation sound volume.
- 4 Zoom in.
- 5 Set to fix the map scale or to set it to change automatically according to driving conditions.
- 6 Zoom out.
- 7 Information about this turn point
- 8 Information about the next turn point

- 9 Lane guidance
 - Yellow: The recommended lane
 - White: Lanes you can choose
 - Gray: Lanes to avoid
- 10 Display the quick menus you can use for navigation guidance.
- 11 View the distance to your destination and the estimated arrival time. Touch to view detailed destination information.
- 12 Stop the navigation guidance.
- 13 Hide or display the split screen.

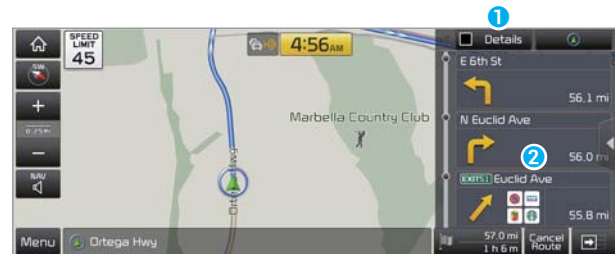
Viewing the split screen

The screen splits automatically when you need to take a turn or change lane and displays detailed information.

To hide or display the split screen, touch  or .



On the split screen, you can view brief or detailed information about each section of the route.

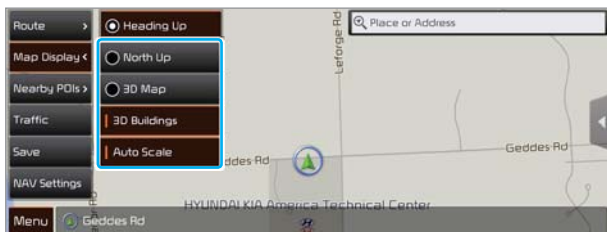



- 1 Set to view additional information about highway exits or rest areas on the split screen.
- 2 Access information about POIs around the highway exit.

Changing the default map view settings

You can change the default view mode of the map screen.


On the navigation screen, touch **Menu ▶ Map Display** and select a view mode or set to display nearby buildings.




 To change the navigation settings other than the default map view settings, touch **Menu ▶ NAV Settings**.


Adjusting the navigation sound volume

You can adjust the sound volume of the navigation guidance including GPS alert beeps.

Touch  on the navigation screen and touch **+** or **-** or drag the adjustment bar to adjust the volume level.

To mute the voice guidance, touch . You can also set to hear the voice guidance prior to the AV audio.



 You can set to use the [VOL] knob or the [VOL +/VOL -] lever to adjust the navigation sound volume while the voice guidance is playing. On the Home screen, touch **All Menus ▶ Setup ▶ Sound ▶ Navigation Volume** and select **Use Map Screen Volume Buttons or Volume Knob**.

Canceling the navigation

To stop the navigation guidance and cancel the set destination, touch **Cancel Route** ► **Yes**.

The destination mark at the bottom of the screen disappears.

Finding a route with various search methods

You can search for a location by various ways, such as entering location information, selecting among categorized locations or the recently selected locations in the navigation menu.

Open the navigation screen by using desired option.

- On the All Menu screen, tap **Navigation Menu**.
- On the control panel, tap the [NAV] button.



Searching for locations by keyword

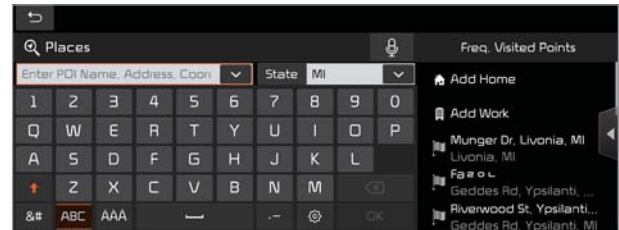
You can find a location by entering various keywords, such as a place name, an address, or a phone number and select a location from the search results to set it as your destination.

1 On the Navigation menu, tap **Place or Address**.



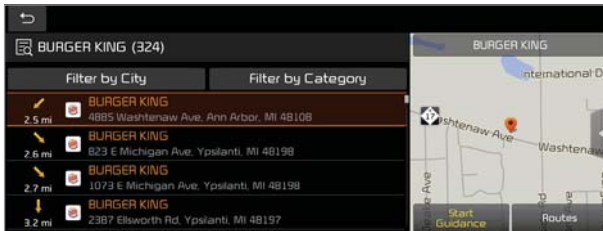
2 Enter location information, such as a place name, an address, or coordinates, and touch **OK**.

- If there are any entries in your search history that match your input, they will appear above the keyboard.



3 Select a location from the search result list.

- To filter the search results by region, touch **Filter by City**.
- To filter the search results by POI category, touch **Filter by Category**.



4 View the location on the map and touch **Start Guidance**.

- If the destination is active, touch **Yes** to change the destination.



- 1 Select another route or access route-related options.
 - **Route Options:** Set the route options and find another route.
 - **Route Info.:** View the detailed information about the selected route.
 - **Edit Route:** Edit the detailed path of the selected route.
- 2 Add a waypoint to your current route.
- 3 Save the currently selected location to your address book.
- 4 Access the POI category list to view or search for nearby POIs.

Searching for locations by address

- 1 On the Navigation menu, tap **Address**.
- 2 Enter the address of your destination and touch **OK**.
- 3 Select a location from the search result list.
- 4 View the location on the map and touch **Start Guidance**.
 - If the destination is active, touch **Yes** to change the destination.

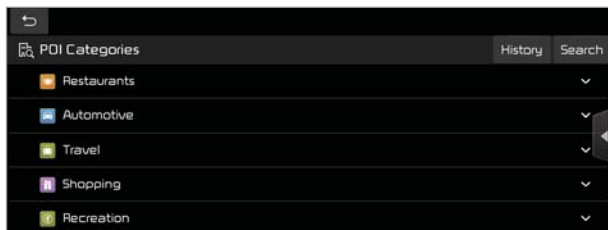
Searching for locations by POI category

You can find a location by using the POI categories or names.

1 On the Navigation menu, tap **POI Categories**.

2 Select a POI category.

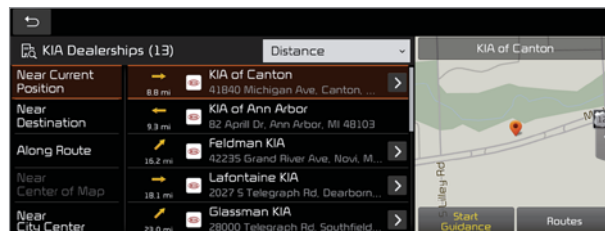
- To select one from the recent search list, touch **History**.
- To search for a POI by entering a POI category, touch **Search**.



3 Select a sub-category by following the on-screen instructions.

4 Select a location from the search result list.

- To filter the search results, select a filtering option from the left side of the screen.
- To sort the search results, touch the option menu (▼) and select a sorting option.

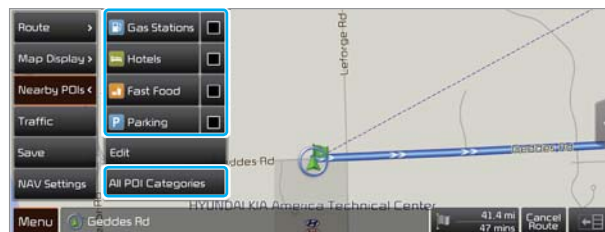


5 View the location on the map and touch **Start Guidance**.

- If the destination is active, touch **Yes** to change the destination.



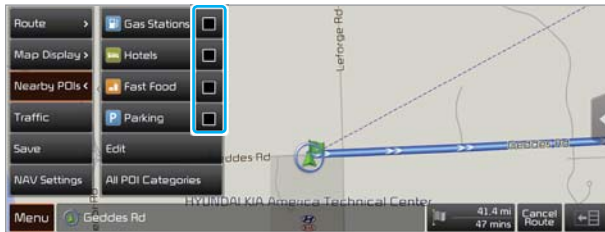
To search for nearby points of interest during the navigation guidance, touch **Menu ► POI ► All POI Categories**. You can also select a category from the POI category list.



Displaying POIs on the map

You can set to display nearby POIs on the map.

On the navigation screen, touch **Menu ► POI** and touch the check boxes next to items to display on the map.

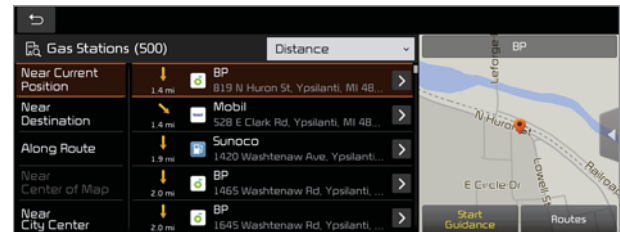


To edit the POI category list in the quick menu, touch **Menu ► POI ► Edit**.

Searching for gas stations

- 1 On the Navigation menu, tap **Gas Station**.
- 2 Select a location from the search result list.

To sort the search results, touch the option menu (▲) and select a sorting option.

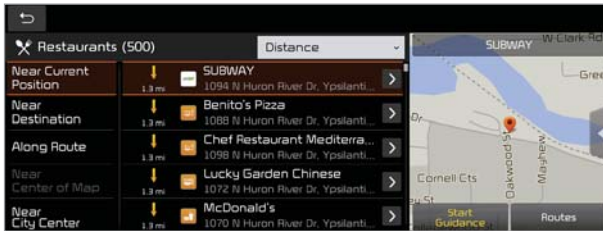


- 3 View the location on the map and touch **Start Guidance**.

If the destination is active, touch **Yes** to change the destination.

Searching for restaurants

- 1 On the Navigation menu, tap **Restaurants**.
- 2 Select a location from the search result list.
 - To filter the search results, select a filtering option from the left side of the screen.
 - To sort the search results, touch the option menu (▲) and select a sorting option.



- 3 View the location on the map and touch **Start Guidance**.
 - If the destination is active, touch **Yes** to change the destination.

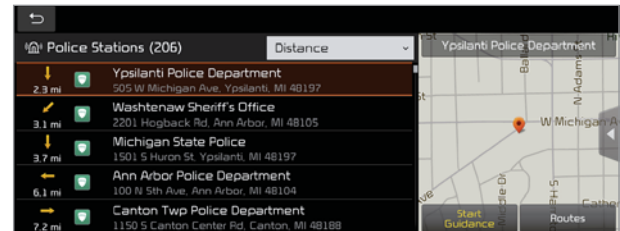
Searching for emergency services

- 1 On the Navigation menu, tap **Emergency**.
- 2 Select an emergency service type.

If applicable, use the location displayed at the bottom of the screen when contacting an emergency service.



- 3 Select a location from the search result list.



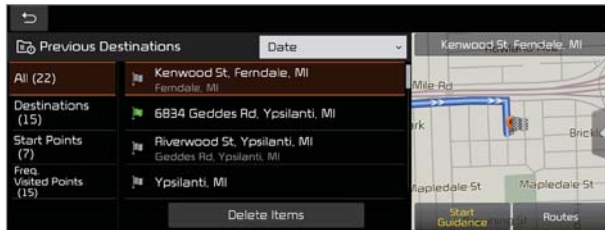
- 4 View the location on the map and touch **Start Guidance**.

If the destination is active, touch **Yes** to change the destination.

Selecting a location from previous destinations

You can select a location from the list of locations you have previously entered.

- 1 On the Navigation menu, tap **Previous Destinations**.
- 2 Select a location type and a location.
 - To sort the search results, touch the option menu (▲) and select a sorting option.
 - To delete the locations from a list, touch **Delete Items**. You can select and delete locations, or delete all locations at a time.



- 3 View the location on the map and touch **Start Guidance**.
 - If the destination is active, touch **Yes** to change the destination.

Searching for locations via the online server

You can search for locations in the online map database. To use this feature, you must subscribe to the Blue Link service.

- 1 On the Navigation menu, tap Real Time Search.
Online Search.
- 2 Enter a keyword in the input field and touch **OK**.



- 3 Select a location from the search result list.
- 4 View the location on the map and touch **Start Guidance**.

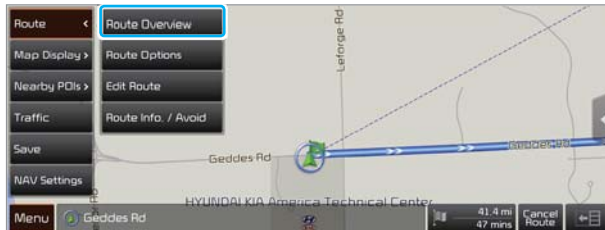
If the destination is active, touch **Yes** to change the destination.

Using helpful navigation options

Finding another route

You can change the route options to search for a route again.

- 1 On the navigation screen, touch **Menu ► Route ► Route Options**.



- 2 Set the route options and touch **Recalculate**.



- 3 Select a route and touch **Start Guidance**.



Depending on vehicle models or specifications, available options may vary.

Avoiding specific roads

You can search for a new route that avoids specific roads, such as congested roads and roads under construction.

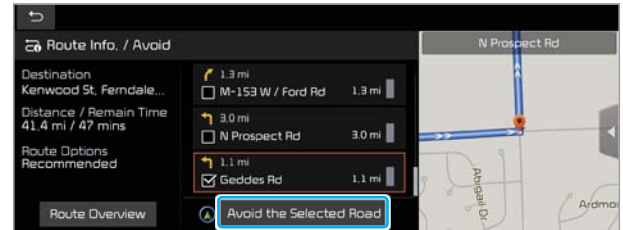
1 Open the navigation screen by using desired option.

- On the All Menus screen, tap **Navigation Menu**.
- On the control panel, tap the **[NAV]** button.

2 On the Navigation menu, tap **Route Info./Avoid**.



3 Select the roads you want to avoid and touch **Avoid the Selected Road**.



4 Select a new route and touch **Start Guidance**.

- When there is a nearby road under construction, a notification pop-up window appears to ask you whether to avoid the section. To avoid the section, touch **Yes**. The navigation system will search for a new route.

Adding waypoints

You can add waypoints to the current route to your destination. You can add up to two waypoints to your route.

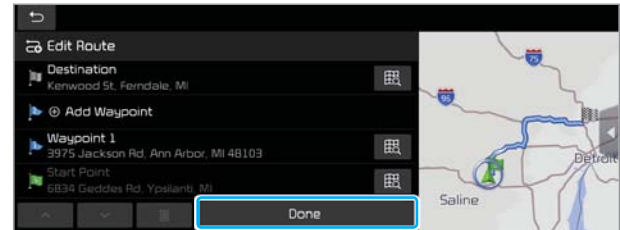
Searching for and adding waypoints

You can search for a location and add it as a waypoint.

- 1 Search for a waypoint by various search methods. ▶ See p.5-8 "Finding a route with various search methods."
- 2 View the location and information on the map and touch **Add Waypoint**.



3 Touch Done.



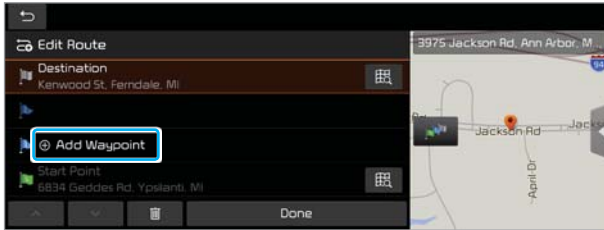
4 Select a new route and touch **Start Guidance**.

Editing your route

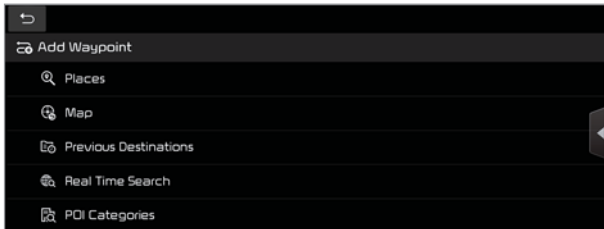
You can edit your route by adding waypoints or rearranging the locations in the route.

- 1 On the Navigation menu, tap **Edit Route**.




2 On the route editing screen, touch **Add Waypoint**.



3 Select a search method and search for a location to add it as a waypoint. ▶ See p.5-8 "Finding a route with various search methods."



4 Edit the route, if necessary.

- To rearrange the locations, select a location and touch  or .
- To delete a waypoint, select the location you want and touch .



5 When editing your route is complete, touch **Done**.

6 Select a new route and touch **Start Guidance**.

Viewing information

During navigation, you can view useful information, such as traffic conditions.

Viewing traffic information

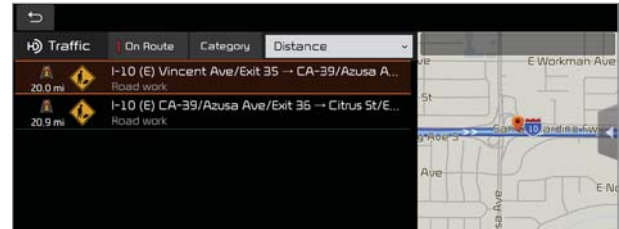
You can view real-time traffic information including any ongoing road work or accidents.

1 On the navigation screen, touch **Menu** ► **Traffic**.

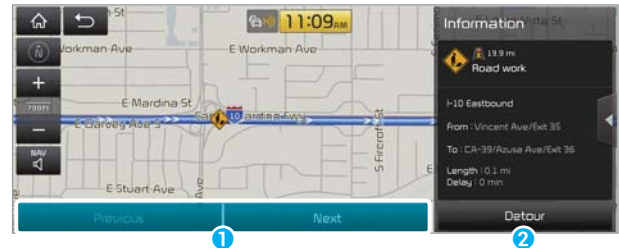


2 Select an item from the traffic information list to view its details.

- To view traffic information along your current route or to view all available traffic information, touch **On Route**.
- To select the types of traffic information you want to view, touch **Category**.



3 View detailed traffic information.



1 View the previous or next traffic information.

2 Reflect traffic information to your current route.



Traffic support for border crossings and speed limits set for individual roads may not be accurate. Use the information at your discretion.

Viewing satellite information

You can view GPS satellite status and the coordinates of your current location. Use this information if you need to know your accurate location, such as in an emergency situation.

On the navigation screen, touch **Menu ► NAV Settings ► Display ► GPS Information**.

- 1 Current status of satellite signal reception
 - **Receiving:** The system is receiving satellite signals and the current location is recognized.
 - **Searching:** The system is searching for satellite signals.
- 2 Information about your current location

Registering locations

You can register your current location or desired locations to your address book and select them quickly when setting a destination.

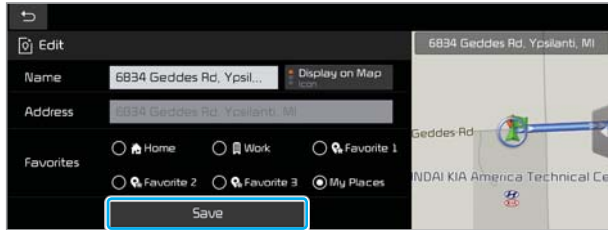
Saving your current location

You can save your current location quickly.

- 1 On the navigation screen, touch **Menu ► Save**.



- 2 Edit the location information, if necessary, and touch **Save**.

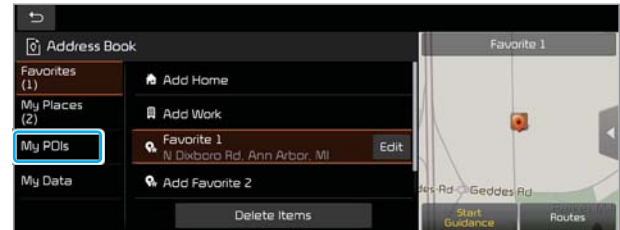


Searching for and saving locations

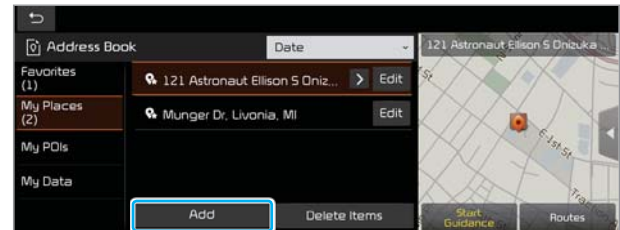
You can search for a location and save it to your address book.

- 1 Open the navigation screen by using desired option.
- On the All Menus screen, tap **Navigation Menu**.
 - On the control panel, tap the [NAV] button.

- 2 Touch **Address Book** ► **My Places**.



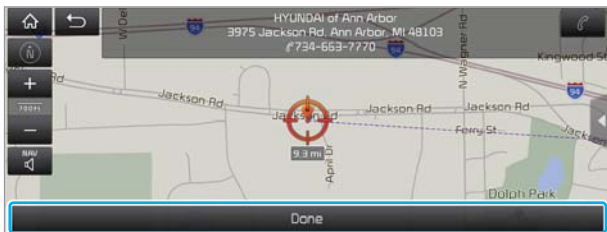
- 3 Touch **Add** from the address book.



4 Touch **Places** and enter a keyword to search for a location.

- You can use other search methods to find a location.
▶ See p.5-8 "Finding a route with various search methods."

5 View the location and information on the map and touch **Done**.



6 Edit the information, if necessary, and touch **Save**.

Saving your favorite locations

You can save your favorite locations, such as your home and workplace, to use navigation guidance more quickly.

1 Open the navigation screen by using desired option.

- On the All Menus screen, tap **Navigation Menu**.
- On the control panel, tap the [NAV] button.

2 Touch a shortcut button with .

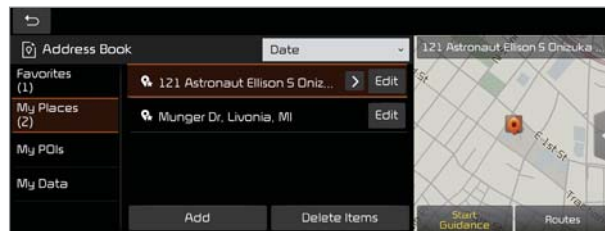


- 3 Touch **Yes**.
- 4 Touch **Places** and enter a keyword to search for a location.
 - You can use other search methods to find a location.
▶ See p.5-8 "Finding a route with various search methods."
- 5 View the location and information on the map and touch **Done**.

Using the saved locations

- 1 Open the navigation screen by using desired option.
 - On the All Menus screen, tap **Navigation Menu**.
 - On the control panel, tap the [NAV] button.
- 2 Touch **Address Book** ▶ **My Places**.
 - To select a location from the ones received from Google, touch **Send to Car**.

- 3 Select a location from the address book.



- 4 View the location on the map and touch **Start Guidance**.

- If the destination is active, touch **Yes** to change the destination.

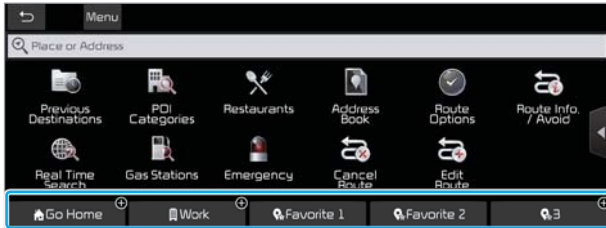


You can import or export your address book data by using a USB storage device. From the address book screen, touch **Import/Export** and select an option you want.

Using your favorite locations

If you have set up a list of your favorite locations, you can select one of them directly at the bottom of the screen to set it as your destination.

- 1 Open the navigation screen by using desired option.
 - On the All Menus screen, tap **Navigation Menu**.
 - On the control panel, tap the **[NAV]** button.
- 2 Touch a shortcut button where a desired location has been saved.
 - If the destination is active, touch **Yes** to change the destination.

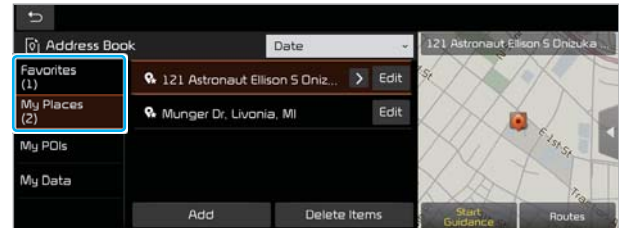


- 3 Select a route and touch **Start Guidance**.

Editing saved locations

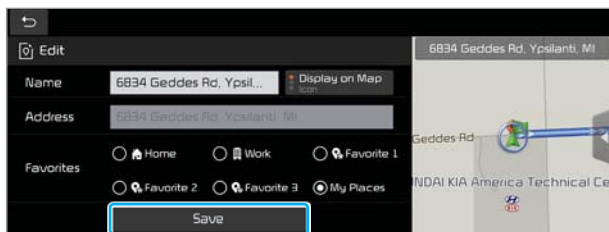
You can edit information, such as the name and phone number, or change the attributes of the information.

- 1 Open the navigation screen by using desired option.
 - On the All Menus screen, tap **Navigation Menu**.
 - On the control panel, tap the **[NAV]** button.
- 2 Touch **Address Book**.
- 3 Select a group including the location information you want to change on the left side of the screen.



4 Touch **Edit** next to the location name from the address book.

5 Edit the information and touch **Save**.



Deleting saved locations

You can delete saved location information.

1 Open the navigation screen by using desired option.

- On the All Menus screen, tap **Navigation Menu**.
- On the control panel, tap the **[NAV]** button.

2 Touch **Address Book**.

3 Select a group that includes the location you want to delete and touch **Delete Items**.

4 Select the location you want to delete and touch **Delete ▶ Yes**.

Updating the map

Your vehicle comes with three years of complimentary map updates to your navigation system. To find out if a new update is available, please refer to the following options:

Changing navigation settings

You can customize various settings for navigation, such as map view and guidance settings.

On the Home screen, touch **All Menus ► Setup ► Navigation.**

Display

- **Unit:** Select a unit of measure for the distance display on the map.
- **Show Previous Destinations after Navigation Start-up:** Set whether to view previous destinations when the navigation starts up.
- **Automatic Return after Scrolling:** Set whether to return to your current location automatically 10 seconds after you move to another location by swiping on the map.
- **Save Previous Destinations:** Set whether to save your previous destinations, frequently visited points, and starting points automatically. If you activate this option, the list of your previous destinations will appear when you access the map for the first time after your system is turned on.

	<ul style="list-style-type: none">• Speed Limit: Set whether to display the speed limit.• GPS Information: View GPS satellite status and the coordinates of your current location.
Traffic/ Guidance	<ul style="list-style-type: none">• Source of Traffic Info: Select a source to receive traffic information from.• Traffic-based Rerouting: Set to search the route on a regular basis and to accept guidance reflecting the latest traffic conditions.• Number of Guidance Prompts: Set whether to hear more or fewer voice guidance prompts before each maneuver.• Show Traffic Information: Set whether to view traffic information on the map.
Default	Reset your navigation settings to the default values.

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MEMO



06

UVO




- UVO services
- Activating the service
- Locating the UVO buttons
- Using the UVO menu
- Using Voice Local Search
- Contacting the UVO Center

UVO services

UVO provides connected car services, such as roadside assistance and emergency rescue, via the latest IT and communication technologies.

Once subscribed, you can access UVO services via the buttons on the inside rearview mirror. You can also access other useful features using the UVO menu on your system.

Refer to the UVO Service Manual for more UVO features.

-  • You must be an active UVO subscriber or within the initial free trial period to receive UVO services, including Auto Crash Notifications.
- Depending on conditions, such as the vehicle type, the system type, or the subscribed service package, available services may vary.
- Some services may incur additional charges.
- Services may be modified, added, or deleted according to changes in the company's policies.

Activating the service

Once you sign up for UVO, you must activate the service to use it on the system.

On the All Menus screen, tap **UVO ► UVO Settings ► Service Activation**.



Caution

Do not stop the engine while the activation is in progress. Doing so may cause a system malfunction.



- If the activation fails, contact the UVO Center.
- While the activation is in progress, the system buttons will be locked.

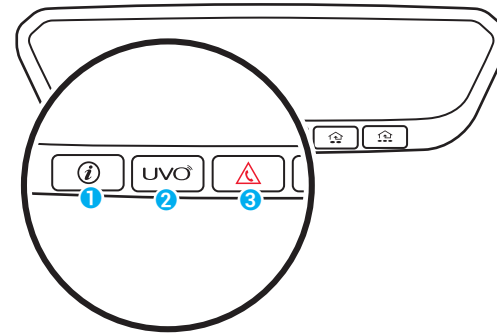
Service limitations

Because the UVO service is provided via mobile networks, the use of the service may be restricted depending on the mobile network status. Check the network signal icon (📶) at the top line of the screen to see if the network signal strength is proper.

- It is recommended to use the service when the network signal icon has more than four signal bars.
- Depending on the mobile network status, the use of the UVO service may be affected in the following places:
 - In a building or tunnel
 - In a mountain or dense forest
 - On a road close to cliffs
 - In an area with a lot of high buildings
 - On a highway or a road under overpass
 - Out of a service area based on the mobile network service provider's coverage policy

Locating the UVO buttons

You can access UVO services via the buttons on the inside rearview mirror.

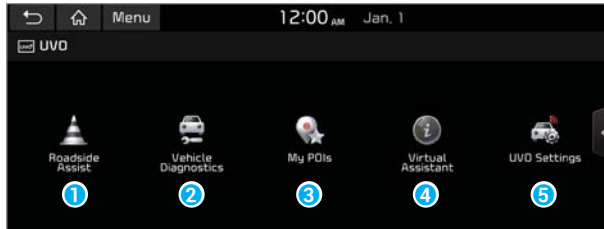


- 1 Call the UVO Center.
 - 2 Start Voice Local Search to search for locations with voice commands.
 - 3 Call for an emergency service.
- Depending on vehicle models and specifications, the illustration may differ from the product's actual appearance and layout.

Using the UVO menu

You can use the UVO service via the UVO menu on the system.

On the All Menus screen, tap **UVO**.



- 1 Provides services including emergency assistance and vehicle towing in case of a vehicle anomaly or emergency through a connection to the UVO center.
- 2 Diagnoses anomalies in the vehicle and checks diagnostic results.
- 3 Displays the POI information transmitted via webpages, the user's smartphone, etc.
- 4 Connects to the UVO center and provides information about the UVO features.
- 5 Displays Service Activation, 911 Connect, and Modem Information.


Viewing driving information

You can see your driving patterns by checking information such as driving time, distance, idling time ratio, and speed distribution. Use driving information for safe and economical vehicle operation.

1 On the All Menus screen, tap **Driving Info**.

2 View your vehicle's driving information.

To view the latest information, touch **Update**.



 You can use this function only when your vehicle is stationary with the engine is running.

Using the Roadside Assist

Roadside Assist provides services including emergency assistance and vehicle towing in case of a vehicle anomaly or emergency through a connection to the UVO center.

You can still use the Roadside Assist feature without activating in UVO. However, the Roadside Assist feature is not available if your UVO period is expired. When your service period is expired, please reactivate your service to use the Roadside Assist feature.

Use the desired method.

- On the All Menus screen, tap **UVO ► Roadside Assist**.
 - On the inside rearview mirror, press the [] button.
-  • You can still use the Roadside Assist feature without registering for UVO.
- If you have no network coverage, please move to a new location and try again.

Diagnosing your vehicle

Manual Diagnostics

Vehicle Diagnostics diagnoses anomalies in the vehicle and provides diagnostic results. UVO Activation(Enrollment) is needed to use Vehicle Diagnostics. This feature is only available when the vehicle is stationary because there are controls that are undiagnosable when the vehicle is in motion. If you switch to another screen during Vehicle Diagnostics, Vehicle Diagnostics will be cancelled.


1 On the All Menus screen, tap **UVO ► Vehicle Diagnostics**.

2 Select the desired item.

- **Schedule Service** : Requests a service from your preferred dealership or a nearby dealership.
- **Roadside Assist** : Connects to the center for Roadside Assist. (For more information, see the Roadside Assist section.)


3 If you select **Schedule Service**, choose your desired option.

- **Preferred** : Sends vehicle diagnostics results to the registered dealer on MYUVO.com to request a phone appointment.
- **Nearby** : Receives a list of nearby dealers, and after you have selected a dealer, sends vehicle diagnostics results to the dealer to request a phone appointment.

 To send a Schedule Service request to a preferred dealer, please register the dealer on MyUVO.com first.

| Auto Diagnostics

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

 If Vehicle Diagnostics (Auto Diagnostics) was unsuccessful, the diagnostics is automatically performed again when you turn on your vehicle.

My POIs

My POIs allows you to check a list of POIs that were transmitted via a webpages or your smartphone, etc.

You need to sign up for UVO to use My POIs.


When a list of POIs is downloaded, a notification pop-up appears on the screen. (Not applicable to the Rear View Camera screen and the Agree screen.)

Up to 200 POIs can be stored. If the available storage space is exceeded, the oldest POI is automatically deleted.

1 On the All Menus screen, tap **UVO ► My POIs**.

2 Select the desired POI to view detailed information about it.

- **Phone Number** : If you select Phone Number, a call is made to the phone number.
- **Address** : If you select Address, the address is plotted on the on-screen map.

 If the address of the desired POI is located outside the U.S., the map screen is not displayed.

Deleting My POIs

- 1 On the All Menus screen, tap **UVO ▶ My POIs ▶ Menu ▶ Delete**.
- 2 Select a POI you wish to delete and select **Delete**.
 - **Mark All** : Description Mark All
 - **Unmark All** : Deselects all the selected POIs.
 - **Delete** : Deletes the selected POIs.

Virtual Assistant

Virtual Assistant connects to the UVO center and provides information about the UVO features.

The Virtual Assistant feature is not available if your UVO period is expired. When your service period is expired, please reactivate your service to use the Virtual Assistant feature.

- 1 On the All Menus screen, tap **UVO ▶ Virtual Assistant**.
- 2 Select the desired POI to view detailed information about it.
 - **Keypad** : Displays the numeric keypad.
 - **End** : Ends Call.



The Virtual Assistant is not available during a Bluetooth call.

UVO Settings

For more details, refer to **Settings ▶ UVO**.

Using Voice Local Search


With UVO, you can search for locations from the online map database by using voice commands.


If you did not update the map or system or you cannot find your destination in the navigation, you can use the latest information from the online server to search for locations and receive guidance.

- 1 On the inside rearview mirror, press the [UVO] button.


Voice recognition starts with a voice guidance.

- 2 After the voice guidance ends and you hear a beep, say a command.

To search for a location by entering a keyword manually using the keyboard, touch .


- 3 To end voice recognition, touch  on the screen or press the [UVO] button on the inside rearview mirror.




- This feature operates separately from voice recognition that is activated by the [- Depending on the system language, voice recognition may not be supported.

Contacting the UVO Center

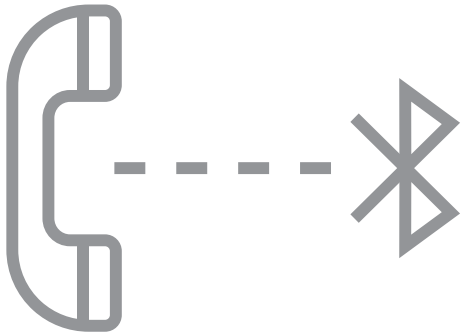
You can contact a UVO Center representative directly to request help or make inquiries.

On the inside rearview mirror, press the [

- When connected to the UVO Center, ask a representative for the service you need.
- To end the call, press the [

07

Bluetooth



Bluetooth function

Sending or receiving a call via Bluetooth


Listening to music via Bluetooth

Bluetooth function

Bluetooth is a short-range wireless networking technology. The Bluetooth 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 multiple devices more efficiently.

Warning

Pull over the vehicle at a safe place before connecting a Bluetooth device to the system. When a traffic accident occurs while attempting connection, it may cause severe or fatal injury.

-  To use the Bluetooth function, connect a device that supports Bluetooth communication such as mobile phone or MP3 player. Make sure that the device supports Bluetooth communication.
- 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 about compatible devices, visit the company website at <http://www.kia.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.

 You can add Bluetooth devices up to 6.


1 Use the desired method.

- On the All Menus screen, tap **Setup ▶ Device Connections ▶ Bluetooth ▶ Bluetooth Connections ▶ Add New**.
- On the steering wheel, press the [] button.
- On the All Menus screen, tap **Phone**.

2 Select the function to connect.




3 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 window.




4 Check that the authentication code on the Bluetooth device screen matches the one on the system screen and approve the connection on the device.

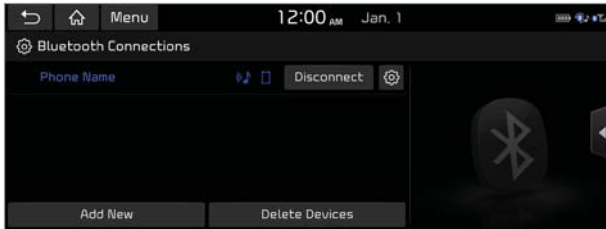
-  When your Bluetooth device is a mobile phone, to download the contacts and messages from the phone, you must allow the access request on the mobile phone.
- After the access request is approved, it may take a while until Bluetooth connection is completed. As soon as Bluetooth connection is completed, 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.
- You cannot register another device while operating a Bluetooth device.
- In order not to use the automatic Bluetooth connection, turn off the Bluetooth function on the device.


Connecting a registered device

To use a Bluetooth device, first connect a registered Bluetooth device to the system.

 You can connect a single Bluetooth hands-free kit or two Bluetooth audio devices.

- 1 On the All Menus screen, tap **Setup ► Device Connections ► Bluetooth ► Bluetooth Connections**.
- 2 Tap the device name to connect or tap **Connect**.



-  • 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.
- When connection is unstable due to a Bluetooth communication error, on the All Menus screen, tap **Setup ► Device Connections ► Bluetooth ► Reset** to reset the Bluetooth function and connect the device again.

Disconnecting a registered device

- 1 On the All Menus screen, tap **Setup ► Device Connections ► Bluetooth ► Bluetooth Connections**.
- 2 Tap the connected device name or tap **Disconnect**.

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 All Menus screen, tap **Setup ► Device Connections ► Bluetooth ► Bluetooth Connections ► Delete Devices**.
- 2 Select a device to delete and tap **Delete**.
To delete all registered devices, tap **Mark All ► Delete**.
- 3 Tap **Yes**.

Sending or receiving a call via Bluetooth

You can connect to Bluetooth and make a call without manipulating your mobile phone. See the call information on the system screen and make a call easily by using the embedded microphone and speaker.

Warning


- Pull over the vehicle at a safe place before connecting your mobile phone. When a traffic accident occurs while attempting connection, it may cause severe or fatal injury.
- 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.

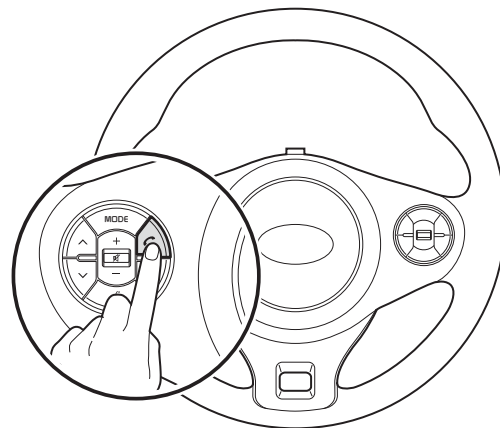
 With voice recognition, you can make a call easily without manipulating the system screen while driving. ▶ See page 11-1 “Voice Recognition.”

Making a call via Bluetooth

You can connect a Bluetooth device with the hands-free function to use a Bluetooth phone.

1 Use the desired method.

- On the All Menus screen, tap **Phone**.
- On the steering wheel, press the  button.



2 Tap .

3 Use the keypad to enter a phone number and tap .



When contacts are on the system, search for the desired contact by entering the initial letters or number on the keypad (e.g. John Doe ► JD).



Using the connection menus

You can use the Bluetooth call-related menus.


On the Bluetooth call screen, tap **Menu** and use the desired option.

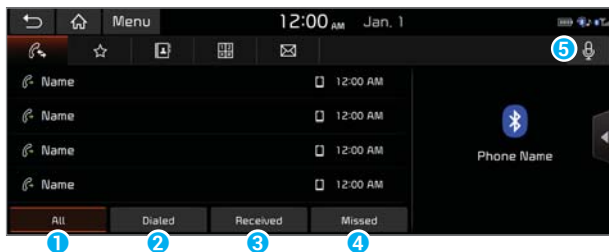
- **Change Device:** Can change the connected device. This option is available when multiple Bluetooth devices are registered.
- **Privacy Mode:** Can hide the lists for contacts, recent calls, favorites, and messages on the screen.
- **Bluetooth Preferences:** Can configure the settings for Bluetooth connection. ► See page 7-2 “Bluetooth function.”
- **Bluetooth Settings:** Can change the Bluetooth settings.
- **Split Screen:** Can turn on or off the split screen mode.

Using the recent calls list

1 On the Bluetooth Call screen, tap .

2 Tap a desired call from the list.

 You can move to a desired number by pushing the [\wedge/\vee] lever on the steering wheel without tapping on the screen.



1 Can see all the call records.


2 Can see only sent calls.

3 Can see only received calls.

4 Can see only missing calls.

5 Can use the voice recognition to make a call.


3 Tap the contact to make a call.


-  To download the recent call records, tap **Menu** ► **Download**. You can download up to 50 call records for each list.
- The download function may not be supported on some phone models. For more information about compatibility, visit the company website at <http://www.kia.com>.
- 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.
- The sending, reception, and call times do not appear on the system screen.

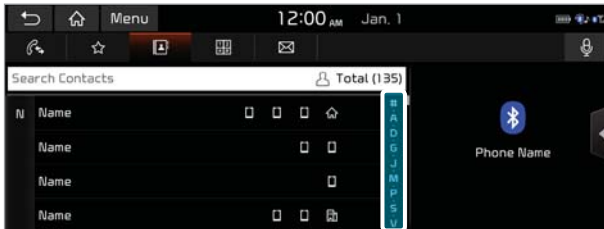
Using the contacts list

You can use the contacts list on the connected phone.

■ Making a call to a contact


- 1 On the Bluetooth call screen, tap .
- 2 Tap a contact to make a call.

 You can search for a desired contact from the contacts list after tapping the index.




■ Loading contacts

You can download contacts from the connected phone.

- 1 On the Bluetooth call screen, tap .
- 2 Tap **Menu ► Download**.

The contacts on the connected phone and its SIM card are downloaded at the same time.

-  The contacts on the SIM card may not be downloaded in case of some phone models.
- You can download only the contacts that can be displayed on the connected Bluetooth device. The contacts may not appear in some applications.
- You can download up to 5,000 contacts for each device.
- The download may not work in some phone models. For more information about compatibility, visit the company website at <http://www.kia.com>.
- The downloaded contacts may be lost depending on the system specifications.
- When speed dial numbers are set to contacts on the phone, press and hold a speed dial number on the keypad 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.

Using favorite contacts

You can register a list of frequently used phone numbers and use it to make a call easily.

■ Adding a favorite contact

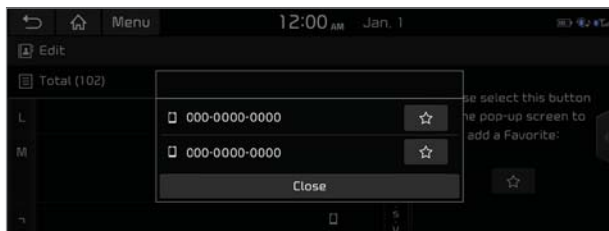
- 1 On the Bluetooth call screen, tap ☆.



- 2 On the favorites screen, tap **Add New** and select a name from the displayed list.

- 3 Tap the gray star button (☆) next to the phone number to add to the favorite contacts list.

The color of the button becomes orange and the phone number is added to the list.



- To edit or delete a phone number in the favorite contacts list, tap **Menu ► Edit** or **Delete**.
- You can add up to 10 favorite contacts for each device.
- In the favorite contacts list, the default emergency phone number is set for use upon emergency.
- When another mobile phone is connected, the screen does not display the contacts from the previous phone but they are kept in the system until the phone is deleted from the list.

■ Editing a favorite contact

- 1 On the Bluetooth call screen, tap ☆.
- 2 Tap **Menu ► Edit** and edit the contact.

■ Deleting a favorite contact

- 1 On the Bluetooth call screen, tap ☆.
- 2 Tap **Menu ► Delete**.
- 3 Select a phone number to delete and tap **Delete ► Yes**.

Answering a call

When there is an incoming call, the call notification window appears.




To answer the call, tap **Accept**.

Alternatively, press the [] button on the steering wheel.

Rejecting a call



To reject a call, tap **Reject**.

Alternatively, press the [] button on the steering wheel.

-  To reject by sending a call-reject message, tap **Messages**. From the list, select the call-reject message and tap **Send**.

Putting a call on hold

To close the incoming call notification and put the call on hold for a moment, tap **Hold**.

-  • To return to the incoming call window, press the [] button on the steering wheel.
- The call-reject or auto reply message may not be supported in some phone models.
- You can set to automatically reject an incoming call and send the auto reply message to the caller. ► [See page 13-5 “Configuring Bluetooth connection settings.”](#)
- 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.

Using functions during a call

During a call, the following screen appears.

Use the desired option by tapping a button.



- 1 Can turn off the microphone so that the other party cannot hear you.
- 2 Can adjust the microphone volume.
- 3 Displays the keypad screen.
- 4 Used to switch the call to the mobile phone. This option may not be available in some phone models.
- 5 Used to end a call.

- When a caller is in the contact list, the caller's name and phone number appear. Otherwise, only the phone number appears.
- During a call with a Bluetooth connection, you cannot switch to another screen such as AV 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 previous call is put on hold.

To switch between two calls, use the desired option.


- Tap **Switch**.
- Tap a displayed phone number.



 This option may not be available in some phone models.

Checking a message

After connecting a mobile phone via Bluetooth, you can check the received messages through the system screen and listen to voice messages converted from the text messages. This option is available when a mobile phone is connected via Bluetooth. You can also send the brief reply message registered in the system.

- 1 On the Bluetooth Call screen, tap .
- 2 Select a message from the list.
- 3 Check the message.

Using the connection menus

You can use the menus for Bluetooth messages.

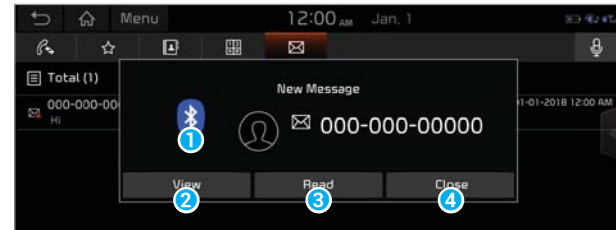
On the Bluetooth message screen, tap **Menu** and use the desired option.

- **Change Device:** Can change the connected device. This option is available when multiple Bluetooth devices are registered.
- **Privacy Mode:** Can hide the lists for contacts, recent calls, favorites, and messages on the screen.
- **Message Settings:** Displays the message settings screen. [▶ See page 13-6 “Message Settings.”](#)
- **Bluetooth Preferences:** Can configure the Bluetooth connection settings. [▶ See page 7-2 “Bluetooth function.”](#)
- **Bluetooth Settings:** Can change the Bluetooth settings.
- **Split Screen:** Can turn on or off the split screen mode.


Checking a new message

When a message is received, the new message notification window appears.

To check the message, tap **View**.




- 1 Can see the sender.
- 2 Can see the message details.
- 3 Reads out the message through the speakers in the vehicle.
- 4 Used to close the notification window.

 The message notification window does not appear when the privacy mode is enabled or the message notification is turned off.

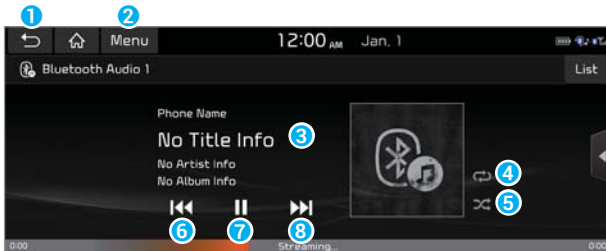
Listening to music via Bluetooth

You can connect a Bluetooth audio device to listen to music on the device through the vehicle's speaker.

1 On the control panel, press the [MEDIA] button.

 When multiple media are connected, press the [MEDIA] button once more, and on the media selection window, tap **Bluetooth Audio**.


2 Use the desired functions.



- 1 Moves to the previous screen.
- 2 Can perform the related options.
 - **Bluetooth Preferences:** Can configure the Bluetooth connection settings. ▶ See page 7-2 “Bluetooth function.”
 - **Media Sources:** Displays the media selection window.

- **Sound Settings:** Can configure the system sound settings. ▶ See page 13-8 “Configuring the sound settings.”
- **Split Screen:** Can turn on or off the split screen mode.

- 3 Can see information of the playing music file.
- 4 Can set the repeat playback mode.
- 5 Can set the random playback mode.
- 6 Can play the current music file again.
Can play the previous file by double-tapping the icon.
- 7 Can pause or resume playback.
- 8 Can play the next file.

-  • The player can be manipulated in the same way as in the media player. ▶ See page 8-3 “Manipulating the Media Player.”
- The operations may differ depending on the connected Bluetooth device or phone model and the music player application.
 - The streaming may not be supported in some music player applications.
 - 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.

MEMO

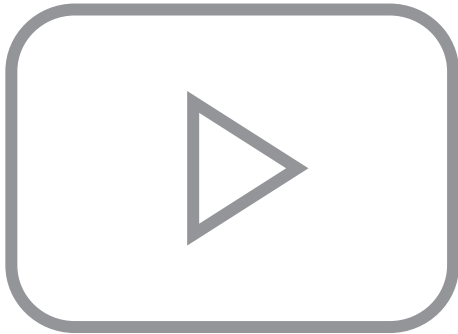


08

Media Player

Using the Media Player

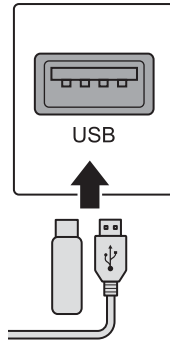
Using the USB mode




Using the Media Player

You can play music or video files on various media devices such as USB storage and smartphone.

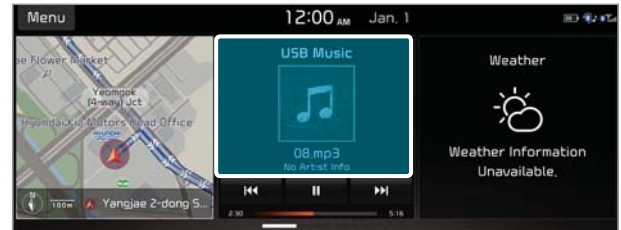
1 Connect a media device to play to the multimedia USB port.




 Playback may start automatically depending on the media type.

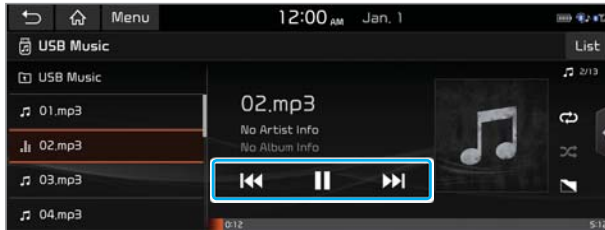
2 Use the desired method.

- On the steering wheel, press the **[MODE]** button to run Media Player.
- On the control panel, press the **[MEDIA]** button.
- On the Home screen, tap the AV info widget.



-  When multiple media are connected, press the **[MEDIA]** button once more and then tap the desired media source from the media selection window.
- The shapes and arrangement of the buttons and multimedia USB port may differ depending on the vehicle model and specifications.

Manipulating the Media Player



Pause/Resume


Use the desired method.

- Tap **|| / ▷**.
- On the steering wheel, press the [**⏸**] button.

Rewind/fast-forward

Use the desired method.

- Tap and hold **⏮ / ⏭**.
- On the control panel, tap and hold the [**<SEEK**] or [**TRACK >**] button.
- On the steering wheel, press and hold the [**^ / v**] lever.

 When you run the Media Player with a Bluetooth audio device connected, you can rewind or fast-forward playback by using the buttons on the control panel or steering wheel.

Resuming playback of the current music or video


Use the desired method.

- Tap **⏮**.
- On the control panel, tap the [**<SEEK**] button.
- On the steering wheel, press up the [**^ / v**] lever.

Playing the previous or next music or video

Use the desired method.


- Double-tap **⏮ / ⏭**.
- On the control panel, press the [**<SEEK**] / [**TRACK >**] button twice consecutively.
- On the steering wheel, press up or down the [**^ / v**] lever.

-  On the control panel, turn the [**TUNE/FILE**] knob to search for a music or video file and press the knob within 5 seconds to play the file.
- When there is no operation for 5 seconds, the search stops and the system displays the information of the playing content.

Setting to repeat playback

Tap  repeatedly.


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

 The active mode differs depending on the playing media or list.

Setting to do random playback


Tap  repeatedly.

Each time the icon is tapped, the random playback mode is turned on and off. When the random playback mode is active, the screen displays the random playback mode icon.


-  • The active random playback mode differs depending on the playing media or list.
- The random playback does not support for video files.
 - For more information about media sources, see descriptions for each media source. The Bluetooth audio mode is described in the chapter, “Bluetooth.”

Using the USB mode

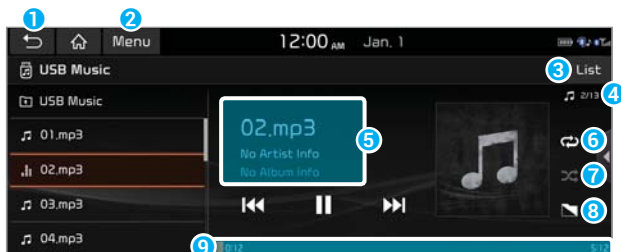
In USB mode, you can play media files on a mobile device such as USB storage or MP3 player.

 Check that the device is compatible and the media file formats are available. ▶ See page 15-7 “USB mode.”

Listening to music

- 1 Connect a USB device to the multimedia USB port in your vehicle.
 - 2 Use the desired method. Media Player appears in full screen.
 - On the Home screen, tap the AV info area.
 - On the control panel, press the **[MEDIA]** button.
-  When multiple media are connected, press the **[MEDIA]** button once and then tap **USB Music** from the media selection window.

3 Use the desired functions.



- ❶ Used to return to the previous screen.
- ❷ Used to run any of related menus.
 - **Songs by this Artist:** Moves to the list of the artist's songs.
 - **Songs from this Album:** Moves to the list of music albums that contain the current song.
 - **Media Sources:** Opens the media selection window.
 - **Sound Settings:** Can configure system sound settings. ▶ See page 13-8 “Configuring the sound settings.”
 - **Split Screen:** Can turn on or off the split screen mode.
- ❸ Moves to the file list screen.
- ❹ Can see the number of files to play.

- ❺ Can see the information of the playing song.
- ❻ Can set the repeat playback mode.
- ❼ Can set the random playback mode.
- ❽ Can delete the file that is playing.
- ❾ Can see the duration of the playing song and the current playback position.

⚠ Caution

- Be sure to start the engine before connecting a USB device. When you start the engine 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 for your body or any object not to contact the multimedia USB port. 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 multimedia 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 all the way into the multimedia 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 delete files in the USB storage devices formatted in FAT16/32. The deleted files are moved to the “Hidden_” folder.

Seeing the music file list


- 1 On the USB music playback screen, tap **List**.
- 2 Tap the screen to open a folder, or move to another category to play the desired music file.



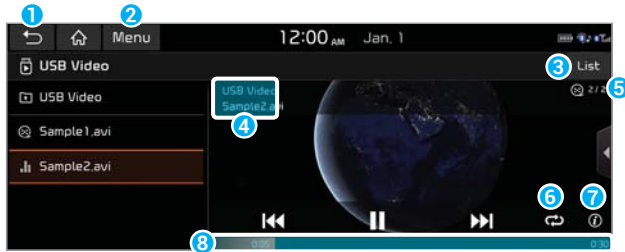
- 1 Used to return to the previous screen.
- 2 Used to run any of related menus.
 - **Now Playing:** Moves to the folder where the playing file is located. This option is disabled when the file belongs to the current list.
 - **Media Sources:** Opens the media selection window.
 - **Split Screen:** Can turn on or off the split screen mode.
- 3 Moves to the upper folder or category.
- 4 Can see the folder or category name.
- 5 Can see music files for each category.

Playing a video file

- 1 Connect a USB device to the multimedia USB port. On the control panel, press the [MEDIA] button.

 When multiple media are connected, press the [MEDIA] button once more and then tap **USB Video** from the media selection window.

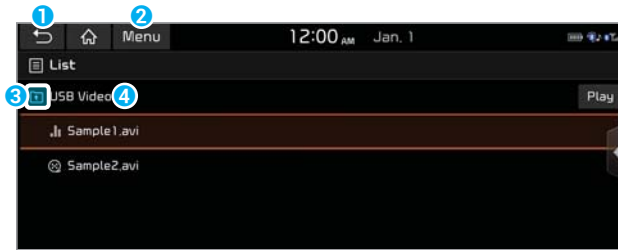
- 2 Select and perform the desired option.



- 1 Used to return to the previous screen.
- 2 Used to run any of related menus.
 - **Info:** Can see the information of the playing video file.
 - **Change Audio:** Can change the audio track. This option is available when the playing video contains multiple audio tracks.
 - **Media Sources:** Can see the media selection window.
 - **Sound Settings:** Can configure system sound settings. ▶ See page 13-8 “Configuring the sound settings.”
 - **Display Settings:** Can configure system screen settings. ▶ See page 13-5 “Configuring the display settings.”
 - **Split Screen:** Can turn on or off the split screen mode.
- 3 Moves to the file list screen.
- 4 Can see the folder and file names.
- 5 Can see the number of files to play.
- 6 Can set the repeat playback mode.
- 7 Can see the information details.
- 8 Can see the duration of the currently playing video and the current playback position.

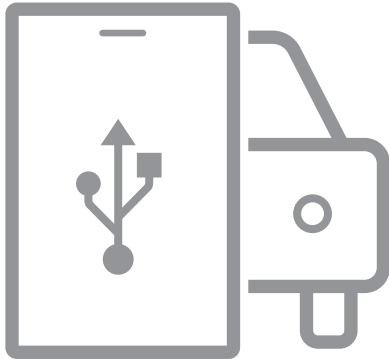
Seeing the video file list

- 1 On the USB video playback screen, tap **List**.
- 2 Use the desired options to see the list of video files.



- 1 Used to return to the previous screen.
- 2 Used to run any of related menus.
 - **Now Playing:** Moves to the folder where the playing file is located. This option is disabled when the file belongs to the current list.
 - **Media Sources:** Can see the media selection window.
 - **Split Screen:** Can turn on or off the split screen mode.
- 3 Moves to the upper folder.
- 4 Can see the current folder name.

Phone Projection



Phone Projection function

Pairing to an iPhone via Apple CarPlay

Ending the Apple CarPlay

Pairing to an Android smartphone via Android Auto

Ending the Android Auto

Pairing to an Android smartphone via MirrorLink

Ending the MirrorLink

Phone Projection function


By using the Phone Projection function, you can run and control applications on the Android smartphone or iPhone through the wide screen and convenient user interfaces.

Caution

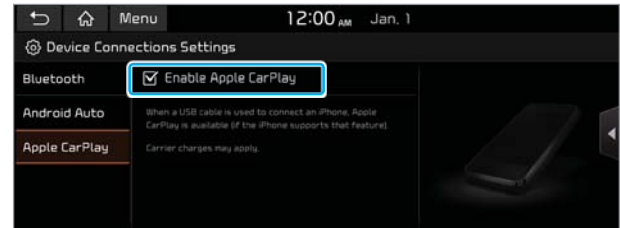
- Use only the applications that support the phone projection. When you are using an application that does not support the phone projection, problems may occur on the system or smartphone.
- The phone projection screen displays only the applications that support the phone projection. The applications that support the phone projection can be found at the following websites:
 - Apple CarPlay: <https://www.apple.com/ios/carplay>
 - Android Auto: <https://www.android.com/auto>

Pairing to an iPhone via Apple CarPlay


To use Apple CarPlay, first check the following:

-  • For iPhone models that support Apple CarPlay, visit the Apple website at <http://www.apple.com/ios/carplay>.
- Make sure that the Apple CarPlay is activated in the iPhone settings. When Apple CarPlay is not available, update to the latest version of iOS.

- 1 On the All Menus screen, tap **Setup ▶ Device Connections ▶ Apple CarPlay** and then check **Apple CarPlay**.



2 Connect an iPhone to the multimedia USB port on the vehicle by using the provided USB cable.

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

Caution





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

3 When the iPhone is locked, first unlock it and then consent to the use of phone projection.

After the iPhone is recognized, the Home screen displays the **Apple CarPlay** menu.

4 On the All Menus screen, tap **Apple CarPlay**.

5 Perform the desired function.

- To run any of functions (phone, messaging, navigation, etc.) on your iPhone, tap the corresponding function icon.
- To display the Apple CarPlay main screen, tap .
- To display the system Home screen, tap .
- To run the Siri voice recognition, press the [>] button on the steering wheel.
- To run the media application in the iPhone, press the **MODE]** button on the steering wheel.
- To answer a call, press the [>] button on the steering wheel.



- You cannot change the phone projection settings when a USB cable is connected.
- Applications 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 <http://www.apple.com/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.
- You may be charged a communication fee for use of the phone projection.
- Some functions may not work properly depending on the network signal strength.
- Avoid manipulating the smartphone when the phone projection is in use.
- You cannot use the following functions when Apple CarPlay is in use.
 - Bluetooth
 - UVO phone call
 - USB mode
 - Volume control (depends on the connected device)
 - Browse function using the **[TUNE/FILE]** knob
 - Android Auto

Ending the Apple CarPlay

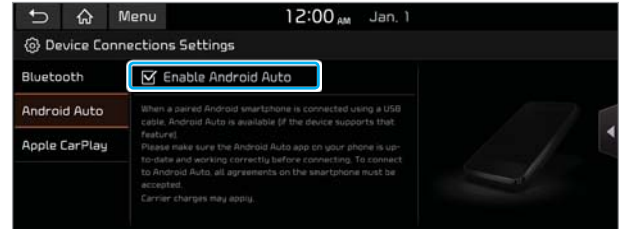
To end the Apple CarPlay and disconnect from the iPhone, remove the USB cable from the system.

Paring to an Android smartphone via Android Auto

To use Android Auto, first check the following.

- Visit the Google website at <https://www.android.com/auto> and check the countries, device types and models that support Android Auto.
- Download and install the Android Auto application from Google Play Store. It is not possible to install Android Auto in countries that do not support the feature.

- 1 On the All Menus screen, tap **Setup ► Device Connections ► Android Auto** and select the **Android Auto** checkbox.



- 2 Connect a smartphone to the multimedia USB port on your vehicle by using the USB cable.

- When connection is made for the first time, the system screen displays a notification window. Check the details and then tap **OK**.

Caution

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


3 When the smartphone is locked, first unlock it and then consent to the use of phone projection.

After the smartphone is recognized, the Home screen displays the **Android Auto** menu.

4 On the All Menus screen, tap **Android Auto**.

5 Perform the desired function.

- To run the functions for phone, music, or navigation on the smartphone, tap the corresponding app icon.
- To use the Google voice recognition, press the [🗣️] button on the steering wheel.
- To run a media app on the smartphone through the system, press the [MODE] button on the steering wheel.
- To make a Bluetooth call, press the [📞] button on the steering wheel.

-  • You cannot change the phone projection settings when a USB cable is connected.
- The icons on the screen are subject to change according to the policy of Google Corporation.
- Applications 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.
- You may be charged a communication fee for use of the phone projection.
- Some functions may not work properly depending on the network signal strength.
- Avoid manipulating the smartphone when the phone projection is in use.
- You cannot use the following functions when Android Auto is in use.
 - Bluetooth audio
 - UVO phone call
 - USB mode
 - Browse function using the [TUNE/FILE] knob
 - Apple CarPlay

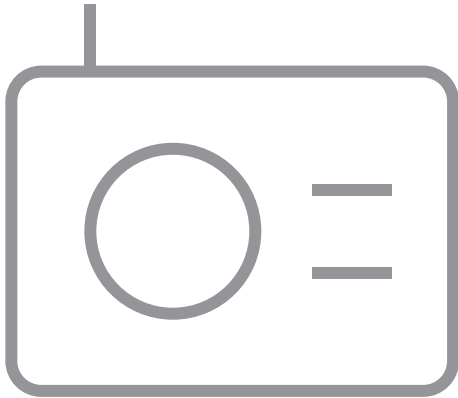
Ending the Android Auto

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

MEMO



10 Radio



- Manipulating the radio
- Changing the radio mode
 - Selecting a channel
- Registering the current channel
 - Editing the channel list
- Listening to HD Radio™
- Listening to SiriusXM™ radio

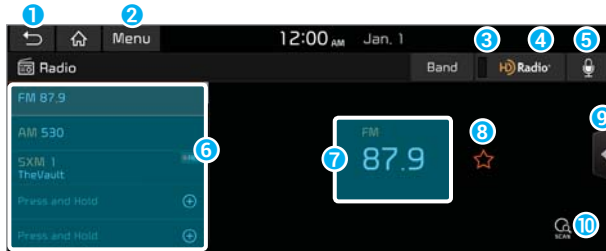
Manipulating the radio

Use the desired method.

- On the All Menus screen, tap **Radio**.
- On the control panel, press the [**RADIO**] button.
- On the steering wheel, press the [**MODE**] button repeatedly to display the radio screen.

Radio screen

The radio screen provides various functions while listening to radio broadcasts.



- 1 Used to return to the previous screen.
- 2 Used to run any of related menus.
 - **Station List:** Can see the list of available radio stations.
 - **Auto-sort Presets:** Can sort the presets list according to the order of radio station frequencies.
 - **Reorder Presets:** Can change the channels on the presets list by dragging.
 - **Delete Presets:** Can delete a registered channel from the presets list.
 - **Sound Settings:** Can configure system sound settings.
▶ See page 13-8 “Configuring the sound settings.”
 - **Split Screen:** Can turn on or off the split screen mode.
- 3 Select a radio mode.
- 4 Activate the HD Radio mode.
- 5 You can also use radio commands for voice recognition.
▶ See page 11-7 “Radio commands.”

- 6 Displays the presets list. When you select a desired channel from the list, you can listen to the corresponding radio broadcast. When you tab and hold the current channel, the channel is added to the presets list.
- 7 Displays the frequency and other information of the current channel.
- 8 Can register the current frequency to the presets list. When you tab the icon once again, the icon is disabled and the frequency is deleted from the presets list.
- 9 Split Screen: Can turn on or off the split screen mode.
- 10 You can listen to each channel for a short time and select a desired channel.

- 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.

Changing the radio mode

Use the desired method.

The radio mode changes in the order of **FM** ► **AM** ► **SiriusXM**.

- On the radio screen, press the [**Band**] button repeatedly.
- Repeatedly press the [**RADIO**] button on the control panel or the [**MODE**] button on the steering wheel.



Selecting a channel

Selecting a channel from the presets list

Use the desired method.

- On the radio screen, tap a desired channel from the presets list.
- On the steering wheel, press the [\wedge/\vee] lever.

You can listen to the previous or next channel in the presets list.



Moving to the previous/next channel

You can move to the previous or next channel nearest to the current channel.

On the control panel, press the [**<SEEK**] or [**TRACK>**] button.



- Only the channels with good reception are searched.
- To move to another frequency range faster, press and hold the [**<SEEK**] or [**TRACK>**] button. When the pressed button is released, you can listen to the previous or next channel nearest to the current channel.

Selecting a channel by the frequency

When you know an accurate frequency, turn the [**TUNE/FILE**] knob on the control panel to change the frequency.


Using the scan function

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

- 1 On the radio screen, tap .
Only the channels with good reception can be listened for 5 seconds in turn.
- 2 When you find the desired broadcast, tap .
You can listen to the scanned channel continuously.

Registering the current channel

When you register the current channel, you can easily select it later.


-  You can register up to channels.
- To arrange the presets according to the order of frequencies, tap **Menu ▶ Auto-sort Presets**.

Registering a channel into the selected preset number

While listening to a broadcast, tap and hold an empty preset number with no channel on the radio screen.

The current channel is registered into the selected preset number.




-  When you tap and hold a preset number occupied by a channel, the assigned channel is replaced by a new one.

Registering the current channel on the radio screen

While listening to a broadcast, tap ☆ in the middle of the screen.

The current channel is registered to the first empty preset in the presets list.

 When the current channel is already assigned and you tap the ☆ icon, the channel is deleted from the list.

Editing the channel list

Changing the order of registered channels

- 1 On the radio screen, tap **Menu ► Reorder Presets**.
- 2 In the presets list, tap and hold the ≡ icon next to the channel to change its sequence and then drag it to another position.
- 3 Tap the ↶ button.
The presets list is updated with the sequences changed.

Deleting a registered channel

- 1 On the radio screen, tap **Menu ► Delete Presets**.
- 2 Select the channel to delete and tap **Delete ► OK**.
The channel is deleted and the preset number is emptied.

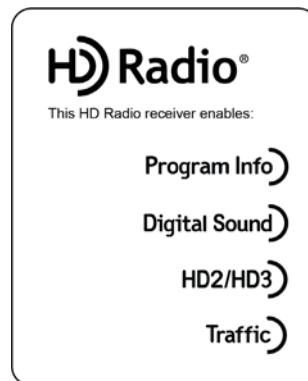
Listening to HD Radio™

If you enable HD Radio reception by touching **HD Radio**, you can listen to HD Radio stations in areas where they are available. When HD Radio signals are received, the radio will switch from the analog mode to the HD mode.



In the HD mode, HD Radio station buttons are displayed at the top of the radio screen. Touch a button to select one of the available HD Radio stations.

 HD Radio is only available in metropolitan areas.



Program Info

Program Info: Presents song name, artist, station IDs, and other relevant data streams.

Digital Sound

Digital, CD-quality sound. HD Radio™ Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.

HD2/HD3

FM stations can provide additional digital-only audio programming on HD2/HD3 Channels.

Traffic

Real-Time Traffic reports, alerts, and flow data displayed on screen via interactive traffic maps and/or data.

Listening to SiriusXM™ radio


You can listen to radio channels provided by SiriusXM, a satellite radio service. Various kinds of channels, such as music, sports, and news, are available via streaming or live broadcast.



- SiriusXM service requires a subscription (sold separately) after the three-month trial included with the vehicle expires. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call Sirius XM at 1-866-635-2349 to cancel. See Customer Agreement for terms and conditions at www.siriusxm.com.
- Programming is subject to change.
- Sirius satellite service is available only to those at least 18 years of age and older in the Continental United States (including Puerto Rico) with coverage limitations.
- Traffic information is not available for all markets. See siriusxm.com/traffic for details.

On the radio screen, touch **Band ► SiriusXM**.



 The **REC** icon will be shown next to the first 10 SiriusXM channels saved. Once preset channels are saved, broadcasts from these channels will be buffered automatically for your convenience each time you start your vehicle.

Searching for SiriusXM radio channels

You can select a channel from the available SiriusXM channels list.

- 1 On the radio screen, touch **Band ► SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Menu ► Channel List**.
- 3 Select a category and a channel.

To skip a channel when scanning with the [**▼ TRACK**] and [**▲ SEEK**] buttons or [**TUNE**] knob, touch **Skip**.

Selecting channels by using channel numbers

If you know the exact channel number, you can enter it to select the channel directly.

- 1 On the radio screen, touch **Band > SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Enter Channel**.
- 3 Enter a channel number and touch OK.



Viewing the program schedule

You can view the program schedule and information for the channels stored in your preset list.

- 1 On the radio screen, touch **Band ► SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Menu ► What is on My Presets?**
- 3 Set a date and time on the top line of the screen.
 - To select a date, touch the date display field at the top left of the preset list and select a date and time zone.
 - To select a time, touch ◀ or ▶.
- 4 Select a channel and a program to view its detailed information.
 - 📄 If there is hidden information, an arrow will appear next to the program. Touch the arrow to view the hidden information.

Listening to Featured Favorites channels

You can listen to Featured Favorites channels on SiriusXM radio. Multiple sets of channels can be broadcast and can be changed by SiriusXM.

- 1 On the radio screen, touch **Band ► SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Menu ► Featured Favorites**.
- 3 Select a channel.

MEMO



Voice Recognition



Voice recognition function

Running the voice recognition


Seeing the voice recognition help

List of voice commands

Voice recognition function

With the voice recognition function, you can access various functions for multimedia without manipulating the screen or buttons. This function prevents driver distraction and dangerous situations.




Use voice commands to access various functions easily.

-  • The system can recognize the specified voice commands. ▶ See page 11-5 “List of voice commands” or the [voice recognition help](#).
- Note the following for accurate delivery of command when saying it.
 - Pronounce a command accurately and naturally like a conversation.
 - Keep the correct posture and say a command toward the microphone. The microphone is embedded in the upper area of the rear-view mirror.
- Voice recognition is automatically ended when:
 - You make or receive a call.
 - A media source is connected or disconnected.
 - The front or rear cameras operate (* if equipped),
 - The **[RADIO]** or **[MEDIA]** button is pressed to perform another function.
 - Rerouting or other unexpected action is made due to deviation from the route during guidance.



- Voice recognition may not work properly when:
 - The sunroof or windows are open so the wind is strong.
 - The fan speed of the air conditioner or heater is high (level 3 or below is recommended).
 - The vehicle is passing through a tunnel.
 - The vehicle is driving on an unpaved road and its noise and vibration are loud.
 - Noise is loud due to a heavy rain or storm.


Voice recognition screen

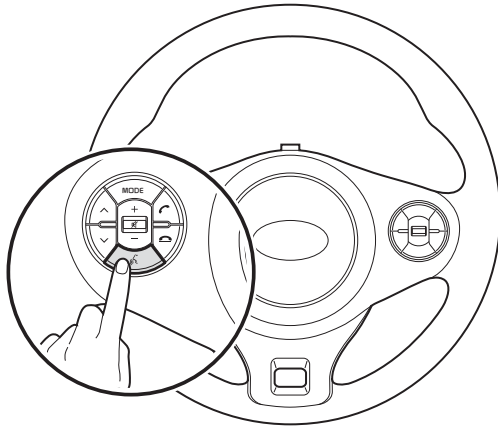
- 1 Different icons appear depending on the voice recognition status.
 -  : Standby
 -  : Voice recognition in progress
 -  : Processing a command
- 2 The recognized voice command appears in text.
- 3 Shows the representative voice command.
- 4 Used to end the voice recognition.

Running the voice recognition

1 On the steering wheel, press the [🗨️] button.

Voice recognition starts along with voice guidance.


 To skip the voice guidance, press the [🗨️] button on the steering wheel.



2 When a beep sound is heard, say a command to perform (e.g. navigation, music, call).

▶ See page 11-5 “List of voice commands” or the voice recognition help.

The recognized command appears in text at the top of the screen and the corresponding function is performed.

-  • When an additional command is required to perform, the commands that can be followed in the next step appear on the screen. Say a command or tap a command.
- When there are several similar commands, say a command number to perform.

3 To end the voice recognition, perform one of the following options:

- In standby mode for voice recognition, say "Exit."
- On the steering wheel, press and hold the [⏏] button.
- On the voice recognition screen, tap **Exit**.

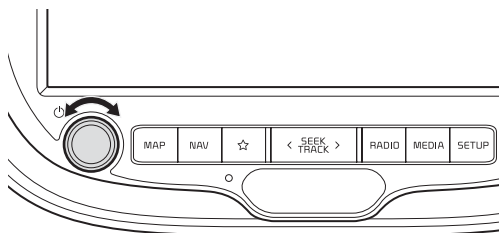


- When the [⏏] button is pressed in standby mode for voice recognition, the standby time is extended.
- When the voice recognition is not available in the multimedia system, press the [⏏] button on the steering wheel and use the voice recognition on your smartphone via phone projection. ▶ See page 9-1 :Phone Projection."

Adjusting the voice guidance volume

Adjust the voice guidance volume when the system volume is so low or high and it interferes with your driving.

When the voice recognition is active, turn the [VOL] knob on the control panel.



Seeing the voice recognition help

You can see more details on how to perform various functions by voice commands.

Caution

The voice recognition help cannot appear while driving to ensure safety. Pull over the vehicle at a safe place and see the help.

1 On the steering wheel, press the [⏏] button.

2 Perform any of the following options:

- On the voice recognition screen, tap **Help**.
- In standby mode for voice recognition, say "Help."

3 Select the desired option and see its help.

- To see the entire help for use of voice commands, tap at the bottom of the screen.
- To see more details on how to use voice commands for each function, tap next to the function name.

4 After seeing the help, perform any of the following options.

- On the help screen, tap **Exit**.
- In standby mode for voice recognition, say “Exit.”



- To see the list of voice commands that can be used for each function, tap or say the function.
- See the list of commands and tap or say the desired command. The corresponding function is performed.

List of voice commands

Phone call commands

Command	Description
Call	Can make a call to a contact registered in the connected Bluetooth phone. Say the recipient name.
Call <Name>	Makes a call to the phone under the specified name. When multiple phone numbers are registered, say the desired number.
Call <Name> on Mobile	Makes a call to the mobile phone under the specified name.
Call <Name> in Office	Makes a call to the office phone under the specified name.
Call <Name> at Home	Makes a call to the home phone under the specified name.
Call <Name> on Other	Makes a call to the phone under the Other group that is not “Mobile,” “Office,” or “Home.”
Change Bluetooth Device	Can find and connect another Bluetooth device.




To use call-related commands, make sure that a Bluetooth phone is connected and the contacts have been downloaded. ▶ See page 7-2 :Bluetooth function.”

Navigation commands

Command	Description
Map	Can see the map.
Find	Can search for the destination. When connected to the Internet, the destination is searched via the Internet. When not connected to the Internet, the destination is searched from the contacts in the system.
Find <POI>	Can search the points of interest near the current position. Follow the instructions to say the desired category name and the place name. ► See page 11-9:POI names.
Find the Nearest <Category>	Can search for a specified category near the current position. e.g. Find the Nearest <Parking Lot>
Destination Information	Can see the information of the set destination.
Previous Points	Can set the destination from the previous destinations, previous searches, and previous start points. Say the number of the desired place.

Command	Description
Previous Destinations	Can set the destination from previous points. Say the number of the desired place.
Previous Searches	Can set the destination from the searched places. Say the number of the desired place.
Previous Starting Points	Can set the destination from the previous starting places. Say the number of the desired place.
Traffic Information	Can see the traffic information.
Go Home	Can set the destination to the location registered as “Home.”
Change Home	Can change the location of home.
Go to Office	Can set the destination to the location registered as “Office.”
Change Office	Can change the location of the office.
Resume Route	Can perform routing again.

Command	Description
Show Route	Displays the entire route to the destination on the map.
Turn Guidance Off	Mutes the voice guidance.
Turn Guidance On	Turns on the voice guidance.
Cancel Route	Can cancel the route guidance.
Resume Guidance	Resumes the route guidance.

 When “Find” command is used, the destination is searched within the current city or province. To set the destination in another city or province, say the city or province and then say the destination.

Radio commands

Command	Description
Radio	Can listen to the radio in the previous mode.
FM <frequency>	Tunes to the specified FM frequency.
AM <frequency>	Tunes to the specified AM frequency.
<Radio broadcasting station name>	Tunes to the frequency of the specified broadcasting station. The broadcasting station name may differ depending on the region.

Home Connect commands (*if equipped)

You can use voice commands to control Home Connect devices. Home Connect devices are set online after you sign up for the Home Connect service.

Home Connect commands can be used only when connected to the Internet. Available functions may differ depending on the device type.

Command	Description
<Location> Light On/Off	Turns on or off the light in the specified <location>. e.g. Living Room Light On
<Location> Plug On/Off	Turns on or off the plug in the specified <location>. e.g. Kitchen Plug On
<Location> Air Conditioner On/Off	Turns on or off the air conditioning system in the specified <location>. e.g. Second Room Air Conditioner On
Set <Location> Air Conditioner to <10-30> Degrees	Sets the air conditioner temperature in the specified <location>. e.g. Set Second Room Air Conditioner to 24 Degrees

Command	Description
<Location> Heater On/Off	Turns on or off the heating system in the specified <location>. e.g. Second Room Heater On
Set <Location> Heater to <10-30> Degrees	Sets the heating system temperature in the specified <location>. e.g. Set Second Room Heater to 26 Degrees
<Location> Heater Outing Mode	Sets the heating system in the specified <location> to outing mode. e.g. Second Room Heater Outing Mode
<Location> Gas Circuit Breaker Lock	Locks the gas circuit breaker in the specified <location>. e.g. Kitchen Gas Circuit Breaker Lock
<Location> Door Lock On	Engages the door lock in the specified <location>. e.g. Entrance Door Lock On
Custom Mode	Runs the custom mode for the specified Home Connect devices.

Other commands

Command	Description
Help	Can see the help.
List <1 to 4>*	Select a number to perform the corresponding option. Ordinal numbers such as “first” and “second” are also recognized.
Yes*	Approves a confirmation requested in exceptional situations.
No*	Rejects a confirmation requested in exceptional situations.
Next Page*	Moves to the next page on the list.
Previous Page*	Moves to the previous page.
Previous Screen*	Moves to the previous screen.
Exit*	Ends the voice recognition.

* Indicates the command that is available in special cases.

POI names

Restaurants

POI name	POI name
	Popeyes
	Quiznos Sub
Fast food restaurants	Schlotzsky's
Arby's	SONIC
Boston Market	SUBWAY
BURGER KING	Taco Bell
Carl's Jr	Taco John's
Chick-fil-A	Waffle House
Chipotle	Wendy's
Church's Chicken	White Castle
Dairy Queen	American restaurants
Firehouse Subs	Applebee's
Fleming's	Bahama Breeze
Hardee's	Boston's Restaurant & Sports Bar
In-N-Out Burger	Bar
IHOP	Cheeseburger in Paradise
Jack in the Box	Chili's Grill & Bar
Jimmy John's	Cool River
KFC	Denny's
Little Caesars	Frisch's Big Boy
Long John Silver's	Good Eats
McAlister's Deli	III Forks
McDonald's	Lee Roy Selmon's
Panda Express	Lone Star Steakhouse & Saloon
Panera Bread	Saloon

POI name
Longhorn Steakhouse
Luckys Cafe
Outback Steakhouse
Ponderosa
Publix
Seasons 52
Sheetz
Silver Fox
Texas Roadhouse
TGI Friday's
The Capital Grille
French restaurants
Italian restaurants
Bonefish Grill
Carrabba's Italian Grill
Chuck E Cheese's
Domino's
Olive Garden
Papa John's
Papa Murphy's
Pizza 73
Pizza Hut
pizza pizza
Continental restaurants
Mexican restaurants
Cantina Laredo
Chevys

POI name
El Chico
Japanese restaurants
Chinese restaurants
PF Chang's China Bistro
Korean restaurants
Vegetarian restaurants
Seafood restaurants
Red Lobster
Latin American restaurants
Asian restaurants
African restaurants
Coffee shops
Starbucks
Dunkin' Donuts
Tim Hortons
Other restaurants
Auntie Anne's
Baskin-Robbins
Haagen-Dazs
Hooters
Roy's
TCBY
VAN DER VALK

Automotive

POI name
Hyundai dealerships
Gas stations
76
ampm
ARCO
BP
Canadian Tire
Casey's General Store
Cenex
Chevron
CITGO
Conoco
Esso
Exxon
Fleetfuels
GetGo
Giant Gasoline
GTO
Gulf
Husky
Ingles Gas Express
Marathon
Martin's Gasoline
Meijer
Mobil
Murphy Express

POI name
Murphy USA
Petro Stopping Centers
PETRO-CANADA
Phillips 66
Pioneer
QuikTrip
Rutter's
Sheetz
Shell
Sinclair
Speedway
Sunoco
Sunoco Canada
TEXACO
TravelCenters of America
Ultramar
Valero
Wawa
Parking
Auto services
AAA
Advance Auto Parts
America's Tire
AutoZone
BOSCH Car Service
Certigard
Discount Tire
Firestone

POI name
GOODYEAR
Kal Tire
Midas
Napa
O'Reilly Auto Parts
Sears Auto Center
Road assistance
Automobile dealerships
Auto parts
Car washes
Motorcycle dealerships

Travel

POI name
Airports
Hotels
Americas Best Value Inn
AmericInn
Andaz
Ascend Collection
Baymont Inn & Suites
Best Western
Cambria Suites
Canadas Best Value Inn
Candlewood Suites
Clarion Hotel

POI name
Comfort INN
Comfort Suites
CONRAD
Country Inn & Suites by Carlson
COURTYARD by Marriott
Crowne Plaza
Days Inn
DELTA
Doubletree
Econo Lodge
Embassy Suites
Grand Residences by Marriott
Hampton Inn
Hampton Inn & Suites
Hawthorn Suites
Hilton
Hilton Garden Inn
Hilton Grand Vacations
Holiday Inn
Holiday Inn Express
Homewood Suites
Hotel Indigo
Howard Johnson
Hyatt Place
Hyatt
Hyatt Summerfield Suites
Intercontinental

POI name
JW Marriott
LA QUINTA INN
Lexington
Mainstay Suites
Marriott
Marriott VACATION CLUB
Microtel Inns & Suites
Motel 6
NOVOTEL
Omni Hotels
Park Inn
Park Plaza
QUALITY INN
Radisson
Radisson SAS
RAMADA
Red Roof Inn
Regent Hotels & Resorts
Renaissance
Residence Inn
Ritz-Carlton Club
Rodeway Inn
Sheraton
Sleep Inn
SOFITEL
Staybridge Suites
Studio 6
Suburban Extended Stay

POI name
Super 8
Thriftlodge Canada
Travelodge
Travelodge Canada
VAN DER VALK
WALDORF ASTORIA
COLLECTION
Wingate by Wyndham
Wyndham
Rest areas
Tourist information
Tourist attractions
Travel agents
City centers
Rental car agencies
Alamo
AVIS
Budget
Dollar Rent A Car
Enterprise
Hertz
National
Thrifty
Camp grounds
Ferry terminals
Bus stations
Local transit
Train stations

Shopping

POI name	POI name
Department stores	QuikTrip
Canadian Tire	Rutter's
Dollar General	Sunoco Canada
Dollar Tree	TravelCenters of America
Family Dollar	Wawa
JCPenney	Shopping centers
Kmart	Office Depot
Kohl's	Grocery stores
Nordstrom	Giant Eagle
Sears	Giant Food Stores
Sears Hometown Store	IGA
Target	Ingles Markets
T.J. Maxx	Food Lion
Walmart	Kroger
Convenience stores	Martin's Food Markets
7-Eleven	Meijer
ampm	Publix
BP	Sav-Mor Foods
Circle K	Save-A-Lot
Fleetfuels	SuperValu
GetGo	Music stores
GTO	Bookstores
Kangaroo Express	Barnes & Noble
Murphy Express	Electronics stores
Murphy USA	AT&T
Petro Stopping Centers	Best Buy
	Future Shop
	GameStop

POI name	POI name
Radioshack	CVS/pharmacy
Sprint	Giant Drugstore
Staples	Ingles Pharmacy
T-Mobile	Kmart Pharmacy
OfficeMax	Kroger Pharmacy
US Cellular	Martin's Drugstore
Verizon	Meijer Pharmacy
Gift shops	Rite Aid
Sporting goods stores	Shoppers Drug Mart
Dick's Sporting Goods	Target Pharmacy
Sports Authority	Walgreens
Home specialty stores	General merchandise
ABC Fine Wine & Spirits	
Ace Hardware	
Claire's	
Costco	
Home Depot	
Lowe's	
Merle Norman	
PETCO	
PETSMART	
Sally Beauty Supply	
SHERWIN-WILLIAMS	
True Value	
Clothing shops	
Mark's	
Shoe stores	
Pharmacies	

Recreation

POI name
Amusement parks
Museums
Cinemas
Golf courses
Sports complexes
Sports activities
Wineries
Video & game rental
Ski resorts
Recreation areas
Other recreation areas

Financial services

POI name
Banks
Bank of America
BB&T
Chase
Citibank
Citizens Bank
Fifth Third Bank
Key Bank
PNC Bank
RBC Bank
Regions
SunTrust
TD Bank
TD Canada Trust
US Bank
Wells Fargo
ATMs
Check cashing services
Money transfer

Community

POI name
Police stations
Post offices
Libraries
Schools
Fire departments
Churches
Synagogues
Convention centers
City halls
Civic centers
Court houses
Government offices
Waste & sanitary services
Utilities
Business facilities

Services

POI name
Hospitals
Medical services
Physicians
Tax services
Attorneys
Funeral homes
Hair & beauty services
Cleaning & laundry services
Social services
Communication
Dentists
Photography services
Tailors & alterations
Movers
Nursing home
Optical services
Personal services
Repair services
Veterinary hospitals



Available POI names may change when the system is updated.

MEMO



12

Voice Memo



Using the voice memos

Recording a voice memo

Playing a voice memo

Maintaining voice memos

Using the voice memos



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

On the All Menus screen, tap **Voice Memo**.

Recording a voice memo


- 1 On the voice memo screen, tap .

It starts recording a voice memo.

- 2 When recording is finished, tap  on the screen or press the  button on the steering wheel.

The voice memo is automatically saved.

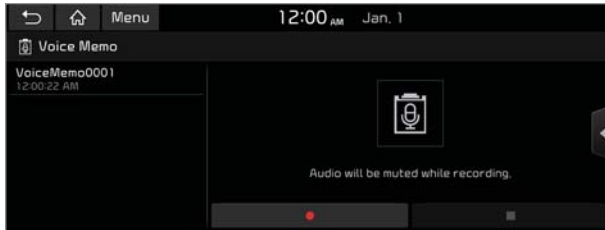


- To temporarily stop recording, tap .
- When recording starts, the other audio functions are muted or playback is paused.
- When you make or receive a call while recording, the recording is paused.
- When you make an emergency call or you are connected to an emergency call after airbag deployment, the recording is stopped and the recorded voice memo is automatically saved.

Playing a voice memo

You can select and play a recorded voice memo.

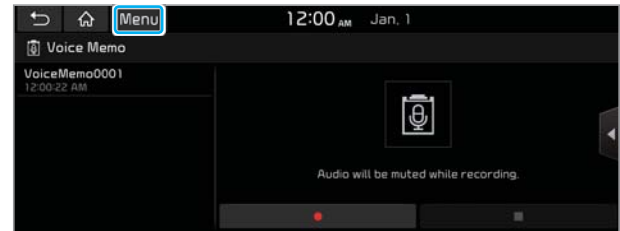
From the list of voice memos, tap the desired voice memo.



Maintaining voice memos

You can use additional functions such as voice memo deletion, storage change, or other voice memo-related functions.

1 On the voice memo screen, tap **Menu**.



2 Select and perform the desired option.

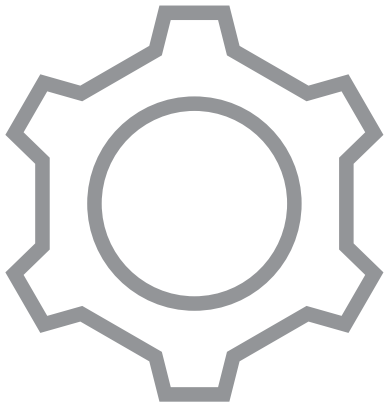
- **Delete:** Can delete a voice memo.
- **Save to USB Device:** Can record a voice memo to a USB storage device. You can delete voice memos in the USB storage devices formatted in FAT16/32.
- **Storage Information:** Can see the file size of recorded voice memos.
- **Split Screen:** Can turn on or off the split screen mode.

MEMO



13

Settings



Configuring the vehicle environment settings

Configuring the climate system settings

Configuring the UVO settings

General settings

Configuring the display settings

Device connection settings

Configuring the system settings

Configuring the sound settings

Configuring the voice recognition settings

Updating the system software and map

Configuring the vehicle environment settings

You can change the settings for driving and related environments.

- 1 On the All Menus screen, tap **Setup ► Vehicle**.
- 2 Select and then change the settings.

Head-Up Display	Can configure the head up display settings such as display height and brightness.
Driver Assistance	Can configure various functions that assist the driver while driving, such as smart cruise control and safety options.
Drive Mode	Can change the drive mode or set the display mode.
Economical	Can configure driving-related options that can save energy.
Lights	Can configure the settings for vehicle lights.
Door/Trunk (or Tailgate)	Can configure the settings for door and trunk controls.

Cluster	Can configure information displayed on the instrument cluster panel, such as service interval notification, display information, and initialization.
Convenience	Can configure the settings for rear-seat occupant alert, wireless charging, and boarding convenience.
Seat/Steering	Can configure convenience functions such as seat position change alert, heater & ventilation features, and boarding.
Digital Key	Can use the digital key to lock or unlock the doors and start the engine.
Reset	Can reset all options and menu settings in the vehicle.



- Available settings may differ depending on the vehicle model and specifications.
- Depending on the climate system, some functions may not be supported.

Configuring the climate system settings

You can change the settings of the climate system.

- 1 On the All Menus screen, tap **Setup ► Climate**.
- 2 Select and then change the settings.

ADS (Auto Defog System)	When the sensor detects fog on the windshield that is generated by temperature difference, it automatically turns on the air conditioner to blow cool air toward the windshield for removal.
SMART VENT (Smart Ventilation)	When the humidity increases in the vehicle with the climate system off, it automatically vent the air out to maintain a pleasant indoor environment.
CO2 Ventilation	When the carbon dioxide increases in the vehicle with the climate system on, it automatically vent the air out to maintain a pleasant indoor environment.
Lock Rear Climate Controls	Can prevent the rear-seat occupants from controlling the climate system.
Rear Climate Controls	Can adjust the climate system on the rear seat.

Smart Defogging	Can set to automatically adjust the wind direction and position or vent the air out at specified intervals to prevent fogging on the windshield.
Automatic Ventilation	When the temperature difference between inside and outside increases, automatic ventilation is made after a specific period of time.

Configuring the UVO settings

You can subscribe to the UVO service or see the modem information.

- 1 On the All Menus screen, tap **Setup ► UVO**.
- 2 Select and then change the settings.

Activate UVO	You can subscribe to the UVO service.
Modem Information	Can see the modem information.



In case of the vehicle model that supports Home Connect or Wi-Fi, on the All Menus screen, tap **Setup ► Data/ Network ► UVO**.

General settings

You can configure the general system settings for date & time, language, etc.

1 On the All Menus screen, tap **Setup ► General**.

2 Select and then change the settings.

Lock Rear Controls	You can set not to control the system in the rear seat.
Date/Time	<ul style="list-style-type: none">• GPS Time: Can set to obtain the time data via GPS.• 24 Hours: Can set to display the time in 24-hour format.• Daylight Saving Time: Can determine whether or not to use the daylight saving time mode. You can also set the daylight saving time period.
Language	Can change the system display language.
Keyboard	Can determine the keyboard types for each language. Select a language and then a keyboard type for text entry. The keyboard type is applied to all input modes in the system.
Unit Settings	Can set the unit for display on the system.

Screen Saver	Can select the items to display on the screen saver in standby mode. <ul style="list-style-type: none">• Digital: Displays the digital clock and date.• Analog: Displays the analog clock and date.• None: Displays nothing.
System Info	<ul style="list-style-type: none">• SW Info/Update: Can see the versions of system components. You can also update the system to the latest version. To update the system, download the latest update file to a USB storage device and connect the device to the system.• Storage: Can see the internal memory space of the system.• User's Manual on Web (QR Code): Can scan a QR code to refer to the user's manual of the vehicle. For accurate scanning, avoid reflected light and keep the screen bright.• Reset: Can reset all system settings. All user-defined data including the registered locations on the navigation system are all deleted by this action.



- Even when the system language is changed, it does not affect unique data such as MP3 music file names.
- Depending on the system language, the Bluetooth phone message view and voice recognition may not be supported.
- Specified keyboard type is applied to all input modes in the system.

Configuring the display settings

You can change the display settings such as screen brightness, color, etc.

- 1 On the All Menus screen, tap **Setup ► Display**.
- 2 Select and then change the settings.

Mode	Can set to automatically adjust the screen brightness depending on the ambient light intensity or always keep the screen bright or dark.
Illumination	Can set to adjust the screen brightness depending on the instrument cluster light intensity after selecting Link to Cluster Illumination Control . When Link to Cluster Illumination Control is turned off, you can adjust the brightness of daylight and night modes for the options selected in Mode .
Adjust Color	Can adjust the screen brightness, contrast, or chroma for video playback. This option is available only when video is being played.
Display Ratio	Can change the aspect ratio for video playback. This option is available only when video is being played.
Reset	Can reset all screen settings.

Device connection settings

Configuring Bluetooth connection settings

- 1 On the All Menus screen, tap **Setup ► Device Connections ► Bluetooth**.
- 2 Select and then change the settings.

Connect a Bluetooth Phone/Device

- You can register a new Bluetooth device in the system. You can also connect or disconnect a Bluetooth device. You can also delete a registered device.
- You can connect a single Bluetooth hands-free kit or two Bluetooth audio devices. When phone projection is active, you can connect only the Bluetooth audio devices.

Notification Settings	<ul style="list-style-type: none"> • Ignore Calls: Can reject all incoming calls without notification. • Auto-Reply to Calls: This option is enabled when the Ignore Calls function is active. This option is used to send a reply automatically when rejecting an incoming call or edit the auto reply message. This option may not be available in some phone models. • Ignore Text Messages: Can set not to display the text message notification.
Message Settings	<ul style="list-style-type: none"> • Message Filter: Can reject the incoming text messages with special characters or from the specified phone numbers. • Auto-Reply Message: Can edit the auto-reply message. This option may not be available in some phone models.
Bluetooth System Info	Can see and edit the Bluetooth information of the system.
Privacy Mode	Used to hide your contacts, recent calls, and favorites on the screen.
Reset	Can delete all registered Bluetooth devices and reset Bluetooth settings. All data for Bluetooth devices are also deleted.

Using the phone projection function

You can use the phone projection to connect your smartphone to the vehicle for easy access. ▶ See page 9-1 “Phone Projection.”



- Some setting options appear when a smartphone is connected to the system.
 - The auto-reply messaging may not be available depending on the smartphone model.
 - To edit or delete a message, pull over the vehicle at a safe place and access the messaging function on your smartphone. You cannot edit or delete a message from the system.
- When an iPhone is connected to the system, there are some restrictions when receiving messages as follows:
 - Only the sender name appears when the sender information is saved.
 - Otherwise, only the phone number appears.
 - You cannot use the auto-reply message function.
 - When the incoming message notification or lock-screen view option is off, messages cannot be received.

Configuring the system settings

You can customize the settings for notifications and button actions.

- 1 On the All Menu screen, tap **Setup** ► **Advanced**.
- 2 Select and then change the settings.

Return to Map: Set Time	Can set to automatically return to the map screen when a specified period of time elapses after the AV mode screen appears during route guidance.
TUNE Knob Function	Can change the the [TUNE/FILE] knob's function on the map.
Custom Button	Can set the frequently used functions to custom buttons. When you tap a custom button (☆) on the control panel, the corresponding function is immediately performed.
Steering Wheel Mode Button	Can set an AV mode to run when the [MODE] button is pressed on the steering wheel.

Home Screen	Can change the Home screen configuration and layout. <ul style="list-style-type: none">• Edit Home Widgets: Can edit the types and arrangement of home widgets.• Edit Home Icons: Can edit the arrangement of home icons.• Edit Home Layout: Can select a home layout type.
Split Screen Settings	Can set the functions to display on the split screen and change their arrangement.
Media Change Notifications	Can display the notification at the top of the screen when the playback content is changed after another screen appears during playback.
My Data	Can export location data in the system to a USB device and can import the data from a USB device.


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 multimedia system and amplifier specifications in the vehicle.

1 On the All Menus screen, tap **Setup ► Sound**.

2 Select and then change the settings.

Position	Can select a position where sound is best audible in the vehicle. Move the position indicator by tapping the desired spot on the seat image or using the arrow buttons. To set the sound to be centered, tap  .
Volume	Can adjust the volume for each system function including phone projection.
Tone	Can adjust the output level for each band.


Priority

- **Navigation Guidance:** Can set to enable the navigation sound to be heard first when using both the navigation system and AV system.
- **Proximity Warning:** Can set to enable the warning alarm to be heard first by decreasing the audio volume when a warning alarm occurs while parking the vehicle.
- **Navigation During Calls:** Can set to enable the navigation sound to be heard first during a call.
- **Start-up Volume Limit:** Can set to automatically decrease the audio volume when starting the engine.

Navigation Volume

- Can select a method to adjust the navigation volume during route guidance.
- **Use Map Screen Volume Buttons:** Can adjust the navigation volume by using the volume control button on the map screen.
 - **Use Map Screen Volume Buttons or Volume Knob:** Can adjust the navigation volume by using the [VOL] knob on the control panel.

Advanced (*if equipped)	Can change the system sound settings and apply various sound effects. Available sound effects may differ depending on the specifications of the amplifier.
Voice Type	Can select a type of the system guidance voice.
Reset	Can reset the sound settings.

 To turn on or off the touch sound on the screen, tap **Beep** at the top of the screen.

Configuring the voice recognition settings

You can change the settings for voice recognition.

- 1 On the All Menus screen, tap **Setup ► Voice Recognition**.
- 2 Select and then change the settings.


Use Network	Can set to use the server-based voice recognition. This option is available when you have subscribed to the UVO service.
Informational Advisories	Can set whether to hear the voice recognition guidance briefly or in detail. You can also turn off the navigation voice guidance.

Updating the system software and map

You can update the navigation map and multimedia system to the latest version. For update, make sure the Smart Updater Plus program has been installed on the computer.

Installing Smart Updater Plus

- 1 Run the Internet browser on the computer and access the company website at <http://www.kia.com>.
- 2 Click **Customer Service ▶ Vehicle Care Service ▶ Navigation Update**.
- 3 See the system update information. Download and install the Smart Updater Plus installation program.

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

Updating the software and map

- 1 Connect a USB device to the computer and run Smart Updater Plus 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 engine to turn on the system.



You can perform update without starting the engine 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 engine while updating with the start switch “ON,” power supply to the system may be cut off.

5 Check that the software version is correct and tap **OK**.

System update starts.

Caution

- It may take a while (tens of minutes) to finish the system update depending on the amount of data.
- Do not turn off the system or remove the connected device while updating. When the system is turned off or the storage device is removed from the system while updating, it may cause data or system damage.



- On the All Menus screen, tap **Setup ► General ► System Info ► SW Info ► Update** and manually start the update.
- After the navigation map and voice recognition data are updated, the system update is followed. You cannot use rear cameras during system update.
- After the update is finished, the system automatically restarts and the version on the System Info screen is changed.
- For assistance concerning the update, contact the KIA Motors Customer Service Center.
- When update is not performed automatically after the system is turned on, the changes are not applied to the map. For this reason, the road names, POI names, speed limits, or other map information may not be the latest depending on the creation time of the update files.

Scheduling the update

The system can be updated when the vehicle is not in use. This can be done by downloading the latest data to a USB device connected to the system and scheduling the update.

1 With the engine started, display the All Menus screen and then tap **Setup ► General ► System Info ► SW Info ► Update**.

2 Set the update time and tap **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 engine is stopped.
- To immediately start the update, select **Install Now**.

3 Position the start switch to “OFF” to turn off the vehicle.

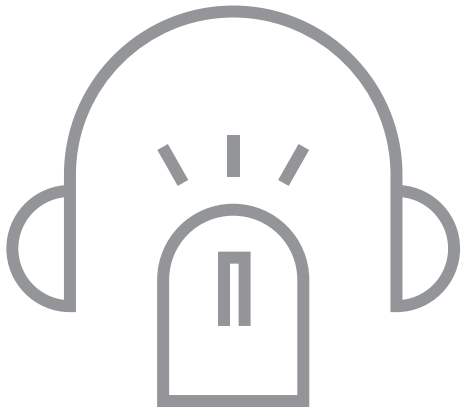


- Make sure that a USB device with update files is connected to the system before stopping the engine.
- When you set the update time to “0,” the update notification window appears and then the update starts.
 - To close the notification window and proceed with the update, tap **Yes**.
 - To cancel the update, tap **No**.
- Once the update has started, you cannot cancel it. After the update, the system automatically turns off.
- When you start the engine, the update complete notification appears to show the update result. After the update, the version appears on the System Info screen.
- When you turn on the system while updating, you can see its progress.
- Scheduled update is canceled when:
 - Low battery is defected after the engine is stopped.
 - The storage device with the update files is removed from the system.
 - The engine is started before the update scheduled time.

14

Troubleshooting Guide

Solutions for each symptom



Solutions for each symptom

When you encounter a system trouble, see the following table to check and resolve the issue.

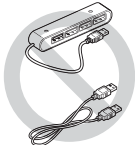
When the trouble persists even after taking the suggested actions, contact the company's service center or service agency.

Sound and video issues

Symptom	Possible cause	Solution
A blank screen appears and sound is not audible.	The system is turned off.	<ul style="list-style-type: none">• Check that the start switch is in “ACC” or “ON.”• Press the [PWR] button to turn on the system.
	The volume is too low.	On the control panel, turn the [VOL] knob to adjust the volume.
	Sound is muted.	On the steering wheel, press the [MUTE] button to make the sound audible.
Sound is audible from only one side of the speakers.	Sound is imbalanced.	On the All Menus screen, tap Setup ► Sound ► Position and adjust the sound outputs for the left and right speakers.
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.	<ul style="list-style-type: none"> On the All Menus screen, tap Setup ► Display ► Illumination, and then adjust the brightness. On the All Menus screen, tap Setup ► Display ► Adjust Color, and then change the color 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 KIA Motors Company's 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 page 8-4 “Using the USB mode.”
	Poor connection is found.	Remove the USB device from the multimedia USB port and then reconnect it properly.
	The USB device is infected by a virus or other malware.	Remove foreign materials from the surface that contacts the USB device and multimedia USB port.
A USB hub or extension cable is used.		Connect the USB device directly to the multimedia USB port.
	The USB device is non-standard.	Use a USB device that is compatible with the system. ▶ See page 8-4 “Using the 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 FAT12/16/32 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 All Menus screen, tap Setup ► Device Connections ► Bluetooth ► Bluetooth Connections ► Add New to run the registration mode and perform search again from the 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.	<ul style="list-style-type: none">• Turn the Bluetooth function off and 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. <ul style="list-style-type: none">• KIA Motors Company website: http://www.kia.com• Android Auto: https://support.google.com/androidauto• Apple CarPlay: http://www.apple.com/ios/carplay
	The function is inactive.	<ul style="list-style-type: none">• On the All Menus screen, tap Setup ► Device Connections, select the function to use, and then turn on the phone projection option.• Make sure that the phone projection is not disabled in the application settings or block-out settings on your smartphone.
	Smartphone is encountered with poor operation or malfunction.	<ul style="list-style-type: none">• 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.• Reset the smartphone and connect the device again.
A black screen appears when the phone projection is activated or in use.	The smartphone malfunctions.	<ul style="list-style-type: none">• Remove the USB cable from the smartphone and connect the device again.• Reset 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.	<ul style="list-style-type: none">• Reset 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 page 13-10 “Updating the system software and map.”• When the symptom persists, contact KIA Motors Company’s service center or service agency.
The system is not turned on.	Fuse-related issues	<ul style="list-style-type: none">• Visit an auto service shop and replace the fuse with a new one of appropriate capacity.• When the symptom persists, contact KIA Motors Company’s service center or service agency.

Navigation-related issues

Symptom	Possible cause	Solution
The destination is not searched.	Map update is required.	Update the map to the latest version. ▶ See page 13-10 “Updating the system software and map.”
Route guidance of the navigation system does not match the actual road conditions.	Map update is required.	Update the map to the latest version. ▶ See page 13-10 “Updating the system software and map.”
	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 late.	The update for the system and map data is required.	Update the system and map to the latest version. ▶ See page 13-10 “Updating the system software and map.”
The real-time traffic information is not received.	Radio reception is poor.	<ul style="list-style-type: none">• Reception of traffic information may not be made smoothly in mountain and island areas. Check the reception quality in a place where radio reception is good.• When the symptom persists, contact KIA Motors Company’s service center or service agency.

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Appendix



System status indicator icons

FAQ

Product specifications

Index

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
	AV sound muted
	All sound outputs muted
	Recording a voice memo ▶ See page 12-1 “Voice Memo.”

Bluetooth/call



	Battery level of the connected Bluetooth device
	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 list of recent calls of the connected Bluetooth phone ▶ See page 7-7 “Using the recent calls list.”
	Downloading the list of contacts of the connected Bluetooth phone ▶ See page 7-8 “Using the contacts list.”

UVO



	Talking with a UVO phone
	UVO phone’s microphone off
	Vehicle location sharing

Signal strength



	Bluetooth phone's signal strength
	UVO network's signal strength

Data



	LTE data available
	Using LTE data

System update



	Scheduling the update
	Updating in the background

Vehicle location sharing



	Sending the location
	Receiving the location
	Sending/receiving the location

Available functions in the rear seat



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

911 / Wireless charging



	911 connect is available
	Wireless charging in progress
	Wireless charging complete
	Wireless charging failure

- Battery level on the screen may differ from the one on the connected Bluetooth device.
- Signal strength on the screen may differ from the one on the connected mobile phone.
- Some icons may not appear depending on the vehicle model and specifications.


FAQ

Navigation

Q How can I update the map?

A Update the map by downloading the latest map data to a USB device. ▶ See page 13-10 “Updating the system software and map.”

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 navigation screen, tap  ▶ **Route** ▶ **Route Options** and set the route options.

When the system is not updated, update the software and map and then perform search again. ▶ See page 13-10 “Updating the system software and map.”

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 page 7-5 “Sending or receiving a call via Bluetooth” and 7-15 “Listening to music via Bluetooth.”

Q How can I register a Bluetooth device?

A On the All Menus screen, tap **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 page 7-2 “Bluetooth function.”

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, tap **Delete Devices** from the list of Bluetooth devices, select the device to delete, and then tap **Delete**. ▶ See page 7-2 “Bluetooth function.”

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 [↻] button on the steering wheel and tap [📞] 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 page 7-5 “Sending or receiving a call via Bluetooth.”

AV functions

Q Which AV functions are available with the system?

A There are AV functions available such as listening to radio and music/video playback using a media player (for USB or Bluetooth audio). For more details, see the related chapter.

Q I want to move to the previous or next song while driving. Without manipulating the buttons on the system screen, is it possible to do that?

A You can move to the previous or next song simply by pushing the [^/∨] lever on the steering wheel.

Broadcast reception

Q I turned on the radio while driving but I hear 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.

UVO (* if equipped)

Q Which functions are available with UVO?

A To ensure pleasant and comfortable driving, UVO provides various functions such as safety functions, vehicle care functions, and remote controls.

Q How can I subscribe to the UVO service?

A You can subscribe to the service and activate your user account by visiting a local dealership, UVO Center, or KIA Motors Company website or by using the UVO Settings menu from the vehicle. To subscribe to UVO via the vehicle system, display the All Menus screen, tap **Setup ► UVO ► Activate UVO**, and then follow the displayed instructions.

When you encounter an error or failure during subscription and account activation, contact the UVO Center for assistance.

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 page 14-2 “Solutions for each symptom.”

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

When the symptom persists, contact KIA Motors Company’s service center or service agency.

Product specifications

Media Player

■ USB mode

🔍 Music files

Item	Specification
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

Item	Specification
Specification details	<p>Max. number of directory layers: 20 layers</p> <p>Max. folder/file name length: 255 Bytes</p> <p>Valid characters that can be used in a folder/file name: 2,350 Alphanumeric characters/4,888 Chinese characters</p> <p>Max. number of folders: 2,000 (including the root)</p> <p>Max. number of files: 8,000</p>

Video files

Item	Specification
File format	AVI, MPEG, 3GP, WMV
File extension	avi, divx, mpg, mpeg, mp4, 3gp, 3gpp, 3gpp2, wmv, asf
Resolution	1280 x 720
Video codec	DivX3/4/5/6, 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
- The display specifications, playback specifications, and other specifications of the DivX file comply with the authentication standards of DivX.
- 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	Specification
Byte/Sector	64 KB or less
Format system	FAT12/16/32 (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 applications, media files may not be played.

Common specifications

Item	Specification
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
External dimensions	317.6 x 152.8 x 209.8 mm
Electric current consumption	2.5 A
Weight	2.07 kg

Display

Item	Specification
Display size	AV body unit - 10.25 inch (243.65 x 91.37 mm)
Number of pixels	AV unit - 1,382,400 pixels (resolution: 1920 x 720)
Drive system	TFT (Thin Film Transistor) active matrix system
Viewing angle	AV unit - Horizontal/vertical: 89°
Internal lighting	LED

Radio

Item	Specification
Available channels	FM: 87.5–108.0 MHz (step: 100 kHz) AM: 531–1602 kHz (step: 9 kHz)
Sensitivity	FM: Within 10 dBuV AM: Within 40 dBuEMF
Distortion factor	Within 2 %

Bluetooth

Item	Specification
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), MAP (1.2)
Bluetooth Power Class 2	-6 to 4 dBm
Antenna power output	3 mW (max.)
Number of channels	79 Channels

LTE RF

Item	Specification	
LTE	Signal reception	Frequency: 1810.0–1880.0 MHz (B3), 949.3–960 MHz (B8) Sensitivity: Below -93.3 dBm @10 M (B3, 8) (throughout ≥ 95 %)
	Signal transmission	Frequency: 1715.0–1785.0 MHz (B3), 904.3–915 MHz (B8) Max. transmission output: Power Class3 (B3, 8), 20.3–25.7 dBm (conducted)
WCDMA (HSPA+)	Signal reception	Frequency: 2112.8–2167.2 MHz (B1) Sensitivity: Below -106.0 dBm (BER = within 0.1%)
	Signal transmission	Frequency: 1922.8–1977.2 MHz (B1) Max. transmission output: 20.3–25.7 dBm (Power Class 3, conducted)

KC authentication

Item	Specification
Equipment/material name	Specified low-power radio equipment (radio equipment for a wireless data communication system)
Basic model name	ATB10S8DG/ATC10S8DG
Authentication code	R-CMM-HMO-ATB10S1DG R-CMM-HMO-ATC10S1DG
Manufacturer/Country of manufacture	KIA Motors Co., Ltd./Republic of Korea

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8,731,369; RE45,052.

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.

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.

IC Warning

"This device complies with Industry Canada licence-exempt RSS standard(s)."

Operation is subject to the following conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas provoquer de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

MEMO



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

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

IC Warning

IC Warning

"This device complies with Industry Canada licence-exempt RSS standard(s)."

Operation is subject to the following conditions: (1) this device may not cause interference, and (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 collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the ISED.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas provoquer de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme aux limites d'exposition aux radiations ISDE définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm entre le radiateur et votre corps. Cet émetteur ne doit pas être colocalisé ou fonctionner conjointement avec une autre antenne ou émetteur, à moins d'y être autorisé par l'ISDE.

IC Warning

- i. the device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
 - ii. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
 - iii. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
 - iv. where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.
-
- i. le dispositif utilisé dans la bande 5150-5250 MHz est réservé à une utilisation en intérieur afin de réduire le risque de brouillage préjudiciable aux systèmes mobiles par satellite dans le même canal;
 - ii. pour les dispositifs à antenne (s) détachable (s), le gain d'antenne maximal autorisé pour les dispositifs dans les bandes 5250-5350 MHz et 5470-5725 MHz doit être tel que l'équipement soit toujours conforme à la norme e.i.r.p. limite;
 - iii. pour les dispositifs à antenne (s) détachable (s), le gain d'antenne maximal autorisé pour les dispositifs de la bande 5725-5850 MHz doit être tel que l'équipement soit toujours conforme à la norme e.i.r.p. les limites, le cas échéant; et
 - iv. le cas échéant, le (s) type (s) d'antenne, le (s) modèle (s) d'antenne et l'angle (s) d'inclinaison le plus défavorable nécessaire (s) pour rester conforme (e) au p.e. L'exigence relative au masque d'élévation énoncée à la section 6.2.2.3 doit être clairement indiquée.