

CAR INFOTAINMENT SYSTEM



The Power to Surprise

To access the **online manual** for Car Multimedia System, scan the **QR code**.



Reading the manual on web with the QR code

You can access the online version of user's manual for the system by scanning the QR code provided on the system or Quick Guide with your smartphone.

- 1 On the All Menus screen, touch **Setup ▶ General ▶ System Info ▶ User's Manual on Web (QR Code)**.
- 2 Scan the QR code after installing the QR code reader application from App Store (🍏) or Google Play Store (🌐).



- 3 Touch the URL for User's Manual on Web from the smartphone display.

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



- ✎ Depending on how you scan the QR code, the online manual may open without touching the URL.
- ✎ With a camera application of your iPhone or Android smartphone, the QR code can also be scanned. Depending on the Android smartphone model, the QR code scanning may not be supported for the provided application. For more details, see the smartphone's manual.
- ✎ Without scanning the QR code, you can directly enter the URL address to see User's Manual on Web. (http://webmanual.kia.com/STD_GEN5_WIDE/AVNT/USA/English/index.html)

Car Infotainment System User's Manual

- The design and specification of the system may change without prior notice for performance improvement.
- In order to improve the product performance, the functions and services in this manual are subject to change without notice. In case of software update, the screens in this manual may differ from actual ones on the product.
- For more information about the functions and services updated for performance improvement, access the online user's manual.
- 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.

To download the open source codes installed on this product developed under GPL, LGPL, Apache, and other open source licenses, please visit <http://www.mobis.co.kr/opensource/list.do>. All notified license content, including the source code, is available for download.

If you request the open source code of a software mounted on this product by sending an email to MOBIS_OSSrequest@mobis.co.kr within 3 years of purchasing this product, you will receive it on a CD-ROM or another storage media at a minimal cost, such as the costs of the medium and delivery.

Available materials for operation



Quick Reference Guide

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



User's Manual on web

To see the information while using the system, touch **Menu ▶ User's Manual on Web (QR Code)**. By scanning the QR code with your smartphone, you can access the online user's manual.

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.

Make sure that the volume of the phone is sufficiently low so that the external sound is audible.

- When you drive with no external sound present may cause a traffic accident.
- When you drive for a long time with a loud audio volume, it may affect your hearing.

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.

 If you experience any problems with the system, contact your place of purchase or dealer.

Safety Precautions

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

Operation

Use the system with the vehicle started.

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

Do NOT install unapproved products.

- Using unapproved products may cause an error while using the system.
- System errors caused by installing unapproved products are not covered under the warranty.

System handling

Do NOT apply excessive force to the system.

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

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

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

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

 If you experience any problems with the system, contact your place of purchase or dealer.

01

System overview



Component names and functions

Turning the system on or off

Using the touch screen

Home screen

All Menus screen

Using the Favorites

Split screen

Component names and functions

The following describes the part names and controls on the control panel and steering wheel.

Control panel

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

POWER button/ VOLUME knob

- Press the button to turn on or off the AV (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.

MAP button

- Returns to the current location on the map.
 - When pressed while in guidance on the map screen, the voice guidance is repeated.
-

NAV button

- Moves to the navigation/route screen.
- When you press and hold the button, the Places screen appears.

RADIO button

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

MEDIA button

- Runs the connected medium.
- When you press the button twice with a medium connected, the media selection window appears.

<SEEK/ TRACK> button

- Changes the broadcast program, channel, music, or file while using the AV (radio/media) 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 (except for Bluetooth audio mode).

Custom button (☆)

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

SETUP button

- Displays the Settings screen.
 - When you press and hold the button the System Info screen appears.
-

**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 the knob on the map screen to zoom in or out the map (if activated).
▶ see “TUNE Knob Function.”
- When you press and hold the button, the TUNE Knob Function screen appears.

**System Reset
button**

- Resets the system.

Steering wheel remote control

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

**Voice Recognition
button**


- Press to start voice recognition and press and hold to end voice recognition.
- Press and hold to start or end voice recognition of a connected smartphone via phone projection. (The button's operation may vary depending on smartphone specifications.)

MODE button

- Press the button repeatedly to toggle among radio and media modes.
- Press and hold the button to display the settings for the steering wheel mode button: ▶ see “Steering Wheel Mode Button.”

**Volume lever
(+/-)**

- Push the lever up or down to adjust the volume.

Mute button


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

Move button (^/∨)

- Changes the broadcast program, channel, music, or file while using the AV (radio/media) 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 while playing media (except for Bluetooth audio mode).

Call button (☎)

- Before connection of Bluetooth: Press to display the Bluetooth connection window.
- After connection of Bluetooth: Press to display the recent calls list, press and hold to redial the last number, and press for an incoming call to answer it.
- On a Bluetooth call: Press to switch to Call Waiting and press and hold to switch between the system and mobile phone.

End Call button (📞)

- During a Bluetooth call, press to place the call on hold.
- Press to ignore a call with the Bluetooth connected.

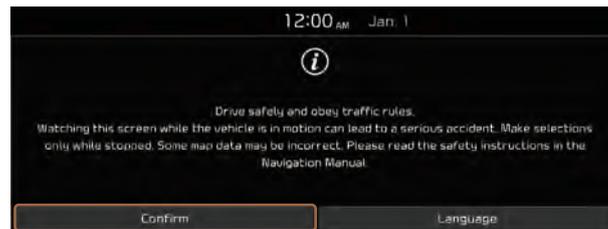
Turning the system on or off

The following explains how to turn on or off the system. Before using the system, be sure to read the user's manual for safe and convenient manipulation.

Turning on the system

- 1 Turn on the vehicle.
- 2 When a safety warning message appears, read it and touch **Confirm**.

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



Turning off the system

To turn off the system while driving, press and hold the **[POWER]** button on the panel.

The screen and sound are turned off.

- ✍ To use the system again, press the **[POWER]** button.
- ✍ When a specified period of time elapses after turning off the vehicle, the system automatically shuts down. When you open the driver's door, the system immediately shuts down.

Warning

- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls, which take the driver's eyes, attention, and focus away from the safe operation of the vehicle, or which are not permissible by law, should never be used during the operation of the vehicle.
- 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 turning on the vehicle for a long time, it may cause battery discharge. To use the system for a long time, be sure to turn on the vehicle.
- When you use the system with the vehicle turned on, the battery warning message appears. The warning message disappears as soon as you turn on the vehicle.



- ✍ When you turn off and on the vehicle, the system is turned on with the mode and settings used when the vehicle was turned off.
- ✍ To prevent audio from playing loud when you turn on the vehicle, adjust the system volume to an adequate level.
- ✍ To automatically decrease the system volume, move to the All Menus screen and touch **Setup ▶ Sound ▶ Priority ▶ Start-up Volume Limit** to set the function.

Using the touch screen

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

Warning

Do not use the touch screen while driving as this will divert your attention away from the safe operation of the vehicle. You may lose your steering control which could cause an accident and severe bodily injuries.

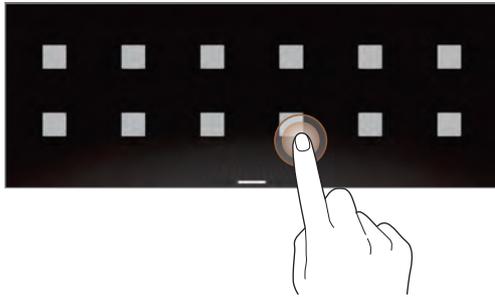
Caution

- 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.

“Touch” gesture

Lightly touch the desired item and release the finger.

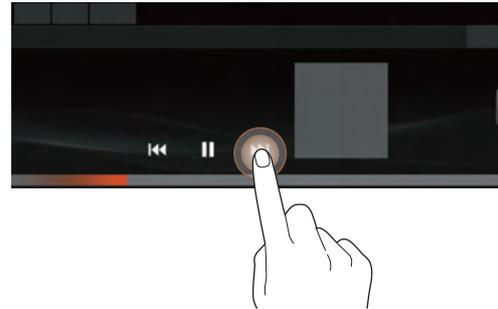
The corresponding function is run or the corresponding menu is selected.



“Touch and hold” gesture

Touch and hold the desired item.

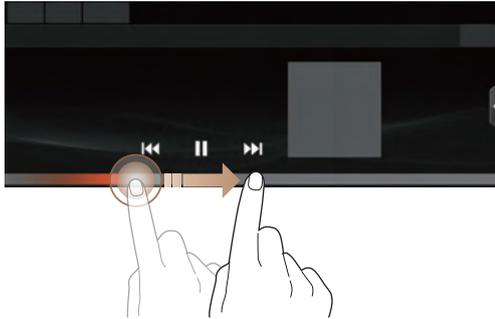
It is used to fast forward or rewind during playback.



“Slide” gesture

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

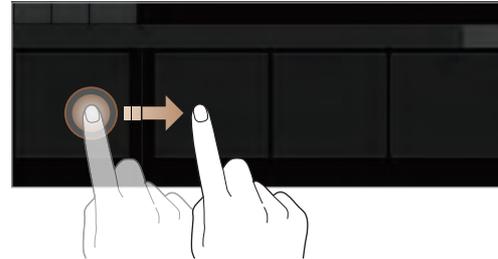
You can change the playback position during playback.



“Drag” gesture

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

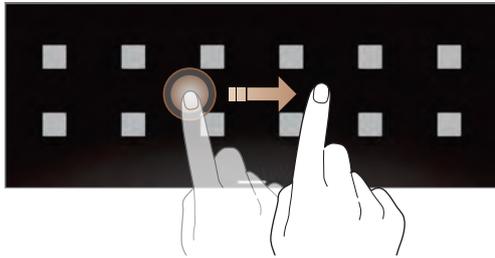
The selected item moves to the new position.



“Swipe” gesture

Lightly swipe the screen in the desired direction.

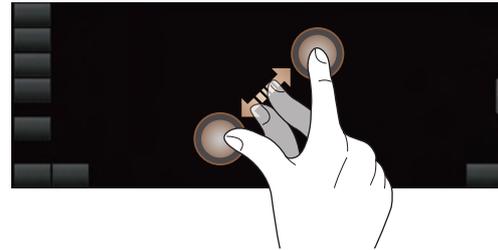
It is used to move fast vertically or horizontally across the menu screen or options list.



“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.

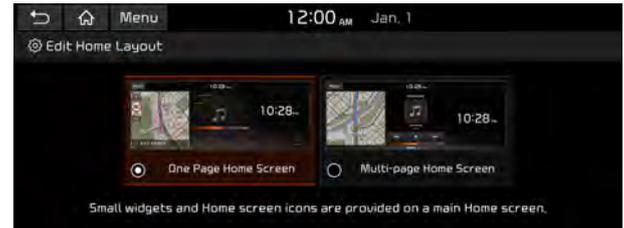
The Home screen is provided with two different types: **One Page Home Screen** and **Multi-page Home Screen**. The characteristics of each type are as follows.

- The way to access the All Menu screen differs depending on the type. ▶ see "All Menus screen."
 - The One Page Home screen provides widgets and shortcut icons. The map widget position is fixed. The other two widgets and icons can be customized to suit your preferences.
 - The Multi-page Home screen can display three different widgets. All widgets can be customized to suit your preferences.
- ✎ This User's Manual provides operation descriptions based on the initial state of the Multi-page Home screen.
- ✎ To return to the Home screen from other screens, touch .

Setting the Home screen type

You can set the Home screen type.

- 1 At the upper left of the Home screen, touch **Menu** ▶ **Edit Home Layout**.
- 2 Select the desired type.



One Page Home screen

The layout of the One Page Home screen is as follows:



- 1 Displays the current date and time.
- 2 Displays the icon to let you know the current status. ▶ see “System status indicator icons.”
- 3 Displays active widgets. When a widget is touched, the corresponding function runs in full screen. ▶ see “Editing widgets on the One Page Home screen.”
- 4 Displays the map widget. When the map widget is touched, the map appears in full screen.
- 5 The All Menus screen appears. In this case, all menus appear on the One Page Home screen.

- 6 The set icon appears. When the icon is pressed, the function runs on the full screen.
- 7 The list of menu items appears.
 - **Edit Home Widgets:** Used to edit the types and positions of widgets on the Home screen.
 - **Edit Home Icons:** Used to edit the types of icons on the Home screen.
 - **Edit Home Layout:** Used to change the Home screen type to the One Page Home Screen or Multi-page Home screen.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.

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

Editing widgets on the One Page Home screen

You can edit the types and positions for widgets to display on the One Page Home screen.

- 1 At the upper left of the Home screen, touch **Menu** ► **Edit Home Widgets**.
- 2 Perform any of the following methods:
 - To change the widget type, touch and hold the desired widget on ① List of widgets and then drag it to ② Widget area.
 - To change the listed order for widgets, touch and hold a widget on ② Widget area and then drag it to the desired position.



① List of widgets

② Widget area

- ✍ You cannot change the map widget to another one on the One Page Home screen.
- ✍ To initialize the types and positions of widgets, touch **Reset**.

Editing icons on the One Page Home screen

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

- 1 At the upper left of the Home screen, touch **Menu** ► **Edit Home Icons**.
- 2 Perform any of the following methods:
 - To change the icon type, touch and hold the desired icon on ① List of icons and then drag it to ② Icon area.
 - To change the listed order for icons, touch and hold an icon on ② Icon area and then drag it to the desired position.



① List of icons

② Icon area

- ✍ To initialize the types and positions of icons, touch **Reset**.

Multi-page Home screen

The layout of the Multi-page Home screen is as follows:



- 1 Displays the current date and time.
- 2 Displays the icon to let you know the current status. ▶ see "System status indicator icons."
- 3 Displays active widgets. When a widget is touched, the corresponding function runs in full screen. ▶ see "Editing widgets on the Multi-page Home screen."

- 4 The list of menu items appears.
 - **Edit Home Widgets:** Used to edit the types and positions of widgets on the Home screen.
 - **Edit Home Icons:** Used to edit the types of icons on the Home screen.
 - **Edit Home Layout:** Used to change the Home screen type to the One Page Home Screen or Multi-page Home screen.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.

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

✎ To see all menus in Multi-page Home screen, swipe the screen to the left.

Editing widgets on the Multi-page Home screen

You can edit the types and positions of the widgets to display on the Multi-page Home screen.

- 1 At the upper left of the Home screen, touch **Menu** ► **Edit Home Widgets**.
- 2 Perform any of the following methods:
 - To change the widget type, touch and hold the desired widget on ① List of widgets and then drag it to ② Widget area.
 - To change the listed order for widgets, touch and hold a widget on ② Widget area and then drag it to the desired position.



① List of widgets

② Widget area

✎ To initialize the types and positions of widgets, touch **Reset**.

Editing icons on the Multi-page Home screen

You can see and rearrange the list of icons in the Multi-page Home screen.

- 1 At the upper left of the Home screen, touch **Menu** ► **Edit Home Icons**.
- 2 To change the location of an icon, touch and hold, and drag the icon to the desired position.



✎ To initialize the positions of icons, touch **Reset**.

All Menu screen

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

Viewing the list of all menus on One Page Home Screen

On the Home screen, touch the icon for **All Menu**.

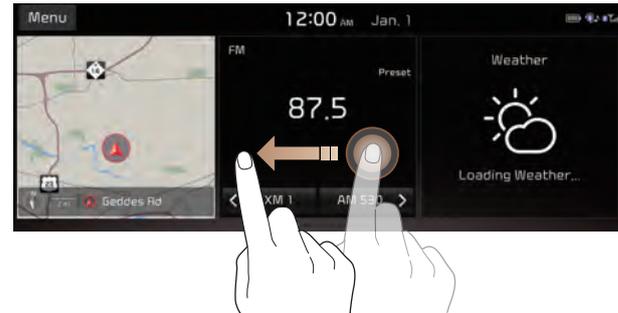
The All Menu screen appears. You can see the list of all functions of the system.



Seeing all menus on the Multi-page Home screen

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

The All Menu screen appears. You can see the list of all functions of the system.

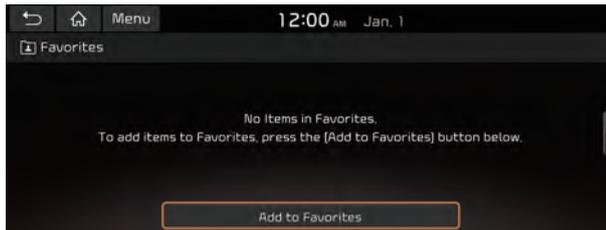


Using the Favorites

You can add frequently used menus as favorite icons and run the icons directly on the Home screen or All Menu screen.

Adding a favorite menu

- 1 On the All Menu screen, touch **Favorites ▶ Add to Favorites**.



✍ When there is any previously added favorite icon, move to the Favorites screen and then touch **Menu ▶ Add**.

✍ You can add favorite icons up to 24 menus.

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

Arranging the items in Favorites

You can change the order of items in Favorites.

- 1 On the All Menu screen, touch **Favorites ▶ Menu ▶ Reorder**.
- 2 Touch and hold an item and then drag it to the desired position.
 - ✍ You can only change the order of icons. You cannot move an icon to a blank space.

Deleting items in Favorites

You can delete items from the list of favorites.

- 1 On the All Menu screen, touch **Favorites ▶ Menu ▶ Delete**.
- 2 Select an item(s) to delete and touch **Delete ▶ Yes**.

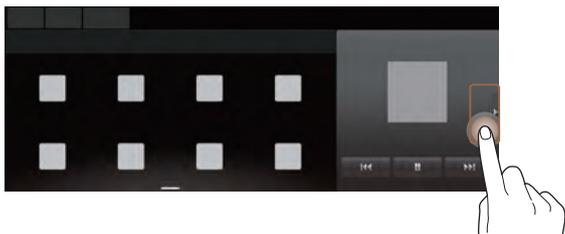
Split screen

You can set to display various information such as map, AV info, driving info, and clock on the split system screen.

Opening the split screen

Touch the split screen button.

The split screen appears on the right.



 When the **Menu** button exists at the top of the screen, you can open the split screen by touching **Menu ▶ Split Screen**.



Editing the split screen

You can change information on the the split screen.

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



Closing the split screen

Touch the split screen button when the split screen is open.

 When the **Menu** button exists at the top of the screen, you can close the split screen by touching **Menu ▶ Split Screen**.

MEMO



02

Useful functions



Using the phone projection function

Using the driving assist display

Using the HD Radio Data

Using the sound mood lamp

Using the phone projection function

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

Warning

Do not adjust or set up any phone settings while driving. You may lose your steering control which could cause an accident and severe bodily injuries.

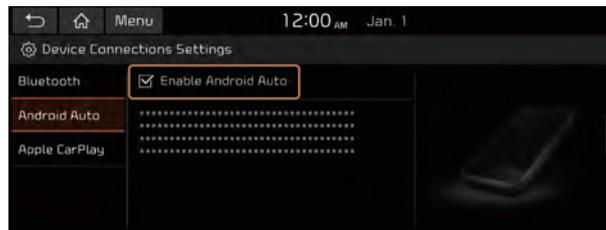
Pairing to an Android smartphone via Android Auto

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

1 To use Android Auto, first check the following.

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

- 2 On the All Menus screen, touch **Setup ► Device Connections ► Android Auto** and select the **Enable Android Auto** checkbox.



- 3 Connect a smartphone to the 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 touch **OK**.
-  To end the Android Auto and disconnect from the smartphone, remove the USB cable from the system.

Caution

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

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

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

Using the Android Auto

1 On the All Menus screen, touch **Android Auto**.

2 Perform the desired function.

- To run the functions for phone, music, or navigation on the smartphone, touch the corresponding app icon.
- To use the Google voice recognition, press and hold the  button on the steering wheel.

 By pressing the [MODE] button on the steering wheel, you can run the media application on your smartphone as well as the AV mode of the system.

 On the All Menus screen, touch **Setup ► Advanced ► Steering Wheel Mode Button** and then press the [MODE] button to set the functions to run.

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

 You cannot change the Android Auto settings when connected via a USB cable.

 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.

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

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

 Avoid interacting with the smartphone while using Android Auto.

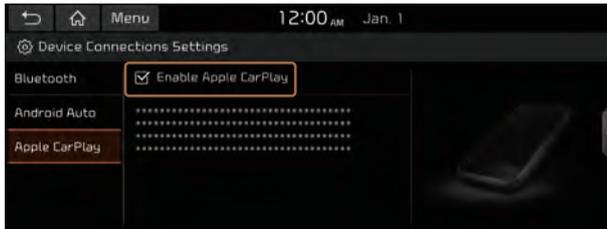
 You cannot use the following functions when Android Auto is in use.

- USB mode
- Browse function using the [TUNE/FILE] knob
- Apple CarPlay

Pairing to an iPhone via Apple CarPlay

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

- 1 To use Apple CarPlay, first check the following:
 - For iPhone models that support Apple CarPlay, visit the Apple website at <https://www.apple.com/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.
- 2 On the All Menus screen, touch **Setup ► Device Connections ► Apple CarPlay** and then check **Enable Apple CarPlay**.



- 3 Connect an iPhone to the 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 touch **OK**.
 - ✎ To end the Apple CarPlay and disconnect from the iPhone, remove the USB cable from the system.
- Caution**
- Do not repeatedly connect and remove the USB connector within a short time. It may cause device errors or system failures.
- 4 When the iPhone is locked, unlock it first and then consent to the use of Apple CarPlay.

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

Using the Apple CarPlay

- 1 On the All Menus screen, touch **Apple CarPlay**.

2 Perform the desired function.

- To run any of functions (phone, messaging, navigation, etc.) on your iPhone, touch the corresponding function icon.
 - To run the Siri voice recognition, press and hold the  button on the steering wheel.
-  To display the system Home screen, touch .
-  By pressing the [MODE] button on the steering wheel, you can run the media application on your smartphone as well as the AV mode of the system.
-  On the All Menu screen, touch **Setup ► Advanced ► Steering Wheel Mode Button** and then press the [MODE] button to set the functions to run.
-  When you receive a call, press the  button on the steering wheel to answer it.
-  You cannot change the Apple CarPlay settings when connected via a USB cable.
-  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.
-  Charges may apply for any mobile data used while Apple CarPlay is running.
-  Some functions may not work properly depending on the network signal strength.
-  Avoid interacting with the smartphone while using Apple CarPlay.
-  You cannot use the following functions when Apple CarPlay is in use.
- Bluetooth
 - USB mode
 - Browse function using the [TUNE/FILE] knob
 - Android Auto

Using the driving assist display

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

 The displayed screen may differ depending on the vehicle model.

Warning

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

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

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.

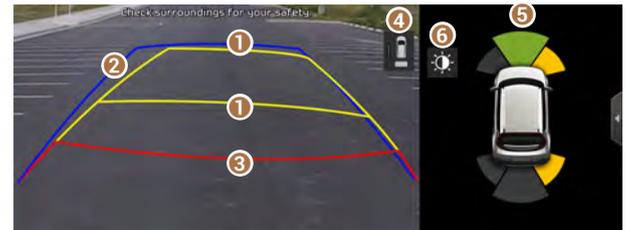
Using the rear-view display

- 1 Press the "R" (Reverse) button shifter (or move the shift lever to "R" in a previous vehicle model) with the vehicle turned on.

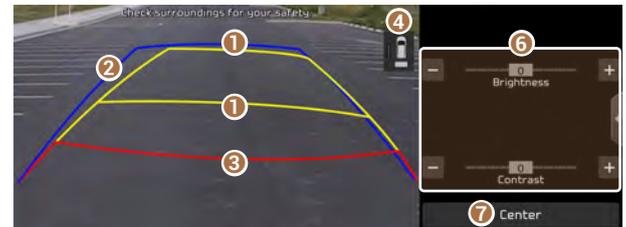
The system automatically displays the rear view with parking assist guide lines.

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

 The example may differ from the actual screen display.



With the parking distance warning



Without the parking distance warning

1 Moving direction lines (yellow)

Displays the vehicle's moving direction based on the steering angle.

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.

4 Rear top view button

Touch the button to display the rear top view.

5 Parking distance warning (if equipped)

Depending on the distance to obstacles, the warning color and alert sound change along with the level (1/2/3) to notify of the distance.

6 Camera image adjustment

Used to adjust the brightness and contrast of camera images.

7 Center

Used to initialize the brightness and contrast of camera images.

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

✎ The rear view screen remains active even if you shift to any position other than "R" (Reverse) after reversing. However, the parking guides do not appear on the screen. When you shift to "P" (Park) or drive at a predetermined speed or faster, the rear view screen will be deactivated and the system will display the previous screen automatically.

✎ You can change the settings for the rear camera after touching **Setup ▶ Advanced ▶ Extend Rear Camera Use** on the All Menu screen (if equipped).

✎ 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 parking. When you set to automatically lower the audio volume while parking, it can prevent accidents caused by failure to hear the warning sound. On the All Menu screen, touch **Setup ▶ Sound ▶ Priority ▶ Proximity Warning**.

Using the HD Radio Data

You can access an array of information with HD radio data such as HD Radio™.

✍ HD radio data are available only in metropolitan areas.

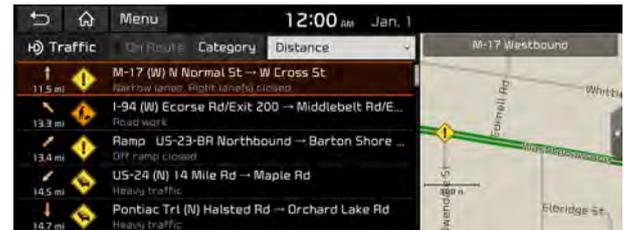
- 1 On the All Menus screen, touch **HD Radio Data**.
- 2 Perform any of the following methods:



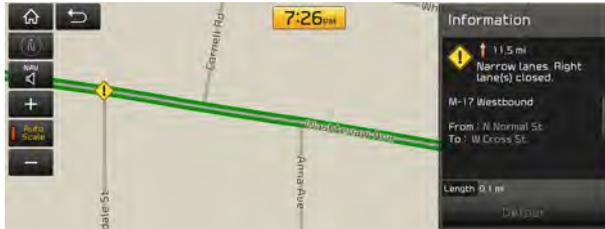
- 1 Moves to the previous screen.
- 2 Can see traffic information by using HD Radio data.
- 3 Can see weather information by using HD Radio data.
- 4 Can see weather information from the Doppler Radar.
- 5 The list of menu items appears.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

Viewing traffic information

- 1 On the All Menus screen, touch **HD Radio Data**.
- 2 Touch **Traffic**.
- 3 Select an item from the traffic information list to see the details.
 - ✍ To see traffic information along with your current route or to see all available traffic information, touch **On Route**.
 - ✍ To select the types of traffic information to see, touch **Category**.



4 Check the traffic information details.



✍ Traffic information for border crossings and speed limits in local roads may not be accurate. Use the information at your discretion.

Checking weather information via HD Radio Data

1 On the All Menus screen, touch **HD Radio Data**.

2 Touch **Weather**.

3 Check today's weather information of your position (for city).

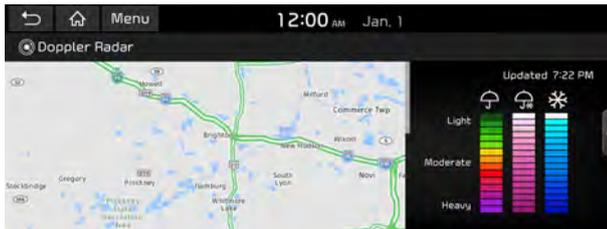
✍ To see weather forecasts for today and the next four days, touch **5 Days**.

✍ To see weather information of another area, touch **Other City**.



Checking weather information in Doppler Radar

- 1 On the All Menus screen, touch **HD Radio Data**.
- 2 Touch **Doppler Radar**.
- 3 See the weather condition details in the HD Radio coverage area.

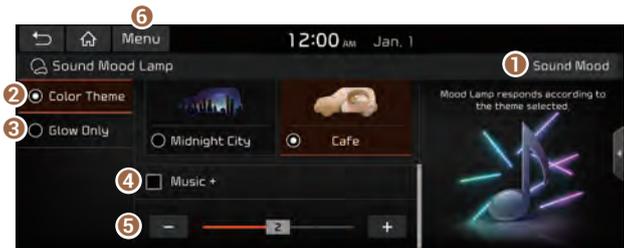


Using the sound mood lamp

(if equipped)

You can set to implement various lighting effects by synchronizing with the playing music.

- 1 On the All Menus screen, touch **Sound Mood Lamp**.
- 2 Select and then change the settings.



- 1 Can turn on or off the sound mood lamp.
- 2 Can select various color themes. Based on the selected color theme, the lights on the front door trim (inside handle garnish/armrest-molding) and at the bottom of the glove box change their colors in various patterns.
- 3 Can select the color of the light on the front door trim (inside handle garnish/armrest molding). The selected lighting color changes into a soft glow effect.

4 Can synchronize the light with the playing music.

✍ After checking **Music+**, music is not played back or the light does not illuminate when muted.

5 Can adjust the brightness of the light.

6 The list of menu items appears.

- **Reset:** Can reset all the settings of the sound mood lamp.
- **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
- **Split Screen:** Can turn on or off the split screen mode.

✍ You cannot manipulate the sound mood lamp while driving.

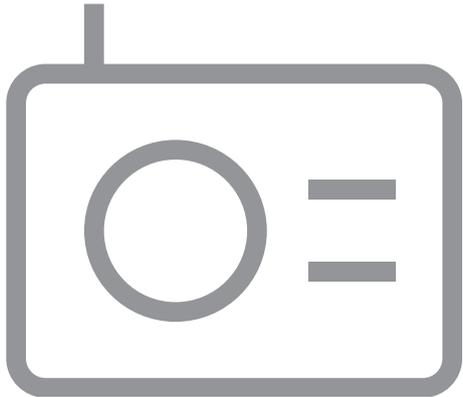
✍ The light of the inside handle garnish gradually turns off when you drive above the specified speed.

✍ When a door is opened, the light automatically turns off.

MEMO



03 Radio



Manipulating the radio
Listening to HD Radio™
Listening to SiriusXM™ radio

Manipulating the radio

You can scan radio channels by using various options. Save your favorite channels to the presets list.

Perform any of the following methods:

- On the All Menus screen, touch **Radio**.
- On the control panel, press the **[RADIO]** button.

Radio screen

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



- 1 Returns to the previous step.
- 2 Can change the radio mode.
- 3 Activate the HD Radio mode.
- 4 You can change radio channels by using voice commands.
▶ see "Changing the channel by using voice commands."
- 5 Presets list
- 6 Radio broadcast information
- 7 You can delete or save the current frequency to the presets list.
- 8 Split Screen: Can turn on or off the split screen mode.
- 9 You can listen to each radio channel for a short time and select a desired channel.

- 10 The list of menu items appears.
- **Enter Station:** Can select or directly enter the desired radio frequency.
 - **Station List:** Can see the list of available radio stations.
 - **Info:** Turns the Radio text information transmitted from the broadcasting station on and off.
 - **Reorder Presets:** Can change the location of a channel by dragging on the presets list.
 - **Delete Presets:** Can delete a registered channel from the presets list.
 - **Sound Settings:** Can configure system sound settings.
▶ see "Configuring the sound settings."
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.
- ✍ 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.

Warning

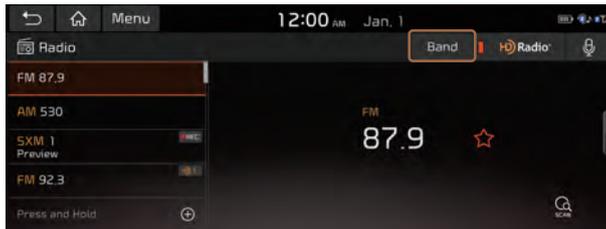
Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls, which take the driver's eyes, attention, and focus away from the safe operation of the vehicle, or which are not permissible by law, should never be used during the operation of the vehicle.

Changing the radio mode

Perform any of the following methods:

- On the **Radio** screen, touch **Band** repeatedly.
- On the control panel, press the [RADIO] button repeatedly.

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



Changing the radio channel

Perform any of the following methods:

- On the **Radio** screen, touch a desired channel from the presets list.
 - ✍ You can change the channel simply by using the [^/∨] button on the steering wheel.
- On the control panel, press the [◀ SEEK] or [TRACK ▶] button. You can move to the previous or next channel with good reception.
- When you know an accurate frequency, turn the [TUNE/FILE] knob on the control panel to change the frequency.

You can listen to the changed radio broadcast.

Changing the channel by using voice commands

You can change the radio channel by using voice commands.

- 1 On the **Radio** screen, touch .
- 2 When a guiding beep is heard, say the desired radio station channel.

Using the scan function

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

- 1 On the **Radio** screen, touch .

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



- 2 When you find the desired broadcast, touch .

You can continue listening to the scanned channel.

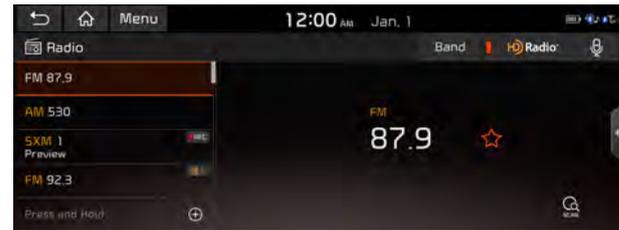
Registering the current radio channel

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

Perform any of the following methods:

- While listening to a broadcast, touch and hold an empty preset number with no channel on the radio screen.
- While listening to a broadcast, touch  in the middle of the screen.

The current channel is added to the presets list.



-  Touch and hold a previously configured preset number to reassign it with the currently listening channel.
-  You can register up to 40 channels.

Editing the radio channel list

Changing the order of registered channels

- 1 At the upper left of the **Radio** screen, touch **Menu** ► **Reorder Presets**.
- 2 On the presets list, touch  next to the channel you want to move, then drag it to reposition.

The presets list is updated with the sequences changed.

Deleting a registered channel

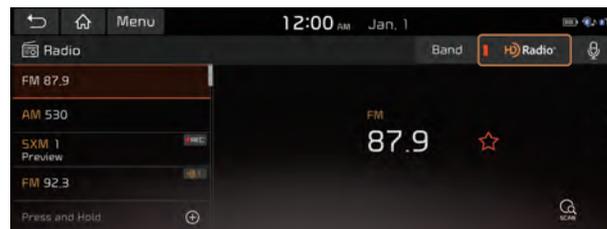
- 1 At the upper left of the **Radio** screen, touch **Menu** ► **Delete Presets**.
 - 2 Select the channel to delete and touch **Delete** ► **Yes**.
The channel is deleted and the preset number is emptied.
-  When the current channel is already assigned to the presets list, touch the  icon to remove the channel from the list.

Listening to HD Radio™

You can listen to radio from HD radio stations when they are available.

On the **Radio** screen, touch  **Radio**.

When HD Radio signals are received, the radio switches from the analog mode to the HD mode.



-  In HD mode, the buttons for HD Radio stations appear at the top of the radio screen. Touch a button to select any available HD radio station.
-  HD radio is available only in metropolitan areas.

HD Radio™ Technology



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

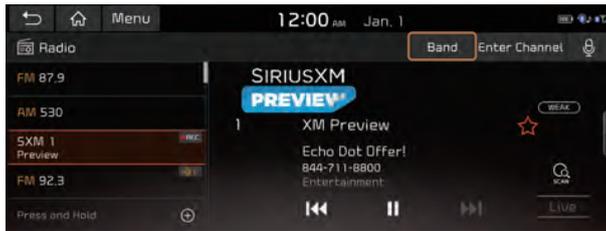
Real-Time Traffic reports, alerts, and flow data displayed on screen via interactive traffic maps and/or data.

Listening to SiriusXM™ radio

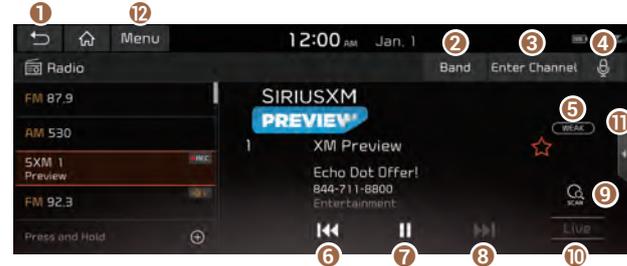
You can listen to radio channels provided by SiriusXM, a satellite radio service.

Changing to SiriusXM mode

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



SiriusXM mode screen



- 1 Moves to the previous screen.
- 2 Can change the radio mode.
- 3 Can access the list of available SiriusXM radio channels.
- 4 You can change radio channels by using voice commands.
► see "Changing the channel by using voice commands."
- 5 Weak reception indicator.
- 6 Moves to the previous segment. Touch and hold to rewind the broadcast by five-second decrements.
- 7 Pauses or stops the broadcast.
- 8 Moves to the next segment. Touch and hold to fast forward the broadcast by five-second increments.
- 9 Scans through all available SiriusXM radio channels.
- 10 Switches to the live broadcast mode. This button is activated only when a live broadcast is available for the selected channel.

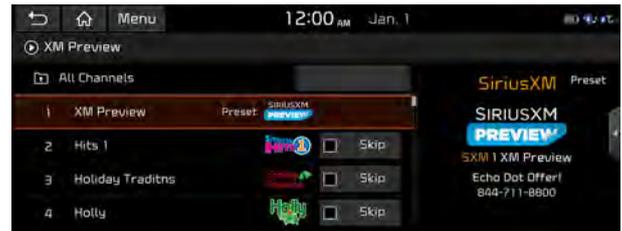
- 11 Split Screen: Can turn on or off the split screen mode.
- 12 Displays the options list.
 - **Channel List:** Can see the list of available SiriusXM channels.
 - **What is on My Presets?:** Displays the broadcast schedule.
 - **Featured Favorites:** Can listen to groups of channels provided by SiriusXM.
 - **Reorder Presets:** Can change the location of a channel by dragging on the presets list.
 - **Delete Presets:** Can delete a registered channel from the presets list.
 - **Sound settings:** Can customize the system sound settings.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

✎ The **REC** icon appears next to the first 10 SiriusXM channels saved. Once preset channels have been saved, the broadcasts from them are buffered automatically for your convenience each time you start the vehicle.

Searching for SiriusXM radio channels

You can select a channel from available SiriusXM channels.

- 1 On the radio screen, touch **Band ► SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Channel List**.
- 3 Select a category and a channel.
 - ✎ To skip a channel when scanning with the [TRACK >] and [< SEEK] buttons or [TUNE/FILE] knob, touch **Skip**.



Selecting channels by using channel numbers

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

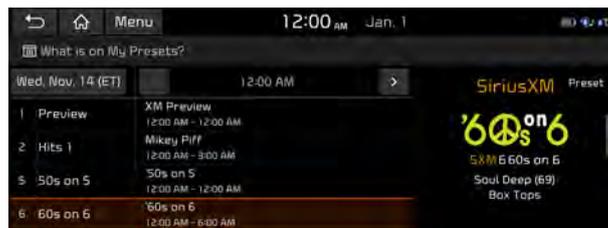
- 1 On the **Radio** screen, touch **Band ▶ SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Enter Channel**.
- 3 Enter a channel number and touch **OK**.



Seeing the program schedule

You can see the program schedule and information for the channels saved 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 the 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 the date and time zone.
 - ✎ To select a time, touch ◀ or ▶.



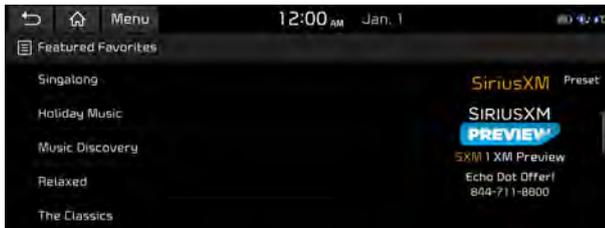
4 Select a channel and a program to see its detailed information.

✍ If any hidden information, an arrow appears next to the program. Touch the arrow to see the hidden information.

Listening to Featured Favorites channels

You can listen to Featured Favorites channels on the 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.



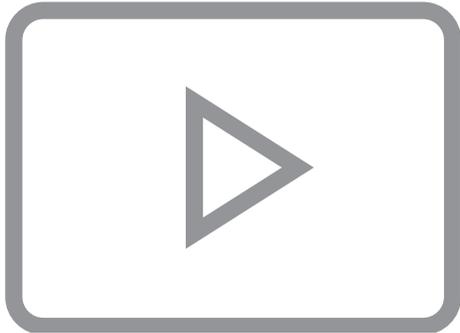
MEMO



04

Media

Using media

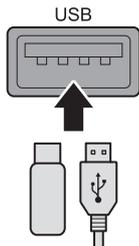


Using media

You can use the USB mode to play music files on a connected mobile device, such as USB device and MP3 player. You can also play Bluetooth music by connecting a Bluetooth device, which supports a Bluetooth function.

Listening to music from a USB device

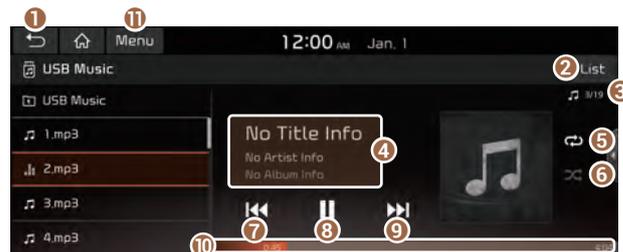
- 1 Connect a media device to play to the USB port on the vehicle.



- ✍ Playback may start automatically depending on the media type.
- ✍ For more information about supportable devices and file types: ► [see "USB mode."](#)
- ✍ The shapes and arrangement of the buttons and USB ports may differ depending on the vehicle model and specifications.

- 2 Perform any of the following methods:
 - On the Home screen, touch the AV info widget.
 - On the control panel, press the **[MEDIA]** button.
 - ✍ When multiple media are connected, press the **[MEDIA]** button once more and then touch the desired media source from the media selection window.

USB music screen



- 1 Returns to the previous step.
- 2 Moves to the file list screen.
- 3 Displays the sequence number of the current file and the total number of files for playback.
- 4 Displays the information of the current music.
- 5 Used to change the repeat playback mode.
- 6 Used to turn on or off the random playback mode.

- 7 Restart playing the current file or previous file.
- 8 Can pause or resume playback.
- 9 Can play the next file.
- 10 Can see the duration of the playing song and the current playback position.
- 11 The list of menu items appears.
 - **Media Sources:** Opens the media selection window.
 - **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.
 - **Hide Current File:** You can hide the file that is playing.
 - **Sound Settings:** Can configure system sound settings.
▶ see "Configuring the sound settings."
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

Warning

Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls, which take the driver's eyes, attention, and focus away from the safe operation of the vehicle, or which are not permissible by law, should never be used during the operation of the vehicle.

Pause/Resume

You can pause or resume playback of a USB music file.

On the USB music playback screen, touch  or .

Rewind

By using the Rewind function, you can listen to music in the USB device from the desired point during playback.

Perform any of the following methods:

- On the USB music playback screen, touch and hold .
- On the control panel, press and hold the [**SEEK**] button.
-  On the steering wheel, use the [/] button to run the function.

Fast Rewind

By using the Fast Rewind function, you can listen to music in the USB device from the desired point.

Perform any of the following methods:

- On the USB music playback screen, touch and hold .
- On the control panel, press and hold the [TRACK >] button.
- ✎ On the steering wheel, use the [/] button to run the function.

Resuming playback of the current music

You can play the current music in the USB device from the beginning.

Perform any of the following methods:

- On the USB music playback screen, touch  after 3 seconds during playback.
- On the control panel, press the [< SEEK] button after 3 seconds during playback.
- ✎ On the steering wheel, use the [/] button to run the function.

Playing the previous file

You can play the previous file during playback in the USB device.

Perform any of the following methods:

- On the USB music playback screen, touch  within 3 seconds during playback.
- On the control panel, press the [< SEEK] button within 3 seconds during playback.
- ✎ After playback, you can play the previous music by touching  twice or pressing the [< SEEK] button on the control panel twice.
- ✎ On the steering wheel, use the [/] button to run the function.
- ✎ On the control panel, turn the [TUNE/FILE] knob to search for a music file and press the knob within 5 seconds to play it.
- ✎ When there is no input for 5 seconds, the search stops and the system displays the information of the current file.