

CAR MULTIMEDIA SYSTEM

USER'S MANUAL

OPTIMA
plug-in hybrid



The Power to Surprise

Thank you for purchasing this multimedia system.

This user's manual explains how to use the KIA Motor multimedia system.

Before using the product, read the contents of this user's manual carefully and use this product safely.

- The screens shown in this manual may differ with the actual screens of the product.
- The design and specification of this product may change without prior notification for product improvement.
- When transferring the vehicle to another individual, include this user's manual so that the next driver can continue its use.

Precaution for safe usage

- Driving while distracted can result in a loss of vehicle control, that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
- Do not operate the multimedia system while driving.
- Do not disassemble, assemble, or modify the multimedia system.
- Do not watch the screen for prolonged periods of time while driving.
- Set the volume to a level which allows the driver to be aware of external conditions.

- Do not operate the multimedia system for prolonged periods of time with the vehicle ignition in ACC. Such operations may lead to battery discharge.
- Be cautious not to spill water or introduce foreign objects into the device.
- Do not cause severe shock to the device. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch panel.
- In case of product malfunction, please contact your place of purchase or service center.
- When cleaning the touch screen, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, ammonia, benzene, thinners, etc.) as such materials may damage the device panel or cause color and quality deterioration.



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WARNING

- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a

vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.

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- App Store is a service mark of Apple Inc. No charge for the UVO eServices app. App runs on your smartphone cellular data service. Normal data rates will apply.
- HD Radio™ and the HD Radio™ logo are proprietary trademarks of iBiquity Digital Corporation.

- 24-hour Roadside Assistance is a service plan provided by KIA Motors America, Inc. Certain limitations apply. Coverage details are available in the KIA Warranty and Consumer Information Manual. For access to Enhanced Roadside Assistance, a connected mobile phone via Bluetooth® within the cellular service coverage area is required.
- Vehicle Diagnostics do not take the place of regularly scheduled maintenance. Feature checks powertrain, chassis, and airbag systems only. For factory-recommended maintenance schedule, see the Maintenance Feature of UVO eServices or the Owner's Manual.
- 911 Connect activates after an airbag deployment. Feature requires a connected mobile phone via Bluetooth. Dependant on cellular service coverage.
- The Rear-Camera display is not a substitute for proper and safe backing-up procedures. The Rear-Camera display may not display every object behind the vehicle. Always drive safely and use caution when backing up.

Read the following safety precautions for your safety

Before using the product, read the contents of this user's manual carefully and use this product safely.

- ※ The design and specifications of this product may change without prior notification for product and service improvement. The actual features in the vehicle may differ from the illustrations. For more accurate information about the vehicle, please refer to the catalogue.
- ※ For more information on open licenses and legal notices, refer to the website below.
http://www.mobiszone.co.kr/front/mall/jsp/manual/avn_download_center_manual.jsp

Notations used within this User's Manual

WARNING

- A WARNING indicates that a condition may result in harm, serious bodily injury or death if the warning is ignored.
-

CAUTION

- A CAUTION indicates that a condition may result in damage to your vehicle if the caution is ignored.
-

Information

- Information and tips that provide additional user convenience in using the product.
-

NOTICE

- Information on specific features that facilitate proper product use and functional understanding.
 - Information on terminology used within this manual.
-

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Using SD Cards

- **Ejecting and Inserting SD Cards**

- Ejecting and inserting SD cards while the multimedia system is operating may result in SD Card or System errors. To eject or insert the SD card, first turn off the multimedia system and the vehicle ignition.
- Eject/insert SD cards only to update the multimedia system with a new version.

- **Usage of SD Cards**

- The SD Card is formatted to include only Map and new system update files.
- The SD Card cannot be used to save and play Music.
- Do not add, delete, or format files within the SD Card.

iPod®

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***Bluetooth®* Wireless Technology**

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01

part. 1 **Basic**

Warnings and Cautions

Key Product Features

Component Names and Functions

Starting the System for the First Time

Warnings

Do not operate the Multimedia system while driving, such as entering POIs or conducting route searches. Such acts could lead to accidents. Park the vehicle before operating the device.

- Even when receiving route guidance from the Navigation system, please abide by actual traffic and road regulations. Following only the Navigation route guidance may lead to violations of actual traffic and road regulations and lead to traffic accidents.
- Do not disassemble, assemble, or modify the Multimedia system. Such acts could result in accidents, fire, or electric shock.
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- If you use phone related functions while driving, you will find it difficult to concentrate on operating the vehicle and the current traffic conditions, so the possibility of an accident may increase. Please use phone related functions only when parked.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- For most Audio and multimedia modes, the display will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen. (The screen will only operate when the parking brake is ON for manual transmission vehicles and when the parking brake is ON or the gearshift is in the P (PARK) position for automatic.)
- Some functions other than the one mentioned above cannot be used while driving. These functions operate only when the vehicle is parked.

Cautions

Turn on the car ignition before using this device. Do not operate the Multimedia system for long periods of time with the ignition turned off as such operations may lead to battery discharge.

Pay attention to traffic conditions while driving.

- In some instances, the navigation may provide guidance through restricted areas.
- Upon using the Multimedia system for more than 10 minutes with the car engine turned off, the following warning will be displayed. After 10 minutes, the warning will be displayed for 5 seconds every 1 minute.

- Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch screen.
- When cleaning the device, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents(alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration. When experiencing product concerns, inquire with your place of purchase or service maintenance center.
- Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.

Key Product Features

This device is a multimedia system equipped with a multifunctional player that supports Radio (FM, AM), HD Radio™ Technology, SiriusXM™, USB, iPod®, Audio AUX, Bluetooth® Audio and My Music features. The WIDE VGA LCD provides a high quality resolution while the powerful and rich sound system adds to the driving enjoyment.

Display	Wide TFT-LCD Display - Provides high quality video through a Wide TFT-LCD Display using an LED Back Light. - Touch screen for maximum user convenience.
Radio	Digital Tuner Feature - Digital Tuner using PLL method that supports memory of 12 broadcast stations for each AM and FM modes. Radio broadcast station name - Displays broadcast station names. HD Radio™/Satellite Radio feature - Supports HD Radio™ reception and Satellite Radio (SiriusXM™).
Multimedia Player	Support for various Media Formats - Support for various media formats, including Radio, USB, iPod, AUX and Bluetooth® Audio Streaming modes. My Music - Supports copying of music stored within USB devices into My Music (internal memory) mode.

Navigation	Voice Guidance - Voice route guidance to safely and conveniently reach set destinations. - Various map scales that enable drivers to accurately view map and surrounding areas. Automatic Correction for Current Location - Automatically corrects current position using map matching and GPS information.
Miscellaneous	<i>Bluetooth®</i> Wireless Technology - Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel control. Digital Screen Control Features - Easy control of features through touch screen options. Steering Wheel Control - Control over audio features, voice recognition and Bluetooth® through the steering wheel control for maximum convenience.

Component Names and Functions

Head Unit



Name		Description
1	● POWER/ VOL	- When power is off, press to turn power on - When power is on, press and hold (more than 0.8 seconds) to turn power off - When power is on, press quickly (less than 0.8 seconds) to turn Audio off - Turn left/right to control volume
2	RADIO	Selects FM/AM/SiriusXM™ mode Each time this is pressed, the mode is changed in order of FM → AM → SiriusXM™ → FM

Name		Description
3	MEDIA	Selects MEDIA mode If the media is not connected, MEDIA mode will not be activated.
4	PHONE	Displays user to phone screen

Head Unit



Name	Description
5 ▼ SEEK TRACK ▲	When pressed quickly (less than 0.8 seconds), - FM/AM mode: plays previous/next frequency - SiriusXM™ mode: plays the previous/next channel - MEDIA (USB/iPod/My Music) mode: changes the track, file or title (except for USB Image and AUX) When pressed and held down (more than 0.8 seconds), - FM/AM mode: Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency. - SiriusXM™ mode: continuously changes the channel until the key is released and plays the current channel - MEDIA (USB/iPod/My Music) mode: rewinds or fastforwards the track or file (except for USB Image, Bluetooth Audio and AUX)
6 MAP VOICE	Displays the map for the current position

Name	Description
7 UVO	Displays the UVO screen
8 SETUP	Displays the Setup screen
9 ● TUNE	- FM/AM mode: changes the frequency - SiriusXM™ mode: changes the channel - MEDIA (USB/iPod/My Music) mode: changes the track, file or title (except for USB Image, Bluetooth Audio and AUX)
10 RESET	Resets the system settings. (Preset radio channels and other data will not be deleted.)
11 SD MAP	SD card insert slot

※ The actual feature in the vehicle may differ from the illustration.

Steering Wheel Controls



Name	Description
1 	When pressed quickly (less than 0.8 seconds), - Activates voice recognition When pressed and held (more than 0.8 seconds), - Ends voice recognition - If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free.

Name	Description
2 	- Each time this is pressed, the mode is changed in the order of FM → AM → SiriusXM™ → USB Music or iPod → AUX → Bluetooth Audio → My Music → FM  You can select which mode to use in Advanced Settings. - If the media is not connected, corresponding modes will be disabled - Press and hold (more than 0.8 seconds) to turn the Audio system on/off - When power is off, press to turn power back on
	Use to adjust the volume of audio or call.
3 	- Mutes the audio. (It will be paused in some media modes.) - Mutes the microphone during a call.
4 	When pressed quickly (less than 0.8 seconds), - FM/AM mode: searches broadcast frequencies saved to Presets - SiriusXM™ mode: searches broadcast channels saved to Presets - MEDIA(USB/iPod/My Music) mode: changes the file or chapter (except for USB Image, AUX) When pressed and held (more than 0.8 seconds), - FM/AM Mode: automatically searches broadcast frequencies - SiriusXM™ mode: automatically searches broadcast channels - MEDIA(USB/iPod/My Music) mode: quickly looks up songs (except for USB images, AUX, and Bluetooth audio files)

Steering Wheel Controls



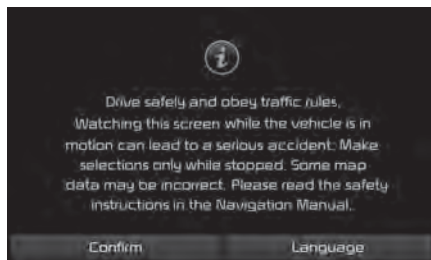
Name		Description
5		When pressed quickly (less than 1.2 seconds), • When pressed in the dial screen, makes a call • When pressed in the incoming call screen, answers the call • When pressed during call waiting, switches to waiting call (Call Waiting) When pressed and held (more than 1.2 seconds), • When pressed in the Bluetooth® Handsfree, redials the last call • When pressed during a Bluetooth® Handsfree call, switches call back to mobile phone (Private) • When pressed while calling on the mobile phone, switches call back to Bluetooth® Handsfree (Operates only when Bluetooth® Handsfree is connected)
6		• When pressed during a call, ends the phone call • When pressed in the incoming call screen, rejects the call

※ The actual feature in the vehicle may differ from the illustration.

Starting the System for the First Time

Turning the System On/Off

Press the engine start button or set the ignition key to On or ACC. Each time you turn on the system, a boot logo and safety warning will appear.



Pressing the power key on the head unit will display the user confirm screen. To change the system language between English, French, Spanish and Korean press the Change **Language** button.

NOTICE

- You cannot operate the system while it is booting up. It may take some time for all of features of the system, particularly the voice recognition system, to be ready for use.

Pressing and holding the power key on the head unit will turn off the system.

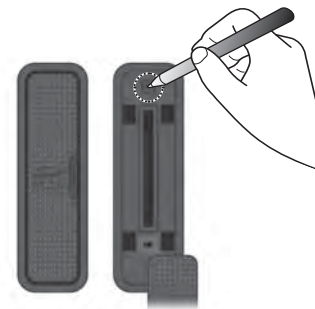
Information

- If you turn off the system during a phone call using the hands-free feature, then the call will automatically switch to your mobile phone.

NOTICE

- Check the volume when turning on the system. Before turning on the system, adjust the volume to a reasonable level.

System Reset



The System Reset function restores the system when it is malfunctioning. Press and hold the RESET key for a second or longer. (It is recommended that you press the RESET key using a tool, such as a pin or a clip.)

Battery Warning Message

Always use the system while the car engine is running. If you turn on the system while the engine is off, a battery warning message will appear. When the engine starts, the message will disappear.



NOTICE

- If you use the system for a long time with the engine off, the battery may become completely empty.
-

Restrictions on Features for Safety Measures

The restriction screen will disappear when shifting gears into P.

WARNING

- Blank Screen

- Refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock).
-

WARNING

- Touching the Antenna During A Thunder Storm

- Do not touch the antenna during thunder or lightning as such acts may lead to lightning induced electric shock.
-

Home Screen

Controls Menu Configuration for the Home Screen



Features	Description
1 Navigation Widget	- Provides a brief view of the navigation map and the route screen. - Touch any area on the screen to move to the navigation screen.
2 AV Widget	- Shows brief information on the radio media currently playing. - Touch the area to move to the mode for what you are listening to.
3 PHEV	Getting Started with PHEV(Plug-in Hybrid Electric Vehicle) Mode.
4 All Menus	Shows all of the items in the system menu.
5 My Menu	- You can add and save up to eight menu items. - Add your favorite menu items to have quick and easy access to them.

Information Display on the Status Bar

Displays the date and time, along with the system status shown by the various icons to the right of the clock.

The icons in the following table indicate the various types of system status details and events.

	AV-Mute	Navigation-Mute	Making a call and Bluetooth connection			Wi-Fi
ICON						
Description	Mute AV sound	Mute Navigation sound	Bluetooth phone remaining battery	Handsfree connection	Making a call using BT phone	Bluetooth phone reception sensitivity
ICON						
Description				Connecting to music stream		Connecting to Wi-Fi
ICON						
Description				Handsfree+ streaming connection	Mute Bluetooth phone microphone	Displays when 911 connect is available.
ICON						
Description				Downloading contacts/ recent calls		

Adding Your Favorite Menu Items to My Menu

From the Home screen, select **My Menu** ► and then **Edit**.

From the Edit My Menu screen, select menu items from the list on the right, then drag and drop them to a desired place on the left.

To remove the item from My Menu, drag item from the left and drop them on the right.



i Information

- Up to eight items can be added to My Menu.

On-Screen Touch Controls

Learn how to touch the screen to operate the system.

Select

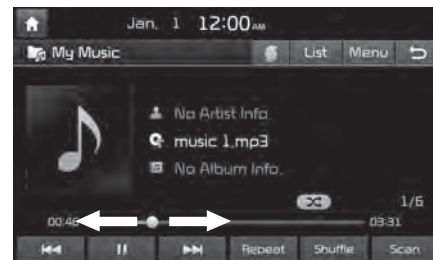
Tap lightly on a menu or an item to select it.

NOTICE

- The system will not recognize your touch if you wear a glove or other non-conductive material. Touch the screen using your finger, an electrostatic touch-screen glove, or a stylus pen.

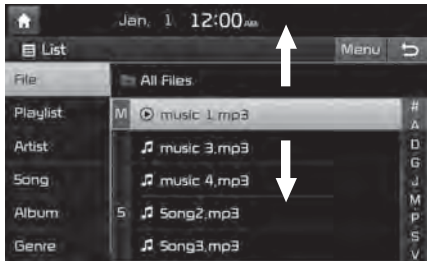
Drag & Drop

Select a menu or item you want, then drag and drop it to where you want to place it.



Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from.

Flick (Quick Scrolling)



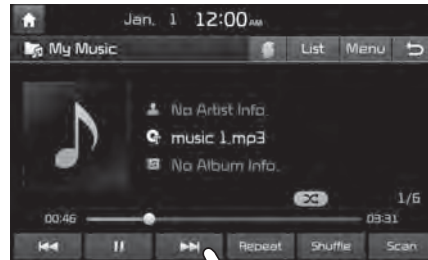
Quickly moves up and down in the list.

NOTICE

- Moving the list when there are many items will display a handler on the right of the display. You can easily move many items at a time with the handler.

Select and Hold

Selecting and holding the  or  buttons in the music player will rewind or fast forward the music.



MEMO

02

part.2 Plug-in Hybrid Electric Vehicle (PHEV)

- Starting Plug-in Hybrid mode
- Menu screen for Plug-in Hybrid mode
 - Plug-in Hybrid mode Settings
 - ECO Driving
 - Energy Information
 - EV Range
 - Set Charging Times
 - Electric Charging Stations
 - Gas Stations

Plug-in Hybrid Electric Vehicle (PHEV)

Starting Plug-in Hybrid mode

Select the **PHEV** menu on the Home Screen, or select the **PHEV** menu from the Main Menu.



Menu screen for Plug-in Hybrid mode

Plug-in Hybrid mode consists of six menus and settings including ECO Driving, Energy Information, EV Range, Set Charging Times, Charging Stations (Search for Charging Stations), and Gas Stations (Search for Gas Stations).



Features	Description
1 ECO Driving	Displays a real-time image for fuel economy or ECO level based on the user's selection. Provides detailed information on fuel economy, ECO level, or history when this menu is selected.

2 Energy Information	Displays a real-time image showing information about the battery and the flow of energy based on the user's selection.
3 EV Range	Displays the possible driving distance on a map.
4 Set Charging Times	Goes to the menu to set times for charging.
5 Charging Stations (Search for Charging Stations)	Displays a list of charging stations nearby.
6 Gas Stations (Search for Gas Stations)	Displays a list of gas stations nearby.
7 Settings	Goes to the settings menu to select the real-time information that will be displayed on the Home Screen.

Plug-in Hybrid mode Settings

You can change the settings for which real-time information will be displayed on the Home Screen.

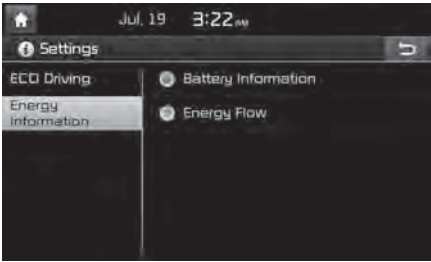
ECO Driving widget settings

You can select for the widget to display either fuel economy or ECO level.



Energy Information widget settings

You can select for the widget to display either information about the battery or the flow of energy.



ECO Driving

Displays fuel economy, information about ECO level, and history of ECO driving.

Energy Information

Displays detailed information about the battery and the flow of energy.

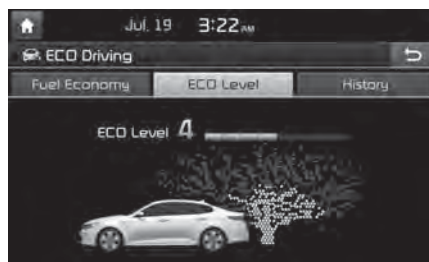


Features	Description
1 Average	Shows average fuel economy according to the vehicle's driving.
2 Reset	Resets information of the fuel economy graph displayed.
3 History	Shows fuel economy for the last 30 minutes(the graph is updated every 2 minutes and 30 seconds).

i Information

- The fuel economy graph is reset when the vehicle's ignition is turned off.
- Average shows cumulative average fuel efficiency since last refuelling and is preserved even when the graph is reset.

ECO Level



The following ECO levels are displayed according to the vehicle's mode.

The level increases as your driving becomes more economical and environment-friendly.

History

The screenshot shows the vehicle's History display. At the top, it says 'Jul. 19 3:22 AM' and 'ECO Driving'. Below this, there are three tabs: 'Fuel Economy', 'ECO Level', and 'History'. The 'History' tab is selected, showing a table of driving history with columns for date, distance, and fuel economy.

	Fuel Economy	ECO Level	History
Jul 19, 2016	13.98 mi	22.4 MPG	
Jul 18, 2016	17.40 mi	21.5 MPG	
Jul 17, 2016	18.64 mi	16.5 MPG	
Jul 16, 2016	6.21 mi	16.5 MPG	
Jul 15, 2016	7.33 mi	17.9 MPG	

Driving dates, distance and fuel economy for the past 30 drives in the History are displayed.

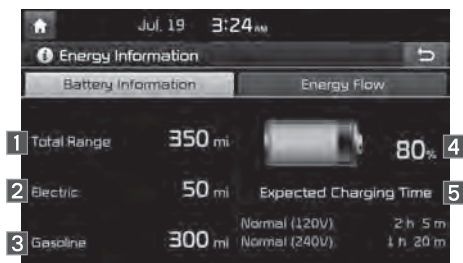
i Information

- Press the **Menu** button at the top to delete History.

Energy Information

Displays detailed information about the battery and the flow of energy.

Battery Information

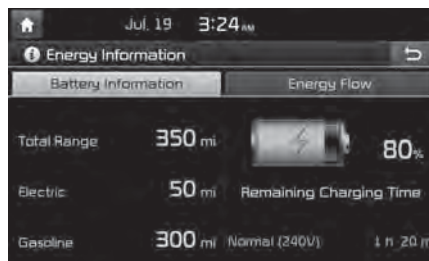


Features	Description
1 Total Range	Possible driving distance at current fuel level (sum of electricity and gasoline)
2 Electric	Possible driving distance with the currently remaining battery level
3 Gasoline	Possible driving distance with the currently remaining gasoline

4 Battery Gauge	Current level of battery charge
5 Expected Charging Time	Time required to complete charging when a charging cable is connected

i Information

- Depending on the type of charging cable used, the time remaining until charging is complete will be displayed when the cable is connected.



Energy Flow

Status of power delivery is shown for each component according to the vehicle's driving.

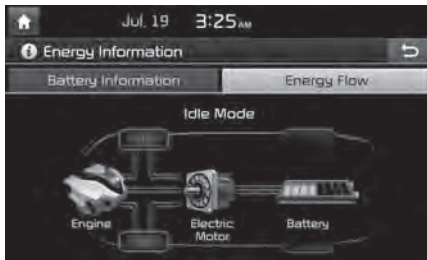


Features	Description
1 Engine	Shows operating status of the engine.
2 Electric Motor	Shows operating status of the hybrid motor.
3 Battery	Shows operating status and remaining battery power for driving the motor.
4	Shows flow of power delivery between the components.
5	Shows driving status of the hybrid vehicle.

Driving Status of Hybrid Vehicle

Idle Mode

The vehicle is in the Idle mode with no delivery of power.



Engine Mode

The engine's power is used for driving the vehicle.



Hybrid Mode

The engine's power and the motor's power are both used for driving the vehicle.



Charging

The engine's power is used for driving the vehicle and the battery is charged at the same time.



Charging

While the vehicle is in the Idle mode, the engine's power is used for charging the battery.



Engine Braking

The engine's power is reduced for slowing down the vehicle.



Charging

The deceleration energy from braking is used for charging the battery.



Electric Mode

The battery power is used for driving the motor, which drives the vehicle. The engine's power is not used.



Charging

The engine's power is used for charging the battery, and the motor's power is used for driving the vehicle at the same time.



Charging

The engine's power is reduced for slowing down the vehicle, and the deceleration energy is used for charging the battery at the same time.



Charging

Both the engine's power and the deceleration energy from braking are used for charging the battery.



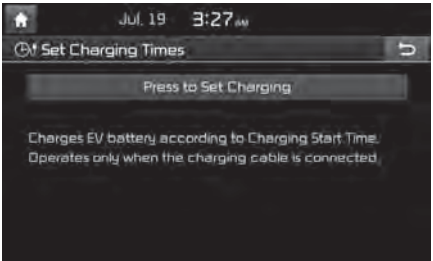
EV Range



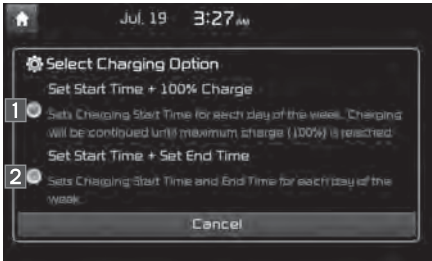
Name	Description
1 Green circle	Reachable area

Set Charging Times

Charging starts automatically at the set time on the day(s) of the week selected by the user.



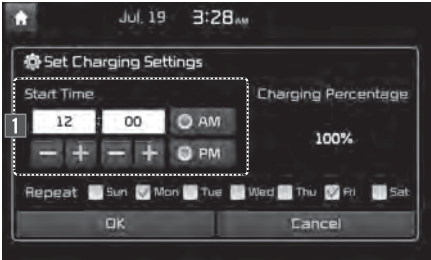
Select the **Press to Set Charging** button to display the menu for selecting the charging method.



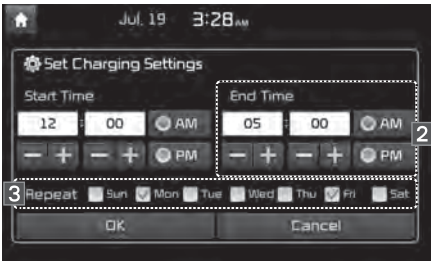
Name	Description
1 Set Start Time + 100% Charge	Set the start time for charging for each day of the week. Battery is charged until it is fully charged.
2 Set Start Time + Set End Time	Set the start time and the end time for each day of the week. Charging stops when it is the end time.

Depending on the charging method selected, a screen to set time(s) is displayed.

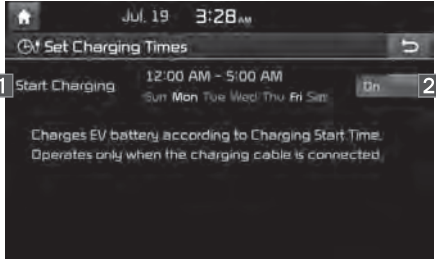
When selecting Set Start Time + 100% Charge



When selecting Set Start Time + Set End Time



Name	Description
1 Charging Start Time	Select the time to start charging the battery.
2 Charging End Time	Select the time to stop charging the battery.
3 Repeat	Select the day(s) to start automatic charging with the set values.



The settings are displayed on the screen once saved.

	Description
1	Reselecting a list changes the settings.
2	Set a list to Off to disable its schedule settings.

i Information

- The charging start time is set according to the current time displayed in the head unit.
- The battery charging function operates only when charging cable has been connected.

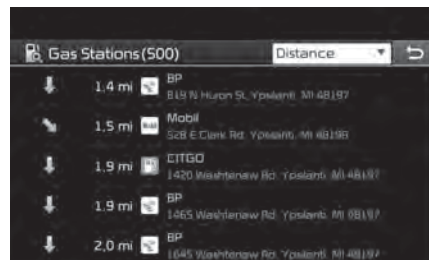
Electric Charging Stations

Shows the list of nearby EV charging stations within a driving distance.



Gas Stations

Search for gas stations.



03

part.3 **AV**

FM/AM

HD Radio™ Technology

SiriusXM™

USB

iPod®

AUX

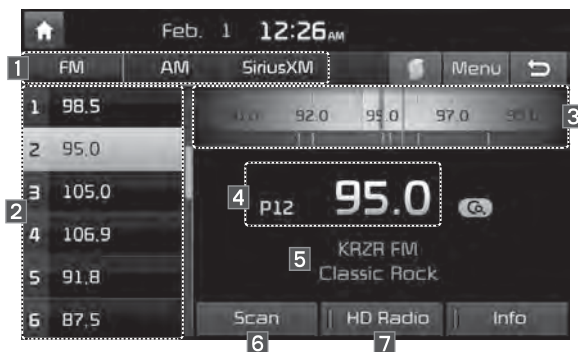
Bluetooth® Audio

My Music

FM/AM

You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from All Menus on the Home screen.

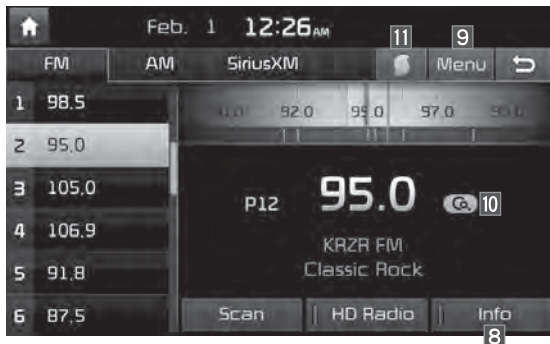
FM/AM Mode Display Controls



i Information

- If you press the **RADIO** key when the power is off, then the power will turn on and a radio broadcast will be tuned from the current mode.
- If you are in the FM/AM mode, select the FM/AM radio widget from the Home screen to access the radio player.

Features	Description
1 Mode Display	• Displays the current operating mode • If you tap on FM, AM, or SiriusXM in the Mode Display, the corresponding mode will be selected.
2 Preset	• Shows saved presets for user selection • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A 'beep' will sound and the frequency is saved to the selected preset button. i A total of 24 frequencies with 12 preset frequencies each for FM/AM modes can be saved.
3 Frequency Bar	• Flick the frequency bar left/right to search for available radio channels to the left or right of the current channel. • Dragging: Drag the frequency bar to the left/right to find the radio channel that you want.
4 Frequency	Displays the current frequency
5 Broadcast station	Displays the current broadcast station name.
6 Scan	Plays frequencies with superior reception for 5 seconds each
7 HD Radio	When the HD Radio soft button is ON (the red indicator on the HD Radio button is illuminated), HD Radio signals will be received.



Features	Description
8 Info	Turns the Radio Text information on and off - If the Info soft button is OFF (the red indicator on the Info button is not illuminated), information will not be displayed even if there is information being transmitted from the broadcast station. - If the Info soft button is ON (the red indicator on the Info button is illuminated), then broadcast information will be displayed. Information may not be displayed if there is no information being transmitted from the broadcast station.

Features	Description
9 Menu	- Autostore Saves frequencies with good reception to Preset buttons i While Auto Store is operating, pressing the Auto Store button again will cancel the function and play the previous frequency. - Preset Scan Plays preset frequencies for 5 or 10 seconds each - HD Radio reception on: 10 seconds - HD Radio reception off: 5 seconds
10 Scan/ Auto Scan/ Preset Scan	Displays an activated mode from the Scan/Auto Scan/Preset Scan modes.
11 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
12 SEEK/TRACK	- When pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency. - When pressed and held (more than 0.8 seconds): Moves quickly through all of the frequencies. From the moment that you release the button, the system will seek the next available frequency.
13 TUNE	Turn the  TUNE knob to manually seek available frequencies. - FM: Increment/decrement by 200 kHz - AM: Increment/decrement by 10 kHz

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

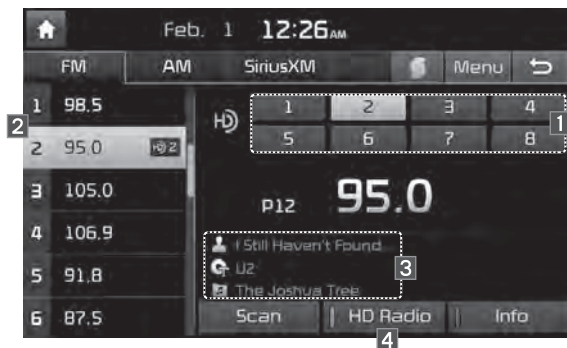
FM stations can provide additional digital-only audio programming on HD2/HD3 Channels.

If an HD Radio™ broadcast is received, the radio mode will switch from analog broadcast to HD Radio™ broadcast.

i Information

- The HD Radio™ screen is displayed only when a HD Radio™ broadcast is being received.

HD Radio™ Mode Display Controls



Name	Description
1 HD Radio™ Reception & Channel buttons	Displays main HD Radio™ channels and used to directly select the current available channels. i HD Radio technology allows AM and FM radio stations to transmit audio and data using a digital signal. The HD Radio format allows stations to simultaneously broadcast one or more different programs in addition to the program being transmitted on the station's analog channel. When the HD Radio soft button on the screen is ON (red indicator on the HD Radio button is illuminated), HD Radio reception will become active whenever a broadcast channel sends an HD Radio signal and when the vehicle is in areas where the signal reception is strong. If multiple HD Radio programs are available, a soft button for each channel will appear on the screen allowing you to select from HD1, HD2, etc.
2 HD Channel Number	Analog station and corresponding HD Radio™ channel number saved in the preset list.
3 HD Radio Broadcast Info	Displays detailed information about the current broadcast (the details of the information shown are different depending on whether the Info button is selected)
4 HD Radio	When the HD Radio soft button is ON (the red indicator on the HD Radio button is illuminated), HD Radio signals will be received.

SiriusXM™

You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from All Menus on the Home screen. Select the SiriusXM™ tab from the radio player.

SiriusXM™ Mode Display Controls



i Information

- If you press the **RADIO** key when the power is off, the power will turn on and a radio broadcast will be tuned from the current mode.
- If you are in the SiriusXM™ mode, select the SiriusXM™ radio widget from the Home screen to access the radio player.
- When the power is off, pressing the **RADIO** key will turn the power on and play a SiriusXM™ Radio broadcast.

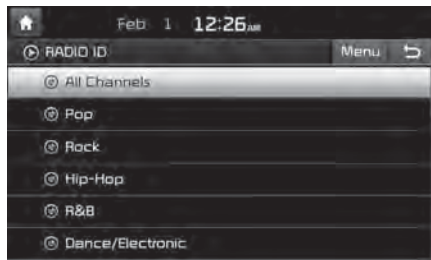
Features	Description
1 Mode Display	• Displays the current operating mode • If you tap on FM, AM, or SiriusXM in the Mode Display, the corresponding mode will be selected.
2 Preset	• Shows saved presets for user selection. • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A 'beep' will sound and the frequency is saved to the selected preset button i A total of 18 frequencies for SiriusXM™ modes can be saved.
3 Channel Logo	Displays the current channel logo.
4 Channel Info	Displays the current channel number and name.
5 Contents Info	Displays the artist, title and other information about the current playing song.
6 Category Info	Displays the current playing category.
7 Scan	Plays all receivable channels for 10 seconds each.
8 Direct Tune	Used to search for channels by entering channel numbers.
9 Category	If you press Category, when search channels through SEEK, Tune and Scan, search it in the current category.
10 Category Selection Buttons	Used to select the previous/next category.
11 Weak Signal	Displays the weak radio reception.



Features	Description
12 Play Live	Plays live broadcast mode.
13 Skip Backward	Repeats the previously broadcasted program. • Holding for less than 0.8 seconds: Moves to the previous segment • Holding for more than 0.8 seconds: Moves to the previous 5 seconds
14 Play/Pause	Pauses/plays the current broadcasting program.
15 Skip Forward	Moves to the next segment.
16 List	Displays SiriusXM™ Radio Categories/Channel Lists
17 Menu	• What is on My Presets? The program schedule saved in my preset. (For more details, see Section 3.8 Viewing Menu.) • Featured Favorites Theme channels recommended by SiriusXM™. (For more details, see Section 3.8 Viewing Menu.) • Preset Scan Plays preset frequencies for 5 seconds each.
18 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
19 SEEK/TRACK	• When pressed quickly (less than 0.8 seconds), Plays the previous/next channel • When pressed and held down (more than 0.8 seconds), Continuously changes the channel until the key is released and plays the current channel
20 TUNE	Changes the channel

Selecting through Channel/Category List

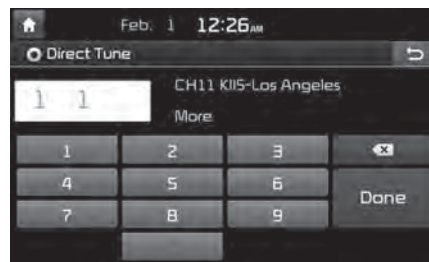
Select the **List** button ► Select the desired category and channel.



Select the desired category and the channel. Once selected, the previous screen will be restored and the selected channel will begin playing.

If you select the **Skip** button, you can scan channels using the **SEEK** **TRACK** key or the **TUNE** knob by skipping the channels that you chose to skip.

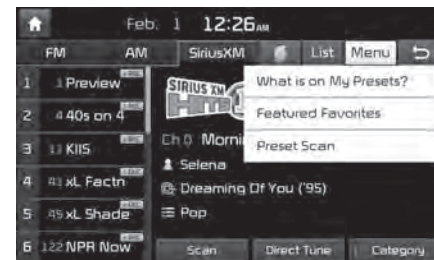
Direct Tune



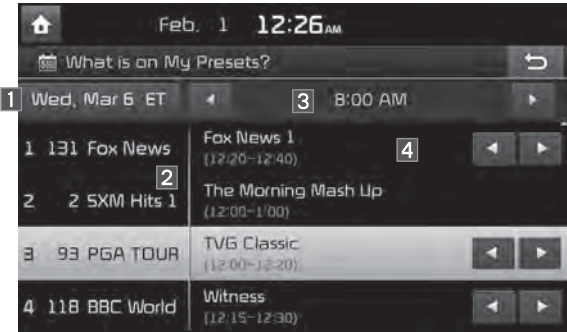
Enter the number of the channel you want to receive.

Viewing Menu

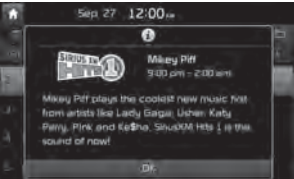
Using the **Menu** button on the right, you can view the program schedule and information about the Featured Favorites provided by SiriusXM™.



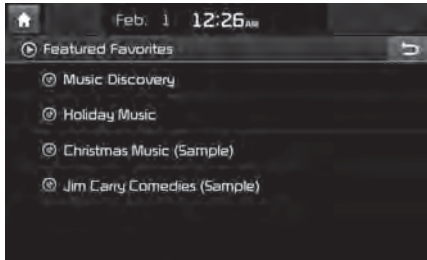
What is on My Presets? (Program Schedule)



Menu → What is on My Presets? You can select Menu to see program information and the schedules of broadcast channels listed in the Preset.

Name	Description
1 Change Broadcast Date	By selecting this option, you can select a broadcasting date and time zone. Broadcast information will be provided for one week from the current date. 
2 Preset	Shows saved presets for user selection i A total of 18 frequencies for SiriusXM™ modes can be displayed.
3 Broadcasting Time	You can select the time that you want.
4 Program Information	Shows you the program titles to be broadcast at the time that you have chosen. Select a program to see more details.  i If there is more information on the program you selected, an arrow button will be displayed on the right of the list. You can see more program information by selecting the arrow button.

Featured Favorites



Featured Favorites feature allows SiriusXM™ to broadcast additional presets.

- Example 1: "Martha's Favorites" may represent Martha Stuart's favorites presets on her radio.
- Example 2: During holidays, "Holiday Music" may represent all the SiriusXM™ channels that are playing the holiday music for easy access by users.

Multiple sets Featured Favorites data can be broadcast by SiriusXM™ and can change from time to time.

USB

Before Playing a USB MP3

Connect the USB device after turning on the engine. The USB device may become damaged if it is already connected when the ignition is turned on.

- Files that are not standard format music/image files will not be played.
- For MP3/WMA/OGG files, only music files with compression rates between 8Kbps ~ 320Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the system may not properly recognize that the USB device is connected.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- USB devices, formatted to the FAT12, FAT16, or FAT32 file system, are recommended. File systems other than FAT12, FAT16, FAT32, exFAT, and NTFS are not supported.
- Some USB devices may not be supported due to compatibility issues.

- Take caution so that the USB connector does not come in contact with body parts or objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Make sure to connect/disconnect external USB devices with the audio power turned off.
- The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB.
- The use of USB devices for purposes other than playing music and image files is prohibited.
- Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.
- When using mass storage USB devices with separate logical drives, only files saved to the root drive can be played.
- When application programs are installed to specific USBs, files may not properly play.

- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognized as portable disk drives) are connected with the device.
- Charging through the USB may not work for some mobile devices.
- The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- When playing iPods, please use a dedicated iPod car cable.
- Normal operation cannot be guaranteed when other cables are being used.
- The device will not support files locked by DRM (Digital Rights Management).
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized.
- Only use Plug type connector products, as shown in the figure below.
- To play USB MP3, the USB device must be connected to the USB port in the front multibox. The USB port in the center console storage (if equipped) is for charging only.



Plug Type Connector

Product Name	Manufacturer
XTICK	LG
BMK	BMK Technology
SKY-DRV	Sky Digital
TRANSCEND JetFlash	Transcend
Sandisk Cruzer	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	Digiworks

i Information

- Problems that occur through use of USB devices not listed within the above table are not covered by the product warranty.

Supported Music Files Specifications

Name	Description
MP3 File Specification	Specification: MPEG1 AUDIO LAYER 3
Recommended Bit Rates and Sampling Frequency	Acceptable sampling frequency: 32, 44.1, 48 (kHz)
	Acceptable bit rate : 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
	96, 128, 192 Kbps fixed bit rate/44.1kHz
ID3 Tag	Supports ID3v1.0 and ID3v1.1, ID3v2.2, ID3v2.3, ID3v2.4 ID3 tags
Detailed Specifications	Maximum directory layers: 20 layers Maximum length of folder name/file name: 255Bytes Supported characters for folder name/file name: Alphanumeric characters, Korean standard character set 2,350 characters, Simplified Chinese 4888 characters Maximum number of folders which can be stored onto one USB: 2000 folders (including ROOT) Maximum number of files which can be stored onto one USB: 8000

Information

- The sound quality of MP3 files that use bitrates exceeding 192 Kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not properly operate.

Supported Image Specifications

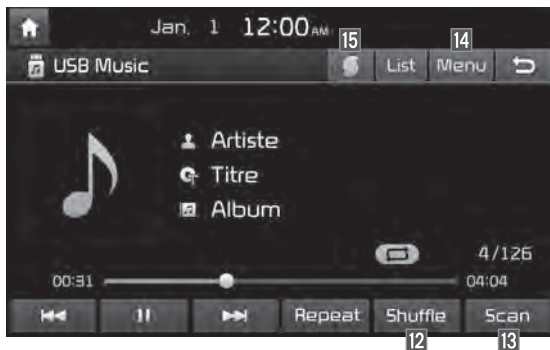
Name	Description
Image format	JPG, GIF, BMP, PNG (animated GIF, etc. are not supported)
Supported image file size	5M pixels for JPG, BMP, PNG (1M pixels maximum for GIF)

USB Music



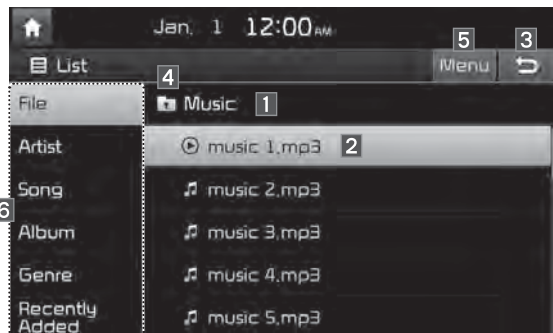
Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/title/album info
6 List	Moves to the list screen

Features	Description
7 Previous File	- If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) - If play time is less than 3 seconds, moves to previous file - If play time is more than 3 seconds, play the current file from the beginning - If button is pressed (over than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	- If button is pressed (less than 0.8 seconds): Moves to the next file. - If button is pressed (over than 0.8 seconds): It fast-forwards the track.
10 Repeat	Repeats the current file - Select the song in the file tab on the list screen: Select the Repeat button to switch between repeating one song, repeating folder, and turning repeat off - Select the song in the other tabs on the list screen: Select the Repeat button to switch between repeating one song and turning repeat off
11 Back Button	Converts to basic mode screen



Features	Description
12 Shuffle	Plays files in random order - Select the song in the file tab on the list screen: Select the Shuffle button to switch between Shuffle Folder, Shuffle All, and turning shuffle off - Select the song in the other tabs on the list screen: Select the Shuffle button to switch between Shuffle Category and turning shuffle off

Features	Description
13 Scan	Scans the beginning parts of USB files (approx. 10 seconds per file) - Select the song in the file tab on the list screen: Select the Scan button to switch between Scan Folder, Scan All, and turning scan off - Select the song in the other tabs on the list screen: Select the Scan button to switch between Scan category and turning scan off
14 Menu	- Save to My Music: You can save the current track to My Music. You can play saved track from My Music without USB. Access to My Music in the Media mode. - Hide Current File: a selected file can be deleted. Deleted file can be found in the "Hidden_" folder. i This function is only supported when USB format is compatible with FAT16 or FAT32.
15 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
16 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track.

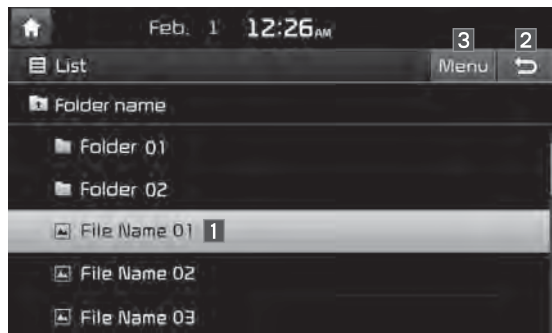


Features	Description
1 Folder/ Category Name	Displays folder/category name in the list
2 Current Song	Displays the current playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder/ Category	Moves to Upper Folder/Category
5 Menu	Now Playing: When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
6 Search Menu	Search songs by the list type.
7 SEEK/TRACK	- If button is pressed (less than 0.8 seconds): Plays previous/next track - If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.
8 TUNE	Turn the TUNE knob to move the focus to the previous/next list. If the desired track is displayed, press TUNE knob to play the track.

USB Image



Features	Description
1 Mode	Displays the current operating mode
2 Folder/ File Name	Displays folder name where image is located
3 File Index	Shows the current file/total files within the USB
4 Slideshow	Images as slideshow in 5, 10, 20, 30 second intervals
5 Rotate	Rotate image in clockwise direction
6 Info	Shows the file name, resolution and file type of current image
7 Adjust Image Size	Enlarge/reduce (zoom-in/zoom-out) image size
8 List	Moves to the list screen
9 Previous/ Next Image	Swipe image left or right to see previous/next image



Features	Description
1 Current File	Displays the current playing file name
2 Back Button	Converts to basic mode screen
3 Menu	Now Playing: When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
4 SEEK/TRACK	Controls background mode • Radio mode: Changes Frequency and Channel • Media mode: Changes Track (except for AUX)
5 TUNE	Controls background mode • Radio mode: Changes Frequency and Channel • Media mode: Changes track (except for AUX, Bluetooth Audio). • If a desired track is displayed, press the knob to move to the track.

Using iPod® Devices

- iPod is a registered trademark of Apple Inc.
- iPod mode will not operate if the connected iPod cannot be recognized due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate with the multimedia system.
- For fifth generation iPod Nano devices, the iPod may not be recognized when the battery level is low. Please charge the iPod for use.
- Search/play orders shown within the iPod device may differ with the orders shown within the multimedia system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)
- If iPod®/iPhone® repeatedly connected and disconnected to the multimedia system with USB cable in a short time, it may cause malfunction.
- The time for recognition of iPod/iPhone may vary depending on device type, firmware version and iOS version.
- For some iPod Touch and iPhone devices, connecting Bluetooth® while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth® support are connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to Bluetooth.
- To prevent this symptom, Bluetooth Audio function in the multimedia system is limited if iPod/iPhone is connected to the system through both cable and Bluetooth. To listen to the iPod sound, use either iPod menu with USB connection or Bluetooth Audio with Bluetooth connection.
- To listen to the iPod sound, reconnect the USB cable or change the audio output settings in iPod/iPhone to Dock.
- In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/ iPhone products)
 - ※ During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/ iPhone product.) will charge the iPod through the head unit.
 - ※ The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
 - ※ To play iPod music through cable connection, the iPod/USB cable must be connected to the USB port in the front multibox. The USB port in the center console storage (if equipped) is for charging only.

- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1~2 seconds immediately after connection. If possible, connect the iPod to the vehicle with the iPod stopped/paused.
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- When connecting to iPod Nano/Classic, the KIA Motor logo appears on the Apple device. For the iPod Nano 6 generation, however, the logo image does not appear since it is not supported. Also, all iPhone and iPod Touch products do not support this function.
- In Apple's iOS 6.0 version or later, Podcast and Audiobook media files are designed to be played with the Podcasts and iBooks applications specifically designed for Apple products. If the Apple device does not provide the Podcast and Audiobook lists, the playlist may not be displayed and played in the multimedia system iPod mode.
- If the Apple Podcasts and iBooks apps are not installed on the Apple device, but the Apple device provides the Podcast and Audiobook lists, you can play files in other categories in multimedia system iPod mode.

- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changed some functions in the device.
- When calling with an iPhone connection, song may stop playing due to an Apple device feature. If sound does not resume after the call is terminated, check the device status.
- If lots of songs have the same information, skipping may occur when previous/next song is executed due to an Apple device feature. Also problems may occur depending on device type or iOS version.
- If lots of songs have the same information, the song that plays may be different between the system and the Apple device. Reset the device or delete the same songs in the Apple device using iTunes.

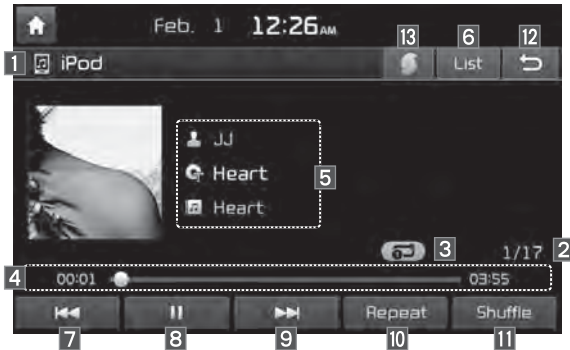
- If you control pause, repeat, shuffle, or seek songs when the play time is less than 3s before the song is finished playing, it may occur difference of playing song between the multimedia system and Apple device. Access to iPod music from another mode or pause a song and then play a song again in Apple device.

- We recommend that your Apple device uses the latest firmware since some problems may occur due to an outdated firmware or other software related issues.

Type	1G	2G	3G	4G	5G	6G	6.5G	7G
iPod Mini	Not Supported							
iPod Shuffle	Not Supported							
iPod Nano	○	○	○	○	○	○	Not released	○
iPod Touch	○ (iOS 1.1 not supported)	○	○	○	○	Not released		
iPad	○ (Unable to charge, Not verified, Normal working not guaranteed)							
iPad Mini	○ (Unable to charge, Not verified, Normal working not guaranteed)							
iPod Classic	Not Supported				○ (iPod with Video)	○ (iPod Classic)	○ (iPod Classic)	Not released
Type	3G	3GS	4G	4GS	5G			
iPhone	Not verified, Normal working not guaranteed	○	○	○	○			

- If the iPhone/iPod Touch supports Bluetooth, the Apple device will not be able to use the Bluetooth function if the device is connected through both the USB port and via Bluetooth. Disconnect the USB connection then use Bluetooth Audio.
- If iPod/iPhone connected to the multimedia system through both USB and AUX. iPod/iPhone keeps output sound via AUX, thus it may occur sound will not output in iPod mode.
- If AUX cable connected to iPod/iPhone but not connect to the Multimedia system, it may occur sound will not output in iPod mode due to iPod/iPhone's feature. Especially, if you use AUX cable like pictures, this problem may occur.
- Disconnect AUX cable from iPod/iPhone first, then connect to the multimedia system via USB. Or change settings to "Dock" in iPod/iPhone.
- If connect to the multimedia system while podcast or iTunes music downloading to iPod®/iPhone®, problems may occur when you select song in the list. Reconnect iPod®/iPhone® to the multimedia system when downloading is finished or the file deleted.
- If connect to the multimedia system while sync, it may incur some problems. Try to use iPod®/iPhone® connection after sync complete. (To learn more, refer to your iPod manual)
- iPhone and iPod Touch devices are guaranteed to work normally on iOS 7.0.6 or below. However, they may not work normally on future iOS versions as their operations have not yet been tested.

iPod®

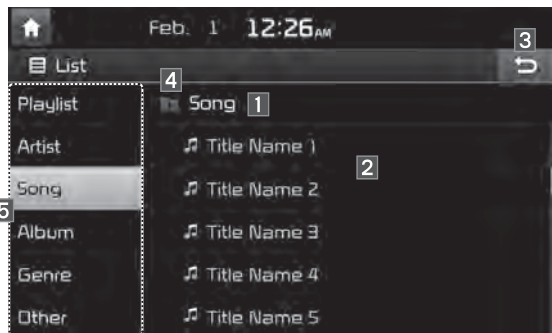


Features	Description
1 Mode	Displays the current operating mode
2 Song Index	Shows the current song/total songs
3 Repeat/Shuffle	From Repeat/Shuffle, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/title/album info
6 List	Moves to the list screen

Features	Description
7 Previous File	- If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) - If play time is less than 3 seconds, moves to previous file - If play time is more than 3 seconds, play the current file from the beginning - If button is pressed (over than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	- If button is pressed (less than 0.8 seconds): Moves to the next file. - If button is pressed (over than 0.8 seconds): It fast-forwards the track.
10 Repeat	Repeats the current file Select the Repeat button to switch between repeating 1 track, and turning repeat off
11 Shuffle	Plays files in random order When selecting Shuffle button, it changes to shuffle category → deactivate shuffle then repeat Shuffle Category: Shuffle song in the current category
12 Back Button	Move to home/previous mode screen
13 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.



Features	Description
14 TUNE	Turn the ● TUNE knob to search a desired track. If the desired track is displayed, press the ● TUNE knob to play the track. i If the ● TUNE knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.



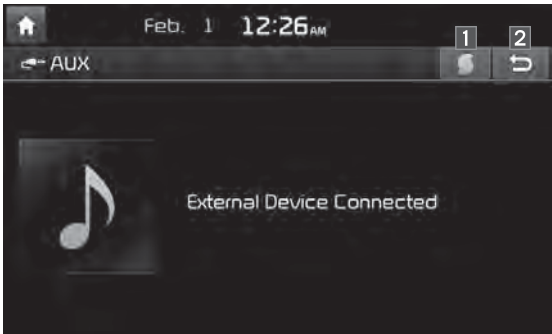
Features	Description
1 Category Name	Displays the category name
2 Category List	Displays the contents of selected category i If there are many items in the list, items are added in order and the scroll bar on the right is adjusted accordingly.
3 Back Button	Converts to basic mode screen
4 Upper Category	Moves to Upper Category
5 Search Menu	Search songs by the list type.
6 SEEK/TRACK	- If button is pressed (less than 0.8 seconds): Plays previous/next track - If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.
7 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track. i If you do not anything with the knob for 5 seconds, the TUNE knob search will be terminated.

AUX

Connecting an External Device

If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate. Once the connector is disconnected, the previous mode will be restored.

- AUX mode can be used only when an external audio player has been connected.
- The AUX volume can also be controlled separately through the connected device.



Features	Description
1 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
2 Back Button	Move to home/previous mode screen

i

Information

▽SEEK

TRACK▲

key, ● TUNE is not supported.

NOTICE

• If only cable connected to the AUX without an external device, the mode changed to AUX, but noise may occur. When an external device is not being used, remove the connector jack.

• When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.



※ The actual feature in the vehicle may differ from the illustration.

Bluetooth® Audio



Features	Description
1 Mode	Displays the current operating mode
2 Phone Name	Displays name of connected phone
3 Artist Info	Name of current artist

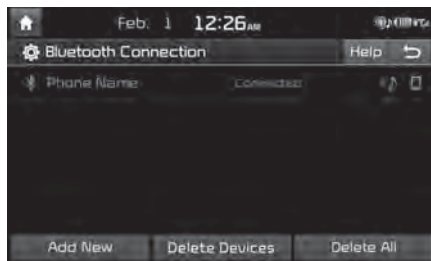
Features	Description
4 Title	Name of current song
5 Previous File	- If play time is less than 3 seconds, moves to the previous file - If play time is more than 3 seconds, plays the current file from the beginning <i>i</i> This function may differ depending on the model of mobile phone.
6 Play/Pause	Plays/Pauses Bluetooth Audio
7 Next File	Moves to the next file
8 Repeat	Repeats the current file <i>i</i> This function may differ depending on the model of mobile phone.
9 Shuffle	Plays files in random order <i>i</i> This function may differ depending on the model of mobile phone.
10 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
11 Connections	Moves to the Bluetooth Settings screen. You can pair a new device or change/delete paired device(s).
12 SEEK/TRACK	Plays the previous/next file
13 TUNE	● TUNE is not supported.

i Information

- Artist info and Title may not be supported by mobile phone.

Bluetooth® Connections Settings

Settings for pairing, connection and disconnection of a Bluetooth device.



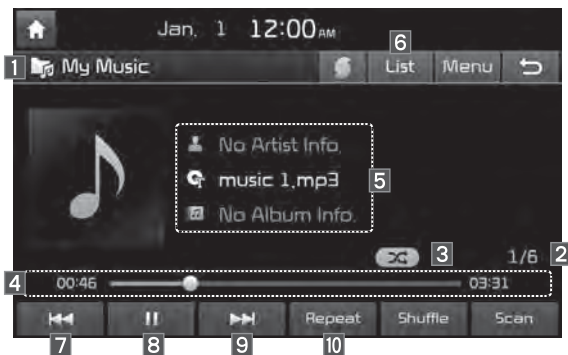
In Bluetooth Audio play screen, select

Connections.

i Information

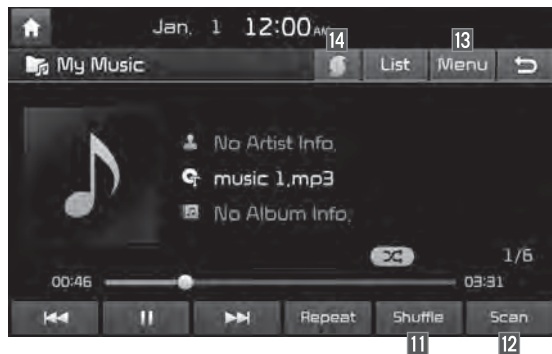
- If the music in the mobile phone is not played after changing to audio streaming mode, press the play button. Thus check if the music is playing in the Bluetooth device after changing to audio streaming mode. Audio streaming may not be supported for some mobile phones.
 - Please check the Bluetooth compatibility in below website:
KIA Motors Corporation <http://www.kia.com>
-

My Music

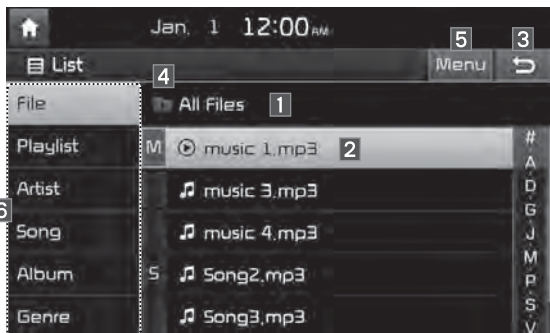


Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files
3 Repeat/Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/title/album info
6 List	Moves to the list screen

Features	Description
7 Previous File	- If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) - If play time is less than 3 seconds, moves to previous file - If play time is more than 3 seconds, play the current file from the beginning - If button is pressed (over than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	- If button is pressed (less than 0.8 seconds): Moves to the next file. - If button is pressed (over than 0.8 seconds): It fast-forwards the track.
10 Repeat	Repeats the current file - If select the song in the file tab on the list screen: Select the Repeat button to switch between repeating one song and turning repeat off. - If select the song in the other tabs on the list screen: Select the Repeat button to switch between repeating one song and turning repeat off



Features	Description
11 Shuffle	Plays files in random order - Select the song in the file tab on the list screen: Select the Shuffle button to switch between shuffle and turning shuffle off - Select the song in the other tabs on the list screen: Select the Shuffle button to switch between shuffle and turning shuffle off
12 Scan	Scans the beginning parts of USB files (approx. 10 seconds per file) - Select the song in the file tab on the list screen: Select the Scan button to switch between scan and turning scan off - Select the song in the other tabs on the list screen: Select the Scan button to switch between scan and turning scan off
13 Menu	- Add to Playlist: Adds the current song to the Playlist: Playlist is placed on the left tab in the list - Delete Current File: Deletes the current track from My Music.
14 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
15 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track. i If the TUNE knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.



Features	Description
1 Folder/Category Name	Displays folder/category name in the list
2 Current Song	Displays the current playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder	Moves to Root Folder

Features	Description
5 Menu	• Add to Playlist: Adds the current track to the Playlist: Playlist is placed on the left tab in the list (Maximum 100 files) Select a track and press "Add to Playlist" to add the track in the playlist • Delete from Playlist: Select a track from the playlist and press "Delete from Playlist" to delete the track in the playlist • Delete Files: Deletes files from My Music i If delete file from My Music, the information related to song also deleted in the list. • Now Playing: When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
6 Search Menu	Search songs by the list type.
7 SEEK/TRACK	• If button is pressed (less than 0.8 seconds): Plays previous/next track • If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.
8 TUNE	Turn the TUNE knob to move the focus to previous/next file. If the file you want to play is displayed, press TUNE knob to play the track. i If the TUNE knob is not pressed within 5 seconds of searching tracks, Tune search will be terminated.

MEMO

04

part.4 Bluetooth®

Before Using the Bluetooth® Handsfree
Bluetooth® Connection
Bluetooth® Phone

Before Using the Bluetooth® Handsfree

What is *Bluetooth®* Wireless Technology?

- *Bluetooth®* Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, *Bluetooth®* Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the multimedia system.

- The Bluetooth® Handsfree feature may not be supported in some mobile phones. For more information on mobile phone compatibility, visit the KIA Motor website - KIA Motors Corporation: <http://www.kia.com>

WARNING

- Distracted Driving

- Focus on the road while driving. The driver's primary responsibility is in the safe and legal operation of the vehicle. Drivers should not use any hand held devices or other equipment or vehicle systems that distract the driver during vehicle operation.
 - Do not stare at the multimedia screen for long periods of time while driving. Staring at the screen for prolonged periods of time can lead to traffic accidents and can result in personal injuries.
-

Precautions for Safe Driving

- Bluetooth® is a feature that enables drivers to make handsfree calls. Connecting the head unit with a Bluetooth® phone allows the user to conveniently make calls, receive calls, and manage the phonebook. Before using *Bluetooth®* Wireless Technology, carefully read the contents of this user's manual.
- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

CAUTIONS upon Connecting Bluetooth® Phone

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth® features.
- Even if the phone supports *Bluetooth®* Wireless Technology, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth® power is turned off. Disable the hidden state or turn on the Bluetooth® power prior to searching/connecting with the head unit.
- If Auto Connection is used, the Bluetooth® phone is automatically connected when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.
- If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off of the Bluetooth® device.
- Park the vehicle when connecting the head unit with the mobile phone.
- Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
 1. Turn the Bluetooth® function within the mobile phone OFF/ON and try again.
 2. Turn the mobile phone power OFF/ON and try again.
 3. Completely remove the mobile phone battery, reboot, and then again.
 4. Reboot the Audio multimedia system and try again.
 5. Delete all paired devices from both of Phone and Head Unit sides and then try again
- The Handsfree call volume and quality may differ depending on the mobile phone.
- Pairing Bluetooth® devices and use of other Bluetooth® features are not supported when the vehicle is in motion. For safety, please first park your vehicle.
- If you continue having issue downloading your contacts to your vehicle, contact your mobile phone provider.

Bluetooth® Connection

Pairing a New Device

Before you can use the Bluetooth feature, you must first pair/connect your mobile phone to your car.

Up to 5 Bluetooth devices can be paired.

Only one Bluetooth device can be connected at a time.

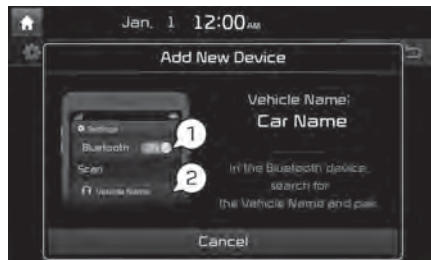
Pairing a New Device by Selecting Phone/Call

Press the **PHONE** key in the head unit or **PHONE** key in the steering wheel control.

► Pair your car after your mobile phone detects the Bluetooth device. ► Enter the passkey or accept the authorization popup. ► Connect Bluetooth.

Pairing a New Device Through the Phone Settings

Press the **SETUP** key in the head unit. ► Select **Bluetooth**. ► Select **Bluetooth Connection**. ► Select **Add New**. ► Pair your car after your mobile phone detects the Bluetooth device. ► Enter the passkey or accept the authorization popup. ► Connect Bluetooth.



The default passkey is 0000.

The Vehicle Name above is an example. Check the actual information on the product.

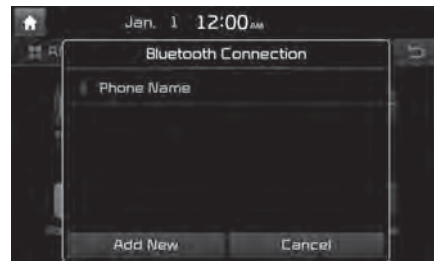
Connecting Bluetooth® Devices

Connects the Bluetooth devices that you add.

Connecting Devices by Selecting Phone/Call

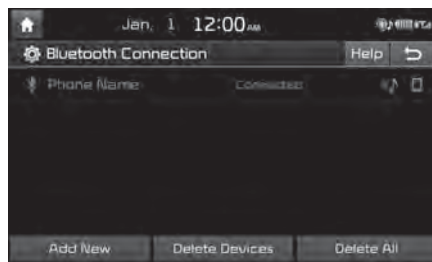
Press the **PHONE** key in the head unit or **PHONE** key in the steering wheel control.

► Select the name of the device to connect. ► Connect Bluetooth.



Connecting Devices Through the Phone Settings

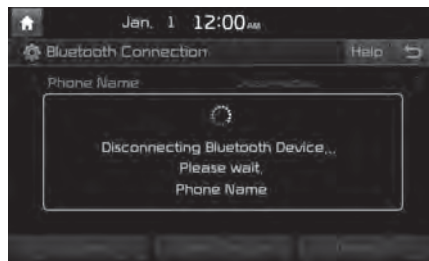
- Press the **SETUP** key in the head unit. ▶
Select **Bluetooth**. ▶ Select **Bluetooth Connection**.
▶ Select the name of the device to connect.
▶ Connect Bluetooth.



Disconnecting Bluetooth® Devices

Disconnects Bluetooth devices that are connected.

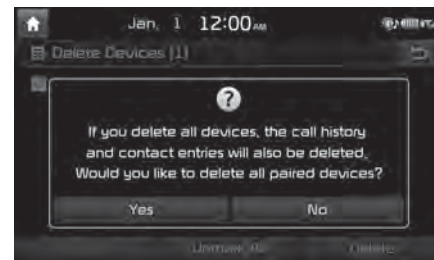
- Press the **SETUP** key in the head unit. ▶
Select **Bluetooth**. ▶ Select **Bluetooth Connection**.
▶ Select the name of the device to disconnect.



Deleting Bluetooth® Devices

Deletes the Bluetooth devices that you added. Note that deleting a Bluetooth device will delete all Call History and Contact Info downloaded along with it.

- Press the **SETUP** key in the head unit. ▶
Select **Bluetooth**. ▶ Select **Bluetooth Connection**.
▶ Select **Delete Devices**. ▶ Select the device name to delete. ▶ Select **Delete**.



Bluetooth® Phone

Phone Status Icons

Shows the current phone status in the right top of the display.



Icons	Description
	You can use Bluetooth phones when a Bluetooth hands-free connection is established.
	You can use Bluetooth audio features when a Bluetooth audio connection is established.
	You can use Bluetooth phones and audio features when both Bluetooth Hands-free and audio connections are established.
	Call signal strength indicator
	Battery level of the Bluetooth devices connected
	Downloading Call History list
	Downloading Contacts
	In a Bluetooth phone call
	Microphone muted

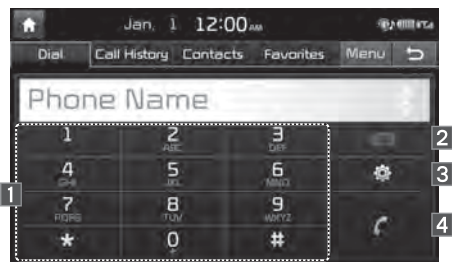
i Information

- The battery level icon and the call signal strength indicator may not be supported in some Bluetooth devices.
- The battery level may differ from the actual level remaining.

Dial

Dials a call after the Bluetooth devices are connected.

Press the **PHONE** key in the head unit ► and then **Dial**.

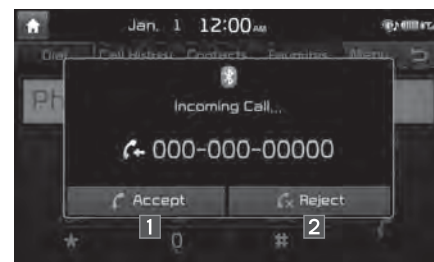


Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Press and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone
2 Delete	Deletes the numbers that you entered.
3 Settings	Moves to a screen of Bluetooth Connection.
4 Call	Makes a call after you dial a number and select  . If the number is listed in Dialed Calls, you can select the number and select  to automatically dial that number again.

i Information

- Some types of mobile phones may not support the Speed Dial function.

Accept/Reject Call



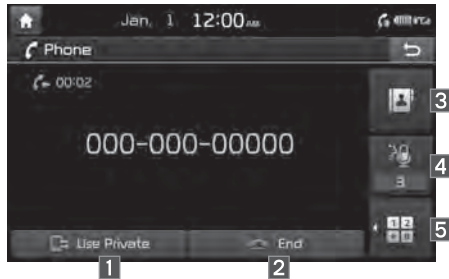
If there is an incoming call after you made a Bluetooth connection, a popup message will appear.

Name	Description
1 Accept	Answers the call.
2 Reject	Ignores the call.

i Information

- In some mobile phones, the caller's number may not be displayed, and the Reject feature may not be supported.

Using the Menu During a Phone Call



When making a call, you can use the following menu items.

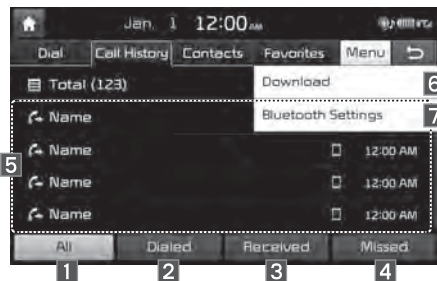
Name	Description
1 Use Private	Switches a voice call from the car hands-free to the mobile phone.
2 End	Ends a call.
3 Contacts	Displays the Contacts list.
4 Outgoing Volume	Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 - 5).
5 Keypad	Moves to a screen for entering ARS numbers.
6 Switch	Switches to a call on hold, if any. You can also switch calls by selecting the number in the Information Display. The Switch function switches the current call to a waiting call in order to answer a new incoming call.

i Information

- If the caller's number is listed in Contacts, the caller's name will be displayed. Otherwise, only the number will be displayed. In some mobile phones, the phone number may not be displayed.
- In some Bluetooth devices, the Use Private feature may not be supported.
- In some Bluetooth devices, the Switch feature may not be supported.
- During a phone call on a Bluetooth Hands-free, you cannot access other modes, such as Radio and Setup.
- Depending on handset types, the in-call volume the other party hears may differ. If the other party hears your voice too low or too loud, adjust the mic volume.

Call History

Press the **PHONE** key in the head unit ► and then **Call History**.



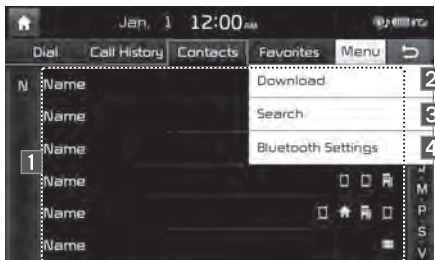
Name	Description
1 All	Lists the all call history.
2 Dialed	Lists the calls that you made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls you missed.
5 Call History	Displays all of your call history. Select from the list to dial the number.
6 Download	Downloads the call history information from your mobile phone.
7 Bluetooth Settings	Moves to a screen of Bluetooth Settings.

i Information

- In some mobile phones, call records may not be added to your Call History.
- Calls from restricted ID's are not added to your Call History Information.
- Up to 50 calls can be added in each Dialed Calls/Received Calls/Missed Calls list.
- The durations of each dialed/received call are not displayed in your car's Call History list.
- While the call history download is in progress, the status bar displays an icon (i).
- If the call history download is turned off on the Bluetooth device, the call history download will fail.
- Some devices require a device authentication for downloading your call history. If download fails, check if the Bluetooth settings or display status are normal.
- Some devices do not support call history download. Check if your Bluetooth device supports download feature. For details regarding Bluetooth-supported devices and their functional compatibility, visit <http://www.kia.com>

Contacts

Press the **PHONE** key in the head unit ► and then **Contacts**.



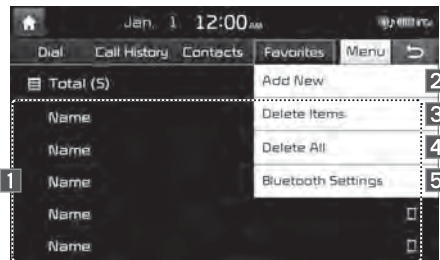
Name	Description
1 Contacts List	The list of Contacts. Select from the list to dial the number.
2 Download	Downloads contacts from your mobile phone.
3 Search	Searches Contacts.
4 Bluetooth Settings	Moves to a screen of Bluetooth Settings.

i Information

- Up to 5000 phone numbers can be downloaded from a single, paired Bluetooth device.
- You cannot edit or delete downloaded phone numbers from your car.
- Contacts can be viewed only when the Bluetooth device is connected.
- Even if the Bluetooth device is disconnected, the downloaded data will remain.
(Note that deleting a paired phone will also delete all downloaded Contacts and Call History data)
- Downloaded phone numbers may be lost depending on the condition of the head unit. Keep your important data in a safe place.
- Contacts from both the SIM card and your mobile phone are downloaded at the same time by default.
- Only supported contacts format can be downloaded and displayed from the Bluetooth device, contacts from some applications will not be included.
- The status bar displays a (📶) while downloading contacts.
- The download will not be available if the contacts download function is turned off on your Bluetooth device.
- Some devices require a device authentication for downloading your contacts. If download fails, check your phone screen and confirm the download if necessary.
- Some devices do not support contacts download feature. Check if your Bluetooth device supports contacts download. For Bluetooth supporting devices details and compatibility, visit <http://www.kia.com>

Favorites

Press the **PHONE** key in the head unit ►
and then **Favorites**.



Name	Description
1 Favorites	Lists the phone numbers saved as Favorites. Select from the list to dial the number.
2 Add New	Adds a new number to Favorites.
3 Delete Items	Deletes numbers that you select from Favorites.
4 Delete All	Deletes all of the numbers from Favorites.
5 Bluetooth Settings	Moves to a screen of Bluetooth Settings.

MEMO

part.5 UVO eServices

- Before using UVO eServices
- Getting Started with UVO eServices
 - Rear view mirror key function
- UVO eServices Voice Local Search
 - UVO eServices
 - UVO eServices Settings

UVO eServices

The UVO eServices function is supported for vehicles purchased in USA.

Before using UVO eServices

What is UVO eServices?

This is a Kia telematics service based on our cutting-edge IT system that makes your driving experience more convenient and fun and features safety, security, vehicle diagnostics, remote control and even smart-phone synchronization functions. Enjoy a smarter driving style with UVO eServices.

What is Telematics?

The word “Telematics” stems from the combination of telecommunications and informatics, and refers to an information system that provides a variety of driving information through the built-in terminal by analyzing each symptom and driving state. This allows for a much safer and more comfortable driving experience.

5-2 | UVO eServices

Regarding the TX and RX of radio

There may be limitation of the UVO eServices depending on the environment of the mobile network since it communicates with UVO system using mobile communication network. It may affect UVO phone, the connection to the UVO center or the TX/RX of wireless data at the place as the following. Refer to the status icon (📶) of the TX/RX signal on the top status display bar for the status of TX/RX signal. It is advisable to use the UVO system when the antenna level of the TX/RX signal is four or more.

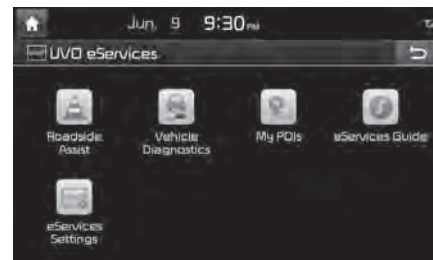
Places where UVO may be disrupted depending on the transmission/reception status:

- Inside tunnels
- Mountainous areas or dense forest
- Roads close to cliff edges
- Densely built-up areas
- On highways or roads underneath higher interchange roads
- Inside buildings

Getting Started with UVO eServices

You can use UVO features including Roadside Assist, Vehicle Diagnostics, My POIs, eServices Guide, eServices Settings.

1. Select **UVO** key.
2. Select the desired item.



- [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.
- [Vehicle Diagnostics]: Diagnoses anomalies in the vehicle and checks diagnostic results.
- [My POIs]: Displays the POI information transmitted via webpages, the user's smartphone, etc.
- [eServices Guide]: Connects to the UVO center and provides information about the UVO eServices features.
- [eServices Settings]: Displays Service Activation, 911 Connect, and Modem Information.

Rear view mirror key function



Location	Description
1 	eServices Guide • Connects to the UVO center and provides information about the UVO eServices features. (For more information, see the eServices Guide section.)
2 	UVO eServices Voice Local Search • UVO eServices Voice Local Search(For more information, see the UVO eServices Voice Local Search section.)
3 	Roadside Assist • Connects to the center and provides vehicle towing services in case of a vehicle anomaly. (For more information, see the Roadside Assist section.)

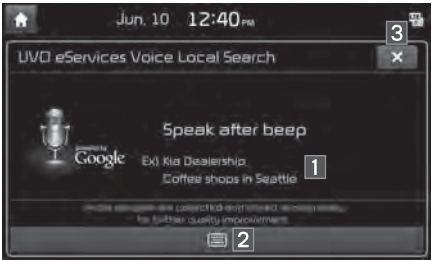
UVO eServices Voice Local Search

What is UVO eServices Voice Local Search?

With UVO eServices network service, you can search for Google-provided place names with your voice. Separated from Voice Recognition in the steering wheel, it specializes in place name searches and may be run with a **UVO** key in the rear-view mirror. The search is done through network services; it is only available when connected to a communication network.

UVO eServices Voice Local Search

Press **UVO** key in the rear-view mirror (less than 0.8 seconds) to start UVO Voice Local Search.



Name	Description
1 Example command	Shows an example to ask for a place search.
2 Manual search button	Switches the UVO eServices Voice Local Search screen to manual search.
3 End button	Ends UVO eServices Voice Local Search. (With UVO eServices Voice Local Search, press UVO key in the rear-view mirror again to end the service.)

- NOTICE**
- If you change the language set for the system to Korean or French, this function will not be supported. Change the system language to other language.

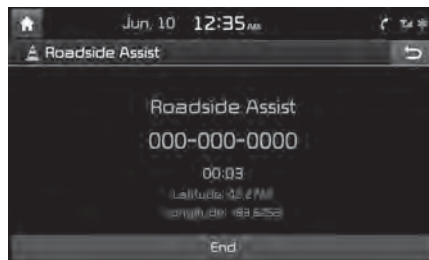
UVO eServices

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 eServices. However, the Roadside Assist feature is not available if your UVO eServices period is expired. When your service period is expired, please reactivate your service to use the Roadside Assist feature.

1. Select **UVO** key ► **Roadside Assist**.
(Or, press the  button on your rear-view mirror.)



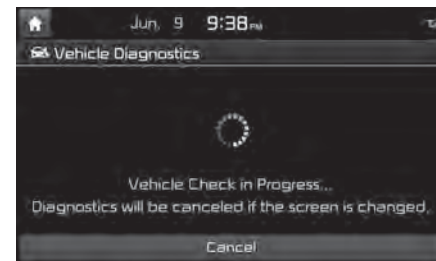
NOTICE

- You can still use the Roadside Assist feature without registering for UVO eServices.
- If you have no network coverage, please move to a new location and try again.

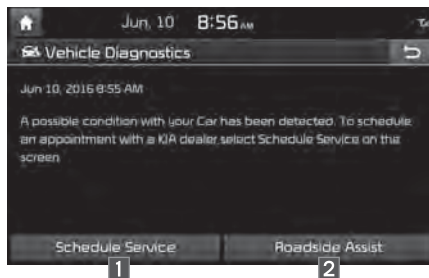
Vehicle Diagnostics (Manual Diagnostics)

Vehicle Diagnostics diagnoses anomalies in the vehicle and provides diagnostic results. UVO eServices 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. Select **UVO** key ► **Vehicle Diagnostics**.

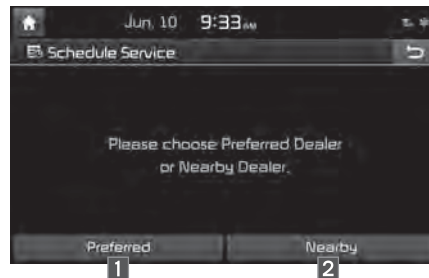


2. Select the desired item.



Name	Description
1 Schedule Service	Requests a service from your preferred dealership or a nearby dealership.
2 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.



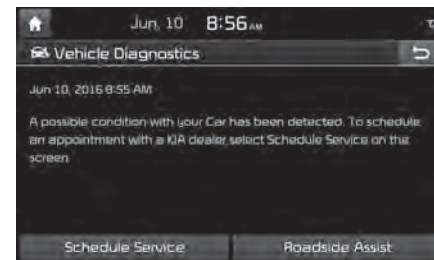
Name	Description
1 Preferred	Sends vehicle diagnostics results to the registered dealer on MYUVO.com to request a phone appointment.
2 Nearby	Receives a list of nearby dealers, and after you have selected a dealer, sends vehicle diagnostics results to the dealer to request a phone appointment.

NOTICE

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

Vehicle Diagnostics (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.



NOTICE

- 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.

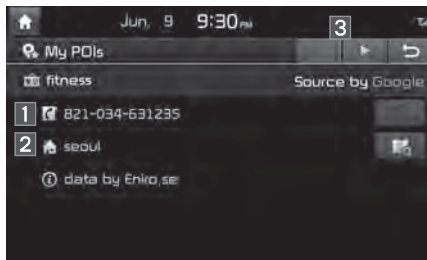
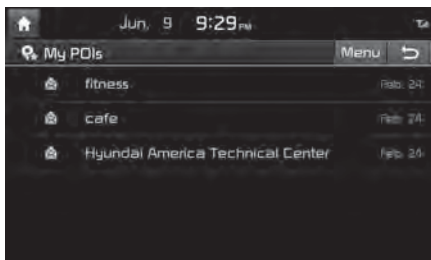
You need to sign up for UVO eServices to use My POIs.

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. Select **UVO** key ► **My POIs**.

Select the desired POI to view detailed information about it.



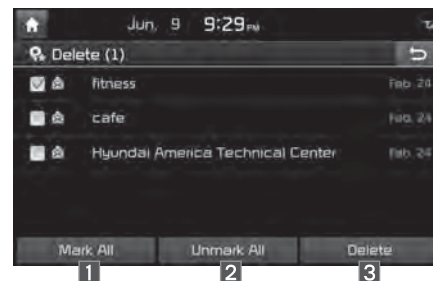
Name	Description
1 Phone Number	If you select Phone Number, a call is made to the phone number.
2 Address	If you select Address, the address is plotted on the on-screen map.
3 [Previous/Next]	Displays the previous/next POI.

NOTICE

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

Deleting My POIs

1. Select **UVO** key ► **My POIs** ► **Menu** ► **Delete**.
2. Select a POI you wish to delete and select **Delete**.



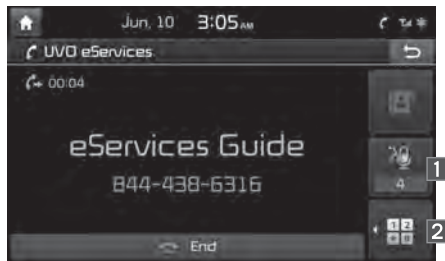
Name	Description
1 Mark All	Selects all POIs.
2 Unmark All	Deselects all the selected POIs.
3 Delete	Deletes the selected POIs.

eServices Guide

eServices Guide connects to the UVO center and provides information about the UVO eServices features.

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

1. Select **UVO** key ► **eServices Guide**.
(Or, press the **i** key on your rear-view mirror.)



Name	Description
1 Outgoing Volume	Adjusts the microphone volume during a call.
2 Keypad	Displays the numeric keypad.



NOTICE

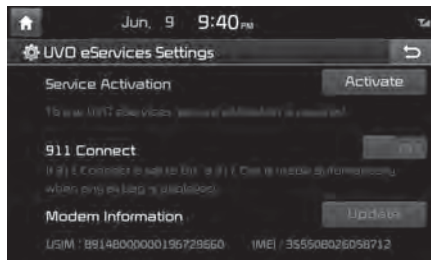
- The eServices Guide is not available during a Bluetooth call.

UVO eServices Settings

Service Activation (when the service is not activated)

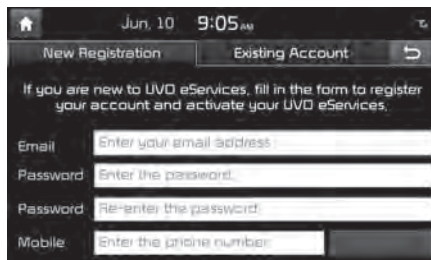
After you buy your car, you need to activate (register for) UVO eServices to use any UVO eServices features, including Vehicle Diagnostics, My POIs, and eServices Guide. If you are a first time user when you activate UVO eServices, you need to register for a new account by entering your email address, your phone number, and a password. (To register for a new account, you must accept the Terms & Conditions.) If you have an existing account registered on MyUVO.com, you must enter the email address and password you used when registering for an account.

1. Select **UVO** key ► **eServices Settings**
► **Activate**.

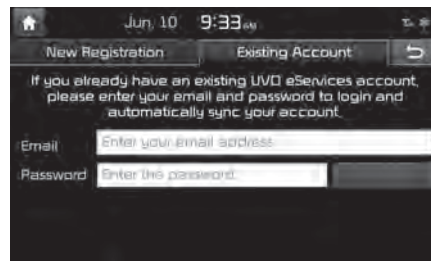


2. Registering for a new account

- : Select the **New Registration** tab to enter your email address, your phone number, and a password twice. Select **Submit**.

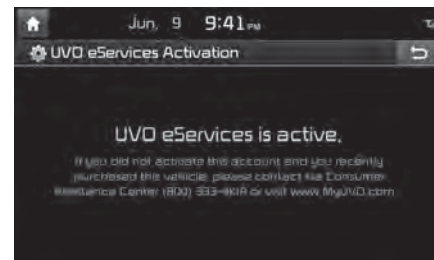
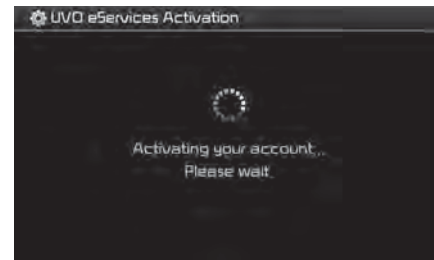


3. Registering for an existing account
: Select the **Existing Account** tab to enter your email address and password. Select **Submit**.



NOTICE

- You cannot enter your email address, your phone number, or password while your vehicle is in motion. Please enter your information after your vehicle is parked.



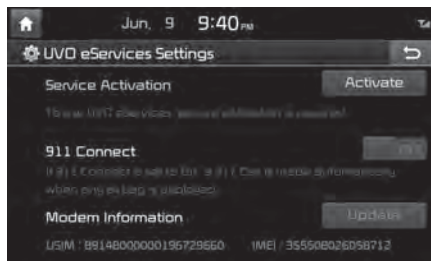
NOTICE

- Do not turn the engine off while activation is in progress.
- If activation fails, contact the UVO Center at (800) 333-4KIA.
- During service activation, the hard keys in the head unit do not work.

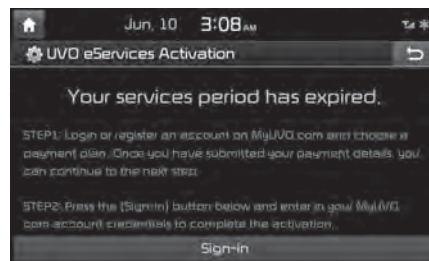
Service Activation (when the service is expired)

If your UVO eServices period is expired, the UVO eServices features (911 Connect, Roadside Assist, Vehicle Diagnostics, My POIs, and eServices Guide) are not available. To use the UVO eServices features, please reactivate your service. When reactivating your service, please enter the email address and password you used when registering for an account on MyUVO.com.

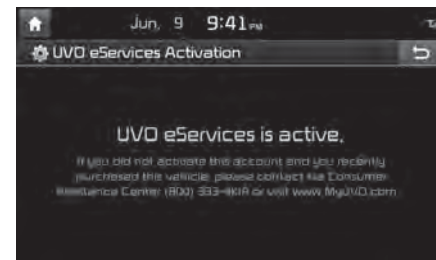
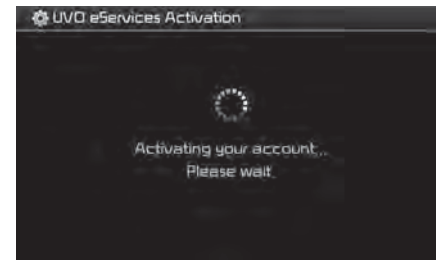
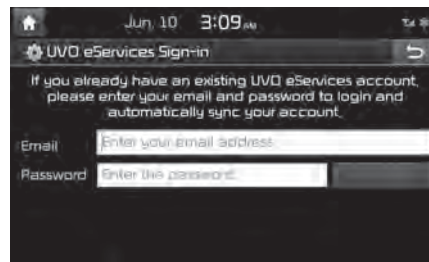
1. Select **UVO** key ▶ **eServices Settings**
▶ **Activate**.



2. Select **Sign-in**.



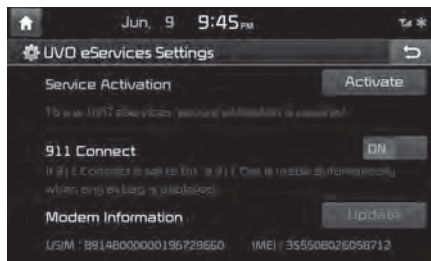
3. Enter your email address and password, and then select **Submit**.



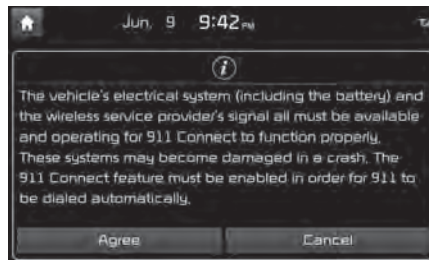
911 Connect

You can configure the 911 Connect feature. When an airbag deploys, the 911 Connect feature automatically calls 911 and sends the location information of your vehicle to a 911 operator. The 911 Connect feature is set to **OFF** by default. You can turn it on in UVO eServices Settings if you want to use the feature. You must accept the terms and conditions for 911 Connect in order to use the feature.

1. Select **UVO** key ► **eServices Settings** ► **911 Connect**.
2. Select your desired item. Select **ON** or **OFF** to turn on or off 911 Connect.



3. After you set it to **ON**, read the user agreement and select **Agree**.



4. When an airbag deploys, the 911 Connect feature automatically calls 911 and sends the location information of your vehicle to a 911 operator.



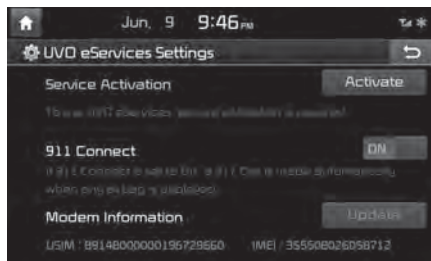
NOTICE

- If 911 Connect is turned on, you can use the feature without registering for UVO eServices.
- If 911 Connect is turned on, the  icon is displayed in the status bar.

Modem Information

This feature is used to show the USIM and IMEI modem information.

Select **UVO** key ► **eServices Settings**.



06

part.6 Navigation

Basic Features

Menu

Destination Search

Route Search

Navigation Settings

Troubleshooting

Navigation

Basic Features

Operating Navigation Screen

Basic features on the map screen.



	Name	Description
1	Place or Address	Move to Places Menu.
2		Go to the Home screen.
3		Change the map view mode.
4		Adjusts the volume.
5		Zoom in the map.
6		Set the zoom level automatically according to the guidance.
7		Zoom out the map.
8		Quick and easy selection of a destination and options.
9	Navi Menu	Enter the navigation menu screen.
10		Touch to scroll the map.
11	Set as Destination	Quick and easy selection of a destination from the map screen.
12	Add Waypoint	Set a waypoint to the current route.
13	Save	Save frequently used address to address book.
14	POI	Find a POI(Point Of Interest) around the current position.
15		View the vehicle's current position on the map screen.

Places



You can use this menu when the gear is in “Parking” mode and there is no destination set.

Select the  to move to “Places”.



Please refer to “Places” in “Destination Search” for more details.

Changing Map View

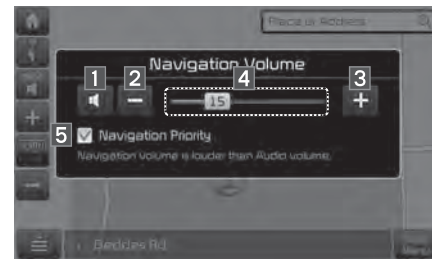


Touch the compass arrow icon to toggle between a map oriented to the North, oriented parallel to the vehicle’s heading and 3D View.

Navigation Volume



Press the  button to adjust the navigation volume.



Name	Description
1	Set the volume to mute.
2	Turn the volume down.
3	Turn the volume up.
4	Slide to set the volume.
5	Sets the volume of voice guidance louder than that of audio.

Zoom In/Zoom Out

Zoom the map view screen in and out.



Press **+** or **-** to set the zoom level.

Map Scale

Sets the zoom level automatically according to the type of road.



Name	Description
 Scale Fix	Manually adjust the map scale.
 Auto Scale	Change the map scale automatically depending on the type of road.

Menu

Route

Press  button on the bottom left of the screen ► Press **Route** button.



Select the **Route** button to set **Reroute**, **Route Options**, **Detour** or **Edit Route**.

Reroute



The **Reroute** button is active only when there is an active route. You can search a route again.

Route Options



You can select an option from Route, Traffic Information, Freeway, Toll Roads, Ferry, HOV/Carpool Lanes, Electronic Toll or Private/Gated Roads. Press **Save** to save your selection. If there is a route already saved, another route will be searched.

Detour



The **Detour** button is active only when there is an active route.



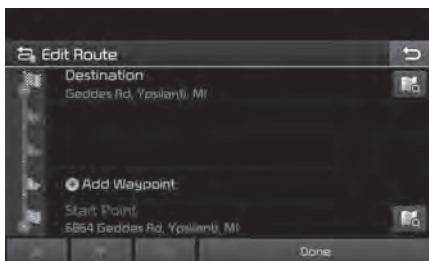
Selected distance is detoured from the current location.

Edit Route



Press the **Edit Route** button to change the route.

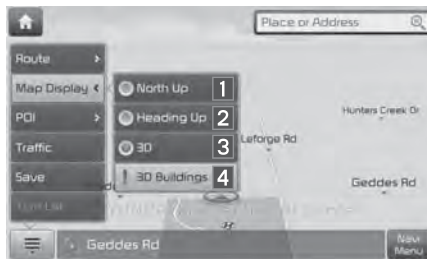
Refer to the Route > Edit Route section in the manual for more information.



Map Display

Displays the direction of the map.

Press **N**, **Heading Up**, or **3D**.



Name	Description
1 N North Up (2D)	Displays always has north at the top of screen.
2 Heading Up (2D)	Displays always shows the vehicle's direction as proceeding towards the top of the screen.
3 3D	Shows the map in 3 dimensions.
4 3D Buildings	Shows or hides buildings on the map.

POI

Select the **POI** button on the bottom left of the screen ► Select the **POI** button.

View Nearby POIs



Press **On**, **Off** button to set whether to show nearby POIs or not. When categories are selected, they will appear on the map. (ex. Gas Stations)

The lists of nearby gas stations are displayed.

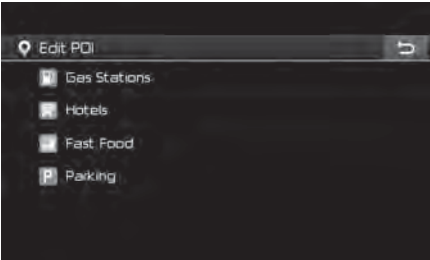


The list can be sorted to display in order of distance or name.

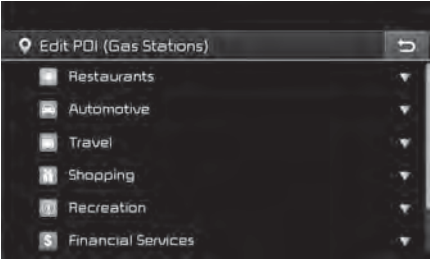


Name	Description
1 	Call to the selected location (Phone needs to be connected via Bluetooth).
2 	Set the place as a destination.
3 	Set the location as a waypoint.
4 	Save the location.
5 	Search nearby POIs.

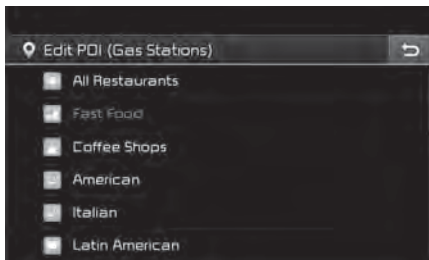
Edit



Change the shortcut POIs to display.
(ex. Gas Stations)



Select the desired category to change.
(ex. Restaurants)

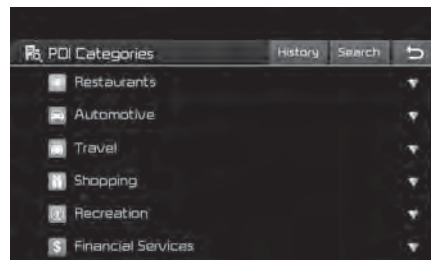


Select new category to display.
(ex. American)



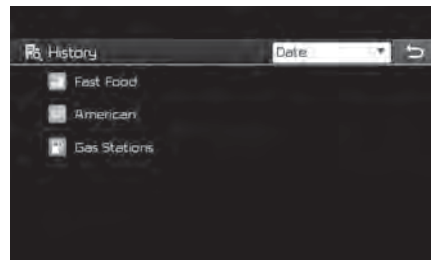
Gas Stations is changed to American.

POI Categories

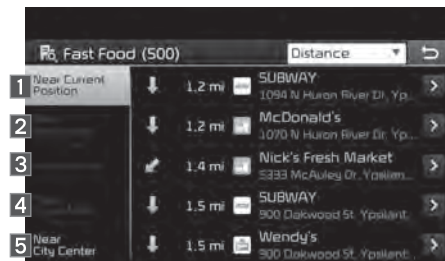
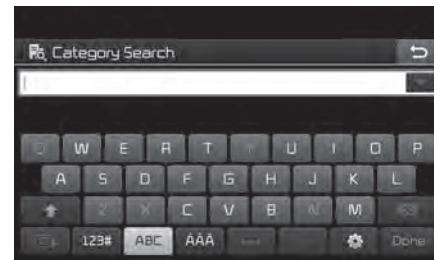


Select the item to search.

Press the History button to check the previous search result.



Press the Search button to search the POI category by name.



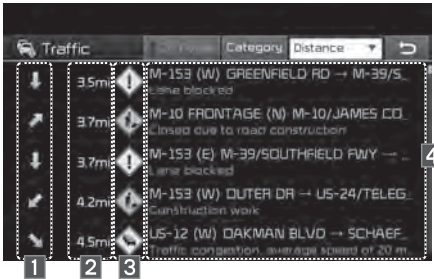
Select the desired POI to check the location and for detailed information.

Name	Description
1	Search POI around the current position.
2	Search POI around the destination. i Active only when a route's planned.
3	Search POI along route. i Active only when a route's planned.
4	Search POI around the current cursor when the map scrolled. i Active only when the cursor position is different from the vehicle position.
5	Search POI around the city selected.

Traffic

Press the  button on the bottom left of the screen ► Select the **Traffic** button.

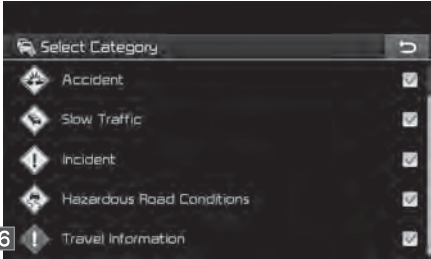
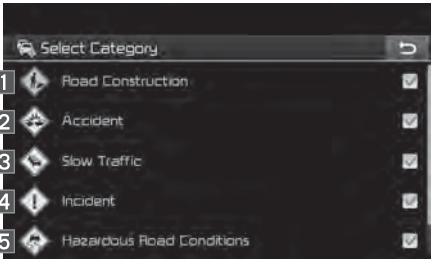
Traffic List



On the traffic list, the current traffic/road event information is displayed in order of distance.

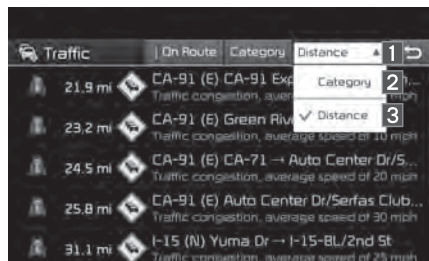
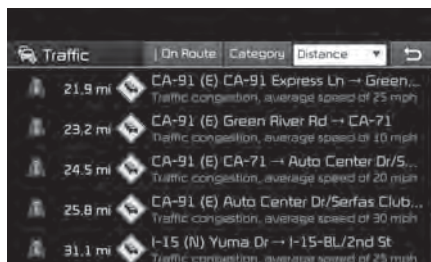
Name	Description
1	Direction from the current location.
2	Distance from the current location (mi or km).
3	Displays traffic info symbol based on the type of event.
4	Description of traffic event.

Additional traffic information may be displayed upon clicking on the **Category** button.



Name	Description
1	Display 'Road Construction' information.
2	Display 'Accident' information.
3	Display 'Slow Traffic' information.
4	Display 'Incident' information.
5	Display 'Hazardous Road Conditions' information.
6	Display 'Travel Information'.

When **On Route** is activated, only traffic information on your route is displayed.

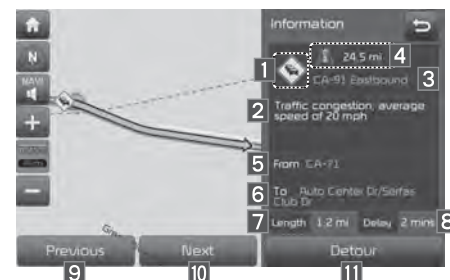


On the traffic list, the current basic traffic/road event information is displayed in order of distance.

Select the combo box to change the arrangement in order of Category/Distance.

Name	Description
1	Select the combo box to arrange.
2	Arrangement by category: Display traffic information arranged in order of traffic information event type.
3	Arrangement by distance: Display the traffic information in order of distance closer to the current location.

Traffic detail



Select the traffic information on the traffic list to display the detailed screen as shown in the screen.

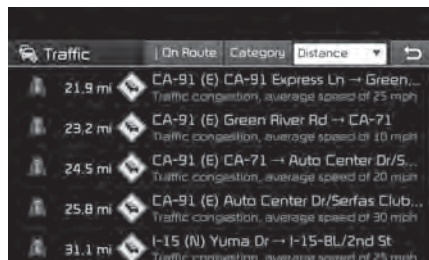
Display the symbol of traffic event and arrow which indicates the road from start to end of the traffic event. Detailed information is available on the right screen.

Name	Description
1	Symbol of traffic event.
2	Event name of traffic information.
3	Road name/road number including direction.
4	Direction and distance from the current location.
5	Intersection where traffic event starts.
6	Intersection where traffic event ends.
7	Total distance of traffic event.
8	Estimated delay time.
9	Check the previous traffic information.
10	Check the next traffic information.
11	Detour the route based on the traffic information.

Traffic detour

If there is traffic information on the route, it is possible to detour the route using traffic information and search other routes.

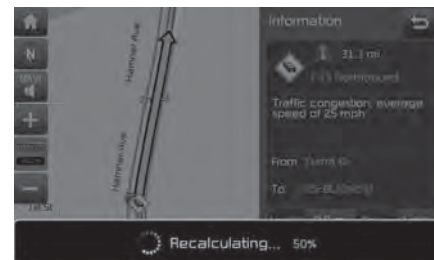
When the **Detour** button is enabled in the View Traffic Detail, press the **Detour** button to detour.



Select the desired section.

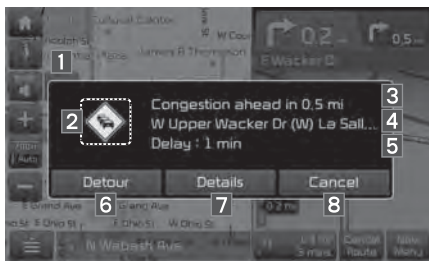


Check the information and press the **Detour** button.



Press the **Start Guidance** button to apply the detoured sections and search other routes.

Traffic Pop-up

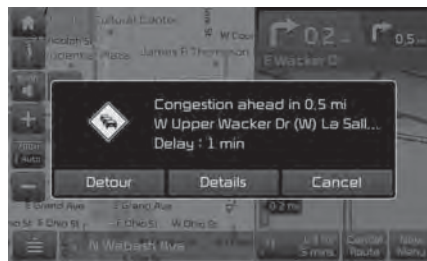


If there is a red traffic flow on the route, the Traffic icon will be shown right next to the Volume icon. Click this icon to open the Traffic pop-up window.

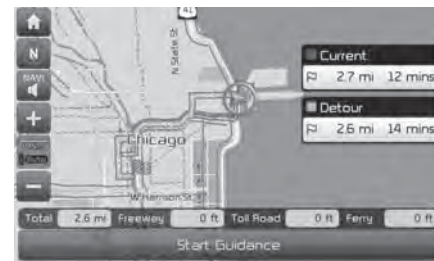
On the traffic information pop-up window, brief information is displayed and Details and Detour can be selected.

You can enable/disable the Traffic icon and pop-ups on the Navigation Setting > Traffic menu.

Name	Description
1	Pop-up Icon
2	Symbol of traffic event
3	Road Name/Road Number
4	Distance from current location.
5	Estimated delay time.
6	Search detour route.
7	View the detailed information regarding traffic event.
8	Close the pop-up message.



On the traffic information pop-up, select **Detour** or **Details** to perform action.



Press **Detour** to change the route.



Press **Details** for further information.

Save

Press the  button on the bottom left of the screen ► Select the **Save**.



To store the location on the current map to the address book.



Name	Description
1	Change the name.
2	Enter the phone number.
3	Select the ON , OFF button to set the sound notification.
4	Possible to register Symbol.
5	Press Icon&Name , Icon or None to display on the map screen.
6	Designate to the Favorite item. When the favorite is designated, press the button on the bottom of the Destination menu and request the route guide immediately.
7	Save the setting.

Turn List

Press the  button on the bottom left of the screen ► Select the **Turn List**.



Turn on or off the Turn List.

Destination Search

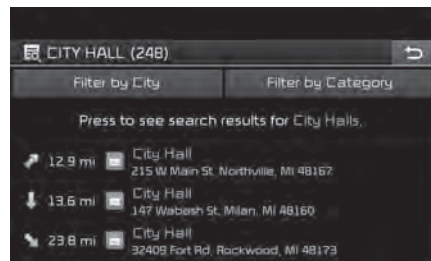
Places

You can enter POI Name, Address or Coordinates that you wish to search by.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Select the **Destination** tab. ▶ Select the **Place or Address** Search Bar.



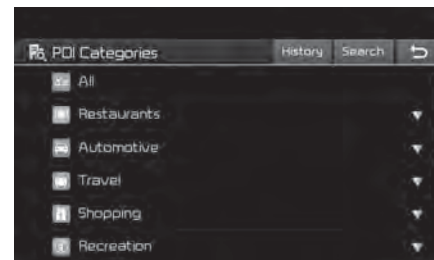
Enter the POI Name, Address and Coordinates of the location you want in the input window above, and press the **Done** button.



If you select a location from the search result list, it will bring you to the point.



If you press the **Filter by City** button on the search result screen, it will bring you to the City search screen where you can filter the search results by city names.



If you press the **Filter by Category** button from the search result screen, it will bring you to the POI Categories screen where you can filter the search results by POI Categories.



Once the destination has been identified either by POI name, address, or coordinates, the map screen will be displayed. From this screen you can set the destination or add a waypoint, or add the displayed destination to your address book.

Address

Set destination by address search.

Press the **MAP VOICE** head unit key. ► Select the **Navi Menu** in the bottom of right of the screen. ► Select the **Destination** tab. ► Select the **Address** icon.



How to Search Address



Search criteria can be entered in any order. Example: [State] then [House No.] then [Street] then [City].

Name	Description
1	Select state to search.
2	Enter house number. If you don't know the house number, press Skip button.
3	Enter a street name. If same street names exist in other cities, the list of cities will be displayed.
4	Select a city before entering the street name. Addresses are searched only from the selected city.



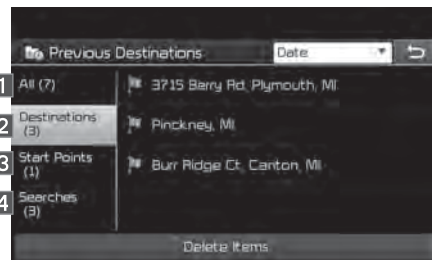
Enter the address to check the location information on the map.

Name	Description
1 Set as Destination	Set the location as a destination.
2 Add Waypoint	Set the location as a waypoint.
3 Save	Save the location.
4 POI	Search nearby POIs.

Previous Destinations

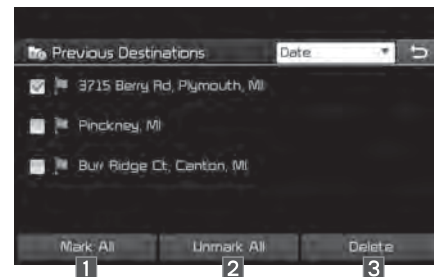
Select from previously inputted addresses and POIs.

Press the **MAP VOICE** head unit key. ► Select the **Navi Menu** in the bottom of right of the screen. ► Select the **Destination** tab. ► Select the **Previous Destinations** icon.



Arrange by all, latest destinations, latest searched places and latest departing places. Arrange in order of date and time.

Name	Description
1 All	Display all destinations, departing places, and searched places.
2 Destinations	Display previous destination places for route guidance.
3 Start Points	Display previous departing places for route guidance.
4 Searches	Display previously searched places for route guidance. <i>i</i> But, not displayed when the searched places are set as destination.



Press the **Delete** button to delete the information.

Name	Description
1 Mark All	Select all.
2 Unmark All	Deselect all.
3 Delete	Delete the selected item(s).

Local Search

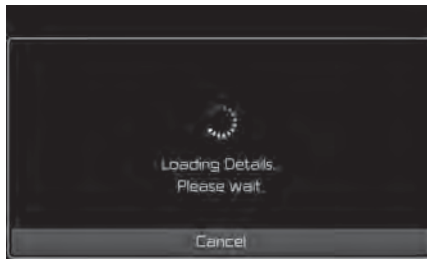
Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Select the **Destination** tab. ▶ Select the **Local Search** icon.



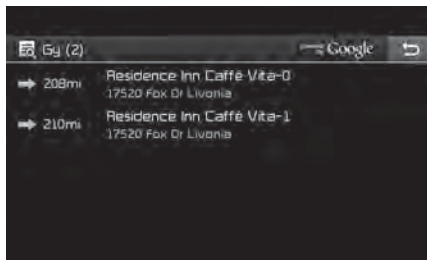
Runs Google Local Search.



Enter the desired keywords and press the **Done** button.



Searching is in progress.



If one or more results are found, the search results are displayed. Select one of the search result.

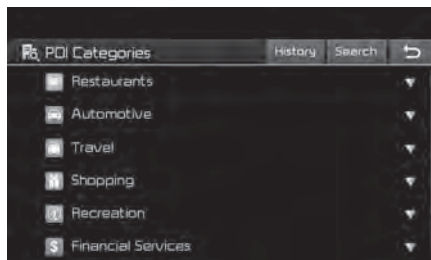


Press the **Set as Destination** button to start guidance.

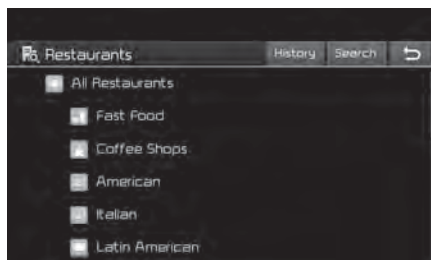
POI Categories

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Select the **Destination** tab. ▶ Select the **POI Categories** icon.

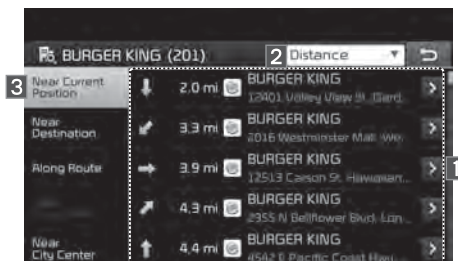




Select the desired item.



Select the desired item in the sub-categories.



Name	Description
1	Select the desired destination among the searched items and add it as a way point.
2	Arrange in order of Distance and Name.
3	Arrange in order of Near Current Position, Near Destination, Along Route, Near Scroll Mark and Near City Center.

Charging Stations

Search for charging stations.

Press the **MAP VOICE** head unit key. ► Select the **Navi Menu** in the bottom of right of the screen. ► Select the **Destination** tab. ► Select the **Charging Stations** icon.

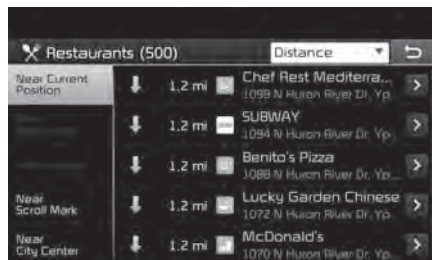


Select the desired destinations among the search items.

Restaurants

Search restaurants.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Select the **Destination** tab. ▶ Select the **Restaurants** icon.

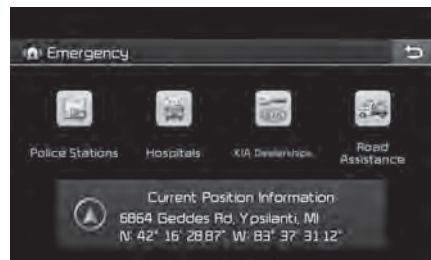


Select the desired destination among the searched items.

Emergency

Search emergency facilities.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Select the **Destination** tab. ▶ Select the **Emergency** icon.



Check the current location information and select the desired item in the sub menu.
(ex. Police Stations)

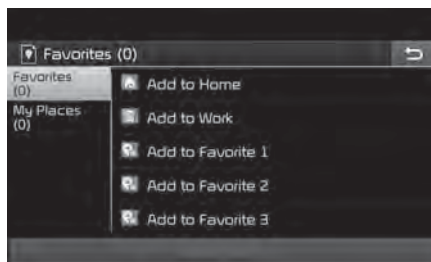


Select the desired destination among the searched items.

Address Book

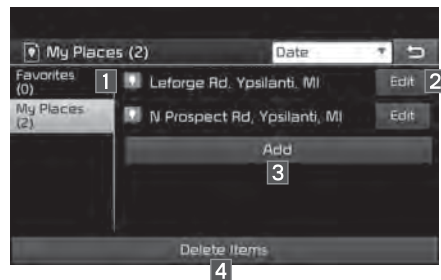
Search the destination with the address book.

Press the **MAP VOICE** head unit key. ► Select the **Navi Menu** in the bottom of right of the screen. ► Select the **Destination** tab. ► Select the **Address Book** icon.



Select the desired group.

If you save address in the Favorites tab, you can set destinations easily by pressing the icons such as **Go Home** and **Work** at the bottom of the Destination menu.



Name	Description
1	Select the desired destination from the searched items.
2	Edit the item.
3	Register a new Address.
4	Delete the desired item.

Phone Number

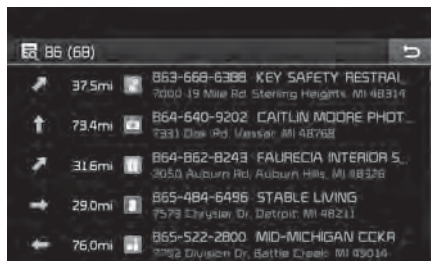
Press the **MAP VOICE** head unit key. ► Select the **Navi Menu** in the bottom of right of the screen. ► Flick the screen in up direction to scroll to the bottom row of icons in the Destination tab. ► Select the **Phone Number** to search POI by phone.



Search destination by phone number.



Type phone number to search. To search for a list of numbers based on a partial phone number entry, enter a few numbers and press **Done** to narrow the search results.



Select the desired destination among the searched items.



Press the **Set as Destination** button to start guidance.

Freeway Exit/Entrance

Press the **MAP VOICE** head unit key. ▶ Select the **Nav Menu** in the bottom of right of the screen. ▶ Select the **Freeway Exit/Entrance** to search by freeway exit/entrance.



Type freeway name and exit/entrance.



Press the **Set as Destination** button to start guidance.

Intersection

Press the **MAP VOICE** head unit key. ► Select the **Navi Menu** in the bottom of right of the screen. ► Select the **Intersection** to search by intersection.



Type 1st Street name, the State, 2nd Street name.



Press the **Set as Destination** button to start guidance.

Coordinates

Press the **MAP VOICE** head unit key. ► Select the **Navi Menu** in the bottom of right of the screen. ► Select the **Coordinates** to search by coordinates.



There are two ways to search by coordinates (D.M.S or Decimal Degrees). After typing coordinates, press the **Done** button to search.



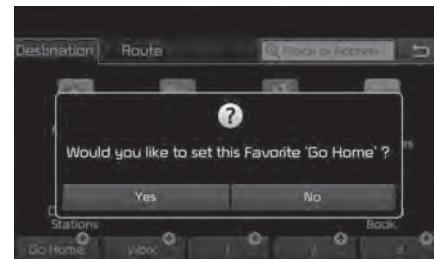
Press the **Set as Destination** button to start guidance.

Favorite Places

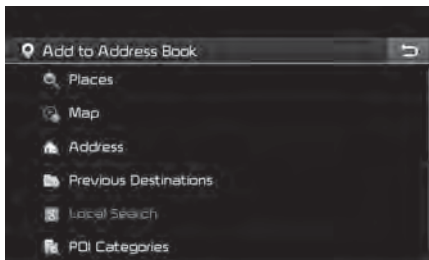
Set the route using your favorite places. Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Select the **Destination** tab. ▶ Select from favorite places.



On the button where locations are not registered, the **+** icon is displayed. When a location is registered, the **+** button disappears and the buttons 1 to 3 are displayed as your favorite places.



Press the **Go Home** button then press the **Yes** button to set the Favorite 'Go Home'.



Work, 1, 2, 3 can also be set as a Favorite using the same steps.



Pressing any of the Favorite Place buttons will start the route guidance to the saved Favorite address.

Route Setting

The route can be set after searching for a destination.



While the destination is set, the buttons **Set as Destination** and **Add Waypoint** appear.

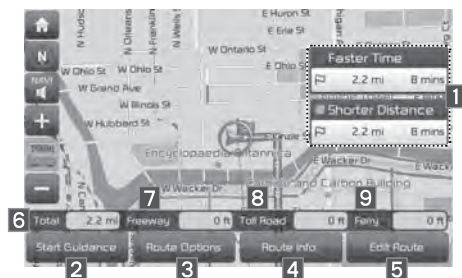
Press the desired button to change a destination or add a waypoint.

Destination Setting



After searching the destination, select the **Set as Destination** button to set the location as a destination.

All Routes



When the alternative routes option is enabled in navigation setting, two routing options are displayed based on faster time and shorter distance.

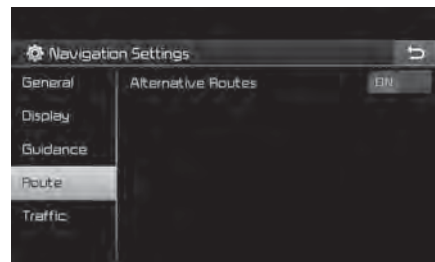
- **Faster Time:** Select time-optimized route, being the fastest roads.
- **Shorter Distance:** Select short distance, irrespective of how fast or slow progress will be calculated.

Name	Description
1 Faster Time 2.2 mi 8 mins 2 Shorter Distance 2.2 mi 8 mins	Display total distance, travel time. Select the desired route.
2 Start Guidance	Start the guidance with the route.
3 Route Options	Change the route option.
4 Route Info.	You can check route information.
5 Edit Route	Edit the route.
6 Total	Display total distance of the route.
7 Freeway	Display length of freeway on the route.
8 Toll Road	Display length of toll road on the route.
9 Ferry	Display length of Ferry route on the route.

The route will be calculated using the option “Faster Time” by default.



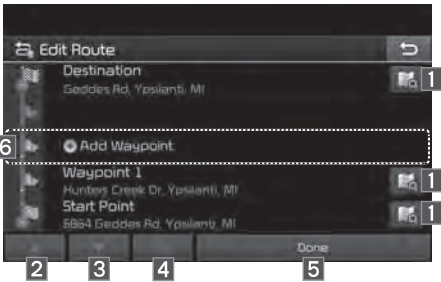
Alternative routes can be suggested if necessary, **SETUP** key ► **Navigation** Icon
► **Route** ► **Alternative: ON**.



Adding Waypoint



Press the **Add Waypoint** button to set the position as a waypoint and search the route.

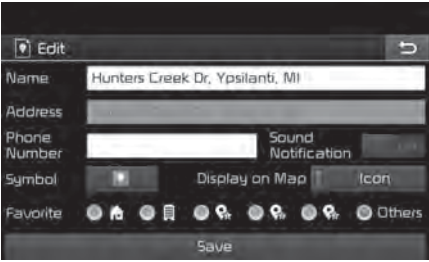


Name	Description
1	Display the selected point on the map screen.
2	Move the selected item up.
3	Move the selected item down.
4	Delete the selected item.
5 Done	Press the button to finish editing.
6 Add Waypoint	Press the button to add waypoint.

Registering Location



Press **Save** at the desired location to register the location.



Enter the detailed information of the location to save.

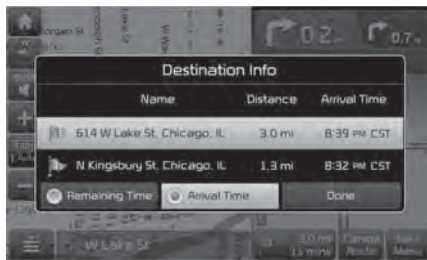
Route Guidance

Show route guidance detailed information.

Route Guidance Screen



Remaining Time: Display the time remaining until destination.



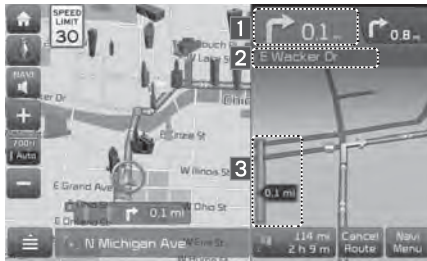
Arrival Time: Display the estimated time of arrival.



Name	Description
1	Displays the distance and direction to the first turn point.
2	Displays the distance and direction to the second turn point.

3	Displays the lane information at the current location. Display the recommended direction in white, travelable direction in white, and the non-travelable direction in grey.
4	Displays the distance to the destination and the estimated time of arrival. Press the button to check the detailed information. If no way-point is set, you will see the remaining distance or estimated time of arrival in turn each time you click the button.
5	Cancel the route.
6	Enter the navigation menu screen.
7	Displays the destination information.
8	Turn on or off the Turn List.

Split Screen during Route Guidance



Approaching the turning point, the detailed road and travel information is automatically displayed on the right side of the screen.

Name	Description
1	- Turn Point: Displays direction and shape to turn shortly. - Distance to turn: Displays distance to next turn point.
2	Road name to maneuver: Info of the road.
3	Detail Distance Bar: Displays distance to next turn point.

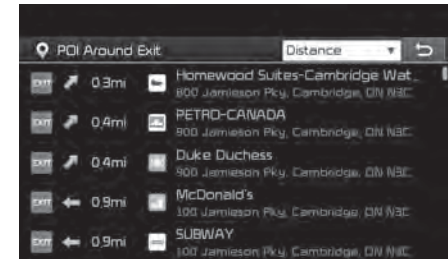


Details additional info can be displayed on Freeway.



Additional info of Freeway exit or Rest area can be displayed by pressing the **Details** button.

Detailed information for POIs around freeway exit is listed by pressing POI symbols.



Route Search

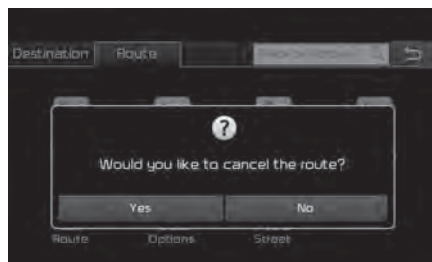
Canceling Route

Cancel the route.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Press the **Route** tab. ▶ Select **Cancel Route**.



Press the **Cancel Route** icon.



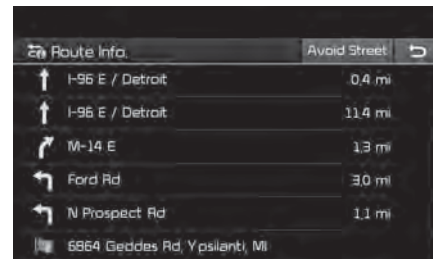
Press the **Yes** button to cancel the route.

Display Route Information

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Press the **Route** tab. ▶ Select **Route Info**.



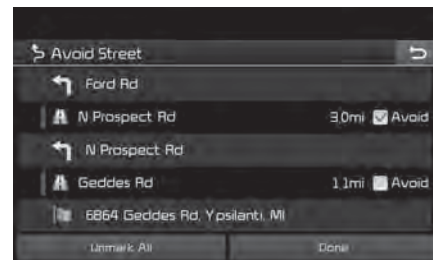
Press the **Route Info** icon.



Check the information on the map. Select the desired item to see the map information.

Avoiding a road

Click the **Avoid Street** button to avoid the street or road.



Check the desired item and press the **Done** button to finish.

Route Overview

Check the information on route including the distance, estimated time, toll fees, etc.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Press the **Route** tab. ▶ Select **Route Overview**.



Press the **Route Overview** icon.



Name	Description
1 Route Options	Change the search option.
2 Route Info.	You can check route information.
3 Edit Route	Edit the current route.

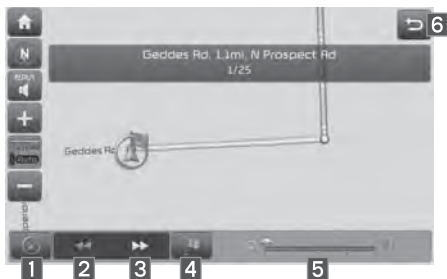
Route Preview

Check the detailed turn-by-turn list.

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Press the **Route** tab. ▶ Select **Route Preview**.



Press the **Route Preview** icon.



Name	Description
1	Move to the departure location.
2	Move to the previous maneuver.
3	Move to the next maneuver.
4	Move to the destination location.
5	Touch bar to move to the specific position.
6	Close the route preview.

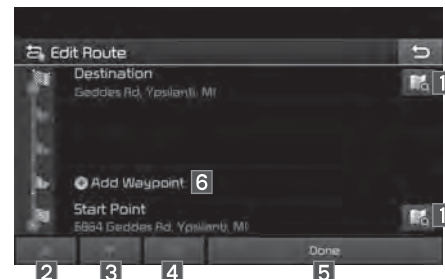
Editing Route

Edit the current route.

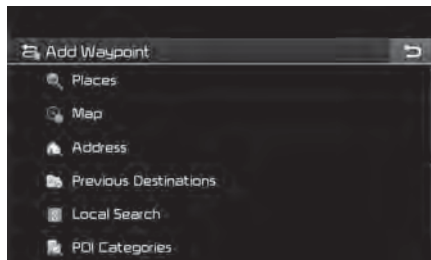
Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Press the **Route** tab. ▶ Select **Edit Route**.



Press the **Edit Route** icon.



Name	Description
1	Display the selected point on the map screen.
2	Move the selected item up.
3	Move the selected item down.
4	Delete the selected item.
5	Press the button to finish editing.
6	Press the button to add an waypoint.



Add the waypoint through various search-
ing methods.

Route Options

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Press the **Route** tab. ▶ Select **Route Options**.



Press the **Route Options** icon.



Determine the route options to guide the route.

Avoid Street

Search new route by avoiding the selected street(s).

Press the **MAP VOICE** head unit key. ▶ Select the **Navi Menu** in the bottom of right of the screen. ▶ Press the **Route** tab. ▶ Select **Avoid Street**.



Press the **Avoid Street** icon.

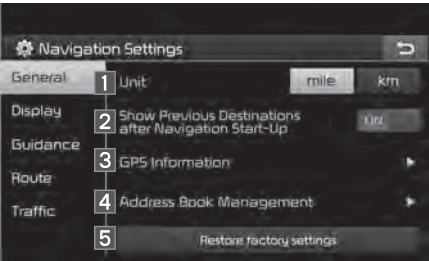


Press the **Done** to plan new route after selecting the street(s) that you want to avoid.

Navigation Settings

General

Change general settings.



Name	Description
1	Change the unit of mile , km .
2	Press the ON , OFF button to change the previous destination view setting when starting the navigation.
3	Check the GPS information.
4	Import or export your Address Book using a USB.
5	Press the Restore factory settings button to initialize.

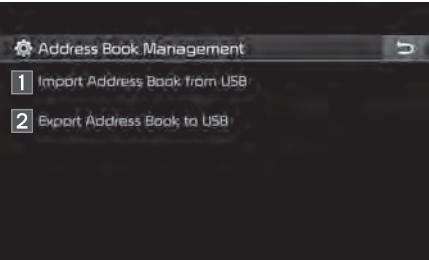
GPS Information



Press the **GPS Information** to display the detail GPS satellites information.

Name	Description
1 Receiving	Active when current position is being calculated.
2 Speed	Display current speed of the vehicle.
3 Location	Display current position of the vehicle.
4 Elevation	Display current elevation of the vehicle.
5 Time	Display time.
6 Date	Display date.

Address Book Management



In navigation screen, select **Address Book Management**. Press the desired category.

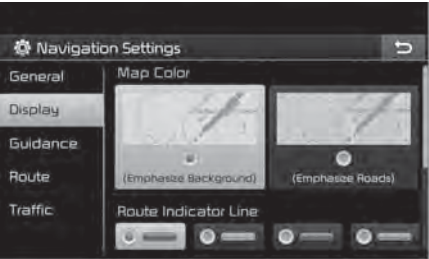
Name	Description
1 Import Address Book from USB	The latest data of Address Book which have been exported to a USB device will be imported to your navigation device.
2 Export Address Book to USB	Export the Address Book on your navigation device to a USB device.

⚠ WARNING

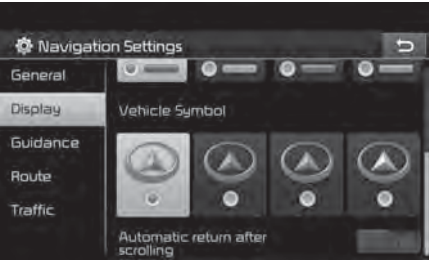
- The amount of data available for importing to a USB device is limited based on the number of address book items supported by the navigation system.
- If the data stored on the USB device uses different coordinates than those used by the current system, the importing location may change.
- Please make sure that the address book have been successfully imported before use.
- Only USB devices formatted in FAT16/32 are supported.
- Certain USB devices may not be supported due to compatibility issues.

Display

Change the display map settings.



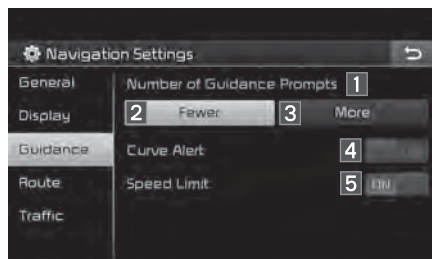
Change the map colors and the route guidance line colors.



Change the vehicle symbol.

Guidance

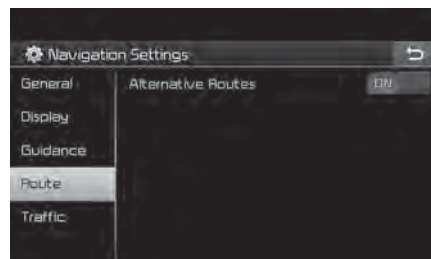
Change the guidance setting.



Name	Description
1	Set the frequency of guidance.
2	Route guidance is given less frequently.
3	Guidance will be provided frequently.
4	Change whether to turn curve alert ON and OFF .
5	Change whether to show speed limit by pressing ON and OFF .

Route

Change the route setting.



Press the **ON** or **OFF** button to change the Alternative Routes setting.

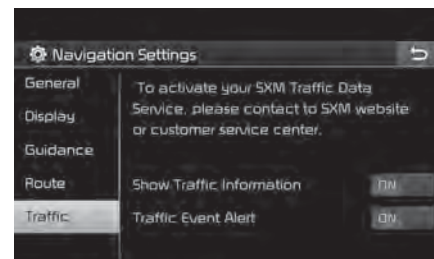
- Alternative on: Alternative routes will be suggested (depending on the route preference between “Faster Time” and “Shorter Distance”).

NOTICE

- Alternative routes can be shown only while the vehicle is not moving.
- Alternative off: No alternative routes will be suggested. Guidance will start right after calculating with the route preference (Faster time or Shorter distance).

Traffic

Change the traffic information setting.



Press the **ON** or **OFF** button to change the settings.

- Show Traffic Information On/Off: Select whether to display traffic information or not.
- Traffic Event Pop-up Freeway On/Off: Select whether to display Pop-up message for traffic information on freeway.
- Traffic Event Alert: You can turn traffic event pop-ups on/off.

Troubleshooting

The current position as shown on the navigation may differ from the actual position under the following conditions.

The following occurrences are not malfunctions :	
• When driving on Y-shaped roads with narrow angles the current position may be displayed in the opposite direction • Within city streets, the current position may be displayed on the opposite side or on an off-road position • When changing the zoom level from maximum to a different level, the current position may become displayed on a different road • If the vehicle is loaded onto a ferry or a car transport vehicle, the current position may become stalled on the last position prior to loading • When driving on a spiral-shaped road • When driving in mountain regions with sharp turns or sudden brakes • When entering a road after passing an underground parking structure, building parking structure, or roads with many rotations • When driving in heavy traffic with frequent starts and stops	• When driving under slippery conditions, such as heavy sand, snow, etc. • When driving on spiral-shaped roads • When the tires have recently been replaced (Especially upon use of spare or studless tires). • When using tires of improper size • When the tire pressure for the 4 tires are different • When the replacement tire is worn or used (Especially studless tires having passed a second season). • When driving near high-rise buildings • When a roof carrier has been installed • When a long distance route is calculated while driving on an expressway In such cases, continued driving will automatically enable the system to conduct map matching or use updated GPS information to provide the current position (In such cases, up to several minutes may be required)

Correct route guidance may not occur due to search conditions or driving position.

The following occurrences are not malfunctions :	
• Guidance to go straight may be given while driving on a straight road • Guidance may not be given even when having turned at an intersection • There are certain intersections in which guidance may not occur • A route guidance signaling for a u-turn may occur in some No u-turn intersections	• Route guidance signaling entrance into a No-entry zone may occur (No-entry zone, road under construction, etc.) • Guidance may be given to a position that is not the actual destination if roads to reach the actual destination do not exist or are too narrow • Faulty voice guidance may be given if the vehicle breaks away from the designated route. (e.g. if a turn is made at an intersection while the navigation provided guidance to go straight.)

These situations may occur after conducting route calculation.

The following occurrences are not malfunctions :	
• Guidance may be given to a position differing from the current position when turning at an intersection • When driving in high speeds, route recalculation may take a longer period of time • Route guidance signaling for a u-turn may occur in some No u-turn intersections	• Route guidance signaling entrance into No-entry zone may occur. (No-entry zone, road under construction, etc.) • Guidance may be given to a position removed from the actual destination if roads to reach the actual destination do not exist or are too narrow • Faulty voice guidance may be given if the vehicle breaks away from the designated route (e.g. If a turn is made at an intersection while the navigation provided guidance to go straight.)

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- This product requires regular updates for software corrections, new functions and map updates. Updating may require up to 1 hour depending on the data size.
- Turning off the power or ejecting the SD card during the update process may result in data loss. Make sure to keep the ignition on and wait until updating is complete.

CAUTION

- Please use only the SD card that was included with the vehicle purchase.
- The use of a separately purchased SD card may result in damage due to heat related deformation.
- Product malfunctions caused by the use of separately purchased SD cards shall not be covered within the product warranty.
- Repeatedly connecting/disconnecting the SD card in a short period of time may cause damage to the device.

part.7 Voice Recognition

What is Voice Recognition?

Recommendations Required for Successful Voice Recognition

Starting/Ending and Setting Voice Recognition

Voice Recognition Screen Overview

Voice Commands

Siri Eyes Free

07

Voice Recognition

What is Voice Recognition?

The voice recognition feature operates the multimedia system by recognizing voice commands and enables hands-free operation of the system while you are driving your car.

Not all possible voice commands are recognized by the system due to technological limitations. To make up for these limitations, the system displays the voice commands that are available for you to use.

There are errors in communication between people. Likewise, voice recognition sometimes misunderstands your voice command in some circumstances. If this happens, either check the screen for the available options and say the command again, or manually select and press the button for the corresponding command on the screen.

Recommendations Required for Successful Voice Recognition

1. Voice recognition supports only the commands that are displayed on the screen and written in the User's Guide.
2. To ensure the correct recognition and execution of your command, say your command when you hear the beep after a voice prompt.
3. Voice recognition automatically ends if:
 - 1) A call is incoming or outgoing
 - 2) A media device (USB or iPod, etc.) is connected or disconnected
 - 3) The front or rear view camera is operated (optional)
 - 4) The car engine starts or stops
 - 5) A system key, such as **RADIO** or **MEDIA** is selected
 - 6) An emergency occurs, for example re-searching for the route after the navigation route has been lost
4. The microphone used for the voice recognition system is located in the headliner directly above the driver's head. To make your commands better understood, keep your body straight in the driver's seat when speaking the command.
5. Speaking naturally and clearly will ensure better recognition of your voice commands.
6. In the following cases voice recognition will be affected by ambient noise.
 - 1) The sound of the wind if any window or the sun roof is open.
 - 2) A strong wind blowing from the air vents. Set climate control to blow softer than level 3.
 - 3) Vibrations from passing through a tunnel.
 - 4) Vibrations from driving on an uneven road.
 - 5) Storms and heavy rain.

Starting/Ending and Setting Voice Recognition

Starting Voice Recognition

Press the  key briefly (less than 0.8 seconds) on the steering wheel control to activate voice recognition.



Ending Voice Recognition

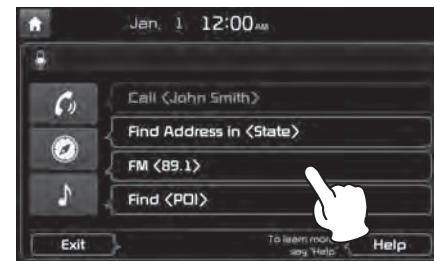
1. Select "Exit" to the left of the bottom of the screen to end voice recognition.
2. Press and hold (more than 0.8 seconds) the  key on the steering wheel control to end voice recognition.



Combining Voice Recognition with On-Screen Commands

After pressing the  key, say a command after the beep. The voice recognition system will execute the desired operation after learning the command. Alternatively, you may touch any of the corresponding commands on the screen while the Voice Recognition system is in operation.

Combining voice recognition with available on-screen commands is useful when the system is taking longer than expected or the voice command did not execute as desired.



Extending the Listening Time

When the system is waiting for your command, after the voice prompt and beep have been heard, if you press the voice recognition icon for less than 0.8 seconds, then the beep will sound again and standby mode will restart.

When activated, voice recognition waits for your command for 5 seconds. If you say nothing for 5 seconds, a voice prompt will ask for your command again.



Skiping Prompt Messages

When you hear the prompt, “Please say a command”, from the system, press the voice recognition icon on the steering wheel control to skip the message and go directly to listening mode to say your command.

This results in faster operation when you feel the message is too long or you already know the command to use.

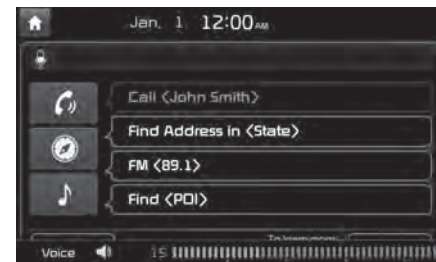
Information

- Refer to Part 10 for instructions on how to change the Voice Recognition Settings.
-



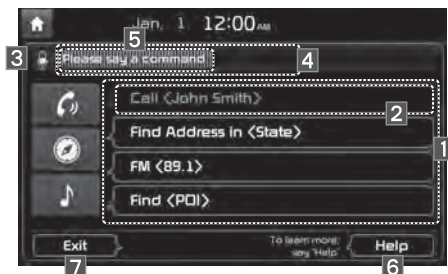
Adjusting Voice Recognition Volume

During voice recognition, rotate the volume knob to adjust the message volume.



Voice Recognition Screen Overview

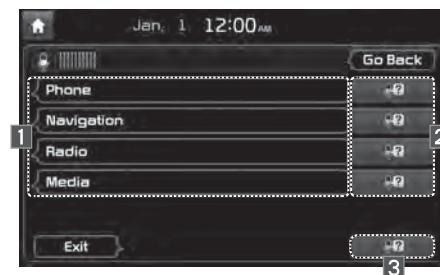
Start Screen



Name	Description
1 Representative Commands	Displays the representative commands.
2 Not available command	Displays commands that are not available due to a failure in meeting the conditions for using them and thus need additional settings. The conditions required for using them will be described briefly under each command.

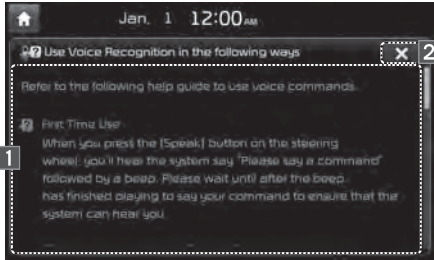
Name	Description
3 Voice recognition status icons	Standby Voice guidance Voice command process
4 User's speaking volume being recognized	Displays the voice command volume in real time.
5 Recognized results	Displays the voice recognition result.
6 Help	Displays all available help commands in a tree format.
7 Exit	Ends the voice recognition.

Help Display



Name	Description
1 Command list	- Shows the available commands. - Select or say a command to display additional commands in detail.
2 How to use for selected item	This section shows how to use voice recognition for the selected item.
3 How to use in general	This section displays how to use voice recognition in general.

Instructions for Using Voice Recognition



Name	Description
1 Detail instruction	This section describes how to use voice recognition in detail.
2 Close button	Closes the screen and restarts voice recognition.

i Information

- In the instructions screen, no voice is recognized, so you must manually issue commands. Because the instructions screen displays a lot of content, you can not view it while driving for safety precautions.

Voice Commands

Types of Commands

Voice recognition commands are classified as “Global Commands” and “Local Commands”.

1. Global Commands (●): Commands that can be used immediately after activating voice recognition.
2. Local Commands (○): Commands that can be used when a multimedia, navigation, or Bluetooth call is running, or displayed on the screen, after activating voice recognition.

Call Commands

* Check the following before using call commands :

1. Voice commands related to phone calls can be used after connecting the Bluetooth device.
2. To call a person, for example “Call <John Smith>” whose name is listed in Contacts, you must first download the Contacts list. For details on downloading contacts, see “Part 4. Bluetooth® > Chapter 3. Bluetooth® Phone > 4.10 Contacts”.
3. After downloading the Bluetooth contacts, it will take some time to convert the Contacts into voice data during which time you cannot make a call by name yet. The time takes to convert voice data may vary depending on the number of Contacts downloaded.

Command		Operation
●	Call	Displays downloaded Contacts, after this you can make a call by saying the name.
●	Call <Name>	You can directly call a person by <Name> in the downloaded Contacts.
●	Call <Name> on Mobile	You can call a person directly <Name> to the number that is saved as "Mobile" in the downloaded Contacts. e.g.) Call “John Smith” on Mobile
●	Call <Name> at Work	You can call a person directly <Name> to the number that is saved as “Work” in the downloaded Contacts. e.g.) Call “John Smith” at Work
●	Call <Name> at Home	You can call a person directly <Name> to the number that is saved as “Home” in the downloaded Contacts. e.g.) Call “John Smith” at Home
●	Call <Name> on Other	You can call a person directly <Name> to the number that is saved as other than “Mobile, Home, or Work” in the downloaded Contacts. e.g.) Call “John Smith” on Other
●	Dial Number	Displays a screen where you can say a phone number to dial.
●	Dial <Phone #>	You can directly say the number to call. e.g.) Dial 111 555 1234
●	Redial	Directly calls at the number that you last dialed.
●	Call History	Displays your Call History, where you can say the list number to make a call.
●	Change Bluetooth Device	You can switch your Bluetooth connection to another paired device.

Navigation Commands

* Check the following before you use navigation commands:

1. Search for and find addresses located in the state or province your car is currently in.

If you want to search in another state, say the name of state/province and then look it up.

Find Address is classified by states/provinces to provide you with faster service.

2. Some commands such as "Cancel Route" are available only when the destination is fixed.

Command		Operation
●	Find Address in <State>	• Finds the address in <State> and sets it as the destination. e.g.) Find Address in California • To find an address, you should say "House Number → Street → City" e.g.) 300 (Three Zero Zero) Main Street, Almond
●	Find Address	Finds the address and sets it as the destination.
●	Find POI	Find the points of interest. After this command, you can find the name of a location step-by-step.
●	Find <POI>	Immediately finds <POI>. For detail of <POI>, see "Find <POI>" list. e.g.) Find "Banks"

Command		Operation
●	Map	Moves to the current position on the navigation map
●	Previous Points	Displays a list combining Previous Destinations, Previous Searches, and Previous Starting Points all together. You can then set a destination by saying the list number.
●	Previous Destinations	Displays a list of recent destinations that you can return to by saying the number in the list.
●	Previous Searches	Displays a list of recent searches, where you can set a destination by saying the number in the list.
●	Previous Starting Points	Displays a list of recent starting points that you can return to by saying the number in the list.
●	Traffic Information	Moves to the Traffic Information menu screen.
●	Go Home	Set the destination to your home. Your home must first be set in the Navigation system.
●	Go to Work	Set the destination to your work/office. Your work/office must first be set in the Navigation system.

Command		Operation
●	Turn Guidance On	Turns on the voice guidance system.
●	Turn Guidance Off	Turns off the voice guidance system.
●	Zoom In	Zooms in on the navigation map.
●	Zoom Out	Zooms out from the navigation map.
●	Cancel Route	Cancels the route to the fixed destination and exits guidance.
●	Destination Information	Tells you the remaining distance and time to your destination.
●	Route Options	Restarts the route to your destination. You can then select either “Faster Time” or “Shorter Distance”.
●	Find Faster Time Route	Starts a new route to your destination that will take the least amount of time.
●	Find Shorter Distance Route	Starts a new route to your destination that will use the shortest distance.
●	Emergency Services	Displays a list of nearest Police Station, Hospital, Dealership, or Road Assistance. You can then set a destination by saying the list number.
●	Police Station	Displays a list of the nearest police stations. You can then set a destination by saying the list number.

Command		Operation
●	Hospital	Displays a list of the nearest hospitals. You can then set a destination by saying the list number.
●	Dealership	Displays a list of the nearest car dealerships. You can then set a destination by saying the list number.
●	Road Assistance	Displays a list of the nearest road assistance locations. You can then set a destination by saying the list number.
●	Show Route	Displays a map overview of the entire route to your destination.

Radio Commands

Command		Operation
●	Radio	Plays the most recent radio channels from FM, AM, and SiriusXM™.
●	FM	Plays FM radio.
●	FM <87.5~107.9>	Tunes to FM <Frequency> according to what you say. e.g.) FM 87.5: FM eighty seven point five
●	SiriusXM	Plays SiriusXM™ radio.
●	SiriusXM Channel <0~999>	Tunes to SiriusXM™ Channel <Channel Number> according to what you say. e.g.) SiriusXM Channel 23: SiriusXM Channel twenty three
●	AM	Plays AM radio.
●	AM <530~1710>	Tunes to AM <Frequency> according to what you say. e.g.) AM 530: AM five thirty
○	Preset <1~18>	Tunes to your preset stations (1 to 18).
○	Channel <0~999>	In SiriusXM™ Radio mode, turns on the <Channel Number> that you say.

Media Commands

* Check the followings before you use media commands.

1. If no media is connected or if no playable files exist at the time when you use these commands, a voice message will tell you that this is not available.
2. If you say the name of the media that is currently playing again, then that media will continue playing.
e.g.) Saying “USB” while USB content is playing.

Command		Operation
●	Music	Continues the last media you played.
●	iPod	Plays the iPod currently connected. This will work the same when an iPhone is connected. If a USB is connected, then it will be played instead of the iPod.
●	USB	Plays the music on the USB currently connected. If an iPod is connected, then the iPod will be played instead of the USB.
●	Bluetooth Audio	Plays the music on the Bluetooth phone currently connected. This may not be supported depending on the Bluetooth connection status.
●	AUX	Plays external devices that are currently connected.
●	My Music	Plays My Music files stored in the system.
●	Pandora Radio	Plays Pandora Radio that is currently connected. Pandora Radio operates according to the iPod® that is currently connected.

1. USB Music/iPod/My Music Command

Command		Operation
○	Play	Plays a selected file. Maintains the current settings during playback.
○	Pause	Pauses a file that is playing. Maintains current settings while paused during playback.
○	Shuffle	Plays files randomly. Maintains current settings during shuffled playback.
○	Shuffle Off	Cancels Shuffle and plays files sequentially. Maintains current settings during sequential playback.
○	Repeat	Plays the current file repeatedly. Maintains the current settings during repeat playback.
○	Repeat Off	Cancels Repeat and plays multiple files. Maintains current settings during multiple file playback.

2. Pandora Radio Command

Command		Operation
○	Skip	Moves to the next track.
○	Thumbs up	If you like the genre of the music currently playing, say “Thumbs up” so that more similar music will play.
○	Thumbs down	If you don’t like the music currently playing, say “Thumbs down” to minimize the number of playbacks of similar genre music.

3. Bluetooth Audio/AUX Command

For Bluetooth audio and external devices (AUX), local commands are unavailable, including Play, Pause, Repeat and Shuffle.

Other Commands List

(Commands used in List/Help)

Command		Operation
●	Help	Moves to the voice recognition help screen. All available commands can then be identified and used.
○	Line 1~5 (One~Five)	When you cannot select a certain name, such as in Call History, you can select it using numbers. Simple numbers can be recognized, such as "One" or "Two".
○	Yes/No	When voice recognition is activated, this command is used when an answer is requested for a confirmation question.
○	Previous Page/ Next Page	When five or more searched items are listed, you can move to the previous or next page using a voice command.
○	Manual Input	When Dial or POI Name search results are displayed, this command is used to search manually, rather than to search with a voice command. Voice recognition stops after this command is used.
○	Go Back	Moves to the previous screen.
●	Exit	Ends the voice recognition.

“Find <POI>” List

Navigation location names can be changed after an update.

1. Restaurants

Restaurants	McDonald's	Frisch's Big Boy	Domino's
Fast Food Restaurants	Panda Express	Good Eats	Olive Garden
Arby's	Panera Bread	Ill Forks	Papa John's
Boston Market	Popeyes	Lee Roy Selmon's	Papa Murphy's
BURGER KING	Quiznos Sub	Lone Star Steakhouse & Saloon	Pizza 73
Carl's Jr	Schlotzsky's	Longhorn Steakhouse	Pizza Hut
Chick-fil-A	SONIC	Luckys Cafe	pizza pizza
Chipotle	SUBWAY	Outback Steakhouse	Continental Restaurants
Church's Chicken	Taco Bell	Ponderosa	Mexican Restaurants
Dairy Queen	Taco John's	Publix	Cantina Laredo
Firehouse Subs	Waffle House	Seasons 52	Chevys
Fleming's	Wendy's	Sheetz	El Chico
Hardee's	White Castle	Silver Fox	Japanese Restaurants
In-N-Out Burger	American Restaurants	Texas Roadhouse	Chinese Restaurants
IHOP	Applebee's	TGI Friday's	PF Chang's China Bistro
Jack in the Box	Bahama Breeze	The Capital Grille	Korean Restaurants
Jimmy John's	Boston's Restaurant & Sports Bar	French Restaurants	Vegetarian Restaurants
KFC	Cheeseburger in Paradise	Italian Restaurants	Seafood Restaurants
Little Caesars	Chili's Grill & Bar	Bonefish Grill	Red Lobster
Long John Silver's	Cool River	Carrabba's Italian Grill	Latin American Restaurants
McAlister's Deli	Denny's	Chuck E Cheese's	

2. Automotive

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
Kia 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
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
GOODYEAR
Kal Tire
Midas
Napa
O'Reilly Auto Parts
Sears Auto Center
Road Assistance
Automobile Dealerships
Auto Parts
Car Washes
Motorcycle Dealerships

3. Travel

Travel			
Airports	Embassy Suites	Microtel Inns & Suites	Thriftlodge Canada
Hotels	Grand Residences by Marriott	Motel 6	Travelodge
Americas Best Value Inn	Hampton Inn	NOVOTEL	Travelodge Canada
AmericInn	Hampton Inn & Suites	Omni Hotels	VAN DER VALK
Andaz	Hawthorn Suites	Park Inn	WALDORF ASTORIA COLLECTION
Ascend Collection	Hilton	Park Plaza	Wingate by Wyndham
Baymont Inn & Suites	Hilton Garden Inn	QUALITY INN	Wyndham
Best Western	Hilton Grand Vacations	Radisson	Rest Areas
Cambria Suites	Holiday Inn	Radisson SAS	Tourist Information
Canadas Best Value Inn	Holiday Inn Express	RAMADA	Tourist Attractions
Candlewood Suites	Homewood Suites	Red Roof Inn	Travel Agents
Clarion Hotel	Hotel Indigo	Regent Hotels & Resorts	City Centers
Comfort INN	Howard Johnson	Renaissance	Rental Car Agencies
Comfort Suites	Hyatt Place	Residence Inn	Alamo
CONRAD	Hyatt	Ritz-Carlton Club	AVIS
Country Inn & Suites by Carlson	Hyatt Summerfield Suites	Rodeway Inn	Budget
COURTYARD by Marriott	Intercontinental	Sheraton	Dollar Rent A Car
Crowne Plaza	JW Marriott	Sleep Inn	Enterprise
Days Inn	LA QUINTA INN	SOFITEL	Hertz
DELTA	Lexington	Staybridge Suites	National
Doubletree	Mainstay Suites	Studio 6	Thrifty
Econo Lodge	Marriott	Suburban Extended Stay	Campgrounds
	Marriott VACATION CLUB	Super 8	

4. Shopping

Travel
Ferry Terminals
Bus Stations
Local Transit
Train Stations

Shopping
Department Stores
Canadian Tire
Dollar General
Dollar Tree
Family Dollar
JCPenney
Kmart
Kohl's
Nordstrom
Sears
Sears Hometown Store
Target
T.J. Maxx
Walmart
Convenience Stores
7-Eleven
ampm
BP
Circle K
Fleetfuels
GetGo
GTO

Kangaroo Express
Murphy Express
Murphy USA
Petro Stopping Centers
QuikTrip
Rutter's
Sunoco Canada
TravelCenters of America
Wawa
Shopping Centers
Office Depot
Grocery Stores
Giant Eagle
Giant Food Stores
IGA
Ingles Markets
Food Lion
Kroger
Martin's Food Markets
Meijer
Publix
Sav-Mor Foods
Save-A-Lot

SuperValu
Music Stores
Bookstores
Barnes & Noble
Electronics Stores
AT&T
Best Buy
Future Shop
GameStop
Radioshack
Sprint
Staples
T-Mobile
OfficeMax
US Cellular
Verizon
Gift Shops
Sporting Goods Stores
Dick's Sporting Goods
Sports Authority
Home Specialty Stores
ABC Fine Wine & Spirits
Ace Hardware

Shopping
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
CVS/pharmacy
Giant Drugstore
Ingles Pharmacy
Kmart Pharmacy
Kroger Pharmacy
Martin's Drugstore
Meijer Pharmacy

Rite Aid
Shoppers Drug Mart
Target Pharmacy
Walgreens
General Merchandise

5. Recreation

Recreation
Amusement Parks
Museums
Cinemas
Golf Courses
Sports Complexes
Sports Activities
Wineries
Video & Game Rental
Ski Resorts
Recreation Areas
Other Recreation Areas

6. Financial Services

Financial Services
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

7. Community

Community
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

8. Services

Services
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 Service
Veterinary Hospital

Siri Eyes Free

How to start Siri

If you want to use Siri, you have to connect your iOS device to multimedia system through Bluetooth.

(Please check whether your iOS device supports Siri and turning Siri On)

Then you can use Siri while pressing and holding  key on the steering wheel control.

How to use Siri

When you access the Siri screen while pressing and holding  key on the steering wheel control, you can press  button and then you can speak what you want. Note that the Multimedia system only supports “Phone” related functions. Other functions will be performed in your iOS device. If you press voice key quickly, Siri would re-start. If you hold down voice key, Siri would be terminated and the screen would go back to the previous screen. Eyes-Free mode would be activated automatically while you are driving. When shifting gears into P or putting the Parking brake on, Eyes-Free mode would be deactivated automatically.



Information

- Functions and feedbacks from voice commands via Siri are executed in the iOS device. If the iOS version is changed, the functions and response may be different according to the iOS device and the latest version.
-

MEMO

08

part.8 Info

Pandora Radio
SoundHound
Download Center
SiriusXM™ Data

Pandora Radio

To listen to Pandora Radio by connecting a smartphone, app should be installed on your phone.
From the Home screen, select All Menus then select Pandora button.

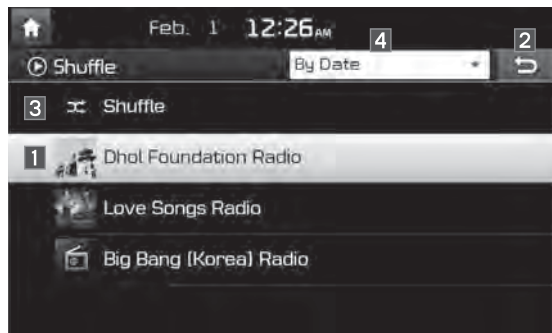
Pandora Radio Mode Screen Controls



Name	Description
1 Mode	Displays the current operating mode.
2 Artist Info	Shows the artist information current playing.
3 Track Info	Shows the title information current playing.
4 Play Time	Displays the current play time.
5 Thumb Down	If you don't like the music currently playing, press this button to move to the next song and to minimize the number of playbacks of similar genremusic. i You can move to next song up to specific times which pandora allows.
6 Thumb up	If you like the genre of the music currently playing, press this button to send a "Thumbs Up" signal to Pandora so that more similar music will play
7 Play/Pause	Plays/pauses the current song
8 Skip	Moves to the next track i You can move to next song up to specific times which pandora allows.
9 Station	Moves to the station list screen.
10 Menu	• Bookmark Track Adds the music current playing to the book- marks list. • Bookmark Artist Adds the artist of the music current playing to the bookmarks list. i You can view your bookmarked artists and songs from your Pandora profile online. Go to pandora.com, then click on the "Your Profile" button above the player. That will bring up a page with your stations, bookmarked artists, and bookmarked songs.



Name	Description
11 SEEK/TRACK	Press briefly to play the next song.
12 TUNE	Rotate the ● TUNE knob to search for a station. Press the ● TUNE knob to play the station when you find the name that you want.



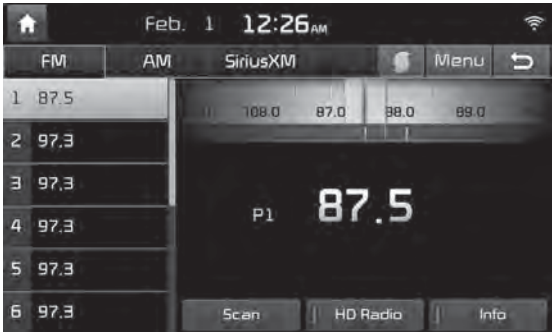
Name	Description
1 Current Station	Shows the name of the station currently displayed.
2 Previous	Switches to the play mode screen.
3 Shuffle	Shuffling your stations provides a more diverse mix of music by randomly playing songs from the stations in your list.
4 Search Menu	Sorts stations by the items in the menu. • A-Z: Sorts stations in alphabetical order. • By Date: Sorts stations in the order they were generated.
5 SEEK/TRACK	Press briefly to play the next song.
6 TUNE	Rotate the  TUNE knob to move to the previous/next list. Press the  TUNE knob to play a selected file.

SoundHound

SoundHound is a music search engine. It enables users to identify music by playing or singing a song. It is also possible to search by typing the name of the artist, song, album or lyrics. The head unit should be connected to the Internet in order to use SoundHound (ex. Wi-Fi).

Accessing SoundHound

- 1. From the Home screen, select All Menus, My Menu then select SoundHound  button.
- 2. Select SoundHound  button on Radio modes (AM, FM and SiriusXM) or Media modes (Bluetooth Audio, iPod, USB, My Music and AUX).



SoundHound Main Screen



Name	Description
1 Mode	Displays the current operating mode.
2 Back button	Goes back to previous mode.
3 What's that Song?	Starts the song recognition process. After this process is complete, it goes to Song screen.
4 Search	Goes to Search screen.
5 History	Goes to History screen.
6 Favorites	Goes to Favorites screen.
7 Charts	Goes to Charts screen.

Recognizing Music

After selecting SoundHound  button, the song recognition process is activated, the system will match the current playing song with the SoundHound music database.

Music from Smartphones and MP3 players that are not connected to the head unit can also be recognized.



Name	Description
1 Now Listening...	Message displayed while SoundHound is processing the music.
2 Retry	Starts over the song recognition process.
3 Cancel	Cancels song recognition process and Exits SoundHound.
4 Back button	Goes back to previous screen.

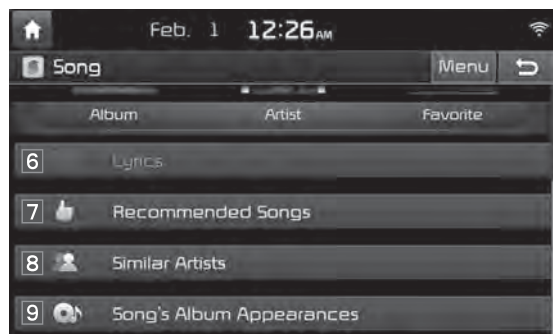
Searching Music

Music can also be searched by selecting the Search option in SoundHound main screen and typing a song, artist, album or lyrics into the search field.



Name	Description
1 Search	Displays the current operating mode.
2 Back button	Goes back to SoundHound main screen.
3 Menu	Displays menu options: Home: Goes back to SoundHound main screen. History: Goes to History screen. Favorites: Goes to Favorites screen. Exit: Exits SoundHound application and goes back to previous media mode. i Delete option is available in Favorites and History screens.
4 Search field	Displays search field. Once text is typed, recommended song, artist, album or lyrics information that might match the search criteria is displayed in the scroll menu.
5 Search icon	Starts the searching process.

Song Main Screen



Name	Description
1 Back button	Goes back to previous screen.
2 Song, Artist and Album information	Displays song, artist and album information of currently playing song.
3 Album Image	If album image is selected, album artwork screen is displayed.
4 Artist Image	If artist image is selected, artist image screen is displayed.
5 Favorite	It saves current playing song into Favorites by tapping on the star icon. Star icon will be highlighted when song has been saved into Favorites. To delete song from Favorites, select the star icon again or go to Favorites menu screen.
6 Lyrics	Displays the current playing song's lyrics.
7 Recommended Songs	Displays a list of recommended songs by SoundHound.
8 Similar Artists	Displays list of similar artists to currently playing artist.
9 Song's Album Appearances	Displays list of albums on which currently playing song appears.

Download Center

With Download Center, you can install paid/free applications or check for related information. Only UVO center verified applications can be installed.

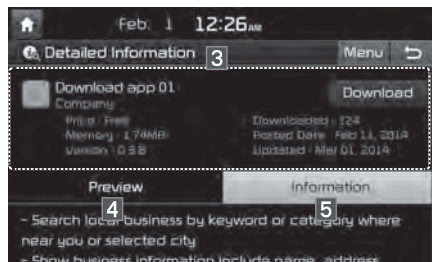
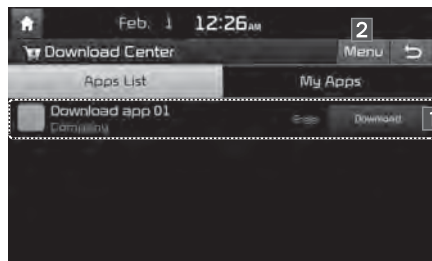
You can use Download Center after agreeing to the User Agreement and Privacy Policy. (Only 1 time for initial launch)

NOTICE

- To use Download Center, your vehicle must be connected to Wi-Fi.
- Details on how to connect to a Wi-Fi network can be checked within the "Wi-Fi Settings" in Part 10.
- Apps available for download may vary depending on the environment.

Apps List

Select **All Menus** or **My Menu** from Home screen ► **UVO Apps** ► followed by **Download Center** and then ► **Apps List**.

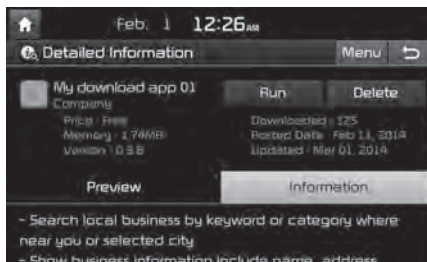
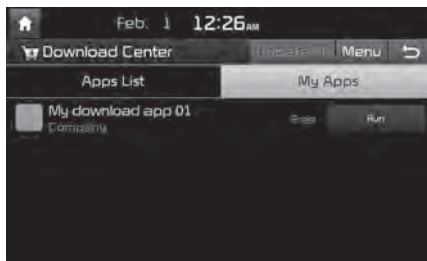


Name	Description
1 Application Download and Run buttons	Button state changes according to the application state.
Download	Downloads free applications.
Purchase	Downloads paid applications.
Re-download	Downloads deleted applications after previously installing them.
Retry	Downloads the applications that failed to download due to network or system errors.
Run	Runs installed applications.
Cancel	Cancels any downloads and updates.

Name	Description
2 Menu	Updates and refreshes the menu.
Update	After installation, it shows applications requiring updates. The update screen shows the Update All button to update all applications that need updates.
Refresh	Refreshes the app list status.
3 Detailed Information	When the application list area is pressed, it moves to the Detailed Information screen.
4 Preview	Displays application images.
5 Information	Displays application information.

My Apps

Select **All Menus** or **My Menu** from Home screen ► **UVO Apps** ► followed by **Download Center** and then ► **My Apps**.



The **My Apps** menu displays the **Re-download**, **Update**, **Run** options for downloaded applications. All functions of **My Apps** are the same as those in the app list.

i Information

- You can update applications already running only after closing them.
- Details on UVO Apps can be checked within the Download Center.
- Apps available for download may vary depending on the environment.

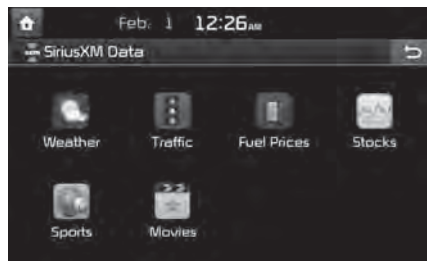
SiriusXM™ Data

The SiriusXM™ Data Service is a paid membership Satellite radio service which provides users with Weather, Traffic, Fuel Prices, Stocks, Sports, and Movies information.

However, weather information is not supported for vehicles purchased in Canada.

Accessing SiriusXM™ Data

Press the “SiriusXM Data” icon after selecting **All Menus** the SiriusXM™ Data mode.

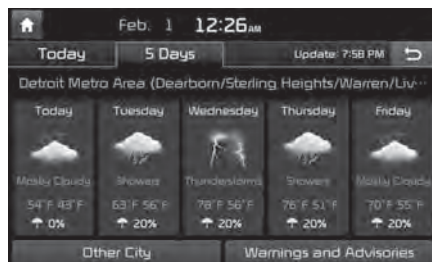


SiriusXM™ Weather Announcement

At the “SiriusXM Data” screen, select the **Weather** icon to enter the Weather Announcement mode.

Weather Forecast

This service provides current weather information and weather forecasts for the next five days in your region. To change the region, select the **Other City** button and select the desired region.



Warnings and Advisories

This service provides weather warnings and advisories, such as tornado, storm, flood, etc. as symbols on the Navigation map.

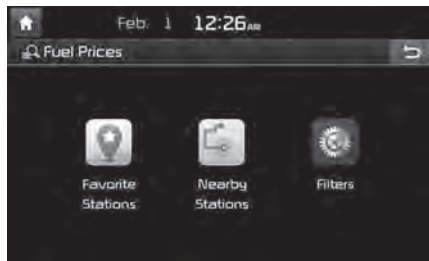


SiriusXM™ Traffic Information

At the “SiriusXM Data” screen, select the **Traffic** icon to enter the Traffic Announcement mode.

SiriusXM™ Fuel Price Information

At the “SiriusXM Data” screen, select the **Fuel Prices** icon to enter the Fuel Prices Information mode.



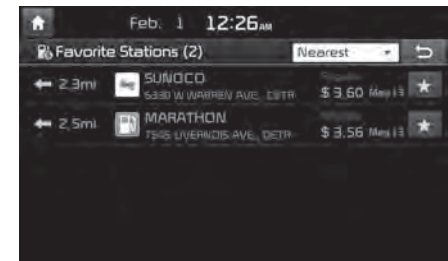
Search for Nearby Stations, and Register Key Locations as Favorite Stations

Search for nearby stations with the “Nearby Stations” menu.

It shows station locations, starting from the nearest one, and select “Nearest” menu on the top right side to further sort them by price or brand name.



Select the  button to the right of the list to register key locations as a Favorite Station so that you can go there again with the “Favorite Stations” menu. Select the list to move to navigation destination select screen to receive guidance.



My Fuel Type Settings

With the “Filters” menu, you can select fuel types and favorite brands.

When searching for Nearby Stations, the results will reflect selected fuel types and brand information.



SiriusXM™ Stock Information

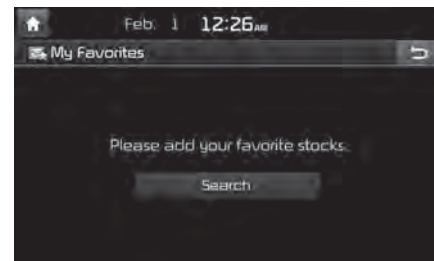
In the “SiriusXM Data” screen, select the **Stocks** icon to enter the Stocks mode.

Stocks is a feature that shows the current value and change of stocks.

For symbols which you are interested in, press the icon to save the symbol as a part of the “Saved” symbols which can be viewed from the “My Favorites” button on the Stocks Main screen.

My Favorites

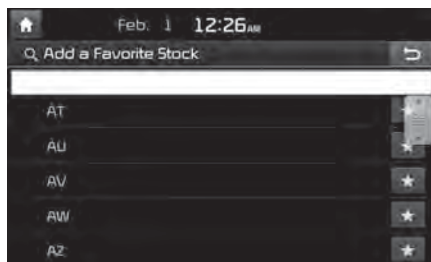
My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Select the **Add** button to move to the stock search screen.



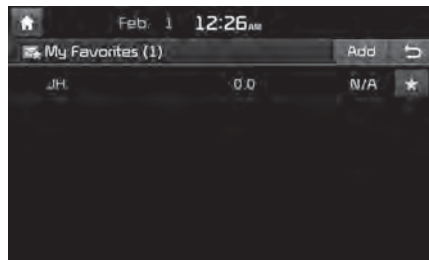
Stock Search

Use the Stock Search menu to search for specific stocks.

Select the ★ button after searching for your favorite stocks to save them in “My Favorites”.



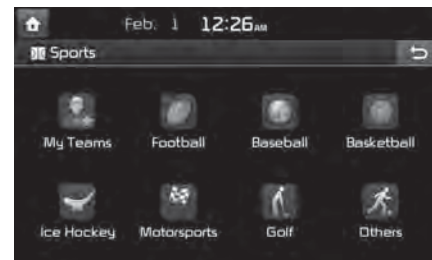
In the My Favorites screen, you can find the selected stock information that you registered.



SiriusXM™ Sports Information

Select the Sports icon to enter the Sports mode.

This service provides real-time updated information on scores and schedules for major sports, such as NFL, NBA, NCAA football, NCAA basketball, NHL, MLB, NASCAR and more.

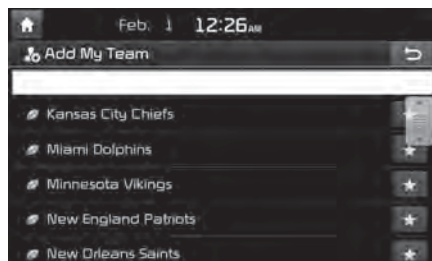
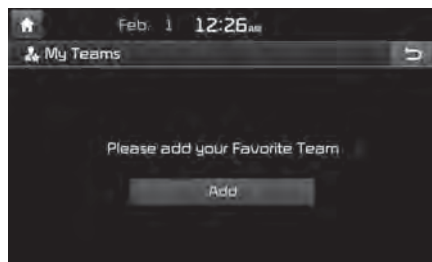


My Teams

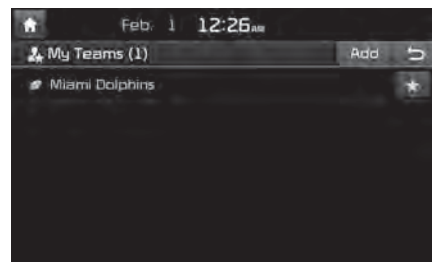
You can save teams which you are interested in as part of My teams to easily view related scores and schedules.

Select the My Teams menu and then select the **Add** button to search for and register your favorite teams.

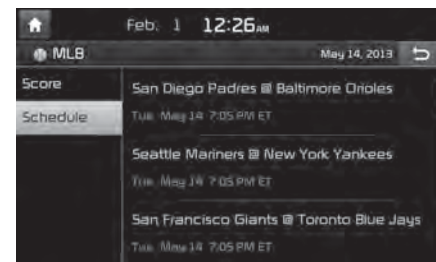
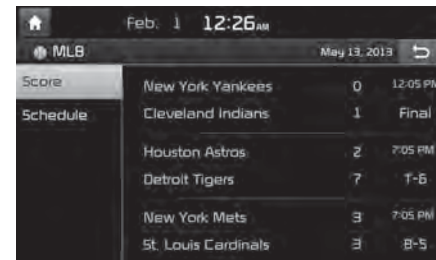
Search for your favorite teams and select the **★** button on the right to add it to the “My Teams” list.



You can always check the list of teams that you added in the “My Teams” menu. Select the **★** button on the right side of the team name to delete the team from “My Teams” or select the **Add** button to add other teams.



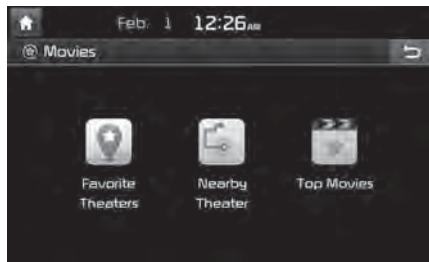
Select the team name to check daily results and recent schedules for that team.



SiriusXM™ Movie Information

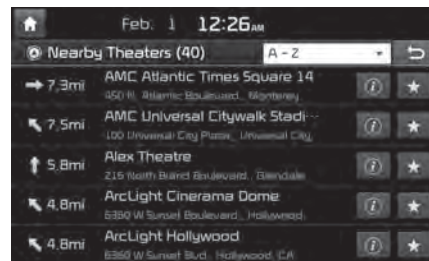
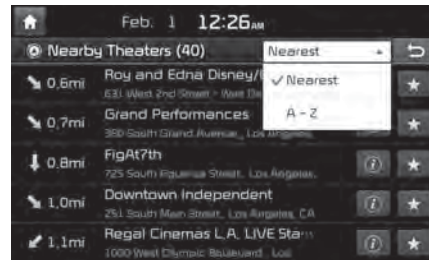
Select the **Movies** icon to enter the Movie mode.

You can check recent movies and nearby theaters, and also register your favorite theater locations.

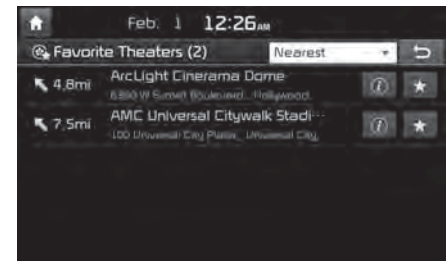
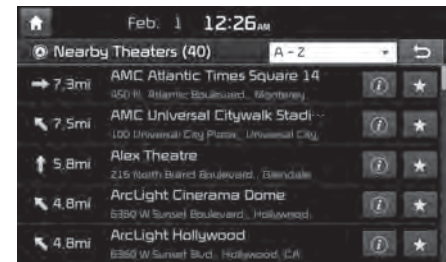


Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters

In the “Nearby Theaters” menu, you can search for any nearby theaters. It shows theaters, starting from the nearest one, and selecting the “Nearest” menu at the top right side will sort them by name.



Select the **★** button to the right of the list to register your favorite theater so that you can always check it again using the “Favorite Theaters” menu and selecting the **i** button to view the current movie information for that theater.



Select from the list to move to the select navigation destination screen and receive the directions.

In the “Top Movies” menu, you can check for any movies that are currently popular. Select  button to the right of a movie title to view the plot summary and any other detailed information.



MEMO

part.9 Other Features

Climate Mode
Camera

09

Other Features

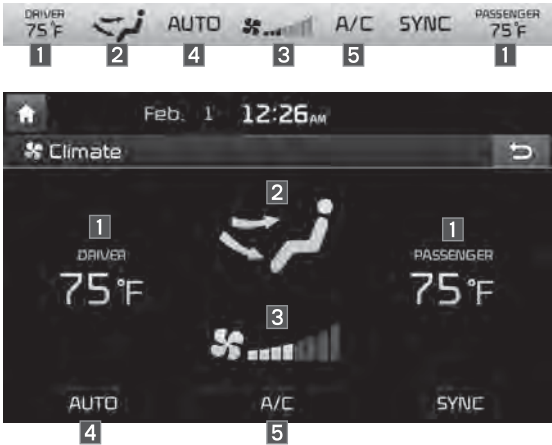
Climate Mode

Operating Climate Mode

Press the **CLIMATE** key for the climate system to see status information in the full screen display.

While multimedia or navigation is in use, the climate system information will be displayed over top when you control the temperature (TEMP) or turn on the air conditioner (A/C).

Basic Mode Screen



Name	Description
1 Set the temperature of the driver's seat and passenger seats	Displays the configured temperature settings for the driver's seat and the passenger seats. Cooling or heating will continue until the temperature matches the configured temperature settings. i The internal temperaure can be controlled in incrmnts of 1°F within a range of 63°F to 89°F. i LOW is displayed when the temperature is set to anything below 63°F, and HIGH is displayed when it is set to anything above 89°F.
2 Air direction	Displays the configured air direction settings.
3 Air volume	Displays the configured air volume settings.
4 Cooling/heating control status (AUTO)	Displayed when the AUTO key is pressed and cooling/heating operates automatically according to the configured temperature settings. i AUTO will be turned off when you try to do the following with AUTO on: - Control the air volume - Control the air direction - Turn the air conditioning (A/C) on/off - Turn on the moisture removal function for the windshield
5 Air conditioning control status	Displayed when the A/C key is pressed and the air conditioning starts cooling/heating.



6



6

Name	Description
6 Simultaneous temperature settings for the driver's seat and the passenger seats (SYNC)	Displayed when the SYNC key is pressed and the temperatures of the driver's seat and the passenger seats can be configured at the same time.

Camera

⚠ WARNING

- Backing Up & Using Camera

- Never rely solely on the rear view camera when backing up. Prior to entering your vehicle always do a visual check of the area behind your vehicle, and before backing up be aware of your surroundings and supplement the rear view camera by looking over your shoulders and checking your rear view mirrors. Due to the difficulty of ensuring that the area behind you remains clear, always back up slowly and stop immediately if you even suspect that a person, and especially a child, might be behind you.

i Information

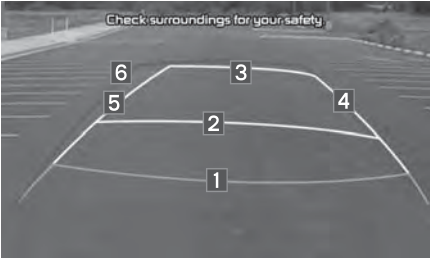
- The camera screen shown while the system boots up does not display any text or buttons.
- While the device boots up, shift the gear to "R" to activate the rear detection cameras. Shift the gear to another position to deactivate the rear detection camera.

Steering-linked camera

- This device is connected to a rear detection camera to see behind the car for safe reversing.
- The Rear View Camera turns on automatically if you shift the gear to R when the power is on or the engine has started.

🔧 NOTICE

- A wide-angle lens is installed as the rear detection camera to get a wider view, so there may be some difference between the actual distance and the distance that appears on-screen. For safety, make sure to view the back, right, and left sides of the car for yourself.
- The color of the parking guidelines displayed in the picture may differ from the actual screen.
- When booted up, blinking may occur when you switch to a UI screen.
- If **Back-up Warning Priority** is set in the Sound Settings, the audio volume is lowered when your car is driving backward.



Name	Description
1 Red Line	About 0.5 m from the rear bumper
2 Yellow Line 1	About 1 m from the rear bumper
3 Yellow Line 2	About 3 m from the rear bumper
4 Yellow Line 3	Trajectory of the wheel on the driver's side
5 Yellow Line 4	Trajectory of the wheel on the passenger side
6 Blue Line	Neutral steering trajectory

As you reverse your car and monitor the area behind your car, the steering-linked driving trajectory and the neutral driving trajectory are both displayed.

SVM (Surround View Monitor)

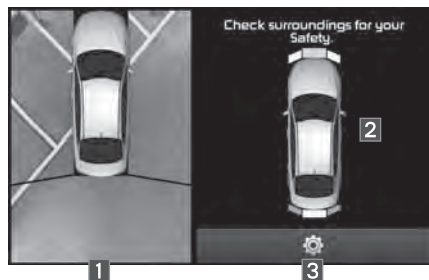
SVM conveniently shows the top view of both sides and the rear side of the vehicle when the vehicle is stationary or travelling at low speeds (approx. 15kph or below).

It is optional.

- SVM operates based on the vehicle speed when the ignition is on, the SVM switch is pressed, and the gear selector is not in the P position.
- SVM activates when the vehicle is stationary or travelling at low speeds (approx. 15kph or below). In Front SVM mode, the SVM screen disappears when the vehicle speed exceeds 15kph.
- Rear SVM mode activates only when the gear selector is in the R position.
- The SVM screen disappears when the gear selector is moved to the P position or the SVM switch is turned off.

Front SVM Mode

Front SVM mode activates when the ignition is on, the gear selector is not in the P or R position, and the SVM switch is pressed. The SVM screen disappears automatically when the vehicle speed exceeds 15kph.



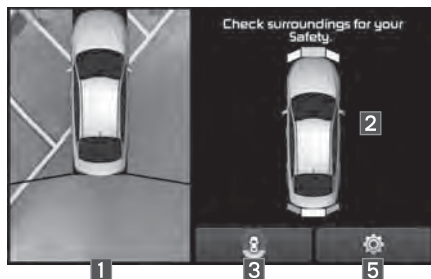
Name	Description
1 Surround view	Shows views around the vehicle.
2 PAS view	Shows warnings for obstructions around the vehicle.
3 Settings button	Enters the Parking Guidance Settings screen.

⚠ CAUTION

- Because the SVM cameras use wide-angle lenses to provide a wide view, the distance in the view may appear different to the actual distance. Always check the left and right views for safety.

Rear SVM Mode

Rear SVM mode activates when the ignition is on and the gear selector is in the R position.

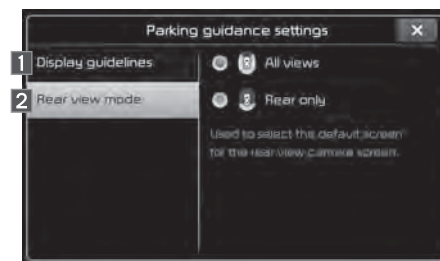


Name	Description
1 Surround view	Shows views around the vehicle.
2 PAS view	Shows warnings for obstructions around the vehicle.
3 Rear wide view selection button	Shows rear wide view.
4 Surround view selection button	Shows Surround view image.
5 Settings button	Enters the Parking Guidance Settings screen.

⚠ CAUTION

- Because the SVM cameras use wide-angle lenses to provide a wide view, the distance in the view may appear different to the actual distance. Always check the left and right views for safety.

Parking Guidance Settings



Name	Description
1 Display guidelines	Shows guidelines in the rear wide view.
2 Rear view mode	Selects the default screen for the SVM mode when entering the initial Rear SVM mode.

⚠ CAUTION

- The color of the parking guidelines displayed in the picture may differ from the actual color.
- When the boot is complete, the display may flicker while switching to a screen containing UI elements.

10

part. 10 Setup

- Setup
 - Navigation Settings
 - Sound Settings
 - Display Settings
 - Bluetooth Settings
 - UVO eServices Settings
 - Voice Recognition Settings
 - Clock Settings
 - Wi-Fi Settings
 - Language Settings
 - Keyboard Settings
 - UVO Apps Settings
 - Screen Saver Settings
 - Connectivity Settings
 - Advanced Settings
 - System Info

Setup

Setup

Setup is the screen to control system settings of the multimedia system.

To enter the screen, press the **SETUP** key of the device or the **Setup** button in All Menus.



Navigation Settings

For more details, refer to part 6. Navigation Settings.

Sound Settings

Adjusts the sound effects for the whole system.



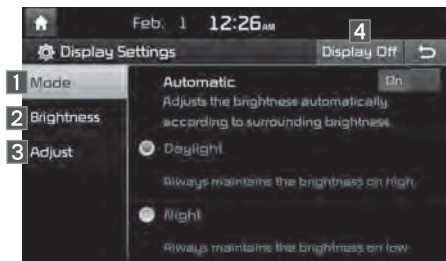
Features	Description
1 Position	Select the Up/Down/Left/Right button to control sound positioning. Select  to concentrate the sound on the center of vehicle.
2 Volume Levels	Sets the volume of broadcast, media, ringtone, etc., respectively.
3 Tone	Drag the slide bar to control Bass/Middle/Treble settings. Select Center to initialize the settings.
4 Priority	You can adjust the volume ratio between navigation announcements and regular audio.
5 Navigation Volume	Sets the method of navigation guidance volume adjustment.
6 Advanced	Select additional audio options such as "Speed Dependent Volume Control" that automatically controls Audio volume according to vehicle speed.
7 Beep	Select to activate a beep when pressing buttons.

i Information

- Advanced sound settings may differ according to selected AMP option.
- The seat shape may differ according to vehicle model.

Display Settings

Controls the display brightness and image rate for the whole system.



Features	Description
1 Mode	Provides the Automatic feature that automatically adjusts the brightness of the screen according to the brightness levels of the car's surroundings. If you do not use the Automatic feature, you can select either Daylight or Night mode and maintain the brightness accordingly.

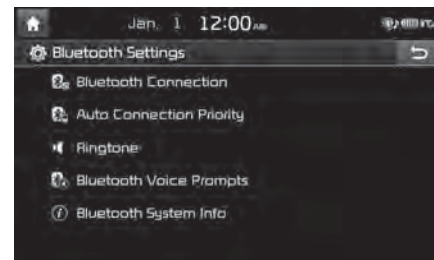
Features	Description
2 Brightness	Adjusts the level of brightness in Daylight or Night mode. (If you use the Automatic feature, you can set the brightness for both Daylight and Night modes.)
3 Adjust	Drag the slide bar to control the Brightness/Hue/Contrast/Saturation settings. Press Center to initialize the settings.
4 Display Off	Provides the Display Off (touch activation) function.

Bluetooth Settings

Changes Bluetooth phone settings.

Bluetooth Settings

- Press the **SETUP** key ► Select **Bluetooth**.
- Home screen ► Select **All Menus** ► Select **Setup** ► Select **Bluetooth**.



Bluetooth® Connection Settings

Press the **SETUP** key ► Select **Bluetooth**
► Select **Bluetooth Connection**.



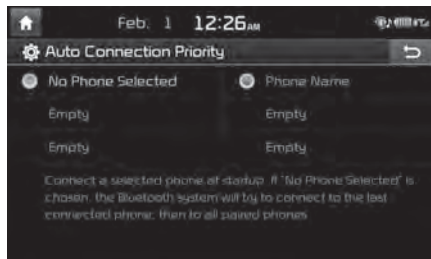
Features	Description
1 Paired Device List	Displays the paired Bluetooth device list. When selecting from the list, the device is connected or disconnected.
2 Bluetooth Audio Connection Status	An icon appears when you make a Bluetooth Audio connection.
3 Bluetooth Hands-Free Connection Status	An icon appears when you make a Bluetooth hands-free connection.
4 Add New	Register a new Bluetooth device.
5 Delete Devices	Select and delete a paired device.
6 Delete All	Delete all paired devices.
7 Help	Switches to the Bluetooth Connection Help screen.

i Information

- Up to 5 Bluetooth devices can be paired.
- Only one Bluetooth device can be connected at a time.
- During a Bluetooth device connection, another device cannot be paired.
- When you delete a paired device, the Call History and Contacts stored in the head unit are also completely deleted.
- Bluetooth Hands-free and Bluetooth Audio functions are supported.
- Hands-free and audio-supported devices, such as a Bluetooth smartphone or audio, will function normally.
- When a Bluetooth device is connected, if the Bluetooth connection is unexpectedly disconnected, due to being out of communication range, the device powering off, or a Bluetooth communication error, the Bluetooth device automatically searches for and connects to nearby Bluetooth devices.
- If the system is not stable, due to a vehicle-Bluetooth device communication error, restore the Default Factory Settings.
- For Default Factory Settings, the bluetooth settings are reset to factory settings.
- Press the **SETUP** key ► Select **Bluetooth**
► Select **Bluetooth System Info** ► Select **Default Factory Settings**.

Auto Connection Priority

Press the **SETUP** key ► Select **Bluetooth**
► Select **Auto Connection Priority**.

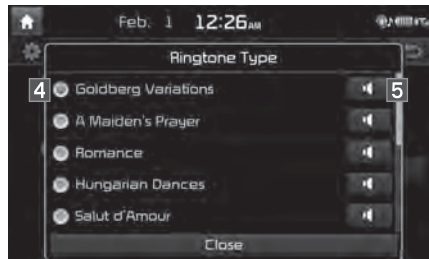
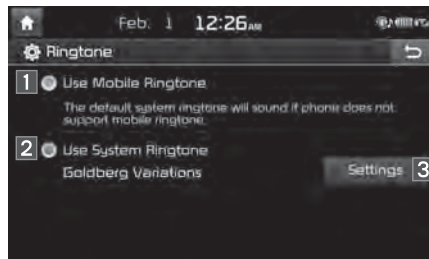


When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.

Depending on auto connection priority, connection to a device may take time.

Ringtone

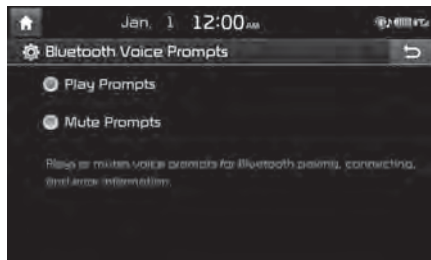
Press the **SETUP** key ► Select **Bluetooth**
► Select **Ringtone**.



Features	Description
1 Use Mobile Ringtone	The configured mobile ringtone comes out through the vehicle speakers when you receive a call. When a mobile device doesn't support it, the basic ringtone of the vehicle will be used.
2 Use System Ringtone	The system ringtone will be used.
3 Settings	Changes the ringtone.
4 Ringtone Type	Selects a ringtone by name.
5 Preview	Previews the available ringtones.

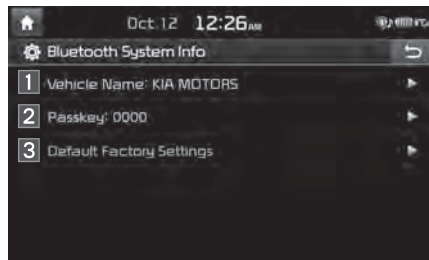
Bluetooth Voice Prompts

Press the **SETUP** key ► Select **Bluetooth**
► Select **Bluetooth Voice Prompts**.



Bluetooth® System Information

Press the **SETUP** key ► Select **Bluetooth**
► Select **Bluetooth System Info**.

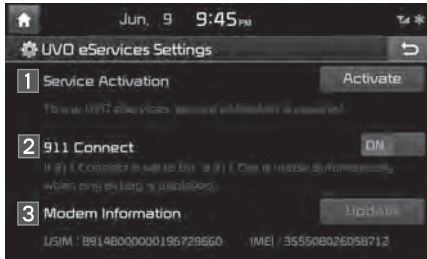


i Information

- The vehicle name above is an example. Check the actual information on the product.

Features	Description
1 Vehicle Name	You can change the Bluetooth device name of the vehicle.
2 Passkey	You can change the passkey used for Bluetooth device authentication. the initial passkey is 0000.
3 Default Factory Settings	You can delete all paired devices and restore the Default Bluetooth Settings. For Default Factory Settings, all paired devices are deleted, and the system is reset to factory settings.

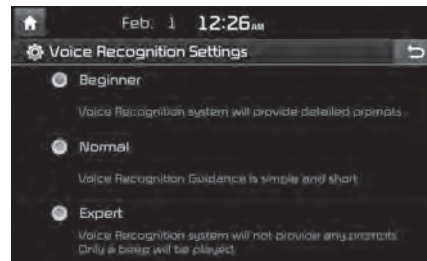
UVO eServices Settings



Features	Description
1 Service Activation	Creates a new account for UVO eServices and verifies your vehicle.
2 911 Connect	Sets whether to perform the 911 Connect feature automatically when an air-bag deploys.
3 Modem Information	Displays detailed information for the modem.

Voice Recognition Settings

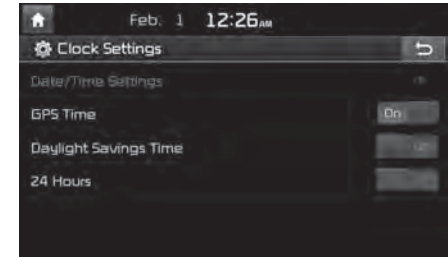
Configure how to make a call with Voice Recognition Guidance and Voice Recognition.



Features	Description
Guidance	Select an option from Beginner, Normal, or Expert.

Clock Settings

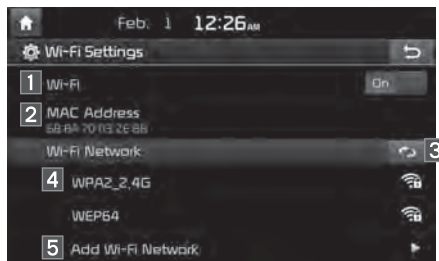
Provides the time and date settings.



Provides the Date/Time Settings, GPS Time, Daylight Savings Time and 24 Hours options.

Wi-Fi Settings

You can share a digital-device network with the vehicle device through Wi-Fi.



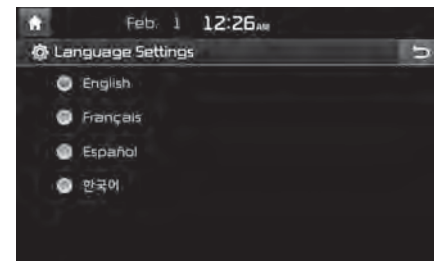
Features	Description
1 Wi-Fi	Turn on/off Wi-Fi.
2 MAC Address	Displays the MAC address.
3 Refresh	Searches available networks near the vehicle.
4 Wi-Fi Network	Displays available network AP (Access Point) names.
5 Add Wi-Fi Network	Enter the network ID/password to connect to a hidden network AP (Access Point).

How to Connect to a Network

1. In the Wi-Fi settings of a digital device, activate Internet sharing (hot spot).
2. In the vehicle network list, select the desired device to connect to. Enter the password to connect, if any.

Language Settings

You can configure the displayed system language.



When the language is changed, the system language is automatically changed. Unique data including MP3 file name is not changed and some languages don't support voice recognition.

Keyboard Settings

You can configure the keyboard layout for each language.



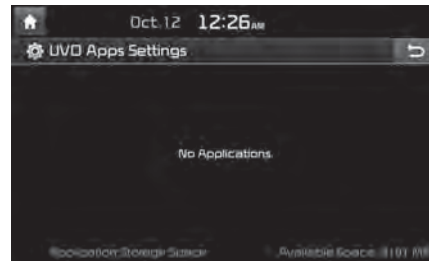
You can configure ABCD or QWERTY keyboards for the system.

i Information

- Configured keyboard layouts are applied to all input modes.

UVO Apps Settings

Displays the applications that were downloaded through the Download Center. View the memory status of installed applications or delete them.



You can delete downloaded applications in the Download Center. To recover a deleted application, you can re-install the application with the re-download function in the Download Center.

Screen Saver Settings

You can select any of the following screen formats to be displayed when the screen or power is turned off.

- Digital clock and date
- Analog clock and date
- No display

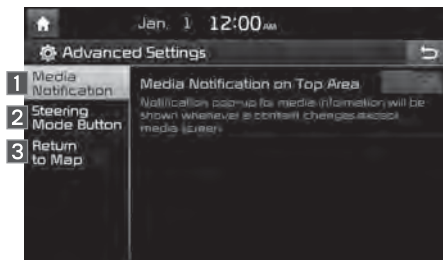


Connectivity Settings

For more details, refer to Connectivity guide.

Advanced Settings

Sets alerts per function if desired by the user.



Features	Description
1 Media Notification	Sets whether to display media information at the top of the screen as the next item is played when not on the media screen.
2 Steering Mode Button	Sets the media to be played when the steering wheel or rear seat (if provided) MODE button is pressed.
3 Return to Map	Sets the time after which the screen will return to the map screen from the broadcast/music playback screen.

System Info

At the System Info screen, software version information, updates, and storage status details are available.



Features	Description
1 SW Info	System version information and update details are available. Select the Update button to update the system. After update is complete, the system will reboot automatically.
2 Storage	Displays the memory space available for media files and applications.

System Update

At the System Info screen, insert the updated memory (USB or SD card) with the latest file downloaded, and then select the **Update** button to begin updating. The system will then reboot automatically.

Information

- This product needs supplemented software updates, additional new functions, and renewed maps, which collectively may take some time to complete, depending on the amount of data.

NOTICE

- If the power is disconnected or the USB or SD card is removed during an update, the data might be damaged. Please wait until the update is complete while the engine is on.
-

part. 11 Appendix

Product Specification

Troubleshooting

FAQ

11

Appendix

Product Specification

TFT-LCD

Screen Size	Navigation Device - 8 inch(176.4 × 99.36 mm)
Resolution	Navigation Device - 384000 pixels (Resolution: 800 × 480)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Left/Right, Top/Bottom : ALL 89°
Internal Lighting	LED

Radio

Channels	FM : 87.5 MHz ~ 107.9 MHz(Step : 200 kHz)
	AM : 530 kHz ~ 1710 kHz(Step : 10 kHz)
Sensitivity	FM : Under 10 dBu/AM : Under 35 dBu
Distortion Factor	Within 2 %

Common

Name	Car TFT LCD Display Navigation Unit		
Power Supply	DC 14.4 V	Operating Power	DC 9 V ~ DC 16 V
Current Consumption	2.5 A	Sleep Current	0.5 mA (Head Unit Only)
Operating Temperature	-20 ~ +70 °C (-4 ~ +158 °F)	Storage Temperature	-40 ~ +85 °C (-104 ~ +185 °F)
Dimensions	178 × 102 × 138 mm (Main BOX)		
Weight	2.3 kg		

Wi-Fi Details

Frequency	2412 ~ 2462 MHz
Specification	802.11 b/g/n
Number of Channels	11 channels
Operating Temperature	-20 ~ + 70 °C (-4 ~ +158 °F)

Bluetooth® Wireless Technology

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth® Specification	3.0
Supported Profile	Handsfree(1.6), A2DP(1.2), AVRCP(1.4), PBAP(1.0)		
Output	0.125 mW		
Number of Channels	79 channels		

Troubleshooting

1. Errors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.
2. If you are having problems with the device, try the suggestions listed below.
3. If the problems persist, contact your KIA dealer.

Problem	Possible Cause
There are small red, blue, or green dots on the screen	Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels
The sound or image is not working	- Has the Switch for the vehicle been turned to [ACC] or [ON]? - Has the SYSTEM been turned OFF?
The screen is being displayed but sound is not working	- Has the volume been set to a low level? - Has the volume been muted?
When the power is turned on, the corners of the screen are dark	- The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction - If the screen is very dark, contact your nearest KIA dealer for assistance
Sound is working from only one speaker	Are the positions of Fader or Balance sound controls adjusted to only one side?

Problem	Possible Cause
Sound does not work in AUX mode	Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	Is the external device connected with a standard connector cable?
Upon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load - If the corresponding device is not connected, the mode operated prior to the most recent mode will operate - If the previous mode still cannot be properly played, the mode operated prior to that will operate

Problem	Possible Cause	Countermeasure
The power does not turn on	The fuse is disconnected	• Replace with a suitable fuse • If the fuse is disconnected again, please contact your point of purchase or service center
	Device is not properly connected	• Check to see that the device has been properly connected
The system does not play	The vehicle battery is low	• Charge the battery If the problem persists, contact your point of purchase or service center

Problem	Possible Cause	Countermeasure
The image color/tone quality is low	• The brightness, saturation, hue, and contrast levels are not set properly	• Properly adjust the brightness, saturation, hue, and contrast levels through Display Setup
Sound does not work	• The volume level is set to the lowest level • The connection is not proper	• Adjust the volume level • Check to see that the device has been properly connected
	• The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode	• The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode
The sound or image quality is low	• Vibration is occurring from where the conversion switch has been installed • Image color/tone quality is low	• The sound may be short-circuited and the image distorted if the device vibrates • The device will return to normal once vibrations stop

Problem	Possible Cause	Countermeasure
The USB does not work	• USB memory is damaged • USB memory has been contaminated • A separately purchased USB HUB is being used • A USB extension cable is being used • A USB which is not a Metal Cover Type USB Memory is being used • An HDD type, CF, SD Memory is being used • There are no music files which can be played	• Please use the USB after formatting it. • Remove any foreign substances on the contact surface of the USB memory and multimedia terminal • Directly connect the USB memory with the multimedia terminal on the vehicle • Use standard USB Memory • Only MP3, WMA file formats are supported. Please use only the supported music file formats
The iPod is not recognized even though it has been connected	• There are no titles which can be played • The iPod firmware version has not been properly updated • The iPod device does not recognize downloads	• Use iTunes to download and save MP3 files into the iPod • Use iTunes to update the firmware version and reconnect the iPod with the device • Reset the iPod and reconnect with the device

Problem	Possible Cause	Countermeasure
Bluetooth does not work or its limited functions are available	• Bluetooth on your mobile phone is set to OFF • The Bluetooth connection is not made	• Set it to ON • Make the connection active

i Information

- While operating the device, if an abnormality occurs that cannot be corrected with the above described measures, press the RESET key to reset the system.
- Press and hold the RESET key (more than 1 seconds). The device power will turn off and the system will reset.

FAQ

About Pairing Mobile Phones

Q I cannot pair my mobile phone. What is the cause?

A Check to see that the mobile phone supports Bluetooth® function. Verify if Bluetooth on the cell phone is set to OFF. If so, set it to ON. If the cell phone still can't be registered, try again after turning Bluetooth off and on, or delete the device registration on the multimedia system and cell phone and then register the cell phone again.

Q What is the difference between pairing a mobile phone and connecting a mobile phone?

A Pairing occurs through authenticating the head unit and mobile phone. Mobile phones paired to the head unit can be connected and disconnected until the paired mobile phone is deleted from the system. Bluetooth® Handsfree features, such as making/answering calls or managing contacts, are supported only in mobile phones connected with the head unit.

Q What is a Passkey?

A A passkey is the password used to authenticate the connection between the head unit and mobile phone. The passkey only needs to be entered once when pairing the mobile phone for the first time.

The initial passkey is 0000. You can change it with **SETUP** ►

Bluetooth ► **Bluetooth System Info** ► **Passkey** menu options.

About Making/Answering Phone Calls

Q How can I answer a call?

A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, select the  button on the screen or the  key on the steering wheel control. To reject the call, select the  button on the screen or press the  key on the steering wheel control.

Q What should I do if I am talking on the Handsfree but want to switch the call to the mobile phone?

A While on a call, press and hold (more than 0.8 seconds) the  key on the steering wheel control or select the  button at the bottom of the Phone screen to switch the call to your mobile phone.

About *Bluetooth*® Wireless Technology/ Head Unit Use Environment

Q What is the range of my wireless connection?

A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?

A It is possible to pair up to five mobile phones.

Q Why is call quality sometimes poor?

A Check the reception sensitivity of the mobile phone when call quality becomes worsened. The call quality may deteriorate when the signal strength is low. Call quality may also worsen if metal objects, such as beverage cans, are placed near the mobile phone. Check to see if there are metal objects in the vicinity of the mobile phone. The call sound and quality may differ depending on the type of mobile phone.

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Important Information

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

Keep User's Guide in Vehicle

When kept in the vehicle, the User's Guide will be a ready reference for you and other users unfamiliar with the multimedia system. Please make certain that before using the system for the first time, all persons have access to the User's Guide and read its instructions and safety information carefully.

Warning:

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

General Operation

Voice Command Control

Functions within the multimedia system may be accomplished using only voice commands. Using voice commands while driving allows you to operate the system without removing your hands from the wheel.

Prolonged Views of Screen

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

Volume Setting

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

Navigation Features

Any navigation features included in the system are intended to provide turn by turn instructions to get you to a desired destination. Please make certain all persons using this system carefully read and follow instructions and safety information fully.

Distraction Hazard

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

Let Your Judgment Prevail

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

Route Safety

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

Potential Map Inaccuracy

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

Emergency Services

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

Use of Speech Recognition Functions

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

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

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

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