

CAR MULTIMEDIA SYSTEM USER'S MANUAL (ATC40DQAN)



The Power to Surprise

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 images in the vehicle may differ from the illustrations.

For more accurate information about the vehicle, please refer to the catalogue.

※ This Multimedia system contains open source software, including without limitation, software distributed and/or modified under the GNU General Public license, Version 2, June 1991, and the GNU lesser General Public License, Version 2.1, February 1999.

For additional information and to obtain related materials including without limitation, the previous referred to licenses and software, please contact us at MOBIS_OSSrequest@mobis.co.kr

Notations used within this User's Manual

WARNING

- A WARNING indicates a situation in which harm, serious bodily injury or death could result if the warning is ignored.

CAUTION

- A CAUTION indicates a situation in which damage to your vehicle could result 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.

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®

iPod® is a registered trademark of Apple Inc.

***Bluetooth®* Wireless Technology**

A compatible *Bluetooth®* Wireless Technology-enabled cell phone is required to use *Bluetooth®* Wireless Technology.

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A Bluetooth® enabled cell phone is required to use *Bluetooth®* Wireless Technology.

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HD Radio™ Technology

HD Radio™ Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents.

For patents see <http://patents.dts.com/>. HD Radio™ and the HD, HD Radio™, and "ARC" logos are registered trademarks or trademarks of iBiquity Digital Corporation in the United States and/or other countries.





part. 1 **Basic**

Warnings and Cautions
Component Names and Functions
Starting the System for the First Time

Basic

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 Multimedia 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 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 Navigation 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.

Component Names and Functions

Head Unit

Name		Description
1	 PWR/ VOL	- When power is off, press to turn power on. - When power is on, press and hold (over 0.8 seconds) to turn the power off. - When power is on, press quickly (less than 0.8 seconds) to turn Audio off. - Turn left/right to adjust the volume.
2	 RADIO	Selects FM/AM/SiriusXM™ mode Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → FM.
3	 MEDIA	Selects MEDIA mode. If the media is not connected MEDIA mode will not be activated.

Name		Description
4	 SEEK TRACK	When the key is pressed quickly (less than 0.8 seconds), - FM/AM mode: Plays the previous/next frequency. - SiriusXM™ mode: Changes the channel. - MEDIA mode: Changes the track, file or title (except for AUX). When the key is pressed and held (over 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. - MEDIA mode: Rewinds or fast forwards the track or file (except for AUX and Bluetooth Audio).

Name		Description
5	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted)
6		SD Card insert slot
7		Displays the map for the current position.
8		Takes you to the menu screen where you can find your destination and set the route.

Name		Description
9		Moves to the function set by the user.
10		Moves to the Setup screen.
11		- FM/AM mode: Changes the frequency. - SiriusXM™ mode: Changes the channel. - MEDIA mode: Changes the track, file or title (except for AUX and Bluetooth Audio).

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

Steering Wheel Controls

Name	Description
1 	When the key is pressed quickly (less than 0.8 seconds), - Activates voice recognition. When the key is pressed and held (over 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 following order: FM → AM → SiriusXM™ → USB or iPod → AUX → Bluetooth Audio → FM  You can select which mode to use in Advanced settings. - If the media is not connected, the corresponding modes will be disabled - Press and hold (over 0.8 seconds) to turn the Audio system on/off - When power is off, press button to turn power back on
3 	Use to adjust the volume of audio or call.
	Mutes the audio. (Media will be paused in some media modes.) Mutes the microphone during a call.
4 	When the key is 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 mode: changes the track, file or title (except for AUX) When the key is pressed and held (over 0.8 seconds), - FM/AM mode: automatically searches broadcast frequencies - SiriusXM™ mode: automatically searches broadcast channels - MEDIA mode: quickly looks up songs (except for AUX and Bluetooth Audio)

Name		Description
5		When the key is pressed quickly (less than 0.8 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 the key is pressed and held (over 0.8 seconds), • When pressed in Bluetooth® Hands-free, redials the last dialed call • When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private) • When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected)
		• When pressed during a call, ends the phone call • When pressed in the incoming call screen, rejects the call

※ The actual image 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 safety guide. To change the system language between English, French, Spanish and Korean, select the **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 not operating correctly. 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 discharged.

Restrictions on Features for Safety Measures

Several features are limited while driving.

The restriction screen will disappear when shifting gears into P or putting the parking brake on.

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

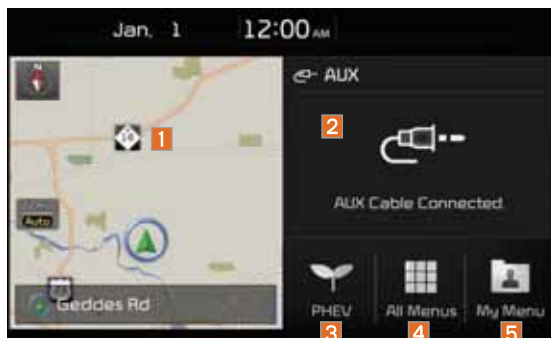
- Touching the Antenna During A Thunder Storm

- 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

Tap the  icon on any screen to display the Home Screen below.



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 or media that is now playing. - Tap the area to move to the mode that 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	Add your favorite menus 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.

Icon	Description
	Displayed when the audio is muted.
	Displayed when the navigation sound is muted.
	Displays the remaining battery of the Bluetooth phone.
	Displayed when connected to Bluetooth for handsfree.
	Displayed when connected to Bluetooth for streaming audio.
	Displayed when connected to Bluetooth for streaming audio and handsfree.
	Displayed when downloading contacts or recent calls from the Bluetooth phone.
	Displayed while on a call with the Bluetooth phone.
	Displayed when the microphone of the Bluetooth or UVO phone is muted.
	Displays the signal strength of the Bluetooth phone.
	Displays the signal strength of the UVO.
	Displayed when 911 connect is available.
	Displays when using 2G/LTE data.

Adding a Feature to My Menu

Select **My Menu** on the Home Screen to add the most frequently used menus, change the menu order, or delete menus.



i Information

- Up to 24 menus can be added to My Menu.

On-Screen Touch Controls

Learn how to touch the screen to operate the system.

Select

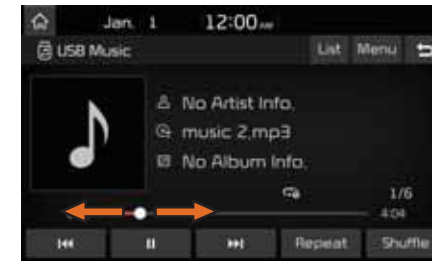
Tap lightly on a menu or an item to select it.

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.

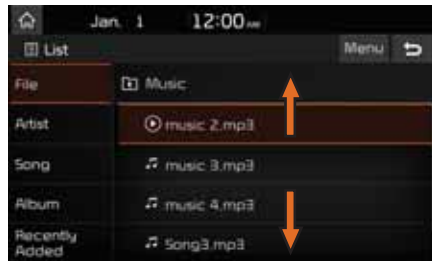
Drag & Drop

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)



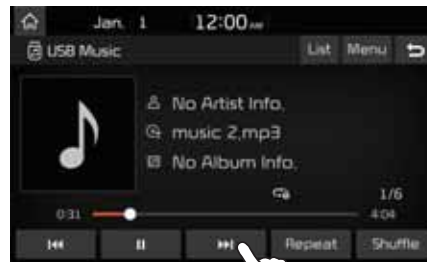
Quickly moves up and down in the list.

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.





part.2 Electric Vehicle

Starting Plug-in Hybrid mode

Menu screen for Plug-in Hybrid mode

ECO Driving

Energy Information

EV Range

Charging Settings

Electric Charging Stations

Gas Stations

PHEV Settings

Plug-in Hybrid Electric Vehicle (PHEV)

Starting Plug-in Hybrid mode

PHEV : Plug-in Hybrid Electric Vehicle

Select the **PHEV** menu in the My Menu, or select the **PHEV** icon in All Menus.

Menu screen for Plug-in Hybrid mode

Plug-in Hybrid mode consists of menus and settings including ECO Driving, Energy Information, EV Range, Charging Settings, 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 Charging Settings	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 realtime information that will be displayed on the Home Screen.

ECO Driving

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

Fuel Economy



Features	Description
1 Average fuel economy	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



History



Fuel Economy	ECD Level	History
04.15.2017	9mi	15.8MPG
03.10.2017	6mi	24.8MPG
02.04.2017	19mi	31.6MPG
01.01.2017	12mi	22.8MPG

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



Battery Information	Energy Flow
1 Total Range: 300mi	4 Battery Gauge: 80%
2 Electric: 50mi	5 Expected Charging Time: AC Charger 240V: 20 mins, AC Charger 120V: 1 h. 10 m.
3 Gasoline: 250mi	

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

Features	Description
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

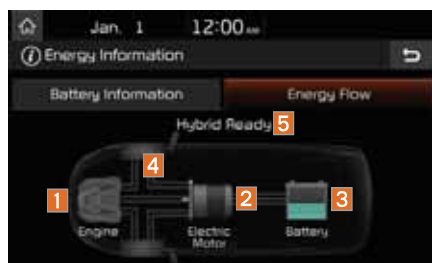
- Depending on the type of charging cable used, the time remaining until charging is complete will be displayed when the cable is connected.



Battery Information	Energy Flow
Total Range: 300mi	Battery Gauge: 80%
Electric: 50mi	Remaining Charging Time
Gasoline: 250mi	AC Charger: 20 mins

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.



Engine Mode Charging

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



Idle Mode Charging 1

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.



Electric Mode 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.



Engine Braking 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.



Idle Mode Charging 2

Both the engine’s power and the decel-eration energy from braking are used for charging the battery.



EV Range



Features	Description
1 Green circle	Reachable area

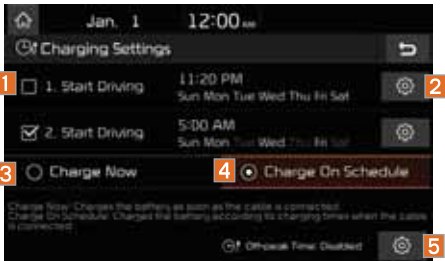
Charging Settings

This function enables charging to start automatically at the scheduled time on the day that you select.

Two different schedules can be set.



Features	Description
1 Departure Time	Sets the time when the car will be driven after charging.
2 Repeat	Automatically schedule according to the current settings. Select the day of the week you want to charge the battery.



i Information

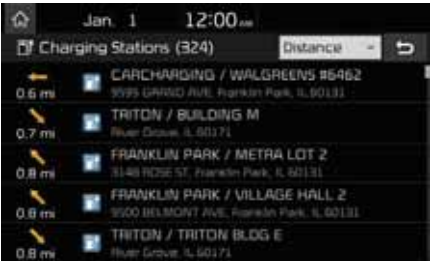
- The time when charging will start is set based on the current time displayed on the head unit.
- The battery will start charging only if a charging cable is connected.
- When a charging cable is connected, the remaining charging time for the cable type will be displayed.
- Scheduling is not available if the set departure times and days of the week overlap.

Once the settings have been saved, the setting information will be displayed on the screen.

Name	Description
1	Check a box to use the respective settings.
2	Select to change the set values.
3	Select the Charge Now button to start charging immediately regardless of the scheduled charging times.
4	Select the Charge On Schedule button to use the scheduled charging times.
5	Select and configure to use inexpensive service plans during weekdays/weekends.

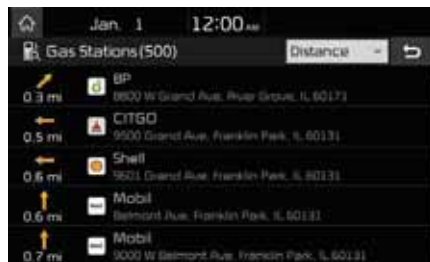
Electric Charging Stations

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



Gas Stations

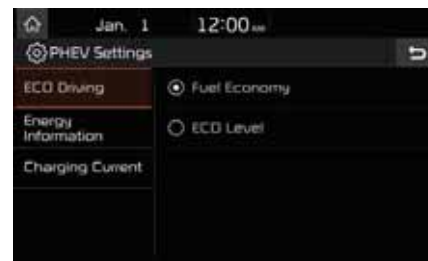
Search for gas stations.



PHEV Settings

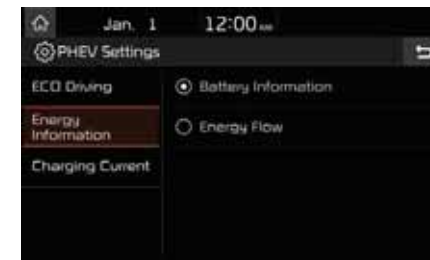
You can change the settings for which real-time information will be displayed on the Home Screen.

ECO Driving



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

Energy Information



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

Charging Current



The Charging Current for AC Charger 240V mode and AC Charger 120V mode can be set.



part.3 Radio/Media

FM/AM

HD Radio™ Technology

SiriusXM™

USB

iPod

Bluetooth® Audio

Radio/Media

FM/AM

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



Features	Description
1 Preset Frequencies	• The stored preset frequencies are displayed for user selection. • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button. • Flick the preset frequencies up/down to scroll quickly through presets.
2 Frequency	Displays the current frequency.
3 Presets	Shows the stored presets for user selection.
4 Menu	• Station List: Moves to the station list. • Info: Turns the Radio text information transmitted from the broadcasting station on and off. • Sound Settings: Moves to the Sound Settings.
5 Band	Changes to the desired band from among FM, AM, and SiriusXM™.
6 HD Radio	Used to set whether to turn HD Radio™ reception On or Off.
7 Scan	Shortly plays the broadcasts for the frequencies with superior reception for 5 seconds per item.

Features	Description
 SEEK/TRACK	- When the key is pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency. - When the key is pressed and held (over 0.8 seconds): Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency.
 TUNE	Turn the  TUNE knob to manually seek available frequencies.

HD Radio™ Technology



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

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

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

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

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™



Features	Description
1 HD Radio™ Reception & Channel buttons	Displays main HD Radio™ channels and used to directly select the current available channels. The HD Radio™ related icon display becomes active within regions where an HD Radio™ signal can be received.
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™ band from the radio player.



i Information

- 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.

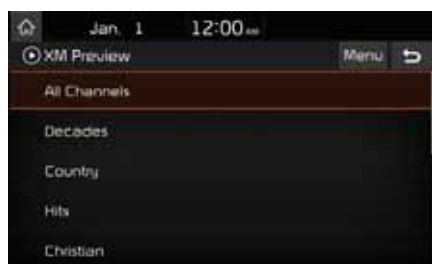
Features	Description
1 Preset Frequencies	- Shows the stored presets for user selection. - After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button.
2 Channel Logo	Displays the current channel logo.
3 Channel Info	Displays the current channel number and name.
4 Content Info	Displays the artist, title and other information about the current playing song.
5 Category Info	Displays the category of the currently playing song.
6 Band	Changes to the desired band from among FM, AM, and SiriusXM™.
7 Direct Tune	Used to search for the desired channel by entering the channel number.
8 Scan	Plays all receivable channels for 5 seconds per item.
9 Play Live	Switches to the live broadcast mode.
10 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.
11 Play/Pause	Pauses/plays the current broadcasting program.
12 Skip Forward	Moves to the next segment.



Features	Description
13 Weak Signal	Displays the weak radio reception.
14 Presets	Shows the stored presets for user selection.
15 Channel List	Moves to the channel list.
16 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.) - Sound Settings: Moves to the Sound Settings.
17 SEEK/TRACK	- When the key is pressed quickly (less than 0.8 seconds): Plays the previous/next channel. - When the key is pressed and held (over 0.8 seconds): Continuously changes the channel until the key is released and plays the current channel.
18 TUNE	Changes the channel.

Selecting through Channel/Category List

Select the **Channel List** ► 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



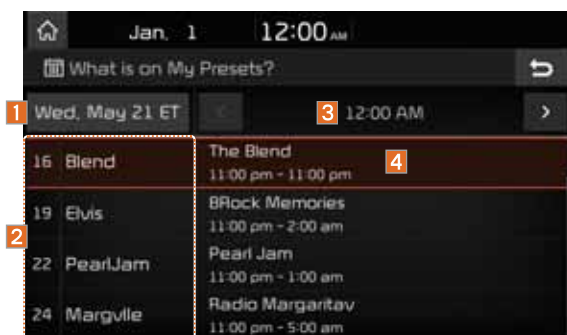
Enter the number of the channel you want to receive.

Viewing Menu

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



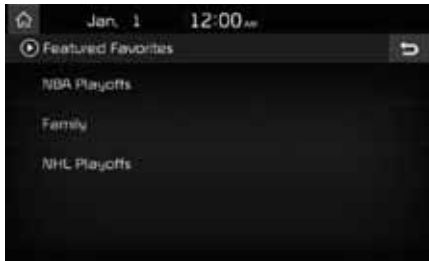
What is on My Presets? (Program Schedule)



You can select Menu to see program information and the schedules of broadcast channels listed in the presets.

Name	Description
1 Change Broadcast Date	By selecting this option, you can select a broadcasting date. Broadcast information will be provided for one week from the current date. 
2 Preset	Shows saved presets for user selection i A total of 40 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 broadcasted 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 files will not be played.
- For MP3/WMA/OGG files, only music files with compression rates between 8Kbps to 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 device may not properly recognize the USB in some states.
- 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 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.

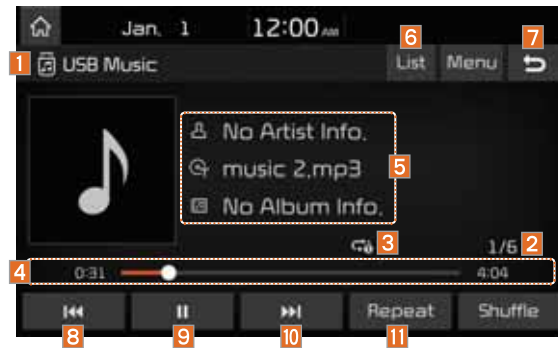
Supported USB music specifications

Name	Description
Audio File Specification	MPEG-1/2 layer3, OGG (Vorbis), FLAC, WMA (Standard/Professional)
Recommended Bit Rates and Sampling Frequency	MPEG-1/2 layer3 8 kbps to 320 kbps (CBR or VBR), to 48 kHz - ID3 Tag: Supports ID3v1.0 and ID3v1.1, ID3v2.3, ID3v2.4 ID3 tags
	OGG (Vorbis): From Q-1 to Q10, to 48 kHz
	FLAC: 8 bit/16 bit/24 bit, to 48 kHz
	WMA - Standard (0x161): to support L3 Profile: to 385 kbps, to 48 kHz - Professional (0x162): to support M0b: to 192 kbps, to 48 kHz
Detailed Specifications	Maximum directory layers: 20 layers Maximum length of folder name/file name: 255 bytes 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

i Information

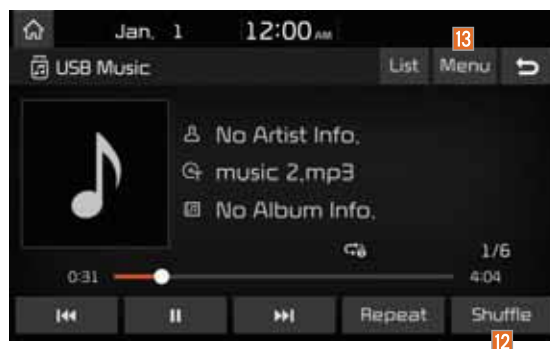
- The sound quality of audio files that use bitrates exceeding 192 kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not operate properly.

USB Music

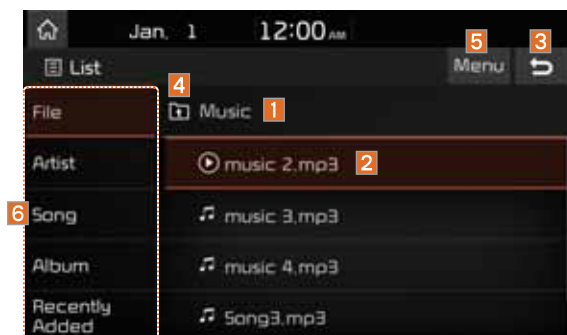


Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/title/album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

Features	Description
8 Previous File	- If the button is selected (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 over 3 seconds, play the current file from the beginning - If the button is selected (over 0.8 seconds) it rewinds the track
9 Play/Pause	Plays/pauses the current file
10 Next File	- If the button is selected (less than 0.8 seconds): Moves to the next file. - If the button is selected (over 0.8 seconds): It fast-forwards the track.
11 Repeat	Repeats the current file. - If select the file in the file tab on the list screen: select this button to switch between repeating the current file, repeating folder, and repeating all files. - If select the file in the other tabs on the list screen: select this button to switch between repeating the current file and repeating all files.



Features	Description
12 Shuffle	Plays files in random order. • If select the files in the file tab on the list screen: select this button to switch between shuffle folder, shuffle all, and turning off. • If select the file in the other tabs on the list screen: select this button to switch between shuffle category and turning shuffle off.
13 Menu	• Hide Current File: a selected file can be deleted. Deleted file can be found in the "Hidden_" folder. <i>i</i> This function is only supported when USB format is compatible with FAT16 or FAT32. • Sound Settings: Moves to the Sound Settings.
14 TUNE	Turn the  TUNE knob to search a desired track. If the desired track is displayed, select the  TUNE knob to play the track. <i>i</i> If you do not anything with the  TUNE knob for 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/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	- When the key is pressed quickly (less than 0.8 seconds): Plays previous/next track - When the key is pressed and held (over 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.

iPod

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 repeatedly connect and disconnect iPod/iPhone to the Multimedia system with USB cable in a short time, it may cause abnormal operation.
- 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 to 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 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 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 iPod mode.
 - The screen of multimedia system can be different when you run other music players (e.g. iHeartRadio) on your connected device.

- 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, it may occur difference of playing songs between the Multimedia system and 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.
- 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.
- 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, it may occur some problems 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 occur 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 9.3.2 or below. However, they may not work normally on future iOS versions as their operations have not yet been tested.

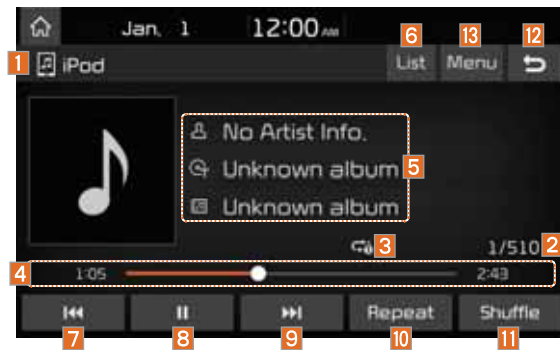
- We recommend that your Apple device uses the latest firmware since some problems may occur due to an outdated firmware or other software related issues.

Type	1G	2G	3G	4G	5G	6G	6.5G	7G
iPod Mini	Not Supported							
iPod Shuffle								
iPod Nano	○	○	○	○	○	○	Not released	○
iPod Touch	○ (iOS 1.1 not supported)	○	○	○	○	○	Not released	

Type	1G	2G	3G	4G	5G	6G	6.5G	7G
iPad	○ (Unable to charge, Not verified, Normal operation not guaranteed)							
iPad Mini								
iPod Classic	Not Supported			○ (iPod with Video)	○ (iPod Classic)	○ (iPod Classic)	Not released	

Type	3G	3GS	4	4S	5	5C	5S	6	6+	6S	6S+	SE	7	7+
iPhone	Not verified, Normal operation not guaranteed	○	○	○	○	○	○	○	○	○	○	○	○	○

iPod

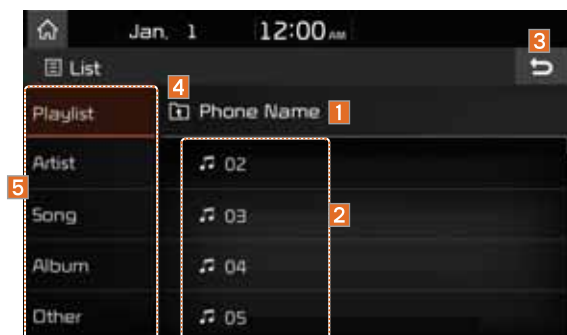


Features	Description
1 Mode	Displays the current operating mode
2 Song Index	Shows the current song/total songs
3 Repeat/Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/title/album info
6 List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

Features	Description
7 Previous File	- If the button is selected (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 over 3 seconds, play the current file from the beginning - If the button is selected (over 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	- If the button is selected (less than 0.8 seconds): Moves to the next file. - If the button is selected (over 0.8 seconds): It fast-forwards the track.
10 Repeat	Repeats the current song. Select this button to switch between repeating the current song and repeating all songs.
11 Shuffle	Plays songs in random order. Select this button to switch between shuffle category and turning shuffle off. Shuffle Category: shuffle song in the current category.
12 Back Button	Move to home/previous mode screen
13 Menu	Sound Settings: Moves to the Sound Settings.



Features	Description
 TUNE	Turn the  TUNE knob to search a desired track. If the desired track is displayed, press the  TUNE knob to play the track.  If you do not anything with the  TUNE knob for 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>i</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	- When the key is pressed quickly (less than 0.8 seconds): Plays previous/next track - When the key is pressed and held (over 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>i</i> If you do not anything with the knob for 5 seconds, the  TUNE knob search will be terminated.

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 Menu	- Connections: Moves to the Bluetooth Connection. You can pair a new device or change/delete paired device(s). - Sound Settings: Moves to the Sound Settings.
11 SEEK/TRACK	Plays the previous/next file
12 TUNE	● TUNE is not supported

i Information

- Artist info and Title may not be supported by mobile phone.
- While in use of other functions after connecting your mobile phone through a USB cable, the Bluetooth audio is disabled.

Bluetooth Connection

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



- In Bluetooth Audio play screen, select **Menu** and then **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>
-



part.4 Bluetooth

Before Using the Bluetooth® Handsfree
Bluetooth Connection
Bluetooth Phone

Bluetooth

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 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  key on 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  key. ► Select . ► Select . ► Select . ► 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.

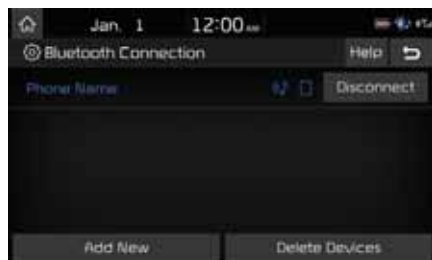
Connecting Devices by Selecting Phone/Call

Press the  key on the steering wheel control. ► Select the name of the device to connect. ► Connect Bluetooth.



Connecting Devices Through the Phone Settings

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



Disconnecting Bluetooth Devices

Disconnects Bluetooth devices that are connected.

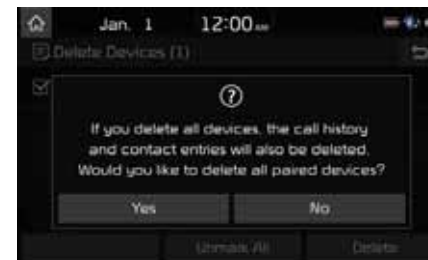
Press the **SETUP** key. ▶ Select **Bluetooth**.
▶ Select **Bluetooth Connection**. ▶ Select the name of the device to disconnect.



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. ▶ Select **Bluetooth**. ▶ Select **Bluetooth Connection**. ▶ Select **Delete Devices**. ▶ Select the device name to delete. ▶ Select **Delete**.



Bluetooth Phone

Phone Status Icons

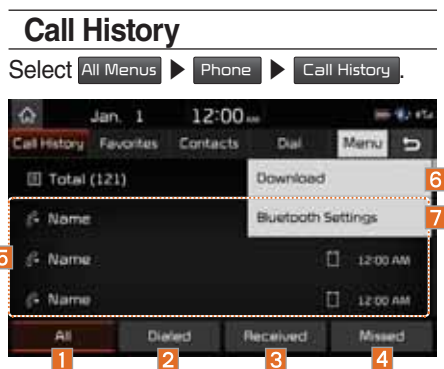
Shows the current phone status in the right top of the display.



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

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.



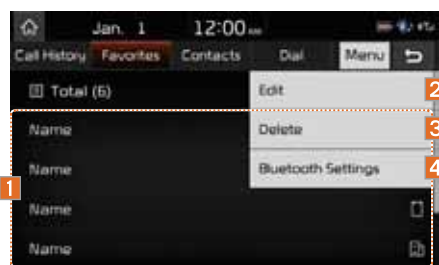
Name	Description
1 All	Lists the all call history.
2 Dialed	Lists the calls that you made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls you missed.
5 Call History	Displays all of your call history. Select from the list to dial the number.
6 Download	Downloads the call history 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 (📶).
- 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>

Favorites

Select **All Menus** ► **Phone** ► **Favorites**.



Name	Description
1 Favorites	Lists the phone numbers saved as Favorites. Select from the list to dial the number.
2 Edit	Add or delete numbers from favorites.
3 Delete	Deletes numbers that you select from Favorites.
4 Bluetooth Settings	Moves to a screen of Bluetooth Settings.

Contacts

Select **All Menus** ► **Phone** ► **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

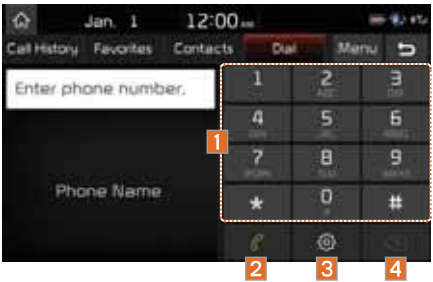
- Up to 5000 phone numbers can be downloaded from a single, paired Bluetooth device.
- You cannot edit or delete downloaded phone numbers from your car.
- Contacts can be viewed only when the Bluetooth device is connected.
- Even if the Bluetooth device is disconnected, the downloaded data will remain. (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 Multimedia system. 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>

Dial

Dials a call after the Bluetooth devices are connected.

Select **All Menus** from Home Screen display
► **Phone** ► **Dial** .

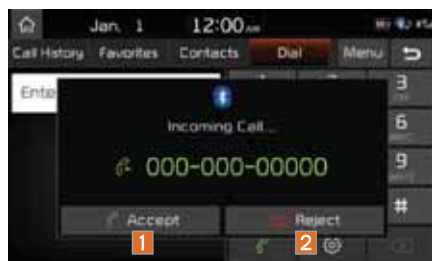


Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Select and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone
2 Call	Makes a call after you dial a number and select  . If the number is listed in Dialed Calls,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

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 Mute	Mutes the microphone during a call.
4 Outgoing Volume	Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 to 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 Settings.
 - 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.
-



MEMO



part.5 UVO eServices

Rear view mirror key function

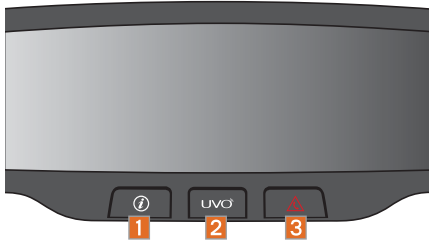
UVO eServices Voice Local Search

Before Using UVO eServices

Getting Started with UVO eServices

UVO eServices

Rear view mirror key function



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

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?

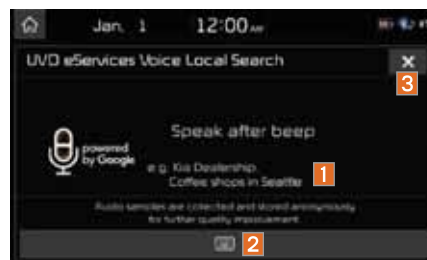
With UVO eServices network service, you can search for Google-provided place names with your voice.

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 switch 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.

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 smartphone 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.

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.

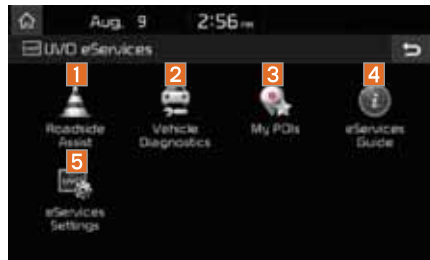
Places where UVO may be disrupted depending on the transmission/reception status:

- 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. Press **UVO** key.
2. Select the desired item.



Name	Description
1 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.
2 Vehicle Diagnostics	Diagnoses anomalies in the vehicle and checks diagnostic results.
3 My POIs	Displays the POI information transmitted via webpages, the user's smartphone, etc.
4 eServices Guide	Connects to the UVO center and provides information about the UVO eServices features.
5 eServices Settings	Displays Service Activation, 911 Connect, and Modem Information.

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



NOTICE

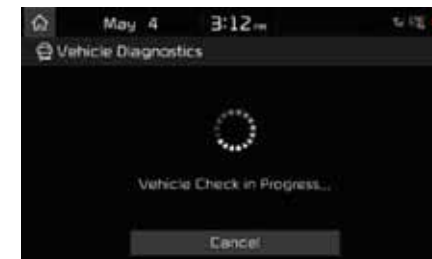
- You can still use the Roadside Assist feature without registering for UVO eServices.
- If you have no network coverage, please move to a new location and try again.

Vehicle Diagnostics

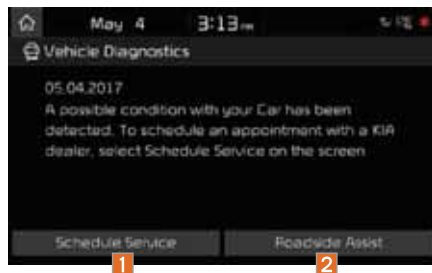
Manual Diagnostics

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. Press **UVO** key ► **Vehicle Diagnostics** .

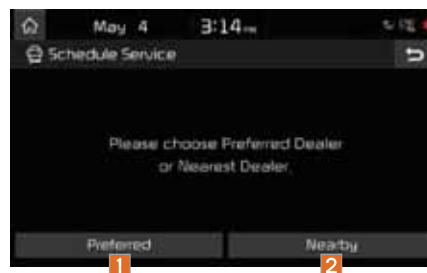


2. Select the desired item.



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.

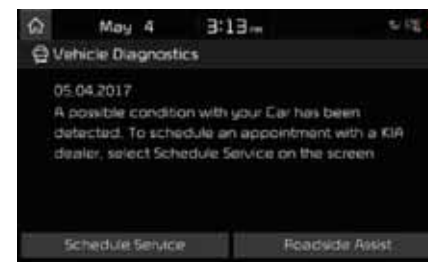
NOTICE

- 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.

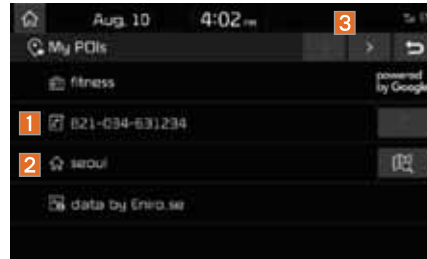
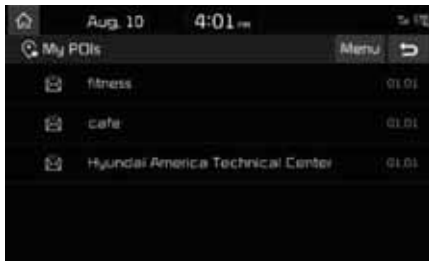
You need to sign up for UVO eServices to use My POIs.

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.



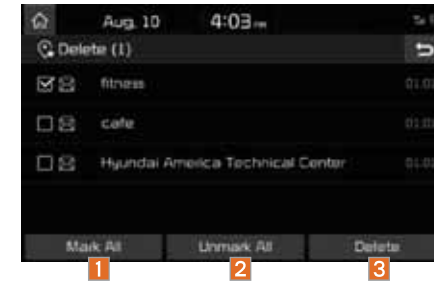
Name	Description
1 Phone Number	If you select Phone Number, a call is made to the phone number.
2 Address	If you select Address, the address is plotted on the on-screen map.
3 [Previous/Next]	Displays the previous/next POI.

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. Press **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

For more details, refer to part 10. Setup ► UVO eServices Settings.



MEMO



part.6 Navigation

Basic Features

Quick Menu

Destination Search

Route Search

Navigation Settings

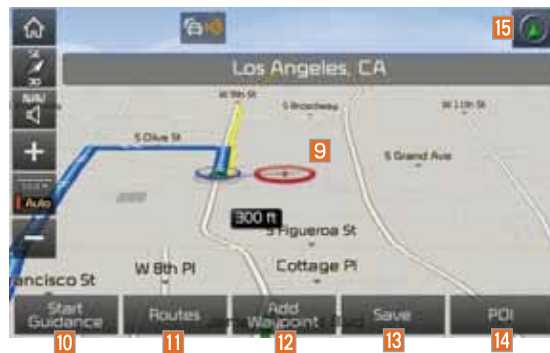
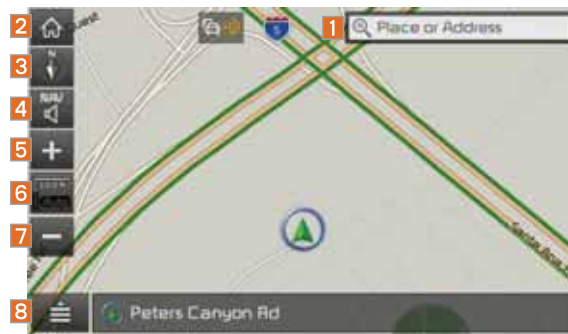
Troubleshooting

Navigation

Basic Features

Operating Navigation Screen

Basic features on the map screen.



	Name	Description
1		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 Menu for destination selection and options.
9		Touch to scroll the map.
10		Start the preferred navigation route to selected location.
11		Choose the preferred navigation route to selected location.
12		Set a waypoint to the current route.
13		Save frequently used address to address book.
14		Find a POI(Point Of Interest) around the current position.
15		View the vehicle's current position on the map screen.

Places

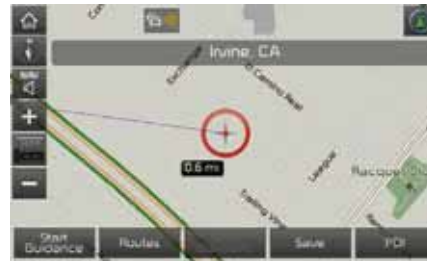


You can use this menu when the vehicle shift lever is in P (Park) and there is no destination set. Press the Search Icon(Place or Address) to move to “Places”.



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

Changing Map View

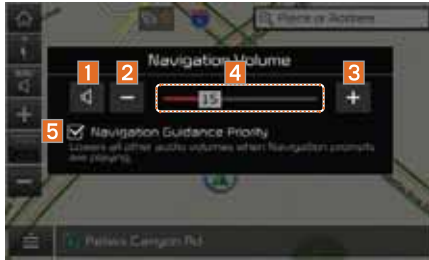


Touch the compass arrow icon to toggle between a map oriented to the North, oriented parallel to the vehicle's heading and 3D View.

Navigation Volume



Select 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	Lowest all other audio volumes when Navigation prompts are playing.

Zoom In/Zoom Out

Zoom the map view screen in and out.



Select **+** 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.

Quick Menu

Route

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



Select the  button to set ,  or .

Route Options



Select your preferred route and avoid options. Then select the  button to save your selection. These options will become default for future routes.

Detour



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



Selected distance is detoured from the current location.

Edit Route



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

Refer to the Route > Editing Route section in the manual for more information (page 6-27).



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

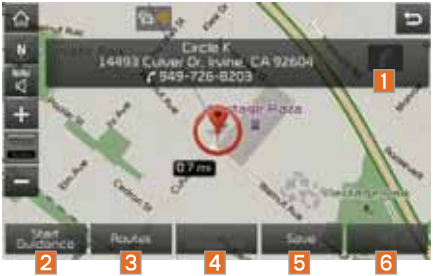


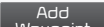
Select ☒ check button to set whether to show nearby POIs or not. When categories are selected, they will appear on the map. (ex. Gas Stations)

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 	Start the preferred navigation route to selected location.
3 	Choose the preferred navigation route to selected location.
4 	Set the location as a waypoint.
5 	Save the location.
6 	Search nearby POIs.

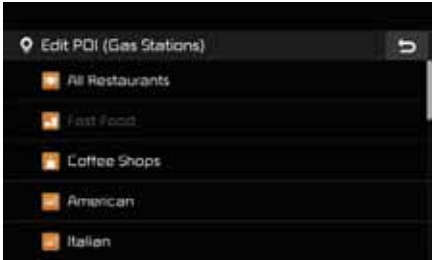
Edit POI



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



Select the desired category to change.
(ex Restaurants)



Select new category to display.
(ex. American)



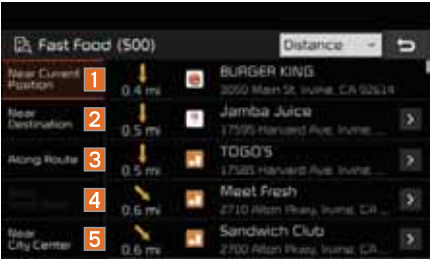
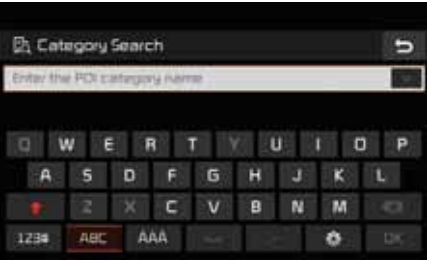
Gas Stations is changed to American .

POI Categories



Select the item to search.

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



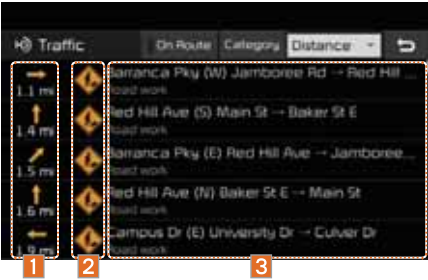
Select the desired POI to check the location and for detailed information.

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

Traffic

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

Traffic List



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

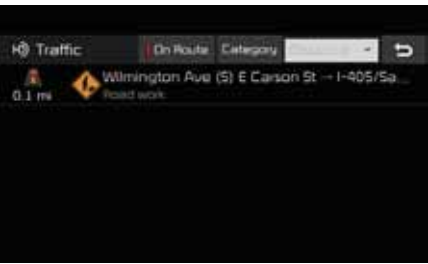
Name	Description
1	Direction from the current location. Distance from the current location (mi or km).
2	Displays traffic info symbol based on the type of event.
3	Description of traffic event.

Additional traffic information may be displayed upon clicking on the  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  is activated, only traffic information on your route is displayed.





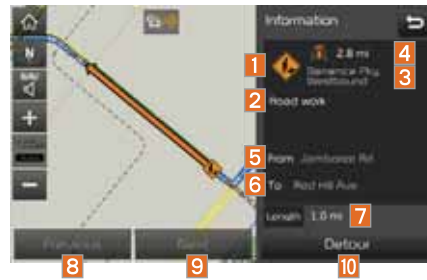
On the traffic list, the current basic traffic/road event information is displayed in order of distance.

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 distance: Display the traffic information in order of distance closer to the current location.
3	Arrangement by category: Display traffic information arranged in order of traffic information event type.

Traffic detail

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



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.

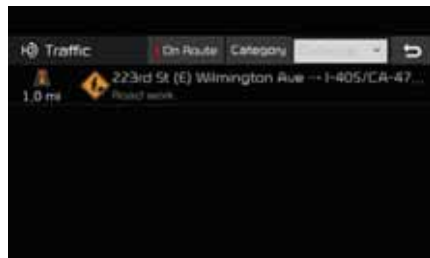
Name	Description
1	Symbol of traffic event.
2	Event name of traffic information.
3	Road name/road number including direction.
4	Direction and distance from the current location.
5	Intersection where traffic event starts.
6	Intersection where traffic event ends.
7	Total distance of traffic event.
8	Check the previous traffic information (Enabled only when there are two or more events on the On Route)
9	Check the next traffic information (Enabled only when there are two or more events on the On Route)
10	Detour the route based on the traffic information.

Traffic detour

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

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

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



Select the desired section.



Check the information and press the  button.



Select the  button to apply the detoured sections and search other routes.

Save

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



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



Name	Description
1	Change the name.
2	Enter the phone number.
3	Press  ,  or  to display on the map screen.
4	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.
5	Save the setting.

Settings

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



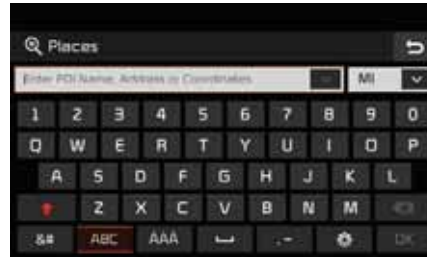
Change navigation settings. For more details, refer to “Navigation Settings” on page 5-29

Destination Search

Places

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

Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select the **Place or Address** Search Bar.



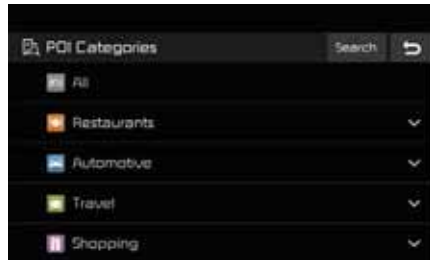
Enter the POI Name, Address and Coordinates of the location you want in the input window above, and press the **OK** button.



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 **NAV** head unit key. ► Select the **Destination** tab. ► Select the **Address** icon.

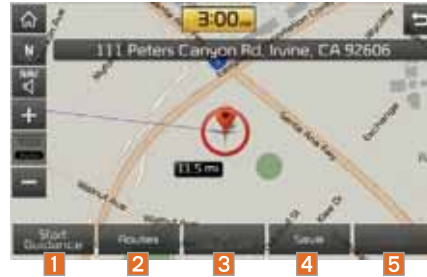


How to Search Address

The screenshot shows the address search interface. Callout 1 points to the 'City' field. Callout 2 points to the 'State' dropdown menu. Callout 3 points to the 'House No.' field. Callout 4 points to the 'Street' field. The interface includes a numeric keypad and a 'Skip' button.

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

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



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

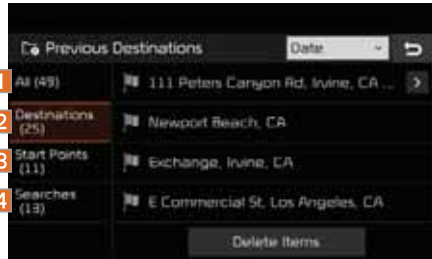
Name	Description
1	Start Guidance
2	Routes
3	Add Waypoint
4	Save
5	POI

Previous Destinations

Select from previously inputted addresses and POIs.

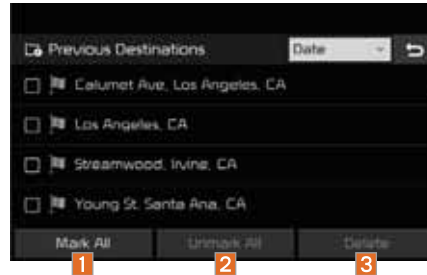
Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select the **Previous Destinations** icon.





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

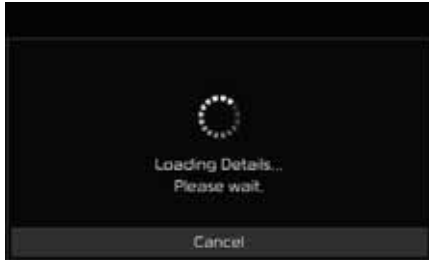
Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select the **Local Search** icon.



Runs Google Local Search.



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



Searching is in progress.



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

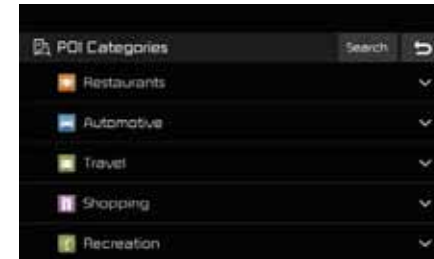


Press the **Start Guidance** button to start guidance.

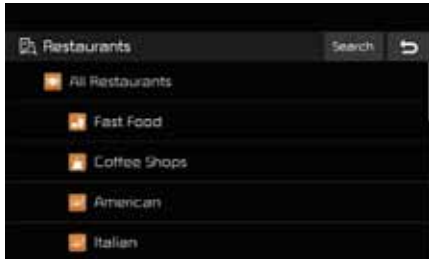
If search or guidance fails, the connection error message is displayed as above. Please try again.

POI Categories

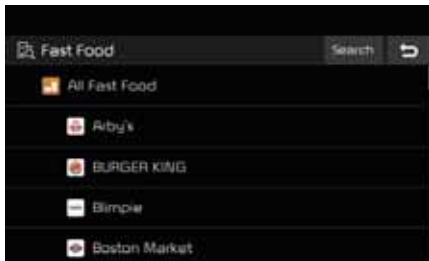
Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select the **POI Categories** icon.



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 **NAV** head unit key. ► Select the **Destination** tab. ► Select the **Charging Stations** icon.



Select the desired destinations among the search items.

Restaurants

Search restaurants.

Press the **NAV** head unit key. ▶ Select the **Destination** tab. ▶ Select the **Restaurants** icon.



Select the desired destination among the searched items.

Emergency

Search emergency facilities.

Press the **NAV** head unit key. ▶ 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

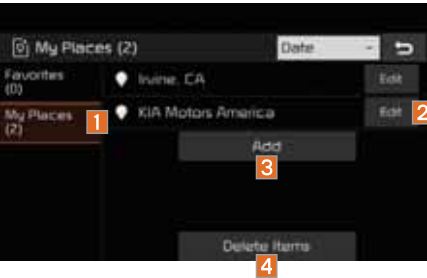
Search the destination with the address book.

Press the **NAV** head unit key. ► 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.

Coordinates

Press the **NAV** head unit key. ► Select the **Destination** tab. ► 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 **OK** button to search.



Press the **Start Guidance** button to start guidance.

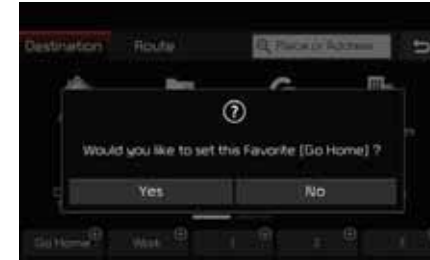
Favorite Places

Set the route using your favorite places.

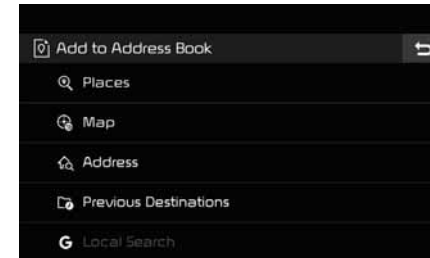
Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select from favorite places.



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, Special 1, Special 2, and Special 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 **Start Guidance**, **Routes**, and **Add Waypoint** appear.

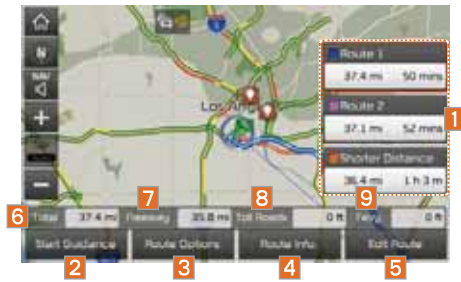
Press the desired button to change a destination or add a waypoint.

Destination Setting



After searching the destination, press the **Start Guidance** button to set the location as a destination.

All Routes



Three routing options are displayed based on real time traffic information and traffic pattern information and shorter distance.

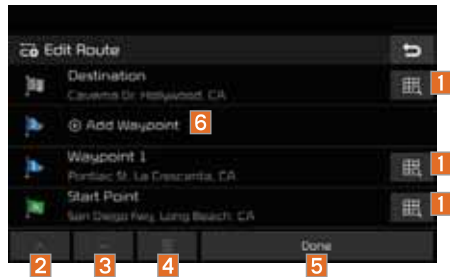
- Route 1: Select the best route based on combine real-time traffic information and traffic pattern data on the map.
- Route 2: Select the best route based on real-time traffic information.
- Shorter Distance: Select short distance, regardless of how fast or slow progress will be calculated.

Name	Description
1	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 Roads	Display length of toll road on the route.
9 Ferry	Display length of Ferry route on the route.

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.

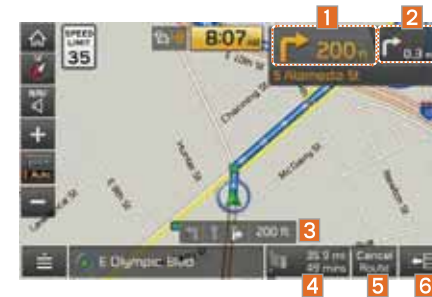


Enter the detailed information of the location to save.

Route Guidance

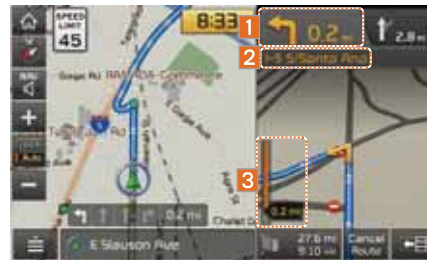
Show route guidance detailed information.

Route Guidance Screen



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 waypoint 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 	Displays the Turn List. Closes 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.

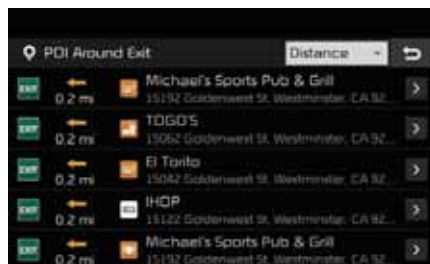


 additional info can be displayed on Freeway.



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

Detailed information for POIs around free-way exit is listed by pressing POI symbols.



Route Search

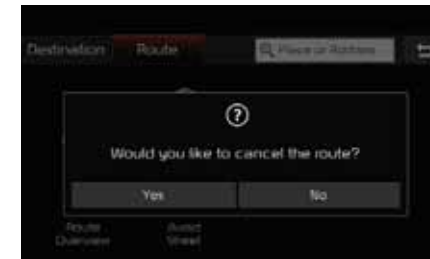
Canceling Route

Cancel the route.

Press the **NAV** head unit key. ► Select the **Route** tab. ► Select **Cancel Route**.



Press the **Cancel Route** icon.



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

Route Options

Press the NAV head unit key. ► Select the Route tab. ► Select Route Options.



Press the Route Options icon.



Determine the route options to guide the route.

Editing Route

Edit the current route.

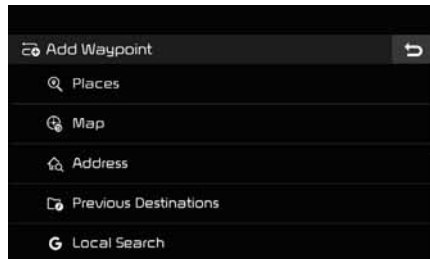
Press the NAV head unit key. ► Select the Route tab. ► Select Edit Route.



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 Done	Press the button to finish editing.
6 Add Waypoint	Press the button to add waypoint.



Add the waypoint through various search-
ing methods.

Display Route Information

Press the **NAV** head unit key. ► Select
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 informa-
tion.

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 NAV head unit key. ▶ Select 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.

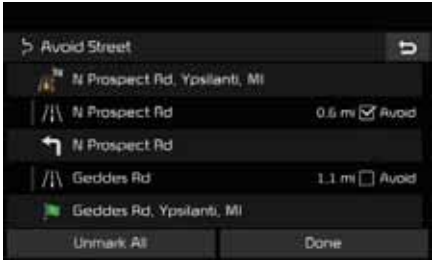
Avoid Street

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

Press the NAV head unit key. ▶ Select the Route tab. ▶ Select Avoid Street .



Press the Avoid Street icon.

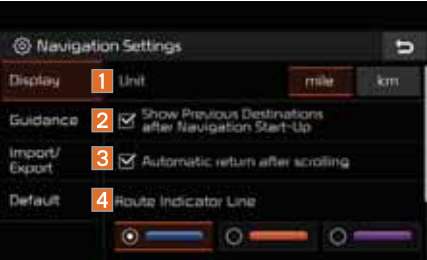


Press the **Done** to plan new route after selecting the street(s) that you want to avoid.

Navigation Settings

Display

Change general settings.



Name	Description
1	Change the unit of mile , km .
2	Press the ☒ button to change the previous destination view setting when starting the navigation.
3	When ☒ button selected, navigation will automatically return to current vehicle position after scrolling through map display.
4	Change the route guidance line colors.
5	Select the ☒ button to display traffic information on the map.
6	Check the GPS information.

GPS Information

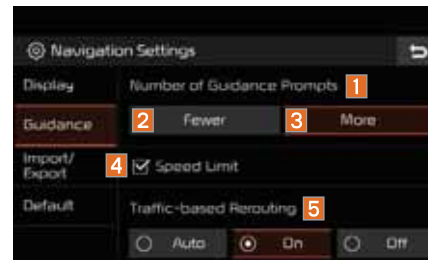


Press the **GPS Information** to display the detail GPS satellites information.

Name	Description
1 Receiving	Active when current position is being calculated.
2 Searching	Active when searching for satellite signal.
3 Location	Display current position of the vehicle.
4 Elevation	Display current elevation of the vehicle.

Guidance

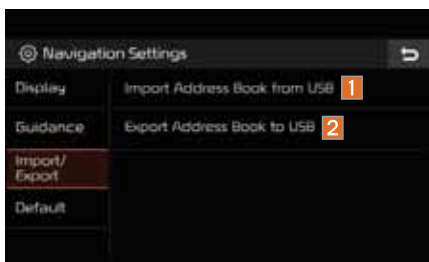
Change the guidance setting.



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 show speed limit by pressing ☒ .
5	Searching faster routes internally using traffic information. • Auto: When set to Auto, during route guidance, faster route is automatically changed to avoid traffic incident. • On: If set to On, faster route pop-up option appears during route guidance. • Off: If set to Off, no faster routes are suggested to avoid traffic incident during route guidance.

Import/Export

In navigation setting screen, press **Import/Export**.
Press the desired category.



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

Default

Reset the Navigation Settings to factory default.



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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MEMO



part.7 Voice Recognition

What is Voice Recognition?

Precautions Required for Successful Voice Recognition

Starting/Ending and Setting Voice Recognition

Voice Recognition Screen Overview

Voice Commands

Siri Eyes Free

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.

Precautions 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 rear view camera is operated
 - 4) The car engine starts or stops
 - 5) A system key, such as **RADIO** key or **MEDIA** key is selected
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) High speed blower from the air vents. Set climate control to blow lower 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 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 understanding 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  key (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.



Skipping Prompt Messages

When you hear the prompt message, press the  key 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 Recognized results	Displays the voice recognition result.
5 User's speaking volume being recognized	Displays the voice command volume in real time.
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.

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 cannot 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 function 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 a 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 > 4.8 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 it takes to convert voice data may vary depending on the number of Contacts downloaded on the phone.

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 <name> directly 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 <name> directly 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 <name> directly 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 <name> directly 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
●	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	Moves to the Route Options menu screen.
●	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
●	FM <87.5 to 107.9>	Tunes to FM <Frequency> according to what you say. e.g.) FM 87.5: FM eighty seven point five
●	SiriusXM <0 to 999>	Tunes to SiriusXM™ Channel <Channel Number> according to what you say. e.g.) SiriusXM 23: SiriusXM Twenty three
●	AM <530 to 1710>	Tunes to AM <Frequency> according to what you say. e.g.) AM 530: AM Five thirty

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 to 4 (One to Four)	When you cannot select a certain name, 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/Next	When four or more searched items are listed, you can move to the previous or next page using a voice command.
○	Manual Input	When Dial entry 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	Shopping		
Ferry Terminals	Department Stores	Kangaroo Express	SuperValu
Bus Stations	Canadian Tire	Murphy Express	Music Stores
Local Transit	Dollar General	Murphy USA	Bookstores
Train Stations	Dollar Tree	Petro Stopping Centers	Barnes & Noble
	Family Dollar	QuikTrip	Electronics Stores
	JCPenney	Rutter's	AT&T
	Kmart	Sunoco Canada	Best Buy
	Kohl's	TravelCenters of America	Future Shop
	Nordstrom	Wawa	GameStop
	Sears	Shopping Centers	Radioshack
	Sears Hometown Store	Office Depot	Sprint
	Target	Grocery Stores	Staples
	T.J. Maxx	Giant Eagle	T-Mobile
	Walmart	Giant Food Stores	OfficeMax
	Convenience Stores	IGA	US Cellular
	7-Eleven	Ingles Markets	Verizon
	ampm	Food Lion	Gift Shops
	BP	Kroger	Sporting Goods Stores
	Circle K	Martin's Food Markets	Dick's Sporting Goods
	Fleetfuels	Meijer	Sports Authority
	GetGo	Publix	Home Specialty Stores
	GTO	Sav-Mor Foods	ABC Fine Wine & Spirits
		Save-A-Lot	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 the 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.

How to use Siri

When you access the Siri screen while pressing and holding  key on the steering wheel, you can select the  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.



part.8 Data Services

HD Radio™ Data

SiriusXM™ Data

Data Services

HD Radio™ Data

About HD Radio™ Data Services

The HD Radio™ Data Service provides users with information such as Weather, Doppler Radar and Traffic by using HD Radio™ Technology.

Accessing HD Radio™ Data

Select the **Data Services** icon after selecting “All Menus” to enter Data Services Mode.



HD Radio™ Weather Information Mode

At the “Data Services” screen, select the **HD Radio Weather** icon to enter the Weather Information mode.

Weather Forecast

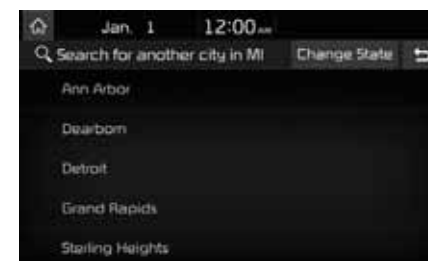
This service provides current weather information and weather forecasts for the next five days in your city.



Other City Option

This service provides access to weather information from other cities.

To change the city, select the **Other City** button and select the desired city. From this screen, there is also an option to change the state by selecting the **Change State** button.



HD Radio™ Doppler Radar

At the “Data Services” screen, select the **HD Radio Doppler Radar** icon to enter the Doppler Radar mode.

Doppler Radar

This service provides Doppler Radar views of the current *HD Radio™ coverage market. This screen will change automatically based on the *HD Radio™ coverage market.

* The HD Radio™ coverage market is the area with the strongest signal at that time.



SiriusXM™ Data

About SiriusXM™ Data Service

The SiriusXM™ Data Service is a paid membership satellite radio service that provides users with information such as Weather, Sports, Stocks, Fuel Prices and Movies.

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

Accessing SiriusXM™ Data

Select the **Data Services** icon after selecting All Menus to enter the Data Services Mode.



SiriusXM™ Weather Announcement

At the “Data Services” screen, select the **SiriusXM 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.



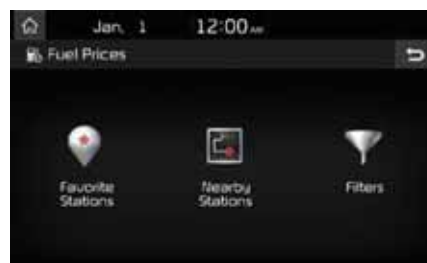
Warnings and Advisories

This service provides weather warnings and advisories, such as tornado, storm, flood, etc.



SiriusXM™ Fuel Price Information

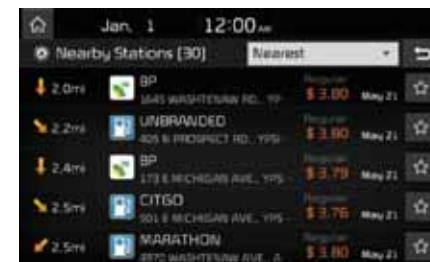
At the “Data Services” screen, select the **SiriusXM Fuel Prices** icon to enter the Fuel Prices Information mode.



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.

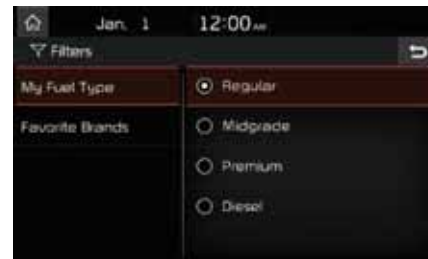


Select the ☆ button to the right of the list to register key locations as a Favorite Station so that you can go there again with the “Favorite Stations” menu.



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 “Data Services” screen, select the SiriusXM 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, select 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

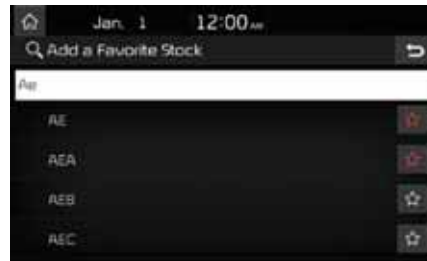
My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Select the **Add** button to move to the stock search screen.



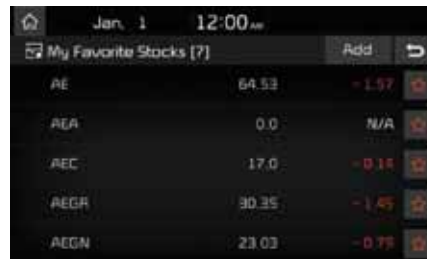
Stock Search

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 **SiriusXM 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.

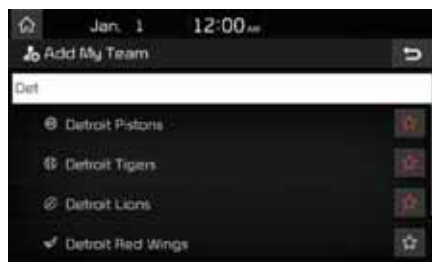
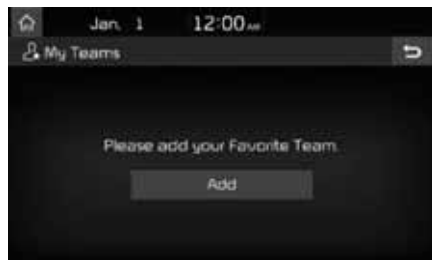


My Teams

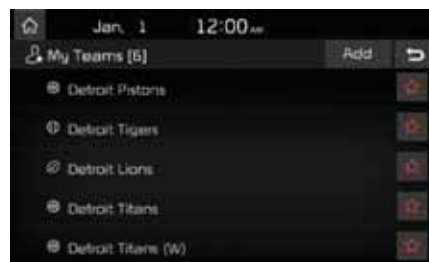
You can save teams which you are interested in as part of My teams to easily view related scores and schedules.

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.



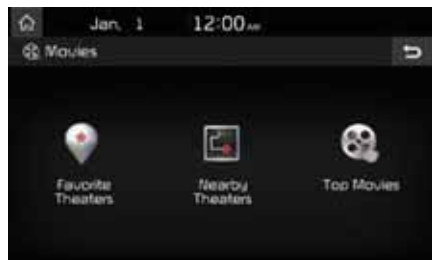
Select the team name to check daily results and recent schedules for that team.



SiriusXM™ Movie Information

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

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



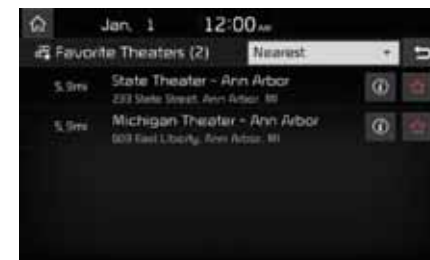
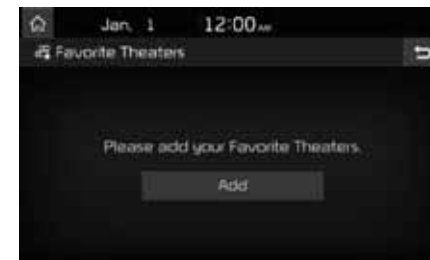
Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters.

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.



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





MEMO



part.9 Other Features

Climate
Camera

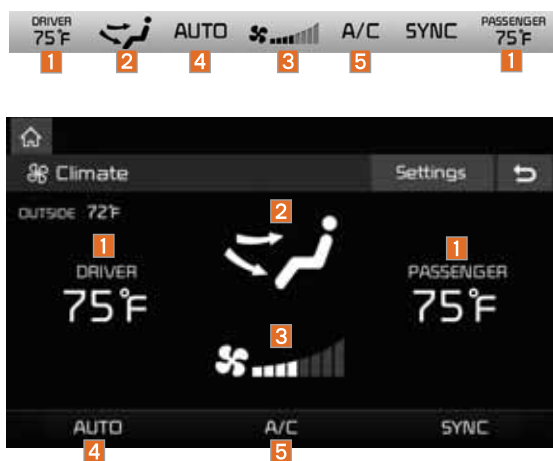
Other Features

Climate

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 temperature can be controlled in increments 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.



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.
7 Outside Temperature	Displays the current temperature outside the vehicle.
8 Settings	Goes to the Climate Settings screen. Smart Ventilation and Auto Defog System can be turned on and off.

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.

NOTICE

- The camera screen shown while the system boots up does not display any text or buttons.
- 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.

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.
- 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.

CAUTION

- Because the 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.



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.



MEMO



part. 10 Setup

- Navigation Settings
 - Sound Settings
 - Display Settings
 - Bluetooth Settings
- UVO eServices Settings
- Phone Projection Settings
- Custom Button Settings
- Voice Recognition Settings
 - Date/Time Settings
 - Language Settings
 - Keyboard Settings
- Screen Saver Settings
- Advanced Settings
- System Info

Setup

Setup is the screen to control Multimedia system settings.

To enter the screen, press the **SETUP** key or the **Setup** icon 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.

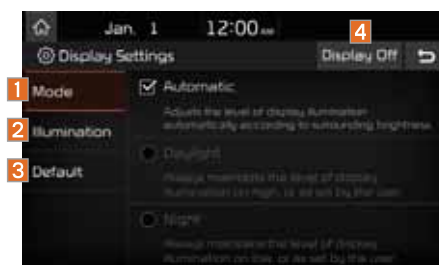
Features	Description
2 Volume Levels	Sets the volume of broadcast, media, ringtone, etc., respectively.
3 Tone	Drag the slide bar to control Bass/Midrange/Treble settings. Select Center to initialize the settings.
4 Priority	Sets the volume ratio when reversing the car, turning on the car's ignition, etc.
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 Default	Resets the sound to factory default settings.
8 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

Adjusts the level of illumination for the entire system.



Features	Description
1 Mode	Select any of LCD illumination change modes: Automatic (changes the level automatically), Daylight, and Night.
2 Illumination	Set the levels of illumination for day and night. Select Default to initialize the settings.
3 Default	Resets the display to factory default settings
4 Display Off	Provides the Display Off (touch activation) function.

Bluetooth Settings

Changes Bluetooth phone settings.

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



Bluetooth Connection

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 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 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 **Default Factory Settings**.

Auto Connection Priority

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

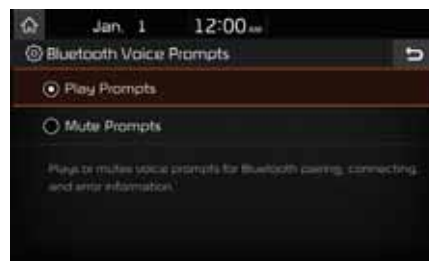


When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.

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

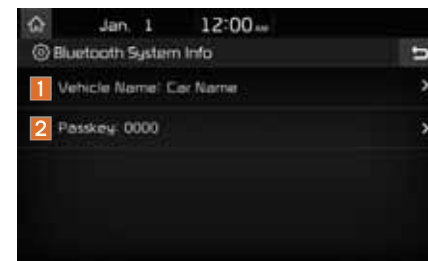
Bluetooth Voice Prompts

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



Bluetooth System Info

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



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.

i Information

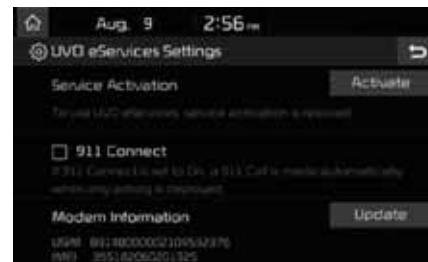
- The vehicle name above is an example. Check the actual information on the product.

UVO eServices Settings

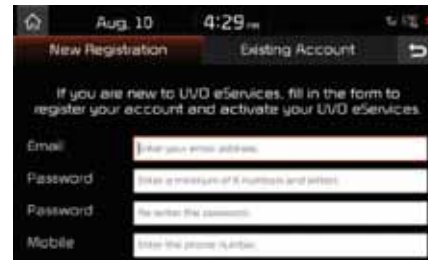
Service Activation (when the service is not activated)

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.

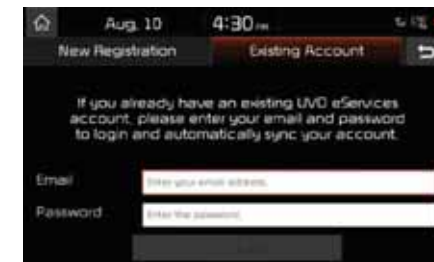
1. Press **UVO** key ► **eServices Settings**
► **Activate**.



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**.

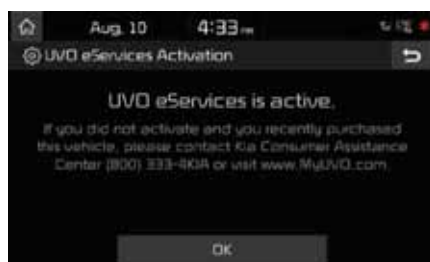


3. Registering for an existing account
: Select the **Existing Account** tab to enter your email address and password. Select **Submit**.



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.

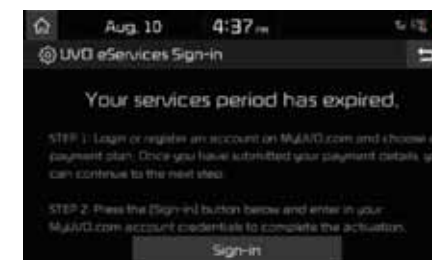
Service Activation (when the service is expired)

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.

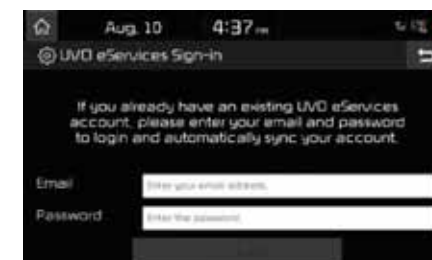
1. Press **UVO** key ► **eServices Settings** ► **Activate**.

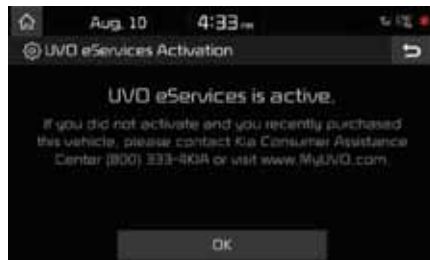
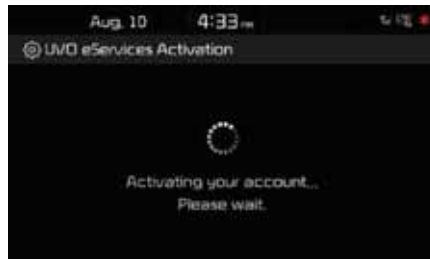


2. Select **Sign-in**.



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

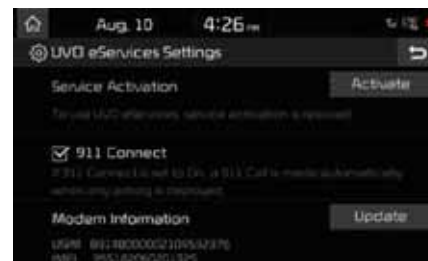




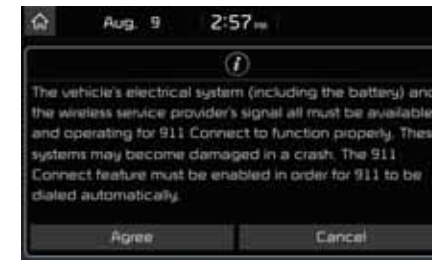
911 Connect

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. Press **UVO** key ► **eServices Settings**.
2. Select or deselect the check box next to **911 Connect** to turn on or off the 911 Connect feature.



3. After you select the check box, 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.



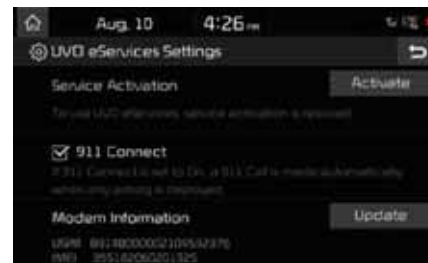
NOTICE

- 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.

Press **UVO** key ► **eServices Settings**.

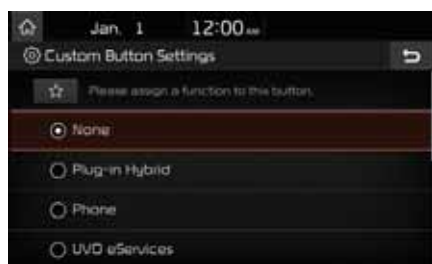


Phone Projection Settings

For more details, refer to Phone Projection guide.

Custom Button Settings

You can choose the feature to be accessed when the  key is pressed.

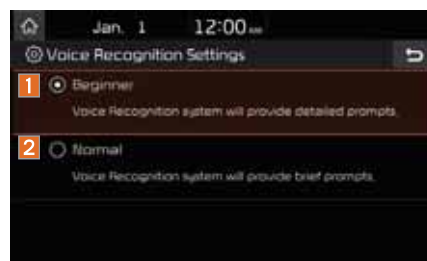


Setting it to a feature that you frequently use will allow you to access the feature quickly and conveniently anytime.

For example, setting it to  will enable you to access the My Menu screen by pressing the  key.

Voice Recognition Settings

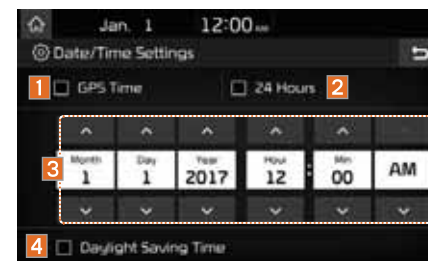
Configure how to make a call with Voice Recognition Guidance and Voice Recognition.



Features	Description
1 Beginner	For beginners, the voice recognition system provides voice prompts.
2 Normal	For normal users, the voice recognition system provides simple and short voice guidances.

Date/Time Settings

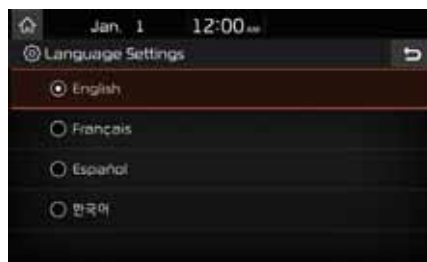
Configure the settings for time and date. Using the arrow buttons, you can change the values. Date/Time settings do not automatically change when crossing into different time zones. The time must be changed manually on this screen.



Features	Description
1 GPS Time	The time display is set in GPS Time.
2 24 Hours	The time display is set in 24-hour format.
3 Direct entry	If you tap any value, you can directly enter the number in the following screen.
4 Daylight Saving Time	The daylight saving time (DST) is applied.

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 voice recognition does not support some languages.

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.

Screen Saver Settings

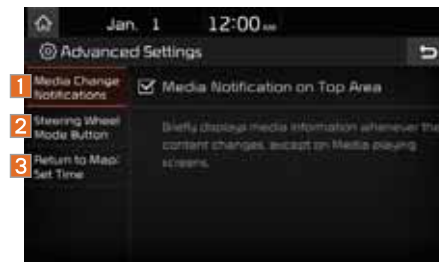
You can select any of the following screen formats to be displayed when the screen or power is turned off (press and hold the Power button).

- Digital clock and date
- Analog clock and date
- None



Advanced Settings

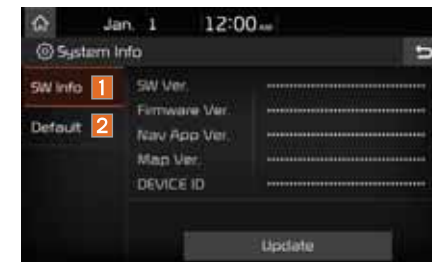
Sets alerts per function if desired by the user.



Features	Description
1 Media Change Notifications	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 Wheel 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: Set Time	Sets the time after which the screen will return to the map screen from the broadcast/music playback screen.

System Info

System version information and update details are available.



Features	Description
1 SW Info	Select the Update button to update the system.
2 Default	When Default is selected, the settings are changed to factory defaults.

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 and additional functions, 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.
 - When **Default** is selected, it may delete all of the data and settings so be cautious of your action.
-



MEMO



part. 11 **Appendix**

- Product Specification
- Troubleshooting
- FAQ

Appendix

Product Specification

TFT-LCD

Screen Size	8 inch (176.4 X 99.36 mm)
Resolution	384000 pixels (Resolution: 800 x 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 to 107.9 MHz(Step: 200 kHz)
	AM: 530 kHz to 1710 kHz(Step: 10 kHz)
Sensitivity	FM: Under 10 dBuV/AM: Under 35 dBu EMF
Distortion Factor	Within 2 %

Common

Power Supply	DC 14.4 V	Operating Power	DC 9 V to DC 16 V
Sleep Current	• 1 mA or less (after 96 hours with ACC OFF) • 10 mA or less (before 96 hours with ACC OFF)		
Operating Temperature	-20 to +70 °C (-4 to +158 °F)	Storage Temperature	-30 to +80 °C (-22 to +176 °F)
Dimensions	178 X 140.2 X 60 mm (Main BOX)		
Current Consumption	2.5 A	Weight	1.945 kg

MODEM RF SPEC

LTE	RX	Frequency	2110MHz~2155MHz(B4), 746MHz~756MHz(B13)
		Sensitivity	-96.3dBm under@10M(B4), -93.3dBm under@10M(B13) (Throughput ≥95%)
	TX	Frequency	1710MHz~1755MHz(B4), 777MHz~787MHz(B13)
		Max RF Output Power	Power Class3(B4, B13), 20.3dBm ~ 25.7dBm (conducted)
CDMA	RX	Frequency	869MHz~894MHz(BC0), 1930MHz~1990MHz(BC1)
		Sensitivity	-104dBm under (FER = 0.5% under)
	TX	Frequency	824MHz~849MHz(BC0), 1850MHz~1910MHz(BC1)
		Max RF Output Power	Power Class3(BC0), Power Class2(BC1), 23.01dBm ~ 30dBm(conducted)

Bluetooth® Wireless Technology

Frequency Range	2402 to 2480 MHz	Supported Bluetooth® Specification	3.0
Supported Profile	Handsfree(1.6), A2DP(1.2), AVRCP(1.4), PBAP(1.0)		
Bluetooth Power Class 2	-6 to 4 dBm		
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 Kia dealer
	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 Kia dealer

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	• The sound may be short-circuited and the image distorted if the device vibrates
	• Image color/tone quality is low	• The device will return to normal once vibrations stop

Problem	Possible Cause	Countermeasure
The USB does not work	• USB memory is damaged	• Please use the USB after formatting it.
	• USB memory has been contaminated	• Remove any foreign substances on the contact surface of the USB memory and multimedia terminal
	• A separately purchased USB HUB is being used	• Directly connect the USB memory with the multimedia terminal on the vehicle
	• A USB extension cable is being used	• Directly connect the USB memory with the multimedia terminal on the vehicle
	• A USB which is not a Metal Cover Type USB Memory is being used	• Use standard USB Memory
	• An HDD type, CF, SD Memory is being used	• Use standard USB Memory
	• There are no music files which can be played	• Only MP3, WMA file formats are supported. Please use only the supported music file formats

Problem	Possible Cause	Countermeasure
The iPod is not recognized even though it has been connected	• There are no titles which can be played	• Use iTunes to download and save MP3 files into the iPod
	• The iPod firmware version has not been properly updated	• Use iTunes to update the firmware version and reconnect the iPod with the device
	• The iPod device does not recognize downloads	• Reset the iPod and reconnect with the device
Bluetooth does not work or its limited functions are available	• Bluetooth on your mobile phone is set to OFF	• Set it to ON
	• The Bluetooth connection is not made	• 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 second). 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 **Accept** button on the screen or the  key on the steering wheel control.

To reject the call, select the **Reject** 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 **Use Private** button at the bottom of the Phone screen to switch the call to your mobile phone.

About *Bluetooth*[®] Wireless Technology/ Multimedia System 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.

Index

0~9

911 Connect 10-8

A

About Bluetooth® Wireless
Technology/Multimedia System
Use Environment..... 11-8

About HD Radio™ Data
Services 8-2

About Making/Answering Phone
Calls 11-8

About Pairing Mobile Phones..... 11-7

About SiriusXM™ Data Service..... 8-3

Accept/Reject Call 4-10

Accessing HD Radio™ Data 8-2

Accessing SiriusXM™ Data 8-3

Address 6-14

Address Book 6-20

Adjusting Voice Recognition
Volume 7-5

Advanced Settings 10-12

Auto Connection Priority..... 10-5

AUX 3-24

Avoid Street 6-29

B

Basic Features..... 6-2

Basic Mode Screen..... 9-2

Battery Information 2-4

Battery Warning Message 1-9

Before Playing a USB MP3 3-11

Before Using the Bluetooth®
Handsfree 4-2

Before using UVO eServices 5-4

Bluetooth® Audio 3-25

Bluetooth Connection 3-26, 4-4, 10-4

Bluetooth Phone 4-6

Bluetooth Settings 10-3

Bluetooth System Info..... 10-5

Bluetooth Voice Prompts 10-5

C

Call Commands 7-8

Call History 4-7

Camera 9-4

Canceling Route 6-26

CAUTIONS upon Connecting
Bluetooth® Phone 4-3

Changing Map View 6-3

Charging Current..... 2-10

Charging Settings 2-7

Charging Stations 6-18

Climate..... 9-2

Combining Voice Recognition with
On-Screen Commands 7-3

Component Names and
Functions 1-4

Connecting an External Device 3-24

Connecting Bluetooth Devices 4-4

Contacts 4-8

Coordinates 6-20

Custom Button Settings 10-10

D

Date/Time Settings	10-10
Default	6-32
Deleting Bluetooth Devices	4-5
Destination Search	6-13
Dial	4-9
Direct Tune	3-8
Disconnecting Bluetooth Devices ...	4-5
Display	6-30
Display Route Information	6-28
Display Settings	10-3
Driving Status of Hybrid Vehicle	2-5

E

ECO Driving.....	2-3, 2-9
ECO Level	2-3
Editing Route	6-27
Electric Charging Stations	2-8
Emergency	6-19
Ending Voice Recognition	7-3
Energy Flow.....	2-5
Energy Information	2-4, 2-9
eServices Guide	5-9

EV Range	2-7
Extending the Listening Time	7-4

F

FAQ	11-7
Favorite Places	6-21
Favorites	4-8
“Find <POI>” List	7-12
FM/AM	3-2
Fuel Economy	2-3

G

Gas Stations	2-9
Getting Started with UVO	
eServices	5-5
Guidance	6-31

H

HD Radio™	3-5
HD Radio™ Data	8-2
HD Radio™ Doppler Radar	8-3
HD Radio™ Technology	3-4
HD Radio™ Weather Information Mode	8-2
Head Unit	1-4
Help Display.....	7-6
History	2-4
Home Screen	1-10
How to start Siri	7-18
How to use Siri	7-18

I

Import/Export	6-32
Instructions for Using Voice Recognition	7-7
iPod	3-17, 3-21

K

Keyboard Settings 10-11

L

Language Settings 10-11

Local Search 6-16

M

Map Display 6-6

Map Scale 6-4

Menu screen for Plug-in Hybrid
mode 2-2

Modem Information 10-9

My POIs 5-8

N

Navigation Commands 7-9

Navigation Settings 6-30, 10-2

Navigation Volume 6-3

O

On-Screen Touch Controls 1-11

Operating Navigation Screen 6-2

Other Commands List
(Commands used in List/Help) 7-11

P

Pairing a New Device 4-4

PHEV Settings 2-9

Phone Projection Settings 10-9

Phone Status Icons 4-6

Places 6-3, 6-13

POI 6-6

POI Categories 6-17

Precautions for Safe Driving 4-2

Precautions Required for
Successful Voice Recognition 7-2

Previous Destinations 6-15

Product Specification 11-2

Q

Quick Menu 6-5

R

Radio Commands 7-11

Rear view mirror key function 5-2

Regarding the TX and RX of
radio 5-4

Restaurants 6-19

Restrictions on Features for
Safety Measures 1-9

Roadside Assist 5-6

Route 6-5

Route Guidance 6-24

Route Options 6-27

Route Overview 6-29

Route Search 6-26

Route Setting 6-22

S

Save 6-12

Screen Saver Settings 10-12

Selecting through Channel/
Category List 3-8

Service Activation (when the
service is expired) 10-7

Service Activation (when the service is not activated)	10-6
Settings	6-12
Siri Eyes Free	7-18
SiriusXM™	3-6
SiriusXM™ Data	8-3
SiriusXM™ Fuel Price Information	8-4
SiriusXM™ Movie Information	8-8
SiriusXM™ Sports Information	8-6
SiriusXM™ Stock Information	8-5
SiriusXM™ Weather Announcement	8-3
Skipping Prompt Messages	7-5
Sound Settings	10-2
Start Screen.....	7-6
Starting Plug-in Hybrid mode	2-2
Starting the System for the First Time	1-8
Starting Voice Recognition	7-3
Starting/Ending and Setting Voice Recognition	7-3
Steering Wheel Controls.....	1-6
Steering-linked camera	9-5

Supported USB music specifications	3-13
System Info	10-12
System Reset	1-8
System Update	10-13

T

Traffic	6-9
Troubleshooting	6-33, 11-4
Turning the System On/Off	1-8
Types of Commands	7-8

U

USB	3-11
USB Music	3-14
Using iPod Devices	3-17
Using the Menu During a Phone Call	4-10
UVO eServices Settings.....	5-9, 10-6
UVO eServices Voice Local Search	5-3

V

Vehicle Diagnostics	5-6, 5-7
Viewing Menu	3-8
Voice Commands	7-8
Voice Recognition Screen Overview	7-6
Voice Recognition Settings.....	10-10

W

Warnings and Cautions	1-2
What is Bluetooth® Wireless Technology?	4-2
What is Telematics?	5-4
What is UVO eServices?	5-4
What is UVO eServices Voice Local Search?	5-3
What is Voice Recognition?	7-2

Z

Zoom In/Zoom Out	6-4
------------------------	-----

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 as you may 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.





MEMO

MEMO





MEMO

MEMO





MEMO



G5MS7-BD010

CAR MULTIMEDIA SYSTEM QUICK REFERENCE GUIDE

G5EUH09
(영어 | 미국) 표준5세대

niro plug-in hybrid



The Power to Surprise

Thank you for purchasing this multimedia system.

This user's manual explains how to use the Kia 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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- SiriusXM service requires a subscription, sold separately, after 3-month trial included with vehicle purchase. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call Sirius XM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. Programming subject to change. Sirius satellite service is available only to those at least 18 and older in the 48 contiguous USA, D.C., and PR (with coverage limitations). Traffic information not available in all markets. See siriusxm.com/traffic for details. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

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.
- At launch, the Apple iPhone® will be the only UVO eServices compatible device. iPhone® is a registered trademark of Apple Inc.
- 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.

Table of Contents

Controls and Functions.....	2
On-Screen Touch Controls.....	6
Home Screen.....	7
FM/AM.....	9
HD Radio™ Technology.....	11
SiriusXM™.....	12
USB.....	15
Bluetooth.....	17
Voice Recognition.....	22
FAQ.....	33
Navigation.....	35

Controls and Functions

Head Unit



Name		Description
1	PWR/ VOL	- When power is off, press to turn power on. - When power is on, press and hold (over 0.8 seconds) to turn the power off. - When power is on, press quickly (less than 0.8 seconds) to turn Audio off. - Turn left/right to adjust the volume.
2	RADIO	Selects FM/AM/SiriusXM™ mode Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → FM.
3	MEDIA	Selects MEDIA mode. If the media is not connected MEDIA mode will not be activated.
4	↓ SEEK TRACK ↑	When the key is pressed quickly (less than 0.8 seconds), - FM/AM mode: Plays the previous/next frequency. - SiriusXM™ mode: Changes the channel. - MEDIA mode: Changes the track, file or title (except for AUX). When the key is pressed and held (over 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. - MEDIA mode: Rewinds or fast forwards the track or file (except for AUX and Bluetooth Audio).



Name		Description
5	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted)
6		SD Card insert slot
7	MAP	Displays the map for the current position.
8	NAV	Takes you to the menu screen where you can find your destination and set the route.
9		Moves to the function set by the user.
10	SETUP	Moves to the Setup screen.
11	 TUNE	- FM/AM mode: Changes the frequency. - SiriusXM™ mode: Changes the channel. - MEDIA mode: Changes the track, file or title (except for AUX and Bluetooth Audio).

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

Controls and Functions

Steering Wheel Controls



Name	Description
1 	When the key is pressed quickly (less than 0.8 seconds), • Activates voice recognition. When the key is pressed and held (over 0.8 seconds), • Ends voice recognition. • If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free.
2 	• Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → USB or iPod → AUX → Bluetooth Audio → FM •  You can select which mode to use in Advanced settings. • If the media is not connected, the corresponding modes will be disabled • Press and hold (over 0.8 seconds) to turn the Audio system on/off • When power is off, press button to turn power back on
3 	Use to adjust the volume of audio or call.
	Mutes the audio. (Media will be paused in some media modes.) Mutes the microphone during a call.
4 	When the key is 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 mode: changes the track, file or title (except for AUX) When the key is pressed and held (over 0.8 seconds), • FM/AM mode: automatically searches broadcast frequencies • SiriusXM™ mode: automatically searches broadcast channels • MEDIA mode: quickly looks up songs (except for AUX and Bluetooth Audio)



Name		Description
5		When the key is pressed quickly (less than 0.8 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 the key is pressed and held (over 0.8 seconds), • When pressed in Bluetooth® Hands-free, redials the last dialed call • When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private) • When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected)
6		• When pressed during a call, ends the phone call • When pressed in the incoming call screen, rejects the call

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

On-Screen Touch Controls

Learn how to touch the screen to operate the system.

Select

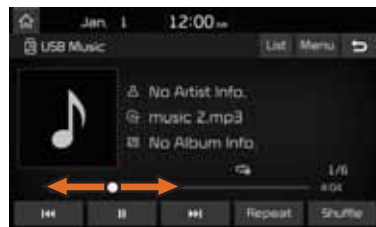
Tap lightly on a menu or an item to select it.

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.

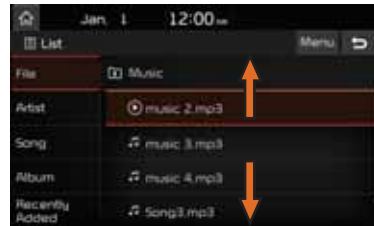
Drag & Drop

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

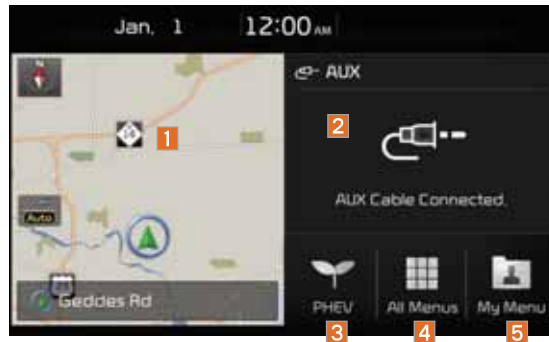
Selecting and holding the  or  buttons in the music player will rewind or fast forward the music.



Home Screen

Controls Menu Configuration for the Home Screen

Tap the  icon on any screen to display the Home Screen below.



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 or media that is now playing. - Tap the area to move to the mode that 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	Add your favorite menus to have quick and easy access to them.

Home Screen

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.

Icon	Description
	Displayed when the audio is muted.
	Displayed when the navigation sound is muted.
	Displays the remaining battery of the Bluetooth phone.
	Displayed when connected to Bluetooth for handsfree.
	Displayed when connected to Bluetooth for streaming audio.
	Displayed when connected to Bluetooth for streaming audio and handsfree.
	Displayed when downloading contacts or recent calls from the Bluetooth phone.
	Displayed while on a call with the Bluetooth phone.
	Displayed when the microphone of the Bluetooth or UVO phone is muted.
	Displays the signal strength of the Bluetooth phone.
	Displays the signal strength of the UVO.
	Displayed when 911 connect is available.
	Displays when using 2G/LTE data.

FM/AM

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



Features	Description
1 Preset Frequencies	- The stored preset frequencies are displayed for user selection. - After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button. - Flick the preset frequencies up/down to scroll quickly through presets.
2 Frequency	Displays the current frequency.
3 Presets	Shows the stored presets for user selection.
4 Menu	- Station List: Moves to the station list. - Info: Turns the Radio text information transmitted from the broadcasting station on and off. - Sound Settings: Moves to the Sound Settings.
5 Band	Changes to the desired band from among FM, AM, and SiriusXM™.
6 HD Radio	Used to set whether to turn HD Radio™ reception On or Off.
7 Scan	Shortly plays the broadcasts for the frequencies with superior reception for 5 seconds per item.

FM/AM



Features	Description
8 SEEK/ TRACK	• When the key is pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency. • When the key is pressed and held (over 0.8 seconds): Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency.
9 TUNE	Turn the  TUNE knob to manually seek available frequencies.

HD Radio™ Technology

HD Radio™



Features	Description
1 HD Radio™ Reception & Channel buttons	Displays main HD Radio™ channels and used to directly select the current available channels. i The HD Radio™ related icon display becomes active within regions where an HD Radio™ signal can be received.
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™ band from the radio player.



i Information

- 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 Preset Frequencies	• Shows the stored presets for user selection. • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button.
2 Channel Logo	Displays the current channel logo.
3 Channel Info	Displays the current channel number and name.
4 Content Info	Displays the artist, title and other information about the current playing song.
5 Category Info	Displays the category of the currently playing song.
6 Band	Changes to the desired band from among FM, AM, and SiriusXM™.
7 Direct Tune	Used to search for the desired channel by entering the channel number.
8 Scan	Plays all receivable channels for 5 seconds per item.
9 Play Live	Switches to the live broadcast mode.



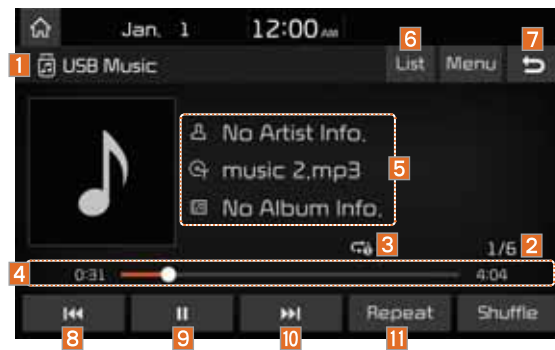
Features	Description
10 Skip Backward	Repeats the previously broadcasted program. - Holding for less than 0.8 seconds: Moves to the previous segment. - Holding for more than 0.8 seconds: Moves to the previous 5 seconds.
11 Play/Pause	Pauses/plays the current broadcasting program.
12 Skip Forward	Moves to the next segment.
13 Weak Signal	Displays the weak radio reception.
14 Presets	Shows the stored presets for user selection.
15 Channel List	Moves to the channel list.
16 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.) - Sound Settings: Moves to the Sound Settings.

SiriusXM™



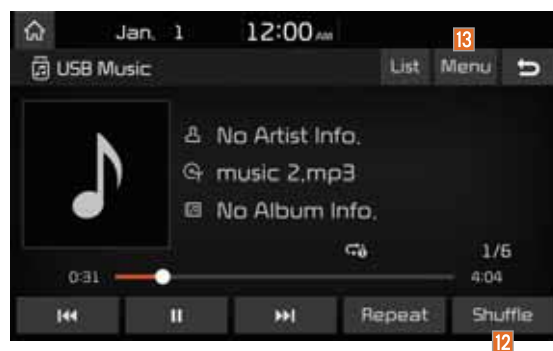
Features	Description
17 SEEK/TRACK	• When the key is pressed quickly (less than 0.8 seconds): Plays the previous/next channel. • When the key is pressed and held (over 0.8 seconds): Continuously changes the channel until the key is released and plays the current channel.
18 TUNE	Changes the channel.

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	From Repeat/Shuffle, displays the current 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
7 Back Button	Converts to basic mode screen
8 Previous File	- If the button is selected (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 over 3 seconds, play the current file from the beginning - If the button is selected (over 0.8 seconds) it rewinds the track
9 Play/Pause	Plays/pauses the current file
10 Next File	- If the button is selected (less than 0.8 seconds): Moves to the next file. - If the button is selected (over 0.8 seconds): It fast-forwards the track.
11 Repeat	Repeats the current file. - If select the file in the file tab on the list screen: select this button to switch between repeating the current file, repeating folder, and repeating all files. - If select the file in the other tabs on the list screen: select this button to switch between repeating the current file and repeating all files.

USB



Features	Description
12 Shuffle	Plays files in random order. - If select the files in the file tab on the list screen: select this button to switch between shuffle folder, shuffle all, and turning off. - If select the file in the other tabs on the list screen: select this button to switch between shuffle category and turning shuffle off.
13 Menu	- Hide Current File: a selected file can be deleted. Deleted file can be found in the "Hidden_" folder. <i>i</i> This function is only supported when USB format is compatible with FAT16 or FAT32. - Sound Settings: Moves to the Sound Settings.
14 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, select the TUNE knob to play the track. <i>i</i> If you do not anything with the TUNE knob for 5 seconds of searching tracks, the track info for the current track is restored.

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  key on 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. ► 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.

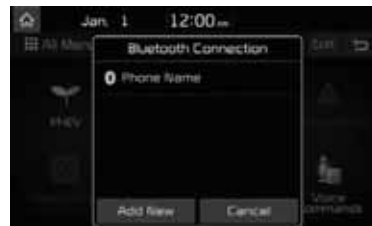
The vehicle name above is an example. Check the actual information on the product.

Connecting Bluetooth Devices

Connects the Bluetooth devices that you add.

Connecting Devices by Selecting Phone/Call

Press the  key on the steering wheel control. ► Select the name of the device to connect. ► Connect Bluetooth.



Bluetooth

Connecting Devices Through the Phone Settings

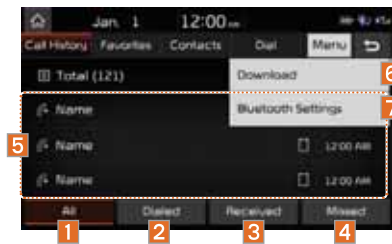
Press the **SETUP** key. ▶ Select **Bluetooth**. ▶ Select **Bluetooth Connection**.
▶ Select the name of the device to connect. ▶ Connect Bluetooth.



Bluetooth Phone

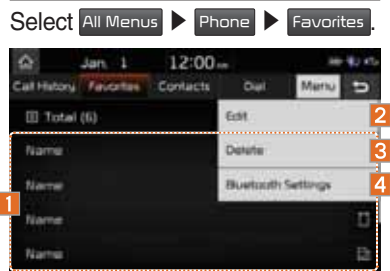
Call History

Select **All Menus** ▶ **Phone** ▶ **Call History**.



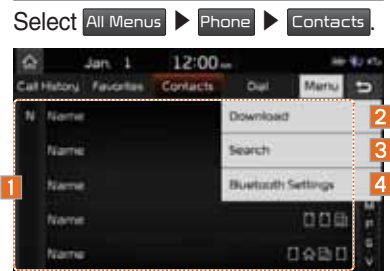
Name	Description
1 All	Lists the all call history.
2 Dialed	Lists the calls that you made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls you missed.
5 Call History	Displays all of your call history. Select from the list to dial the number.
6 Download	Downloads the call history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

Favorites



Name	Description
1 Favorites	Lists the phone numbers saved as Favorites. Select from the list to dial the number.
2 Edit	Add or delete numbers from favorites.
3 Delete	Deletes numbers that you select from Favorites.
4 Bluetooth Settings	Moves to a screen of Bluetooth Settings.

Contacts



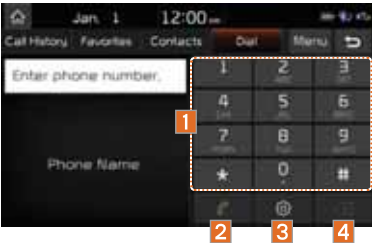
Name	Description
1 Contacts List	The list of Contacts. Select from the list to dial the number.
2 Download	Downloads contacts from your mobile phone.
3 Search	Searches Contacts.
4 Bluetooth Settings	Moves to a screen of Bluetooth Settings.

Bluetooth

Dial

Dials a call after the Bluetooth devices are connected.

Select **All Menus** from Home Screen display ► **Phone** ► **Dial**.

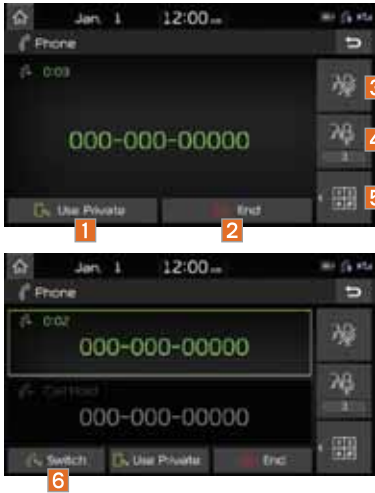


Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Select and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone
2 Call	Makes a call after you dial a number and select Call . If the number is listed in Dialed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

i Information

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

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 Mute	Mutes the microphone during a call.
4 Outgoing Volume	Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 to 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.

Voice Recognition

Precautions 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 rear view camera is operated
 - 4) The car engine starts or stops
 - 5) A system key, such as **RADIO** key or **MEDIA** key is selected
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) High speed blower from the air vents. Set climate control to blow lower 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 to end voice recognition.
2. Press and hold (more than 0.8 seconds) the  key on the steering wheel control to end voice recognition.



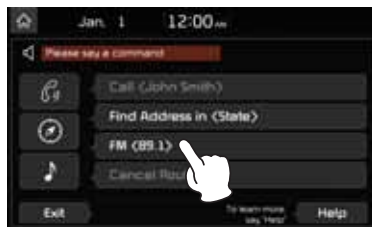
Voice Recognition

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 understanding 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.



Skipping Prompt Messages

When you hear the prompt message, press the  key 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.

i Information

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



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

Voice Recognition

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 function 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 a 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 it takes to convert voice data may vary depending on the number of Contacts downloaded on the phone.

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 <name> directly 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 <name> directly 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 <name> directly 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 <name> directly 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
●	Change Bluetooth Device	You can switch your Bluetooth connection to another paired device.

Voice Recognition

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"
●	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	Moves to the Route Options menu screen.
●	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.
●	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.

Voice Recognition

Radio Commands

Command		Operation
●	FM <87.5 to 107.9>	Tunes to FM <Frequency> according to what you say. e.g.) FM 87.5: FM eighty seven point five
●	SiriusXM <0 to 999>	Tunes to SiriusXM™ Channel <Channel Number> according to what you say. e.g.) SiriusXM 23: SiriusXM Twenty three
●	AM <530 to 1710>	Tunes to AM <Frequency> according to what you say. e.g.) AM 530: AM Five thirty

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 to 4 (One to Four)	When you cannot select a certain name, 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/Next	When four or more searched items are listed, you can move to the previous or next page using a voice command.
○	Manual Input	When Dial entry 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.

Voice Recognition

Siri Eyes Free

How to start Siri

If you want to use Siri, you have to connect your iOS device to the 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.

How to use Siri

When you access the Siri screen while pressing and holding  key on the steering wheel, you can select the  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.
-

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.

FAQ

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 **Accept** button on the screen or the  key on the steering wheel control. To reject the call, select the **Reject** 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 **Use Private** button at the bottom of the Phone screen to switch the call to your mobile phone.

About *Bluetooth*® Wireless Technology/ Multimedia System 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.

Navigation

Basic Features

Operating Navigation Screen

Basic features on the map screen.



Name	Description
1	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 Menu for destination selection and options.
9	Touch to scroll the map.
10	Start the preferred navigation route to selected location.
11	Choose the preferred navigation route to selected location.
12	Set a waypoint to the current route.
13	Save frequently used address to address book.
14	Find a POI(Point Of Interest) around the current position.
15	View the vehicle's current position on the map screen.

Navigation

Places



You can use this menu when the vehicle shift lever is in P (Park) and there is no destination set. Press the Search Icon(Place or Address) to move to “Places”.



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

Changing Map View

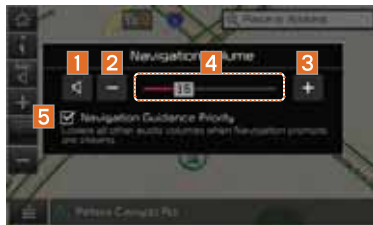


Touch the compass arrow icon to toggle between a map oriented to the North, oriented parallel to the vehicle's heading and 3D View.

Navigation Volume



Select 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	Lowers all other audio volumes when Navigation prompts are playing.

Zoom In/Zoom Out

Zoom the map view screen in and out.



Select  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.

Navigation

Quick Menu

Route

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



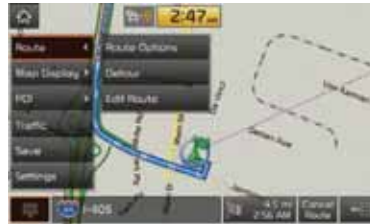
Select the **Route** button to set **Route Options**, **Detour** or **Edit Route**.

Route Options



Select your preferred route and avoid options. Then select the **Recalculate** button to save your selection. These options will become default for future routes.

Detour



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



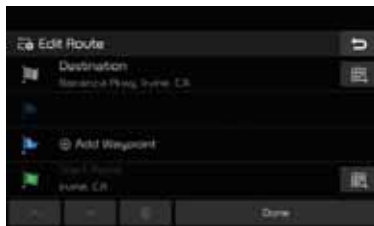
Selected distance is detoured from the current location.

Edit Route



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

Refer to the Route > Editing Route section in the manual for more information (page 6-27).



Map Display

Displays the direction of the map.
Press **N**, **↑** 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 3D	Shows the map in 3 dimensions.
4 3D Buildings 3D Buildings	Shows or hides buildings on the map.

Navigation

POI

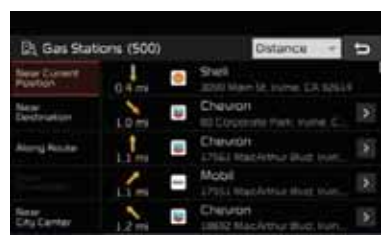
Select the  button on the bottom left of the screen ► Select the  button.

View Nearby POIs

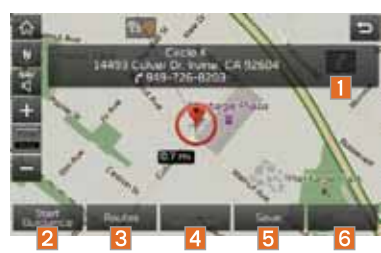


Select  check button to set whether to show nearby POIs or not. When categories are selected, they will appear on the map. (ex. Gas Stations)

The lists of nearby gas stations are displayed.



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



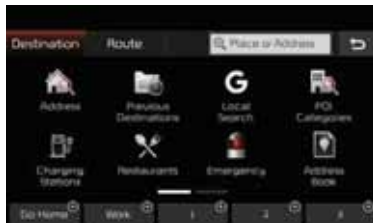
Name	Description
	Call to the selected location (Phone needs to be connected via Bluetooth).
	Start the preferred navigation route to selected location.
	Choose the preferred navigation route to selected location.
	Set the location as a waypoint.
	Save the location.
	Search nearby POIs.

Destination Search

Places

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

Press the **NAV** head unit key. ►
Select the **Destination** tab. ► Select the **Place or Address** Search Bar.



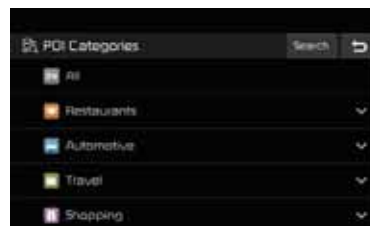
Enter the POI Name, Address and Coordinates of the location you want in the input window above, and press the **OK** button.



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.

Navigation



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 **NAV** head unit key. ►
Select the **Destination** tab. ► Select the **Address** icon.

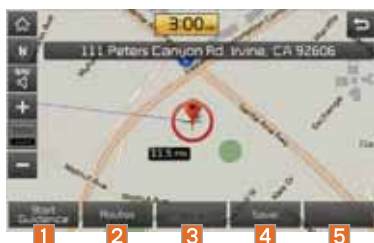


How to Search Address



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

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



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

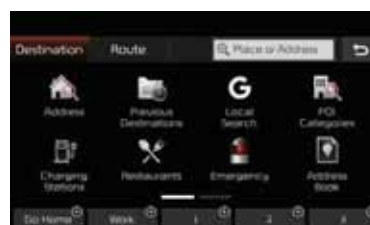
Name	Description
1 Start Guidance	Start the preferred navigation route to selected location.
2 Routes	Choose the preferred navigation route to selected location.
3 Add Waypoint	Set the location as a waypoint.
4 Save	Save the location.
5 POI	Search nearby POIs.

Previous Destinations

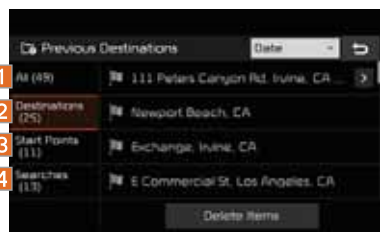
Select from previously inputted addresses and POIs.

Press the **NAV** head unit key. ►

Select the **Destination** tab. ► Select the **Previous Destinations** icon.



Navigation



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 But, not displayed when the searched places are set as destination.

Local Search

Press the **NAV** head unit key. ▶
Select the **Destination** tab. ▶ Select the **Local Search** icon.



Runs Google Local Search.



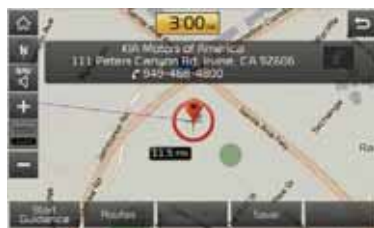
Enter the desired keywords and press the **OK** button.



Searching is in progress.



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



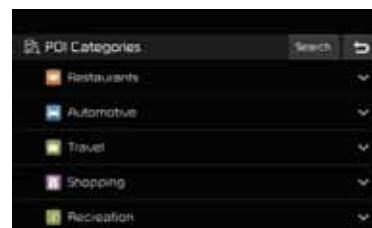
Press the **Start Guidance** button to start guidance.

If search or guidance fails, the connection error message is displayed as above. Please try again.

POI Categories

Press the **NAV** head unit key. ►

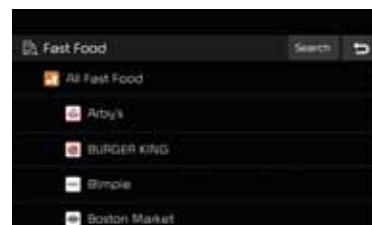
Select the **Destination** tab. ► Select the **POI Categories** icon.



Select the desired item.



Select the desired item in the sub-categories.



Navigation



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 **NAV** head unit key. ►
 Select the **Destination** tab. ► Select the **Charging Stations** icon.

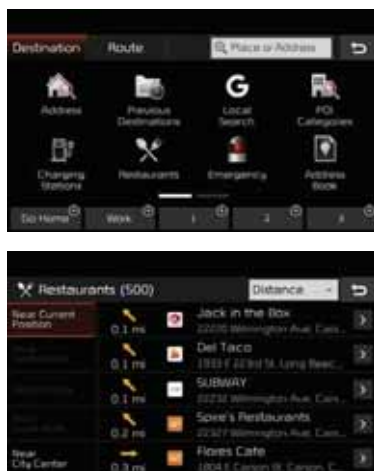


Select the desired destinations among the search items.

Restaurants

Search restaurants.

Press the **NAV** head unit key. ▶
Select the **Destination** tab. ▶ Select
the **Restaurants** icon.

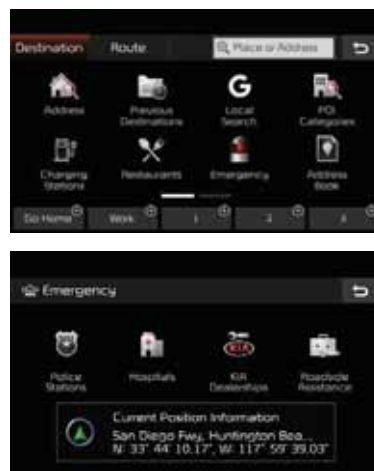


Select the desired destination
among the searched items.

Emergency

Search emergency facilities.

Press the **NAV** head unit key. ▶
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)



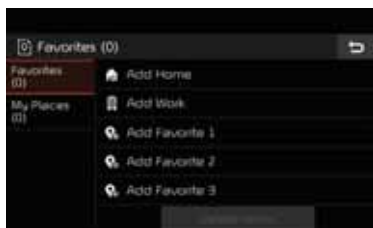
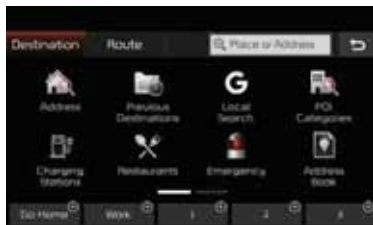
Select the desired destination
among the searched items.

Navigation

Address Book

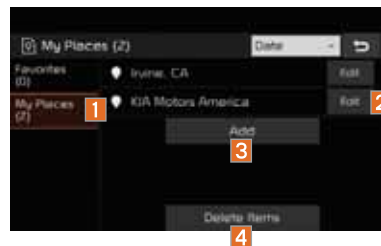
Search the destination with the address book.

Press the **NAV** head unit key. ▶
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.

Coordinates

Press the **NAV** head unit key. ►
Select the **Destination** tab. ► 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 **OK** button to search.



Press the **Start Guidance** button to start guidance.

Favorite Places

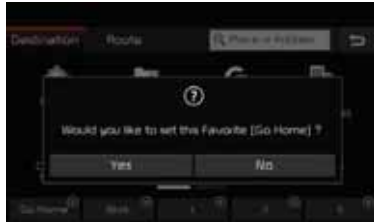
Set the route using your favorite places.

Press the **NAV** head unit key. ►
Select the **Destination** tab. ► Select from favorite places.

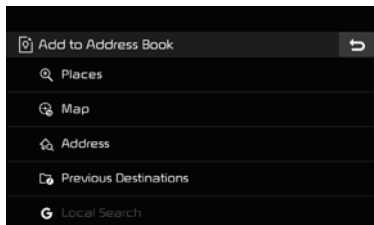


On the button where locations are not registered, the **+** icon is displayed. When a location is registered, the **+** button disappears and the buttons 1 to 3 are displayed as your favorite places.

Navigation



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



Work, Special 1, Special 2, and Special 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 **Start Guidance**, **Routes**, and **Add Waypoint** appear.

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

Destination Setting



After searching the destination, press the **Start Guidance** button to set the location as a destination.

All Routes



Three routing options are displayed based on real time traffic information and traffic pattern information and shorter distance.

- Route 1: Select the best route based on combine real-time traffic information and traffic pattern data on the map.
- Route 2: Select the best route based on real-time traffic information.
- Shorter Distance: Select short distance, regardless of how fast or slow progress will be calculated.

Name	Description
1	Display total distance, travel time. Select the desired route.
2	Start Guidance
3	Route Options
4	Route Info.
5	Edit Route
6	Total
7	Freeway
8	Toll Roads
9	Ferry

Navigation

Route Guidance

Show route guidance detailed information.

Route Guidance Screen



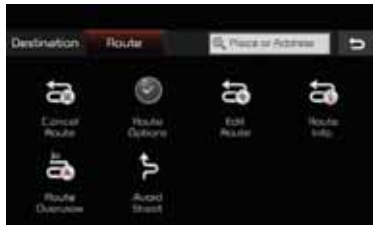
Name	Description
1	Displays the distance and direction to the first turn point.
2	Displays the distance and direction to the second turn point.
3	Displays the lane information at the current location. Display the recommended direction in white, travelable direction in white, and the non-travelable direction 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 waypoint 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	Displays the Turn List. Closes the Turn List.

Route Search

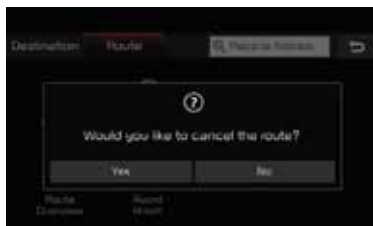
Canceling Route

Cancel the route.

Press the **NAV** head unit key. ▶
Select the **Route** tab. ▶ Select **Cancel Route**.



Press the **Cancel Route** icon.



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

Route Options

Press the **NAV** head unit key. ▶
Select the **Route** tab. ▶ Select **Route Options**.



Press the **Route Options** icon.



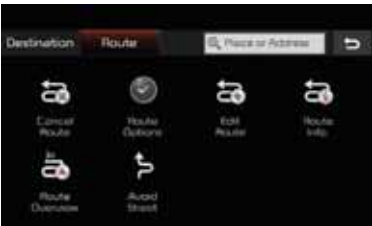
Determine the route options to guide the route.

Navigation

Editing Route

Edit the current route.

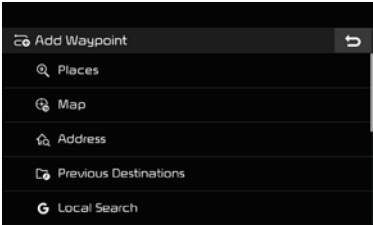
Press the **NAV** head unit key. ▶
Select the **Route** tab. ▶ Select **Edit Route**.



Press the **Edit Route** icon.



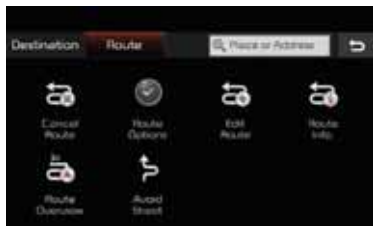
Name	Description
1	Display the selected point on the map screen.
2	Move the selected item up.
3	Move the selected item down.
4	Delete the selected item.
5	Press the button to finish editing.
6	Press the button to add waypoint.



Add the waypoint through various searching methods.

Display Route Information

Press the **NAV** head unit key. ▶
Select the **Route** tab. ▶ Select **Route Info.**.



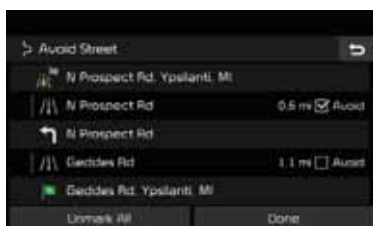
Press the **Route Info.** icon.



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 **NAV** head unit key. ▶
Select the **Route** tab. ▶ Select **Route Overview**.



Press the **Route Overview** icon.



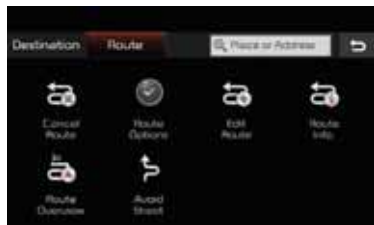
Name	Description
1 Route Options	Change the search option.
2 Route Info.	You can check route information.
3 Edit Route	Edit the current route.

Navigation

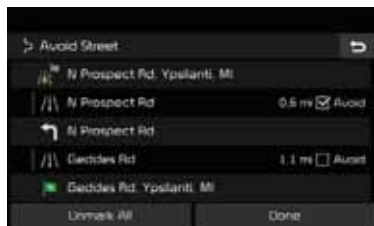
Avoid Street

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

Press the **NAV** head unit key. ▶
Select 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.