

# CAR MULTIMEDIA SYSTEM

## USER'S MANUAL

**SORENTO**



The Power to Surprise

Thank you for purchasing this multimedia system.

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

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

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

## **Precaution for safe usage**

- Driving while distracted can result in a loss of vehicle control, that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
- Do not operate the multimedia system while driving.
- Do not disassemble, assemble, or modify the multimedia system.
- Do not watch the screen for prolonged periods of time while driving.
- Set the volume to a level which allows the driver to be aware of external conditions.
- Do not operate the multimedia system for prolonged periods of time with the vehicle ignition in ACC. Such operations may lead to battery discharge.
- Be cautious not to spill water or introduce foreign objects into the device.
- Do not cause severe shock to the device. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch panel.
- In case of product malfunction, please contact your place of purchase or service center.
- When cleaning the touch screen, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, ammonia, benzene, thinners, etc.) as such materials may damage the device panel or cause color and quality deterioration.



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- 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](http://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](http://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.

- Infinity® is a trademark of Harman International Industries, Inc.
- At launch, the Apple iPhone® will be the only UVO eServices compatible device. iPhone® is a registered trademark of Apple Inc. Apple iOS6 compatibility expected early 2013. Additional compatible devices expected late 2013.
- The App Store is a service mark of Apple Inc. No charge for the UVO eServices app. The App runs on your smartphone cellular data service. Normal data rates will apply.
- HD Radio™ and the HD Radio™ logo are proprietary trademarks of iBiquity Digital Corporation.
- 24-hour Roadside Assistance is a service plan provided by Kia Motors America, Inc. Certain limitations apply. Coverage details are available in the Kia Warranty and Consumer Information Manual. For access to Enhanced Roadside Assistance, a connected mobile phone via Bluetooth® within the cellular service coverage area is required.
- Vehicle Diagnostics do not take the place of regularly scheduled maintenance. Feature checks powertrain, chassis, and airbag systems only. For factory-recommended maintenance schedule, see the Maintenance Feature of UVO eServices or the Owner's Manual.
- 911 Connect activates after an airbag deployment. Feature requires a connected mobile phone via Bluetooth. Dependant on cellular service coverage.
- The rear-camera display is not a substitute for proper and safe backing-up procedures. The rear-camera display may not display every object behind the vehicle. Always drive safely and use caution when backing up.

## Read the following safety cautions for your safety

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

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

## Notations used within this User's Manual

### **WARNING**

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

### **CAUTION**

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

### **Information**

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

### **NOTICE**

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

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# **Using SD Cards**

- Ejecting and Inserting SD Cards**

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

- Usage of SD Cards**

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

## iPod®

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iPod® is a registered trademark of Apple Inc.

## Bluetooth® Wireless Technology

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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.

Bluetooth® Wireless Technology phone compatibility can be checked by visiting <http://www.kia.com>.

## HD Radio™ Technology

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## Wi-Fi®

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01

# part.1 **Basics**

Warnings and Cautions

Key Product Features

Component Names and Functions

Starting the System for the First Time

# Basics

## Warnings

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

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

## Cautions

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

Pay attention to traffic conditions while driving.

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

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

## Key Product Features

This device is a Multimedia system equipped with a multifunctional disc player that supports Radio (FM, AM), HD Radio™ Technology, SiriusXM™, Audio CD, MP3, USB, iPod®, Audio AUX, Bluetooth® Audio and My Music features. The WIDE VGA LCD provides a high quality resolution while the powerful and rich sound system adds to the driving enjoyment.

|         |  |
|---------|--|
| Display | <p>Wide TFT-LCD Display</p> <ul style="list-style-type: none"><li>Provides high quality video through a Wide TFT-LCD Display using an LED Back Light.</li><li>Touch screen for maximum user convenience.</li></ul>   |
| Radio   | <p>Digital Tuner Feature</p> <ul style="list-style-type: none"><li>Digital Tuner using PLL method that supports memory of 12 broadcast stations for each AM and FM modes.</li></ul> <p>Radio broadcast station name</p> <ul style="list-style-type: none"><li>Displays broadcast station names for key locations.</li></ul> <p>HD Radio™/Satellite Radio feature</p> <ul style="list-style-type: none"><li>Supports HD Radio™ reception and Satellite Radio (SiriusXM™).</li></ul> |

|                   |   |
|-------------------|---|
| Multimedia Player | <p>Support for various Media Formats</p> <ul style="list-style-type: none"><li>Support for various media formats, including Radio, Audio CD, MP3, USB, iPod, AUX and Bluetooth® Audio Streaming modes</li></ul> <p>My Music</p> <ul style="list-style-type: none"><li>Supports copying of music stored within USB devices into My Music (internal memory) mode</li></ul>  |
| Navigation        | <p>Voice Guidance</p> <ul style="list-style-type: none"><li>Voice route guidance to safely and conveniently reach set destinations</li><li>Various map scales that enable drivers to accurately view map and surrounding areas</li></ul> <p>Automatic Correction for Current Location</p> <ul style="list-style-type: none"><li>Automatically corrects current position using map matching and GPS information.</li></ul>   |
| Miscellaneous     | <p>Bluetooth® Wireless Technology</p> <ul style="list-style-type: none"><li>Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel remote controller</li></ul> <p>Digital Screen Control Features</p> <ul style="list-style-type: none"><li>Easy control of features through touch screen options</li></ul> <p>Steering Wheel Remote Controller</p> <ul style="list-style-type: none"><li>Control over audio features, voice recognition and Bluetooth® through the steering wheel remote controller for maximum convenience</li></ul> |

# Component Names and Functions

## Head Unit



|   | Name          | Description   |
|---|---------------|---|
| 1 | RADIO         | Converts to FM/AM/SiriusXM™ mode <ul style="list-style-type: none"><li>• Each time the key is pressed, the mode is changed in order of FM → AM → SiriusXM™ → FM</li></ul>   |
| 2 | MEDIA         | Converts to MEDIA mode <ul style="list-style-type: none"><li>• If the media is not connected or the CD player is not available for Model, Media mode will not be activated.</li></ul>   |
| 3 | UVO           | Displays the UVO mode   |
| 4 | SEEK<br>TRACK | When pressed quickly (less than 0.8 seconds), <ul style="list-style-type: none"><li>• FM/AM mode : plays previous/next frequency</li><li>• SiriusXM™ mode : plays the previous/next channel</li><li>• MEDIA (Disc/USB/iPod/My Music) mode : changes the track, file or title (except for USB Image and AUX)</li></ul> When key is pressed and held. (over 0.8 seconds) <ul style="list-style-type: none"><li>• FM/AM mode: Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency.</li><li>• SiriusXM™ mode : continuously changes the channel until the key is released and plays the current channel</li><li>• MEDIA (Disc/USB/iPod/My Music) mode : rewinds or fastforwards the track or file (except for USB Image, Bluetooth Audio and AUX)</li></ul> |

\* The actual feature in the vehicle may differ from the illustration.

## Head Unit



|    | Name        | Description   |
|----|-------------|---|
| 5  | △           | Press to insert or eject disc   |
| 6  | SD MAP      | SD Card insert slot   |
| 7  | PWR/<br>VOL | <ul style="list-style-type: none"><li>• When power is off, press to turn power on</li><li>• When power is on, press and hold (over 0.8 seconds) to turn power off</li><li>• When power is on, press shortly (under 0.8 seconds) to turn Audio off</li><li>• Turn left/right to control volume</li></ul> |
| 8  | MAP         | Displays the map for the current position   |
| 9  | NAVI        | Displays the menu screen where you can find your destination and set the route.   |
| 10 | PHONE       | Takes user to phone screen  |
| 11 | INFO        | Displays the information mode   |
| 12 | SETUP       | Displays the Setup mode   |
| 13 | TUNE        | <ul style="list-style-type: none"><li>• FM/AM mode : changes the frequency</li><li>• SiriusXM™ mode : changes the channel</li><li>• MEDIA (Disc/USB/iPod/My Music) mode : changes the track, file or title (except for USB Image, Bluetooth Audio and AUX)</li></ul>                                    |
| 14 | RESET       | Resets the system settings. (Preset radio channels and other data will not be deleted.)   |

## Steering Wheel Remote Controller



| Name | Description   |
|------|---|
| 1    | <p>When pressed shortly. (under 0.8 seconds)</p> <ul style="list-style-type: none"> <li>Activates voice recognition</li> </ul> <p>When pressed and held. (over 0.8 seconds)</p> <ul style="list-style-type: none"> <li>Ends voice recognition</li> <li>If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free.</li> </ul> |

| Name | Description  |
|------|--|
| 2    | <ul style="list-style-type: none"> <li>Each time this key is pressed, mode is changed in order of FM → AM → SiriusXM™ → Disc → USB Music or iPod → AUX → Bluetooth Audio → My Music</li> </ul> <p><i>i</i> You can select which mode to use in Advanced Settings.</p> <ul style="list-style-type: none"> <li>If the media is not connected, corresponding modes will be disabled</li> <li>Press and hold the key (over 0.8 seconds) to turn the Audio system on/off</li> <li>When power is off, press the key to turn power back on</li> </ul>   |
| 3    | Use to adjust the volume of audio or call.   |
| 3    | <ul style="list-style-type: none"> <li>Mutes the audio. (Media will be paused in some media modes.)</li> <li>Mutes the microphone during a call.</li> </ul>  |
| 4    | <p>When pressed quickly (less than 0.8 seconds),</p> <ul style="list-style-type: none"> <li>FM/AM mode : searches broadcast frequencies saved to Presets</li> <li>SiriusXM™ mode : searches broadcast channels saved to Presets</li> <li>MEDIA(Disc/USB/iPod/My Music) mode : changes the track, file or chapter (except for USB Image, AUX)</li> </ul> <p>When pressed and held (more than 0.8 seconds),</p> <ul style="list-style-type: none"> <li>FM/AM Mode : Automatically searches broadcast frequencies</li> <li>SiriusXM™ mode : automatically searches broadcast channels</li> <li>MEDIA(Disc/USB/iPod/My Music) mode : Quickly looks up songs (except for USB images, AUX, and Bluetooth audio files)</li> </ul> |

## Steering Wheel Remote Controller



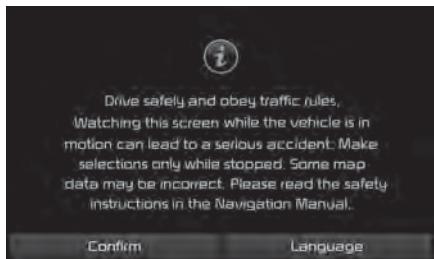
| Name | Description   |
|------|---|
| 5    | <br>When pressed shortly. (under 1.2 seconds) <ul style="list-style-type: none"><li>• When pressed in the dial screen, makes a call</li><li>• When pressed in the incoming call screen, answers the call</li><li>• When pressed during call waiting, switches to waiting call (Call Waiting)</li></ul> When pressed and held. (over 1.2 seconds) <ul style="list-style-type: none"><li>• When pressed in the Bluetooth® Handsfree, redials the last call</li><li>• When pressed during a Bluetooth® Handsfree call, switches call back to mobile phone (Private)</li><li>• When pressed while calling on the mobile phone, switches call back to Bluetooth® Handsfree (Operates only when Bluetooth® Handsfree is connected)</li></ul> |
| 6    |  <ul style="list-style-type: none"><li>• When pressed during a call, ends the phone call</li><li>• When pressed in the incoming call screen, rejects the call</li></ul>  |

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

# Starting the System for the First Time

## Turning the System On/Off

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



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

### NOTICE

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

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

### Information

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

### NOTICE

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

## System Reset



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

### NOTICE

- Resetting the system restores all existing settings and configurations (e.g. volume, display, etc.) back to their factory defaults. This is not a system defect. It occurs because the information stored in memory is reset back to factory settings as a normal process of resetting the system.

## Battery Warning Message

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



### NOTICE

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

## Restrictions on Features for Safety Measures

The restriction screen will disappear when shifting gears into P.

### WARNING

#### - 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.

### 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).

## Home Screen

### Controls Menu Configuration for the Home Screen



| Features                   | Description  |
|----------------------------|--|
| <b>1</b> Navigation Widget | <ul style="list-style-type: none"><li>Provides a brief view of the navigation map and the route screen.</li><li>Touch any area on the screen to move to the navigation screen.</li></ul> |
| <b>2</b> AV Widget         | <ul style="list-style-type: none"><li>Shows brief information on the radio media currently playing.</li><li>Touch the area to move to the mode for what you are listening to.</li></ul>  |
| <b>3</b> All Menus         | Shows all of the items in the system menu.   |
| <b>4</b> Places            | Directly moves to the screen where you can search for your destination.  |
| <b>5</b> My Menu           | <ul style="list-style-type: none"><li>You can add and save up to eight menu items.</li><li>Add your favorite menu items to have quick and easy access to them.</li></ul>                 |

### 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        | AV-Mute       | Navigation-Mute       | Making a call and Bluetooth connection |                                    |                                 | Wi-Fi                                 |
|-------------|---------------|-----------------------|--|------------------------------------|---------------------------------|---------------------------------------|
|             |               |                       |  |                                    |                                 |                                       |
| Description | Mute AV sound | Mute Navigation sound | Bluetooth phone remaining battery      | Handsfree connection               | Making a call using BT phone    | Bluetooth phone reception sensitivity |
| ICON        |               |                       |  |                                    |                                 |                                       |
| Description |               |                       |  | Connecting to music stream         |                                 | Connecting to Wi-Fi                   |
| ICON        |               |                       |  |                                    |                                 |                                       |
| Description |               |                       |  | Handsfree+ streaming connection    | Mute Bluetooth phone microphone |                                       |
| ICON        |               |                       |  |                                    |                                 |                                       |
| Description |               |                       |  | Downloading contacts/ recent calls |                                 |                                       |

## Adding Your Favorite Menu Items to My Menu

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

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

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



### **i** Information

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

## On-Screen Touch Controls

Learn how to touch the screen to operate the system.

### Select

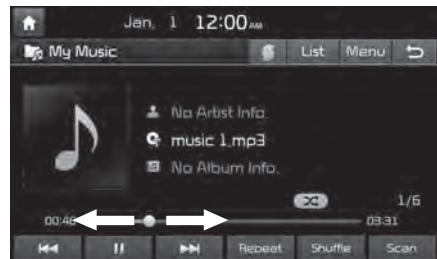
Tap lightly on a menu or an item to select it.

### **NOTICE**

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

### Drag & Drop

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

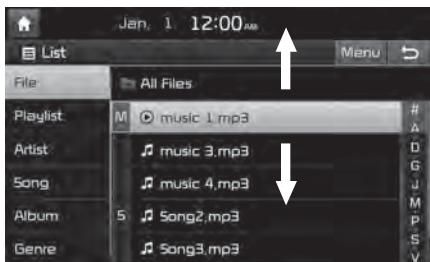


Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from. However, the CD player does not support drag function.

### **i** Information

- Music screens for Disc CD and Disc MP3 do not support this function.

## Flick (Quick Scrolling)



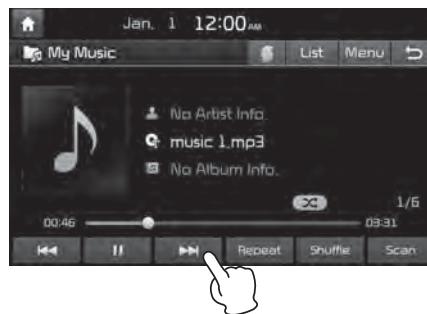
Quickly moves up and down in the list.

### NOTICE

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

## Select and Hold

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



**MEMO**

02

## part.2 About Using AV

FM/AM Mode

About HD Radio™ Technology

SiriusXM™ Mode

About Disc

CD Mode

Using MP3 Mode

About USB

About iPod®

AUX

Bluetooth® Audio

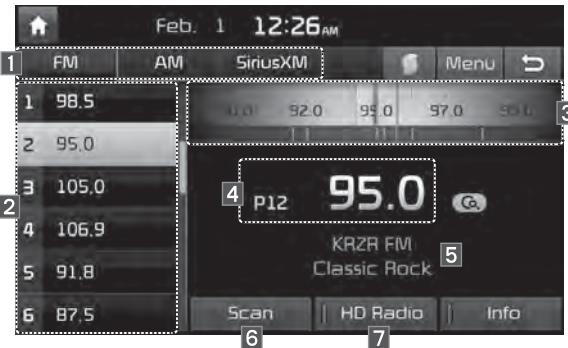
My Music

# About Using AV

## FM/AM Mode

### Accessing FM/AM Mode

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



#### i Information

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

| Features                   | Description   |
|----------------------------|---|
| <b>1</b> Mode Display      | <ul style="list-style-type: none"><li>Displays currently operating mode</li><li>If select wanted mode tap, it will change to selected mode in Radio.</li></ul>  |
| <b>2</b> Preset            | <ul style="list-style-type: none"><li>Shows saved presets for user selection</li><li>After selecting frequency → press and hold (over 0.8 seconds) the preset button. A 'beep' will sound and the frequency is saved to the selected preset button.</li></ul> <p><b>i</b> A total of 24 frequencies with 12 preset frequencies each for FM/AM modes can be saved.</p> |
| <b>3</b> Frequency Bar     | <ul style="list-style-type: none"><li>Flick the frequency bar left/right to search for available radio channels to the left or right of the current channel.</li><li>Dragging : Drag the frequency bar to the left/right to find the radio channel that you want.</li></ul>   |
| <b>4</b> Frequency         | Displays the current frequency  |
| <b>5</b> Broadcast station | Displays the current broadcast station name.  |
| <b>6</b> Scan              | Plays frequencies with superior reception for 5 seconds each  |
| <b>7</b> HD Radio          | When the HD Radio soft button is ON (the red indicator on the HD Radio button is illuminated), HD Radio signals will be received.   |



| Features | Description   |
|----------|---|
| ⑧ Info   | <p>Turns the Radio Text information on and off</p> <ul style="list-style-type: none"> <li>If the ON Text On button is displayed (Text off state), information will not be displayed even if there is information being transmitted from the broadcast station.</li> <li>If the Off Text Off button is displayed (Text on state), then broadcast information will be displayed. Information may not be displayed if there is no information being transmitted from the broadcast station.</li> </ul> |

| Features                             | Description   |
|--------------------------------------|---|
| ⑨ Menu                               | <ul style="list-style-type: none"> <li>Autostore<br/>Saves frequencies with superior reception to Preset buttons</li> </ul> <p><i>i</i> While Auto Store is operating, pressing the Auto Store button again will cancel the function and play the previous frequency.</p> <ul style="list-style-type: none"> <li>Preset Scan<br/>Plays preset frequencies for 5 or 10 seconds each</li> <li>HD on : 10 seconds</li> <li>HD off : 5 seconds</li> </ul> |
| ⑩ Scan/<br>Auto Scan/<br>Preset Scan | Displays an activated mode from the Scan/Auto Scan/Preset Scan modes.   |
| ⑪ SoundHound                         | Runs the SoundHound feature.<br>For more detailed feature, please refer to SoundHound section in Info part.   |
| ⑫ SEEK/TRACK                         | <ul style="list-style-type: none"> <li>When pressed quickly (less than 0.8 seconds) : Seeks the previous/next frequency.</li> <li>When pressed and held (longer than 0.8 seconds) : Moves quickly through all of the frequencies. From the moment that you release the button, the system will seek the next available frequency.</li> </ul>  |
| ⑬ TUNE                               | <p>Turn the ● TUNE knob to manually seek available frequencies.</p> <ul style="list-style-type: none"> <li>FM : Increment/decrement by 200 kHz</li> <li>AM : Increment/decrement by 10 kHz</li> </ul>   |

## About HD Radio™ Technology



### Program Info

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

### Digital Sound

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

### HD2/HD3

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

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

### Information

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

## Basic Mode Screen (HD Radio™ reception ON)



| Name                      | Description   |
|---------------------------|---|
| 1 HD Channel Number       | Analog station and corresponding HD Radio™ channel number saved in the preset list.   |
| 2 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) |
| 3 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.                               |

Displays main HD Radio™ channels and used to directly select the currently available channels.

- i** HD Radio technology allows AM and FM radio stations to transmit audio and data using a digital signal. The HD Radio format allows stations to simultaneously broadcast one or more different programs in addition to the program being transmitted on the station's analog channel. When the HD Radio soft button on the screen is ON (red indicator on the HD Radio button is illuminated), HD Radio reception will become active whenever a broadcast channel sends an HD Radio signal and when the vehicle is in areas where the signal reception is strong. If multiple HD Radio programs are available, a soft button for each channel will appear on the screen allowing you to select from HD1, HD2, etc.

## SiriusXM™ Mode

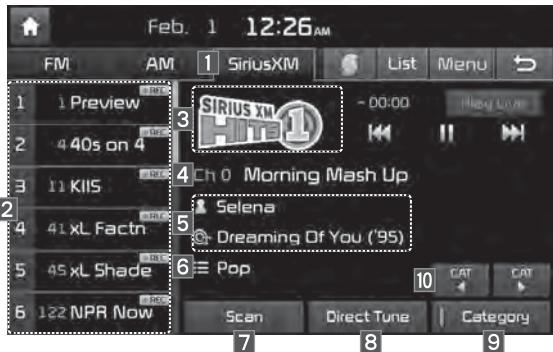
### SiriusXM™ Mode Hard Key Controls

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

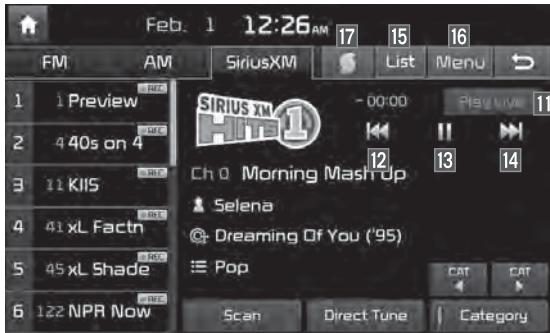
#### **i** Information

- If you press the **RADIO** hard key when the power is off, then the power will turn on and a radio broadcast will be tuned up.
- 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.

## SiriusXM™ Mode Display Controls



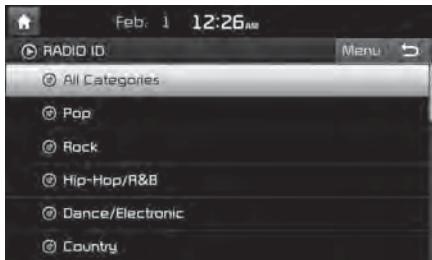
| Features                             | Description   |
|--------------------------------------|---|
| <b>1</b> Mode Display                | Displays currently operating mode.<br>Tap to select desired mode, it will change to selected mode in Radio.   |
| <b>2</b> Preset                      | <ul style="list-style-type: none"> <li>Shows saved presets for user selection.</li> <li>After selecting frequency press and hold (over 0.8 seconds) the preset button. A 'beep' will sound and the frequency is saved to the selected preset button.</li> </ul> <p><i>(i)</i> A total of 18 frequencies for SiriusXM™ modes can be saved.</p> |
| <b>3</b> Channel Logo                | Displays the current channel logo.  |
| <b>4</b> Channel Info                | Displays the current channel number and name.   |
| <b>5</b> Contents Info               | Displays the artist, title and other information about the current playing song.  |
| <b>6</b> Category Info               | Displays the current playing category.  |
| <b>7</b> Scan                        | Plays all receivable channels for 10 seconds each.  |
| <b>8</b> Direct Tune                 | Used to search for channels by entering channel numbers.  |
| <b>9</b> Category                    | If you press Category, when search channels through SEEK, Tune and Scan, search it in the current category.   |
| <b>10</b> Category Selection Buttons | Used to select the previous/next category.  |



| Features                | Description  |
|-------------------------|--|
| <b>11 Play Live</b>     | It will change to listening live broadcast mode.   |
| <b>12 Skip Backward</b> | Repeats the previously broadcasted program. <ul style="list-style-type: none"> <li>• Holding for less than 0.8 seconds : Moves to the previous segment</li> <li>• Holding for longer than 0.8 seconds : Moves to the previous 5 seconds</li> </ul>   |
| <b>13 Play/Pause</b>    | Pauses/plays the currently broadcasting program.   |
| <b>14 Skip Forward</b>  | Moves to the next segment.   |
| <b>15 List</b>          | Displays SiriusXM™ Radio Categories/Channel Lists <ul style="list-style-type: none"> <li>• What is on My Presets?<br/>The program schedule saved in my preset. (For more details, see Section 2.8 Viewing Menu.)</li> <li>• Featured Favorites<br/>Theme channels recommended by SiriusXM™. (For more details, see Section 2.8 Viewing Menu.)</li> <li>• Preset Scan<br/>Plays preset frequencies for 5 seconds each.</li> </ul> |
| <b>16 Menu</b>          | <ul style="list-style-type: none"> <li>• SoundHound</li> </ul> Runs the SoundHound feature.<br>For more detailed feature, please refer to SoundHound section in Info part.   |
| <b>18 SEEK/TRACK</b>    | When key is pressed shortly.(under 0.8 seconds)<br>Plays the previous/next channel<br>When key is pressed and held.(over 0.8 seconds)<br>Continuously changes the channel until the key is released and plays the current channel  |
| <b>19 TUNE</b>          | Changes the channel  |

## Selecting through Channel/Category List

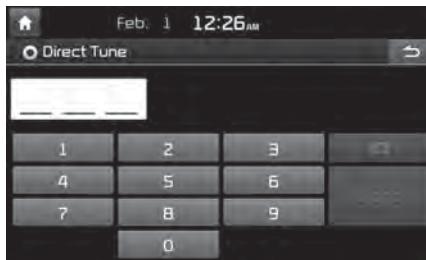
Select the **List** button ► Select the desired category and channel.



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

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

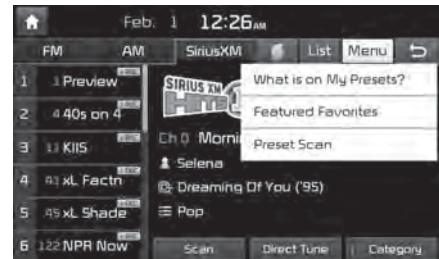
## Direct Tune



Enter the number of the channel you want to receive.

## Viewing Menu

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



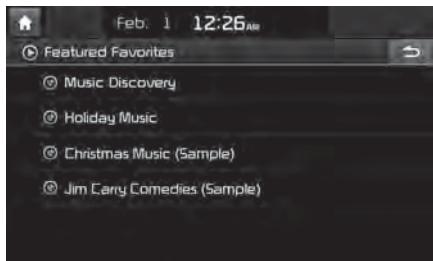
## What is on My Presets? (Program Schedule)



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

| Name                    | Description  |
|-------------------------|--|
| 1 Change Broadcast Date | By selecting this option, you can select a broadcasting date and time zone. Broadcast information will be provided for one week from the current date.<br>                                       |
| 2 Preset                | Shows saved presets for user selection<br><i>A total of 18 frequencies for SiriusXM™ modes can be displayed.</i>   |
| 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.<br>   |
|                         | <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.</i> |

## 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.

# About Disc

## Precautions upon Handling Discs

### ▲ CAUTION

- After using a disc, put the disc back in its original case to prevent disc scratches.
- Do not use abnormally shaped discs (8cm, heart-shaped, octagon-shaped) as such discs could lead to malfunctions.
- Do not clean discs with chemical solutions, such as record sprays, antistatic sprays, antistatic liquids, benzene, or thinners.
- Do not expose the disc to direct sunlight or high temperatures for prolonged periods of time. Such exposure may lead to disc deformation.
- Upon playing a disc contaminated by dirt or other substances, the sound quality may deteriorate and result in skipping sounds. Writing on either side of the disc could result in damage to disc surfaces.
- Clean fingerprints and dust off the disc surface (coated side) with a soft cloth.
- Copy-protected CDs, such as S-type CDs, may not properly operate in the device. DATA CDs cannot be played. (However, such discs may still abnormally operate.)
- Do not disassemble the device. Contact a designated service center in case of malfunction. (Complete after service assistance will not be provided if the user disassembles the device.)
- Do not use water to clean the device. Exposure to water could lead to product malfunction.
- Do not introduce foreign substances into the disc insert/eject slot. Introducing foreign substances could damage the device interior.
- The device may fail to properly operate in extremely hot or cold temperatures. (The operating temperature range is : 14°F ~ 150°F)
- Steam can become condensed on the fiber-optic lens due to rain, wet conditions, or upon operating the heating system. In such cases, discs may not be properly recognized. Remove the disc and wait until the moisture dries.
- Skipping may occur during audio play when driving on bumpy roads for prolonged periods of time or upon severe shock to the vehicle. In case of severe shock, audio may not properly play.

## Supported Disc Formats

This device supports the following disc formats.

### Disc Type

| Disc Type | Disc Format                  | Device Support    |
|-----------|------------------------------|-------------------|
| CD        | 3inch (8cm)                  | X                 |
|           | 5inch (12cm)                 | O                 |
|           | CD                           | O                 |
|           | CD-R                         | O (Read Only)     |
|           | CD-RW                        | O (Read Only)     |
|           | Multisession-CD              | O (Read Only)     |
| SACD      | SACD<br>(Single, SACD layer) | X                 |
|           | SACD (Hybrid)                | X (Only CD layer) |

### Disc Format

| Disc Type | Disc Format | Device Support |
|-----------|-------------|----------------|
| CD        | CD-DA       | O              |
|           | MP3         | O              |
|           | WMA         | O              |
|           | MPEG4 AAC   | X              |
|           | DTS-CD      | X              |
|           | CD-ROM      | O              |
|           | CD-G        | X              |
|           | CD-EXTRA    | O              |
|           | CD-TEXT     | O              |

## Disc/Content Format Compatibility

### By Format according to Disc Type

| Disc Type | Disc Format   | Device Support |
|-----------|---------------|----------------|
| CD        | LPCM          | O              |
| MP3       | MPEG1, Layer3 | O              |
|           | MPEG2, Layer3 | O              |
|           | MPEG2.5       | O              |
| WMA       | Ver9          | O              |

## Ordinary Disc Compatibility

This device has been designed/ manufactured to be compatible with software bearing the following logo marks.



Audio-CD

- CD-R/RW discs (Audio CD) created with CD recording devices or PCs may not properly operate in the device. This is a result of various causes, including disc format, recording method, and contamination to the disc or lens.

## **CD-R/RW Compatibility**

- This device supports CD-R, CD-RW, and MP3 discs burned in Audio CD formats.
- The recording of CD-R and CD-RW discs with this device is not supported.
- CD-R/RW discs recorded as audio CDs that were not finalized are not supported by this device.

## **PC-created Disc Compatibility**

- When burning a disc on a PC, the disc may not operate in this device depending on the software settings. In such cases, inquire with the software manufacturer.
- Additional information regarding compatibility is displayed on the CD-R/RW software disc box.
- DVD-R/W discs are not compatible with this device.

## **Cautions upon Writing CDs**

- When a multi-session disc is being recorded, make sure to close the session before recording.
- If MP3/WMA file extensions are changed, such could result in malfunctions.
- In the case of MP3/WMA, write using only English. (Other languages are not supported)
- Unauthorized use of copy-protected music files is prohibited by law.
- Prolonged use of CD-R/CD-RW products that do not satisfy related specifications may result in product malfunction.
- When writing CDs, low-speed writing is recommended.

## **Compressed Audio Compatibility**

- Physical formats of CD : Model 1, Model 2 XA format 1.
- This device supports audio file compressed through MPEG-1 audio stream layer 3 (MP3) using 8kbps ~ 320kbps. (CBR or VBR)
- For stable operation, the use of files in 95kbps~192kbps bit rate range and 44.1kHz SAMPLING frequency is recommended.
- This device supports WMA audio files using 20kbps ~ 320kbps. (CBR or VBR)
- Variable bit rate files may operate, but the play time information may not be properly displayed.
- This device only supports tracks with file extension of ".mp3" or ".wma".
- This device does not support multisession discs.
- This device supports only 8 layer folders.

- This device supports MP3 ID3 tag versions of Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3, Ver. 2.4. When using discs with other versions, the ID3 info will not be displayed.
- Although this device has been designated to be compatible with various bit rates, playing low bit rate MP3 tracks may result in low quality sound.

## Before Playing an MP3 Disc

### Supported MP3 File Specification

- Acceptable standard: MPEG1 Audio Layer 3.
- Acceptable sampling frequency : 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48(kHz).
- Acceptable bit rate : 8 ~ 320 (Kbps).

### Recommended Bit Rates and Frequency

- Sampling frequency : 96 ~ 192 Kbps  
fixed bit rate / 44.1 kHz.

#### NOTICE

- Supported ID3 tags : ID3v1.0, ID3v1.1, ID3v1.2, ID3v2.2, ID3v2.3, ID3v2.4.
- Supported MP3 Media : CD-ROM.
- Supported media formats : ISO9660 LEVEL1 and LEVEL2.

### Detailed Specification

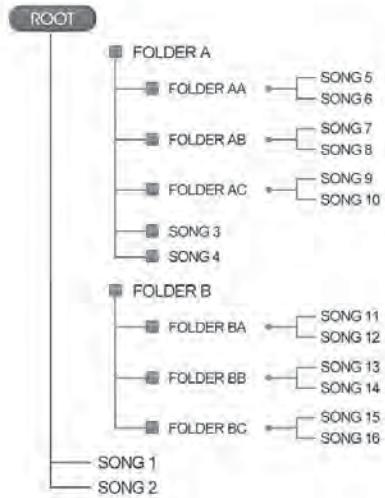
- Maximum directory layers : 8 layers.
- Maximum folder length : 64 bytes, file name length: 64 bytes.
- Supported characters for folder name/file name: 2350 characters for Alphanumeric character and Korean character sets, 4888 characters for Simplified Chinese character set.
- Maximum number of folders per disc : 256 folders. (including ROOT)
- Maximum number of files per disc : 512 files.

### Precautions upon Burning MP3 Files

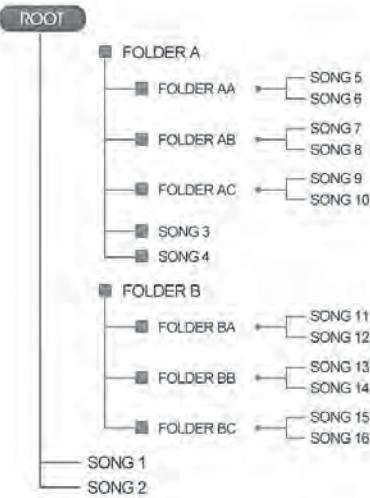
- The use of ISO 9660 LEVEL 2 JOLIET format is recommended.
- Up to 32 characters in Korean/Chinese are supported for file names and up to 20 characters in Korean/Chinese are supported for folder names.
- The use of CDs exceeding 700MB may result in faulty disc recognition or errors upon play.

## MP3 File Structure

Recognition occurs through the same folder structure used within the disc.

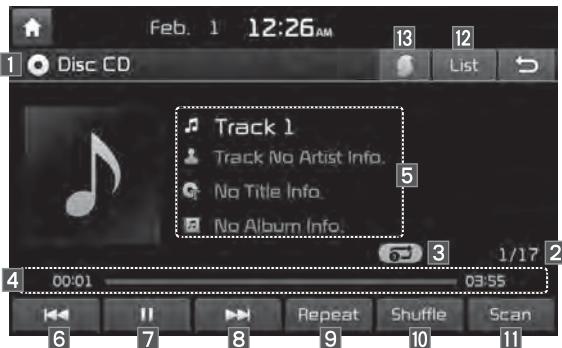


Folder structure as saved in CD-ROM



Folder structure as saved in the system

## CD Mode



| Features                         | Description   |
|----------------------------------|---|
| <b>1</b> Mode                    | Displays the current operating mode                                 |
| <b>2</b> Track Index             | Shows the current track/total tracks                                |
| <b>3</b> Repeat/<br>Shuffle/Scan | From Repeat/Shuffle/Scan, displays the currently operating function |
| <b>4</b> Play Time               | Displays the current play time                                      |
| <b>5</b> Play Info               | Displays track/artist/title/album information                       |

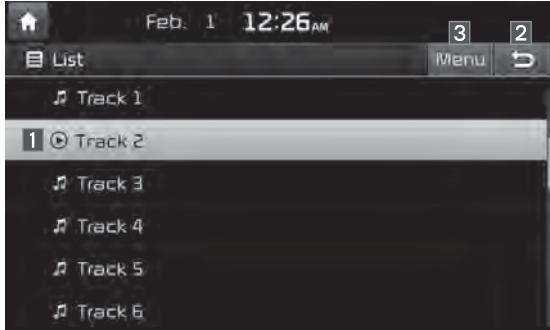
| Features                | Description  |
|-------------------------|--|
| <b>6</b> Previous Track | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time)               <ul style="list-style-type: none"> <li>If play time is less than 3 seconds, moves to previous file</li> <li>If play time is more than 3 seconds, play the current file from the beginning</li> </ul> </li> <li>If button is pressed (over than 0.8 seconds) it rewinds the track</li> </ul> |
| <b>7</b> Play/Pause     | Plays/Pauses the current track   |
| <b>8</b> Next Track     | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the next file.</li> <li>If button is pressed (over than 0.8 seconds): It fast-forwards the track.</li> </ul>   |
| <b>9</b> Repeat         | Repeats the current track<br>Select the <b>Repeat</b> button to switch between repeating the current track → and turning repeat off  |
| <b>10</b> Shuffle       | Plays disc tracks in random order<br>Select the <b>Shuffle</b> button to switch between shuffle all → and turning shuffle off  |
| <b>11</b> Scan          | Scans the beginning parts of disc tracks (approx. 10 seconds per track)<br>Select the <b>Scan</b> button to switch between scan all → and turning scan off   |
| <b>12</b> List          | Moves to the track list screen   |
| <b>13</b> SoundHound    | Runs the SoundHound feature.<br>For more details regarding this feature, refer to the SoundHound information in the Info section.  |

### i Information

- Album artwork is not available in the Disc CD and Disc MP3 mode.



| Features       | Description  |
|----------------|--|
| <b>14 TUNE</b> | <p>Turn the ● TUNE knob and search a desired track. When the track name is displayed, press the ● TUNE knob to play the track.</p> <p><i>i</i> If the ● TUNE knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.</p> |



| Features               | Description   |
|------------------------|---|
| <b>1</b> Current Track | Displays currently playing track name   |
| <b>2</b> Back Button   | Converts to basic mode screen   |
| <b>3</b> Menu          | When moving to a different list screen, moves to the list page where the current file is located<br>(Becomes disabled when the current list includes the current file)  |
| <b>4</b> SEEK/TRACK    | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Plays previous/next track</li> <li>If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.</li> </ul> |
| <b>5</b> TUNE          | Turn the  TUNE knob to move the focus to the next/previous track. If the desired track is selected, press the  TUNE knob to play the track.   |

## Using MP3 Mode



| Features               | Description   |
|------------------------|---|
| 1 Mode                 | Displays the current operating mode                               |
| 2 File Index           | Shows the current MP3 file/total number of MP3 files              |
| 3 Repeat/ Shuffle/Scan | From Repeat/Shuffle/Scan, displays the current operating function |
| 4 Play Time            | Displays the current play time                                    |
| 5 Song Info            | Displays artist/title/album info for current song                 |
| 6 List                 | Moves to the list screen  |

| Features        | Description  |
|-----------------|--|
| 7 Previous File | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time)           <ul style="list-style-type: none"> <li>If play time is less than 3 seconds, moves to previous file</li> <li>If play time is more than 3 seconds, play the current file from the beginning</li> </ul> </li> <li>If button is pressed (over than 0.8 seconds) it rewinds the track</li> </ul> |
| 8 Play/Pause    | Plays/Pauses the current track   |
| 9 Next File     | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the next file.</li> <li>If button is pressed (over than 0.8 seconds): It fast-forwards the track.</li> </ul>   |
| 10 Repeat       | <p>Repeats the current song or all songs in the folder</p> <p>Select the <b>Repeat</b> button to switch between repeating 1 song → repeating folder → and turning repeat off</p> <p><b>i</b> Repeat 1 song: Repeats the current song<br/>Repeat Folder: Repeats songs in the folder</p>  |
| 11 Shuffle      | <p>Plays files in the folder or in the disc in random order</p> <p>Select the <b>Shuffle</b> button to switch between shuffle folder → shuffle all → and turning shuffle off</p> <p><b>i</b> Shuffle folder: Plays songs in the folder in random order.<br/>Shuffle All: Plays songs in the disc in random order.</p>  |

### **i** Information

- Album artwork is not available in the Disc CD and Disc MP3 mode.



| Features      | Description  |
|---------------|--|
| 12 Scan       | Scans the beginning parts of MP3 files (approx. 10 seconds per file)<br>Select the <b>Scan</b> button to switch between scan folder → scan all → and turning scan off<br><b>i</b> Scan Folder: Scans tracks in the current folder<br>Scan All: Scans all tracks in the disc      |
| 13 SoundHound | Runs the SoundHound feature.<br>For more details regarding this feature, refer to the SoundHound information in the Info section.  |
| 14 TUNE       | Turn the <b>TUNE</b> knob to search a desired track. If the desired track is displayed, press the <b>TUNE</b> knob to play the track.<br><b>i</b> If the <b>TUNE</b> knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored. |



| Features              | Description   |
|-----------------------|---|
| <b>1</b> Folder Name  | Displays folder name for current file   |
| <b>2</b> Current Song | Displays the current playing file name  |
| <b>3</b> Back Button  | Converts to basic mode screen   |
| <b>4</b> Upper Folder | Moves to Root Folder  |
| <b>5</b> Menu         | When moving to a different list screen, moves to the list page where the current file is located<br>(Becomes disabled when the current list includes the current file)  |
| <b>6</b> SEEK/TRACK   | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Plays previous/next track</li> <li>If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.</li> </ul> |
| <b>7</b> TUNE         | Turn the  TUNE knob to move the focus to the previous/next track. If the desired track is displayed, press the  TUNE knob to play the track.  |

# About USB

## Before Playing a USB MP3

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

- Files that are not standard format music/image files will not be played.
- For MP3/WMA/OGG files, only music files with compression rates between 8Kbps ~ 320Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the system may not properly recognize that the USB device is connected.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- This device recognizes USB devices formatted in FAT 12/16/32 file formats. This device does not recognize files in NTFS file format.
- Some USB devices may not be supported due to compatibility issues.

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

- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognized as portable disk drives) are connected with the device.
- Charging through the USB may not work for some mobile devices.
- The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- Upon playing iPods, please use a dedicated iPod car cable.
- Normal operations 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.



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      |

#### Information

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

## USB MP3 Information and Precautions

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

## Supported Image Specifications

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

### Information

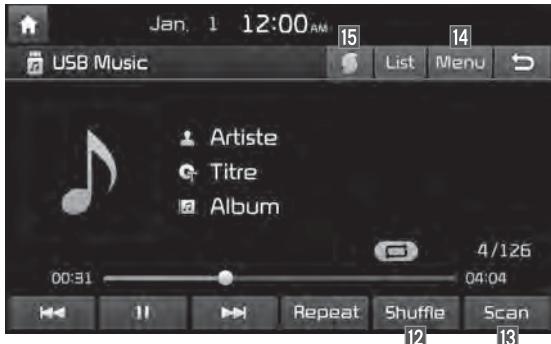
- The sound quality of MP3 files that use bitrates exceeding 192 Kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not properly operate.

## 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/<br>Shuffle/Scan | From Repeat/Shuffle/Scan, displays the currently operating function |
| 4 Play Time               | Displays the current play time/total play time                      |
| 5 Song Info               | Displays the artist/title/album info                                |
| 6 List                    | Moves to the list screen  |

| Features        | Description  |
|-----------------|--|
| 7 Previous File | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time)           <ul style="list-style-type: none"> <li>If play time is less than 3 seconds, moves to previous file</li> <li>If play time is more than 3 seconds, play the current file from the beginning</li> </ul> </li> <li>If button is pressed (over than 0.8 seconds) it rewinds the track</li> </ul> |
| 8 Play/Pause    | Plays/pauses the current file  |
| 9 Next File     | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the next file.</li> <li>If button is pressed (over than 0.8 seconds): It fast-forwards the track.</li> </ul>   |
| 10 Repeat       | <p>Repeats the current file</p> <ul style="list-style-type: none"> <li>Select the song in the file tab on the list screen: Select the <b>Repeat</b> button to switch between repeating one song, repeating folder, and turning repeat off</li> <li>Select the song in the other tabs on the list screen: Select the <b>Repeat</b> button to switch between repeating one song and turning repeat off</li> </ul>  |
| 11 Back Button  | Converts to basic mode screen  |



| Features          | Description   |
|-------------------|---|
| <b>12</b> Shuffle | <p>Plays files in random order</p> <ul style="list-style-type: none"> <li>Select the song in the file tab on the list screen: Select the <b>Shuffle</b> button to switch between Shuffle Folder, Shuffle All, and turning shuffle off</li> <li>Select the song in the other tabs on the list screen: Select the <b>Shuffle</b> button to switch between Shuffle Category and turning shuffle off</li> </ul> |

| Features             | Description   |
|----------------------|---|
| <b>13</b> Scan       | <p>Scans the beginning parts of USB files (approx. 10 seconds per file)</p> <ul style="list-style-type: none"> <li>Select the song in the file tab on the list screen: Select the <b>Scan</b> button to switch between Scan Folder, Scan All, and turning scan off</li> <li>Select the song in the other tabs on the list screen: Select the <b>Scan</b> button to switch between Scan category and turning scan off</li> </ul> |
| <b>14</b> Menu       | <ul style="list-style-type: none"> <li>Save to My Music: You can save the current track to My Music. You can play saved track from My Music without USB. Access to My Music in the Media mode.</li> <li>Hide Current File: a selected file can be deleted. Deleted file can be found in the "Hidden_" folder.</li> </ul> <p><i>i</i> This function is only supported when USB format is compatible with FAT16 or FAT32.</p>     |
| <b>15</b> SoundHound | <p>Runs the SoundHound feature.</p> <p>For more details regarding this feature, refer to the SoundHound information in the Info section.</p>  |
| <b>16</b> TUNE       | Turn the  TUNE knob to search a desired track. If the desired track is displayed, press the  TUNE knob to play the track.   |

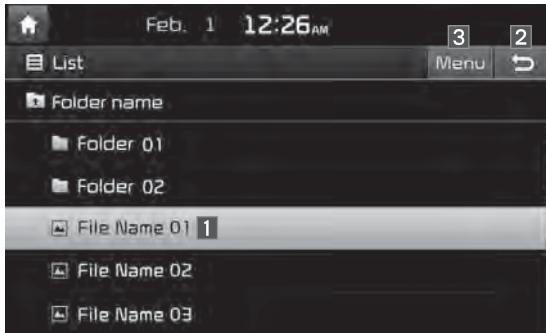


| Features                           | Description   |
|------------------------------------|---|
| <b>1</b> Folder/<br>Category Name  | Displays folder/category name in the list   |
| <b>2</b> Current Song              | Displays the current playing file name  |
| <b>3</b> Back Button               | Converts to basic mode screen   |
| <b>4</b> Upper Folder/<br>Category | Moves to Upper Folder/Category  |
| <b>5</b> 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)  |
| <b>6</b> Search Menu               | Search songs by the list type.  |
| <b>7</b> SEEK/TRACK                | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Plays previous/next track</li> <li>If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.</li> </ul> |
| <b>8</b> TUNE                      | Turn the <b>TUNE</b> knob to move the focus to the previous/next list. If the desired track is displayed, press <b>TUNE</b> knob to play the track.   |

## USB Image



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



| Features              | Description   |
|-----------------------|---|
| <b>1</b> Current File | Displays currently playing file name  |
| <b>2</b> Back Button  | Converts to basic mode screen   |
| <b>3</b> 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)   |
| <b>4</b> SEEK/TRACK   | Controls background mode <ul style="list-style-type: none"> <li>Radio mode : Changes Frequency and Channel</li> <li>Media mode : Changes Track (except for AUX)</li> </ul>  |
| <b>5</b> TUNE         | Controls background mode <ul style="list-style-type: none"> <li>Radio mode : Changes Frequency and Channel</li> <li>Media mode : Changes track (except for AUX). If a desired track is displayed, press the knob to move to the track.</li> </ul> |

# About 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 iPod®/iPhone® repeatedly connected and disconnected to the Multimedia system with USB cable in a short time, it may cause malfunction.
- The time for recognition of iPod/iPhone may vary depending on device type, firmware version and iOS version.
- For some iPod Touch and iPhone devices, connecting Bluetooth® while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth® support are connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to Bluetooth.
- To prevent this symptom, Bluetooth Audio function in the Multimedia system is limited if iPod/iPhone is connected to the system through both cable and Bluetooth. To listen to the iPod sound, use either iPod menu with USB connection or Bluetooth Audio with Bluetooth connection.
- To listen to the iPod sound, reconnect the USB cable or change the audio output settings in iPod/iPhone to Dock.
- In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/ iPhone products)
  - ※ During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/ iPhone product.) will charge the iPod through the head unit.
  - ※ The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
  - ※ To play iPod music through cable connection, the iPod/USB cable must be connected to the USB port in the front multibox. The USB port in the center console storage (if equipped) is for charging only.

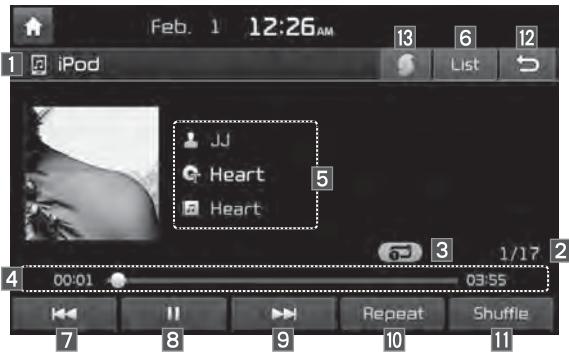
- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1~2 seconds immediately after connection. If possible, connect the iPod to the vehicle with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

- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changed some functions in the device.
- When calling with an iPhone connection, song may stop playing due to an Apple device feature. If sound does not resume after the call is terminated, check the device status.
- If lots of songs have the same information, skipping may occur when previous/next song is executed due to an Apple device feature. Also problems may occur depending on device type or iOS version.
- If lots of songs have the same information, it may play/ display different music on the Multimedia system from the Apple device. Reset the device or delete the same songs in the Apple device using iTunes.
- If you control pause, repeat, shuffle, or seek songs when the play time has less than 3s before finished playing, Access to iPod® music from another mode or pause a song and then play a song again in Apple device.
- We recommend that your Apple device uses the latest firmware since some problems may occur due to an outdated firmware or other software related issues.

| Type         | 1G  | 2G  | 3G | 4G                     | 5G                  | 6G                  | 6.5G         | 7G |  |  |  |
|--------------|---|-----|----|------------------------|---------------------|---------------------|--------------|----|--|--|--|
| iPod Mini    | Not Supported   |     |    |                        |                     |                     |              |    |  |  |  |
| iPod Shuffle | Not Supported   |     |    |                        |                     |                     |              |    |  |  |  |
| iPod Nano    | ○   | ○   | ○  | ○                      | ○                   | ○                   | Not released | ○  |  |  |  |
| iPod Touch   | ○<br>(OS1.1 not supported)  | ○   | ○  | ○                      | ○                   | Not released        |              |    |  |  |  |
| iPad         | ○ (Unable to charge, Not verified, Normal working not guaranteed) |     |    |                        |                     |                     |              |    |  |  |  |
| iPad Mini    | ○ (Unable to charge, Not verified, Normal working not guaranteed) |     |    |                        |                     |                     |              |    |  |  |  |
| iPod Classic | Not Supported   |     |    | ○<br>(iPod with Video) | ○<br>(iPod Classic) | ○<br>(iPod Classic) | Not released |    |  |  |  |
| Type         | 3G  | 3GS | 4G | 4GS                    | 5G                  |                     |              |    |  |  |  |
| iPhone       | Not verified,<br>Normal working not<br>guaranteed                 | ○   | ○  | ○                      | ○                   |                     |              |    |  |  |  |

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

## iPod®



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

| Features               | Description  |
|------------------------|--|
| <b>7</b> Previous File | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time)           <ul style="list-style-type: none"> <li>If play time is less than 3 seconds, moves to previous file</li> <li>If play time is more than 3 seconds, play the current file from the beginning</li> </ul> </li> <li>If button is pressed (over than 0.8 seconds) it rewinds the track</li> </ul> |
| <b>8</b> Play/Pause    | Plays/pauses the current file  |
| <b>9</b> Next File     | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the next file.</li> <li>If button is pressed (over than 0.8 seconds): It fast-forwards the track.</li> </ul>   |
| <b>10</b> Repeat       | <p>Repeats the current file<br/>Select the <b>Repeat</b> button to switch between repeating 1 track, and turning repeat off</p>  |
| <b>11</b> Shuffle      | <p>Plays files in random order<br/>When selecting <b>Shuffle</b> button, it changes to shuffle category → deactivate shuffle then repeat</p> <ul style="list-style-type: none"> <li>Shuffle Category: Shuffle song in the current category</li> </ul>  |
| <b>12</b> Back Button  | Move to home/previous mode screen  |
| <b>13</b> SoundHound   | <p>Runs the SoundHound feature.<br/>For more details regarding this feature, refer to the SoundHound information in the Info section.</p>  |



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



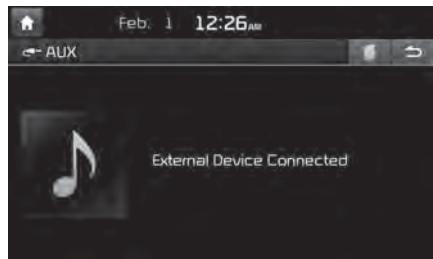
| Features                | Description  |
|-------------------------|--|
| <b>1</b> Category Name  | Displays the category name   |
| <b>2</b> Category List  | Displays the contents of selected category<br><i>If there are many items in the list, items are added in order and the scroll bar on the right is adjusted accordingly.</i>  |
| <b>3</b> Back Button    | Converts to basic mode screen  |
| <b>4</b> Upper Category | Moves to Upper Category  |
| <b>5</b> Search Menu    | Search songs by the list type. <ul style="list-style-type: none"> <li>• If button is pressed (less than 0.8 seconds): Plays previous/next track</li> <li>• If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.</li> </ul> |
| <b>6</b> SEEK/TRACK     | Turn the  TUNE knob to search a desired track. If the desired track is displayed, press the  TUNE knob to play the track.<br><i>If you do not anything with the knob for 5 seconds, the  TUNE knob search will be terminated.</i>  |
| <b>7</b> TUNE           |  |

# AUX

## Connecting an External Device

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

- AUX mode can be used only when an external audio player (camcorder, car VCR, etc.) has been connected.
- The AUX volume can also be controlled separately through the connected device.



### NOTICE

- If only cable connected to the AUX without an external device, the mode changed to AUX, but noise may occur. When an external device is not being used, remove the connector jack.
- When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.



## 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   | <ul style="list-style-type: none"> <li>If play time is less than 3 seconds, moves to the previous file</li> <li>If play time is more than 3 seconds, plays the current file from the beginning</li> </ul> <p><i>i</i> This function may differ depending on the model of mobile phone.</p> |
| 6 Play/Pause  | Plays/Pauses Bluetooth Audio   |
| 7 Next File   | Moves to the next file   |
| 8 Repeat  | Repeats the current file<br><p><i>i</i> This function may differ depending on the model of mobile phone.</p>   |
| 9 Shuffle   | Plays files in random order<br><p><i>i</i> This function may differ depending on the model of mobile phone.</p>  |
| 10 SoundHound   | Runs the SoundHound feature.<br>For more details regarding this feature, refer to the SoundHound information in the Info section.  |
| 11 Connections  | Moves to the Bluetooth Settings screen. You can pair a new device or change/delete paired device(s).   |
| 12 SEEK/TRACK   | Plays the previous/next file   |
| 13 TUNE   | TUNE is not supported.   |
| <b><i>i</i> Information</b> <ul style="list-style-type: none"> <li>Artist info and Title may not be supported by mobile phone.</li> </ul> |  |

## Bluetooth® Connections Settings

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

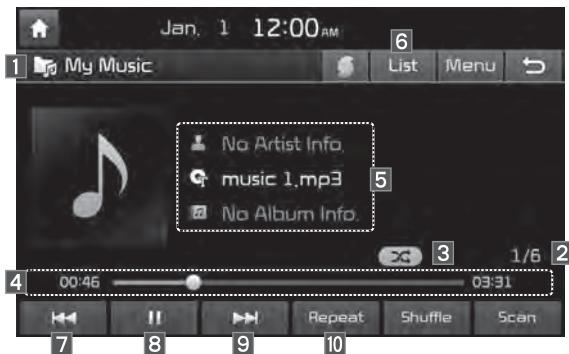


### *i* Information

- 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>

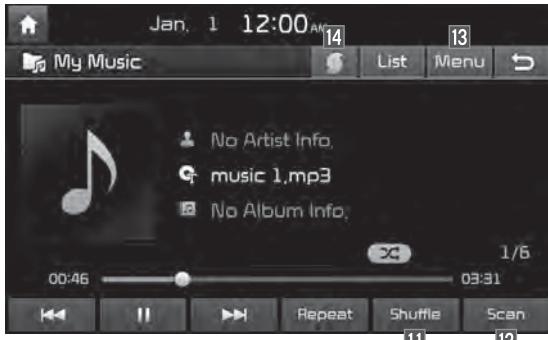
In Bluetooth Audio play screen, select  
**Connections**.

## My Music



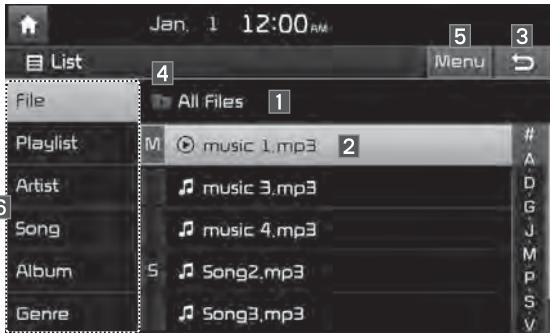
| Features              | Description   |
|-----------------------|---|
| 1 Mode                | Displays the current operating mode                                 |
| 2 File Index          | Shows the current file/total files                                  |
| 3 Repeat/Shuffle/Scan | From Repeat/Shuffle/Scan,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

| Features        | Description  |
|-----------------|--|
| 7 Previous File | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time)           <ul style="list-style-type: none"> <li>If play time is less than 3 seconds, moves to previous file</li> <li>If play time is more than 3 seconds, play the current file from the beginning</li> </ul> </li> <li>If button is pressed (over than 0.8 seconds) it rewinds the track</li> </ul> |
| 8 Play/Pause    | Plays/pauses the current file  |
| 9 Next File     | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the next file.</li> <li>If button is pressed (over than 0.8 seconds): It fast-forwards the track.</li> </ul>   |
| 10 Repeat       | <p>Repeats the current file</p> <ul style="list-style-type: none"> <li>If select the song in the file tab on the list screen: Select the <b>Repeat</b> button to switch between repeating one song and turning repeat off.</li> <li>If select the song in the other tabs on the list screen: Select the <b>Repeat</b> button to switch between repeating one song and turning repeat off</li> </ul>  |



| Features   | Description   |
|------------|---|
| 11 Shuffle | <p>Plays files in random order</p> <ul style="list-style-type: none"> <li>Select the song in the file tab on the list screen: Select the <b>Shuffle</b> button to switch between shuffle and turning shuffle off</li> <li>Select the song in the other tabs on the list screen: Select the <b>Shuffle</b> button to switch between shuffle and turning shuffle off</li> </ul> |

| Features      | Description  |
|---------------|--|
| 12 Scan       | <p>Scans the beginning parts of USB files (approx. 10 seconds per file)</p> <ul style="list-style-type: none"> <li>Select the song in the file tab on the list screen: Select the <b>Scan</b> button to switch between scan and turning scan off</li> <li>Select the song in the other tabs on the list screen: Select the <b>Scan</b> button to switch between scan and turning scan off</li> </ul> |
| 13 Menu       | <ul style="list-style-type: none"> <li>Add to Playlist: Adds the current song to the Playlist: Playlist is placed on the left tab in the list</li> <li>Delete Current File: Deletes the current track from My Music.</li> </ul>  |
| 14 SoundHound | <p>Runs the SoundHound feature.</p> <p>For more details regarding this feature, refer to the SoundHound information in the Info section.</p>   |
| 15 TUNE       | <p>Turn the <b>TUNE</b> knob to search a desired track. If the desired track is displayed, press the <b>TUNE</b> knob to play the track.</p> <p><i>If the <b>TUNE</b> knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.</i></p>  |



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

| Features      | Description  |
|---------------|--|
| 5 Menu        | <ul style="list-style-type: none"> <li>Add to Playlist: Adds the current track to the Playlist: Playlist is placed on the left tab in the list (Maximum 100 files) Select a track and press "Add to Playlist" to add the track in the playlist</li> <li>Delete from Playlist: Select a track from the playlist and press "Delete from Playlist" to delete the track in the playlist</li> <li>Delete Files: Deletes files from My Music</li> </ul> <p><i>i</i> If delete file from My Music, the information related to song also deleted in the list.</p> <ul style="list-style-type: none"> <li>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)</li> </ul> |
| 6 Search Menu | Search songs by the list type.   |
| 7 SEEK/TRACK  | <ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Plays previous/next track</li> <li>If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.</li> </ul>  |
| 8 TUNE        | <p>Turn the ● TUNE knob to move the focus to previous/next file. If the file you want to play is displayed, press ● TUNE knob to play the track.</p> <p><i>i</i> If the ● TUNE knob is not pressed within 5 seconds of searching tracks, Tune search will be terminated.</p>   |

OE

## part.3 Bluetooth®

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

## Before Using the Bluetooth® Handsfree

### What is Bluetooth® Wireless Technology?

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

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

#### **WARNING**

##### - Distracted Driving

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

### Precautions for Safe Driving

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

## **CAUTIONS upon Connecting Bluetooth® Phone**

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth® features.
- Even if the phone supports *Bluetooth® Wireless Technology*, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth® power is turned off. Disable the hidden state or turn on the Bluetooth® power prior to searching/connecting with the head unit.
- If Auto Connection is used, the Bluetooth® phone is automatically connected when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.

- If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off of the Bluetooth® device.
- Park the vehicle when connecting the head unit with the mobile phone.
- Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
  1. Turn the Bluetooth® function within the mobile phone OFF/ON and try again.
  2. Turn the mobile phone power OFF/ON and try again.
  3. Completely remove the mobile phone battery, reboot, and then again.
  4. Reboot the Audio multimedia system and try again.
  5. Delete all paired devices from both of Phone and Head Unit sides and then try again
- The Handsfree call volume and quality may differ depending on the mobile phone.
- Pairing Bluetooth® devices and use of other Bluetooth® features are not supported when the vehicle is in motion. For safety, please first park your vehicle.
- If you continue having issue downloading your contacts to your vehicle, contact your mobile phone provider.

# Bluetooth® Connection

## Pairing a New Device

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

Up to 5 Bluetooth devices can be paired. Only one Bluetooth device can be connected at a time.

## Pairing a New Device by Selecting Phone/Call

Press the **PHONE** key in the head unit or  key in the steering wheel control. ▶ Pair your car after your mobile phone detects the Bluetooth device. ▶ Enter the passkey or accept the authorization popup. ▶ Connect Bluetooth.

## Pairing a New Device Through the Phone Settings

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



The default passkey is 0000.

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

## Connecting Bluetooth® Devices

Connects the Bluetooth devices that you add.

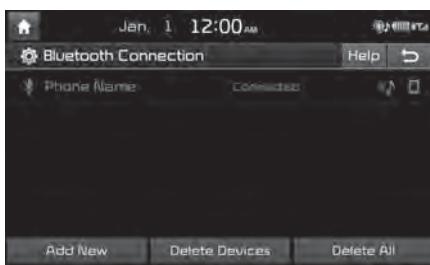
## Connecting Devices by Selecting Phone/Call

Press the **PHONE** key in the head unit or  key in the steering wheel control. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.



## Connecting Devices Through the Phone Settings

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



## Disconnecting Bluetooth® Devices

Disconnects Bluetooth devices that are connected.

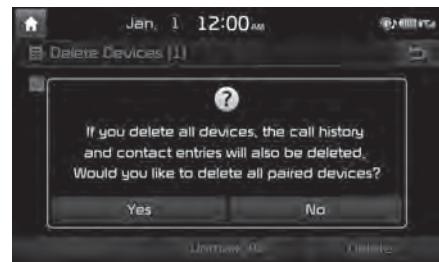
- Press the **SETUP** key in the head unit. ► Select **Bluetooth**. ► Select **Bluetooth Connection**.  
► Select the name of the device to disconnect.



## Deleting Bluetooth® Devices

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

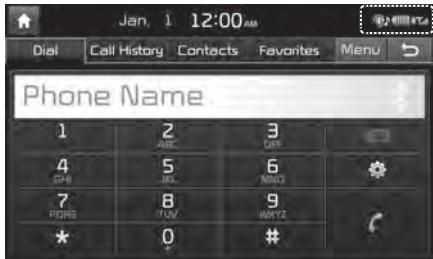
- Press the **SETUP** key in the head unit. ► Select **Bluetooth**. ► Select **Bluetooth Connection**.  
► Select **Delete Devices**. ► Select the device name to delete. ► Select **Delete**.



# Bluetooth® Phone

## Phone Status Icons

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



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

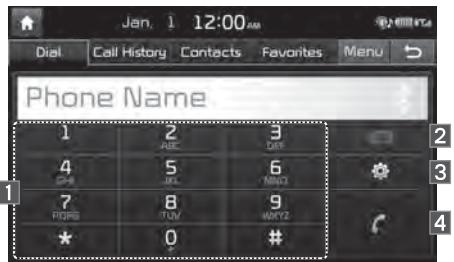
## Information

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

## Dial

Dials a call after the Bluetooth devices are connected.

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



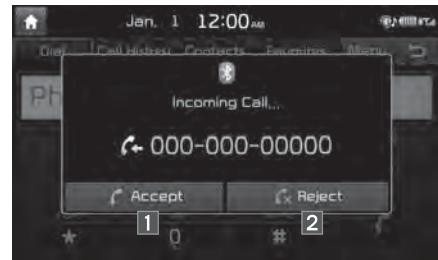
### Name Description

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

### i Information

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

## Accept/Reject Call



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

| Name            | Description       |
|-----------------|-------------------|
| <b>1 Accept</b> | Answers the call. |
| <b>2 Reject</b> | Ignores the call. |

### i Information

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

## Using the Menu During a Phone Call



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

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

### Information

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

## Call History

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



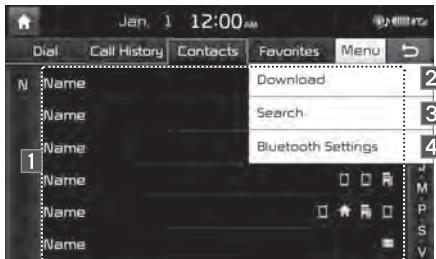
| Name                        | Description   |
|-----------------------------|---|
| <b>1 All</b>                | Lists the all call history.   |
| <b>2 Dialed</b>             | Lists the calls that you made.  |
| <b>3 Received</b>           | Lists the calls that you have received.                                     |
| <b>4 Missed</b>             | Lists the calls you missed.   |
| <b>5 Call History</b>       | Displays all of your call history. Select from the list to dial the number. |
| <b>6 Download</b>           | Downloads the call history information from your mobile phone.              |
| <b>7 Bluetooth Settings</b> | 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 (4).
- If the call history download is turned off on the Bluetooth device, the call history download will fail.
- Some devices require a device authentication for downloading your call history. If download fails, check if the Bluetooth settings or display status are normal.
- Some devices do not support call history download. Check if your Bluetooth device supports download feature. For details regarding Bluetooth-supported devices and their functional compatibility, visit <http://www.kia.com>

## Contacts

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



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

### i Information

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

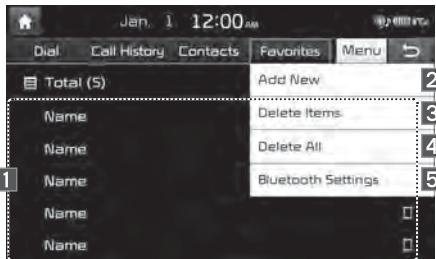
(Note that deleting a paired phone will also delete all downloaded Contacts and Call History data)

- Downloaded phone numbers may be lost depending on the condition of the head unit. Keep your important data in a safe place.
- Contacts from both the SIM card and your mobile phone are downloaded at the same time by default.
- Only supported contacts format can be downloaded and displayed from the Bluetooth device, contacts from some applications will not be included.
- The status bar displays a  while downloading contacts.
- The download will not be available if the contacts download function is turned off on your Bluetooth device.

- Some devices require a device authentication for downloading your contacts. If download fails, check your phone screen and confirm the download if necessary.
- Some devices do not support contacts download feature. Check if your Bluetooth device supports contacts download. For Bluetooth supporting devices details and compatibility, visit <http://www.kia.com>

## Favorites

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



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

**MEMO**

04

## part.4 UVO eServices

The 911 Connect feature may not operate in the following situations

Using UVO eServices and Cautions

About UVO eServices

Before using UVO eServices

Connecting Bluetooth

Pair a device from Bluetooth-enabled phone

Connecting to smartphone via USB

911 Connect

Roadside Assist

Vehicle Diagnostics

My Car Zone

Parking Minder

My POIs

eServices Guide

## The 911 Connect feature may not operate in the following situations

- ❑ When the vehicle ignition is not turned on
- ❑ When the phone Bluetooth® feature is set to off
- ❑ When the phone Bluetooth® cannot be connected or becomes disconnected
- ❑ When there are no phones paired with the vehicle
- ❑ When cellular service is unavailable
- ❑ When the power turns off due to phone power (battery) issues
- ❑ When a Bluetooth® device without phone feature support has been connected, such as an MP3 device
- ❑ When the system is booting
- ❑ When the system power supply is unstable
- ❑ When the attempted call is blocked due to user operations
- ❑ When the 9-1-1 call is unstable due to phone or other communication network issues
- ❑ When the call feature is not operating due to phone settings set by the user
- ❑ When the phone cannot be controlled via Bluetooth® due to phone specifications or characteristics

## Using UVO eServices and Precautions

- Download the UVO eServices App and install it on your smartphone.  
The app can be downloaded from your smartphone's app store.
- For using UVO eServices call features such as 911 Connect, Roadside Assist and eServices Guide, smartphone must be connected with the vehicle via Bluetooth. Pair and connect your smartphone with the vehicle. For information on connecting your Bluetooth device, refer to the smartphone user's manual and instructions on the Phone Help screen on your radio. Up to five Bluetooth devices can be paired to the vehicle and only one device can be connected at a time.
- For using data communication of Vehicle Diagnostics, Parking Minder, My Car Zone and My POIs, smartphone must be connected with the vehicle via USB cable.  
※ The use of genuine cable is recommended. (The use of other products may result in abnormal or non-proper operation.)
- Login and activate the UVO eServices App on your smartphone.
- Some UVO eServices features will only be available when your smartphone is connected with the vehicle via USB and the UVO eServices App is running.
- UVO eServices is fully compatible within some smartphones but may not operate properly within incompatible smartphones. To view the list of compatible smartphones, please visit [MyUVO.com](http://MyUVO.com).
- Communication between the vehicle and smartphone app may temporarily disconnect depending on the phone state.
- If the feature is not operating properly, you may need to reset the UVO eServices App or the smartphone and try again according to the following steps.
  1. Try feature again
  2. Reset smartphone app
  3. Re-connect Bluetooth and USB cable.
  4. Reset smartphone
  5. Delete Device and pair again
- Since some services use the customer's mobile phone data plan for data communication. And thus the features will function in accordance with the cellular plan.
- Use of the most up-to-date app version is recommended.
- For smartphone related inquiries, please visit [MyUVO.com](http://MyUVO.com).

## About UVO eServices

UVO eServices provides the following features through Bluetooth and through USB connection to your smartphone.

| Name                  | Connection | Description  |
|-----------------------|------------|--|
| 1 911 Connect         | BT         | If an airbag deploys, your vehicle automatically initiates a call to 9-1-1 and sends your vehicle's location information to the 9-1-1 operator.  |
| 2 Roadside Assist     | BT & USB   | If a diagnostic issue exists, you can connect with a Roadside Assist agent.  |
| 3 Vehicle Diagnostics | USB        | Informs you if a diagnostic issue is found in your vehicle. If an issue is found, you can contact a call center through Roadside Assistance or reserve an appointment with your preferred Kia dealer through Schedule Service. |
| 4 My Car Zone         | USB        | Keep track of pre-defined triggered alerts such as Speed Alert, Curfew Limit Alert or Geo Fence Alert from the My Car Zone feature.  |
| 5 Parking Minder      | USB        | Save the location of your parked vehicle on your UVO eServices smartphone app. You can check where your vehicle is parked through the UVO eServices App on your smartphone.  |
| 6 My POIs             | USB        | Downloads Points of Interest to your multimedia system from Google Maps and MyUVO.com  |
| 7 eServices Guide     | BT         | Receive guidance on how to use UVO eServices.  |

### Information

- 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.

To use UVO eServices, the following conditions must be met.

1. The UVO eServices smartphone app must be installed and you must log in using your MyUVO account credentials.
2. The smartphone must be connected via Bluetooth and USB cable to the vehicle.
3. Once this is complete, eServices must be activated.

## Before using UVO eServices

Installing the UVO eServices App on your smartphone

1. Download and install the UVO eServices App on your smartphone.

The app can be downloaded from the Apple App Store or Google Play.

2. Register your vehicle and account at MyUVO.com

Note: MyUVO.com is accessible from your phone's browser.

3. Start the UVO eServices App on your smartphone and log in.

## Connecting Bluetooth

Press the  key on the steering wheel or press the  key on the UVO eServices system.

Press **SETUP** ► **Bluetooth** ► **Bluetooth Connection**.



Press  on the touch screen when prompted to pair a phone.



## Pair a device from Bluetooth-enabled phone

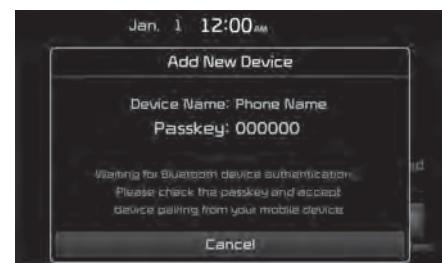
1. Turn on the Bluetooth feature on your smartphone's Bluetooth settings screen.

2. Wait for "KIA MOTORS" to appear on your smartphone's Bluetooth settings screen. Note: "KIA MOTORS" may differ depending on your vehicle.

3. Select "KIA MOTORS" from your phone and verify the passkey shown on the touch screen.

The default passkey is "0000".

If phone supported SSP, check the passkey on your Bluetooth® device and confirm the authentication.



# Connecting to smartphone via USB

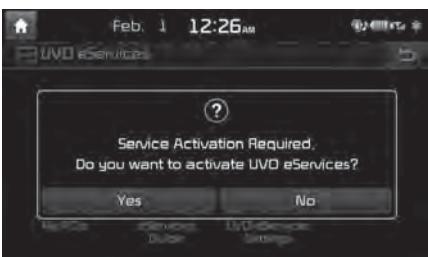
1. Connect your smartphone with the vehicle via USB cable.

## NOTICE

- For smartphone related inquiries, please visit MyUVO.com.

## Activating UVO eServices

Press the **UVO** key, then press the **Vehicle Diagnostics** or **My Car Zone** or **Parking Minder** or **My POIs** button.



Press the **Yes**, then UVO eServices activation process will begin.



## NOTICE

- Before activating UVO eServices, ensure your phone is connected to vehicle's USB input via USB cable

# 911 Connect

## 911 Connect

If an airbag deploys, your vehicle automatically initiates a call to 9-1-1 and sends your vehicle's location information to the 9-1-1 operator.

The 911 Connect feature is available only when the mobile phone is connected via Bluetooth.

By default, this feature is turned off. To turn it on, you must turn it on in the eServices Settings menu. By enabling this feature, you are agreeing the 911 Connect terms of use.

An (✉) icon is displayed at the top of the touch screen as shown below when phone is connected to UV0 eServices system via Bluetooth.



## Initiating a 911 Call

If an airbag deploys, the following screen is displayed and a call is automatically placed to 9-1-1 after 10 seconds.



Once a call is connected with a 9-1-1 operator, it is possible to request emergency services to be dispatched to your location.



The 9-1-1 operator may request information on the current location of your vehicle. When the 9-1-1 operator requests your vehicle location, "Sending Location" is displayed on the screen and the vehicle location is automatically sent to the 9-1-1 operator.



When the 9-1-1 operator attempts to call the driver again, the call time is displayed and allows the driver to speak with the 9-1-1 operator.



## Roadside Assist

### Roadside Assist

If there is any issues in the vehicle, you can connect with a Roadside Assist agent. The Roadside Assist feature can be used only when your phone is connected via Bluetooth.

Press the **UVO** key ► **Roadside Assist**.



# Vehicle Diagnostics

## Conducting Vehicle Diagnostics

Vehicle Diagnostics is available only when the ignition is turned on and the vehicle is parked.

It also requires that UVO eServices is activated, and the Phone is connected via USB cable before starting Vehicle Diagnostics.

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



The Vehicle Diagnostics process will begin.

When a diagnostics check is in progress, keep the vehicle in park with the ignition on. To cancel diagnostics, press the **Cancel** button on the touch screen or any hardkey.

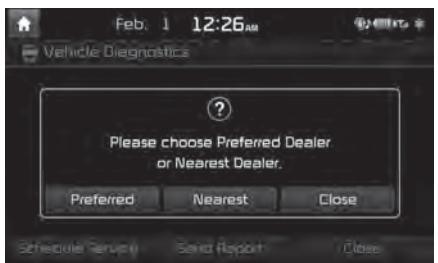


If diagnostic issues are found, press the **Send Report** button to send to your MyUVO account or press the **Schedule Service** button to schedule an appointment with your preferred or nearby Kia dealer.

## Schedule Service

When scheduling an appointment using the **Schedule Service** button, pressing the **Preferred** button will allow you to request an appointment with your preferred Kia dealer and send your vehicle's diagnostics information.

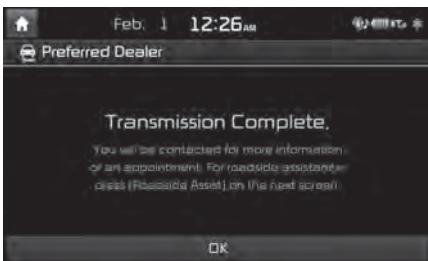
Pressing the **Nearest** button will allow you to request an appointment with the nearest Kia dealer and send your vehicle's diagnostics information.



Press the **Preferred** or **Nearest** button.



Request an appointment with Preferred or Nearest Kia Dealer and send your vehicle's diagnostics data.



## Send Report

Press the **Send Report** in the vehicle diagnostics result screen.

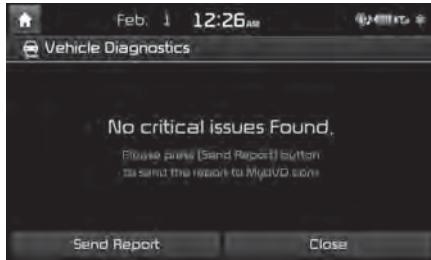


Vehicle Diagnostics Data is transmitted to your account and you can see the report on MyUVO.com



Even if diagnostic issues are not found after Vehicle Diagnostics, it is recommended that you send the diagnostic results to your MyUVO account.

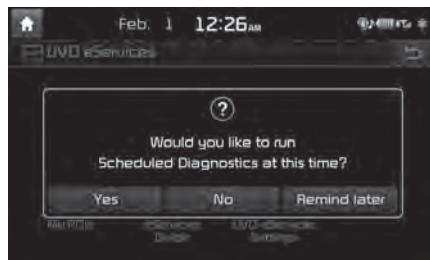
Press the **Send Report** button to send the diagnostics results to your MyUVO account.



## Scheduled Diagnostics

If you have set up Scheduled Diagnostics on your UVO eServices App, a vehicle diagnostics check will automatically start on the day you selected.

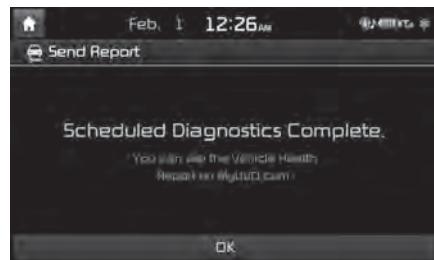
On the date of the Scheduled Diagnostics, the following window will be displayed.



Press the **Yes** button on the touch screen to proceed with diagnostics.



Press the **Send Report** to see the Vehicle Health Report on MyUVO.com.



## Automatic Diagnostics

If a critical diagnostics issue with your vehicle's powertrain is detected, Automatic Diagnostics will be notified.



### NOTICE

- The screen messages differ from vehicle diagnostics severity. Ensure your phone is connected to UVO eServices system via USB cable before using **Schedule Service** and **Send Report**.

## My Car Zone

My Car Zone is a feature that provides alerts and driving history for Curfew Limit Alerts, Speed Alerts, and Geo Fence Alerts set by the user.

| Name               | Description  |
|--------------------|--|
| Curfew Limit Alert | Curfew Limit Alerts are alerts that are triggered when a driver is driving within a predefined time range.   |
| Speed Alert        | Speed Alerts are alerts that are triggered when a driver exceeds the predefined maximum speed.               |
| Geo Fence Alert    | Geo Fence Alerts are alerts that are triggered when a driver enters into a predefined geographical location. |

Press the **UVO** key ► **My Car Zone**.

### Curfew Limit Alerts History

| Feb. 1 12:26 AM         |          | Curfew | Speed | Geo Fence | Menu |
|-------------------------|----------|--------|-------|-----------|------|
| Curfew Limit Alert (10) |          |        |       |           |      |
| ⌚ Jan 10, 2014          | 7:09 PM  |        |       |           |      |
| ⌚ Jan 10, 2014          | 4:41 AM  |        |       |           |      |
| ⌚ Jan 8, 2014           | 9:23 PM  |        |       |           |      |
| ⌚ Jan 8, 2014           | 12:41 AM |        |       |           |      |
| ⌚ Jan 7, 2014           | 6:50 AM  |        |       |           |      |

### Speed Alerts History

| Feb. 1 12:26 AM  |        | Curfew | Speed | Geo Fence | Menu |
|------------------|--------|--------|-------|-----------|------|
| Speed Alert (10) |        |        |       |           |      |
| ⌚ Jan 10, 2014   | 31 MPH |        |       |           |      |
| ⌚ Jan 9, 2014    | 46 MPH |        |       |           |      |
| ⌚ Jan 8, 2014    | 48 MPH |        |       |           |      |
| ⌚ Jan 7, 2014    | 38 MPH |        |       |           |      |
| ⌚ Jan 6, 2014    | 48 MPH |        |       |           |      |

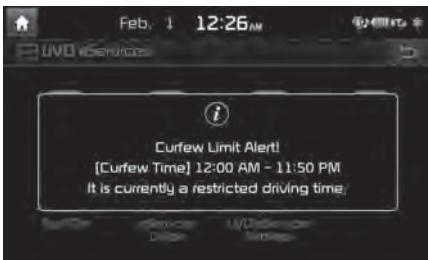
My Car Zone feature is supported only when UVO eServices has been activated.

## Geo Fence Alerts History

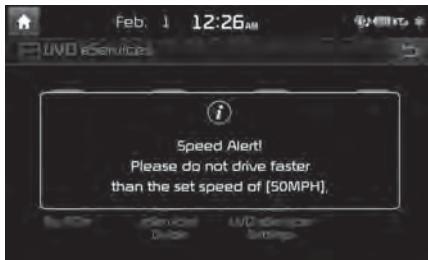


When a driver does not keep the pre-defined driving conditions, popup is displayed with voice guidance and save alerts in the My Car Zone history.

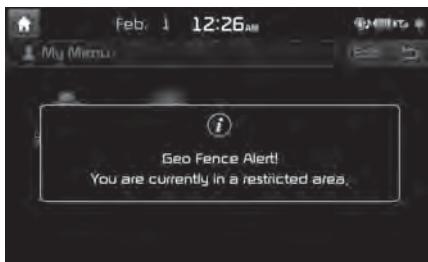
## Curfew Limit Alert



## Speed Alert

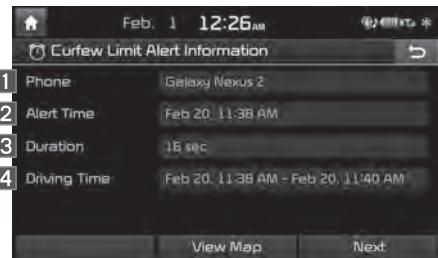


## Geo Fence Alert



## Curfew Limit Alert

You can check the Curfew Limit Alert history for a list of past triggered curfew limit alerts.



| Name           | Description  |
|----------------|--|
| 1 Phone        | Name of phone connected upon triggered curfew limit                    |
| 2 Alert Time   | Initial alert time   |
| 3 Duration     | Total duration of driving while curfew limit was triggered             |
| 4 Driving Time | Total driving time from turning ignition on until turning ignition off |

## Speed Alert

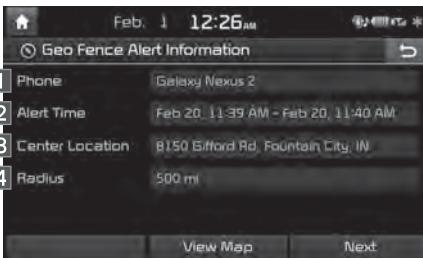
You can check the Speed Alert history for triggered speed limit alerts of the vehicle.



| Name         | Description   |
|--------------|---|
| 1 Phone      | Name of phone connected upon triggered speed limit alert                    |
| 2 Max Speed  | Maximum vehicle speed upon triggered speed limit alert                      |
| 3 Alert Time | Time from first triggered alert until last triggered alert                  |
| 4 Duration   | Total triggered alert time from turning ignition on to turning ignition off |

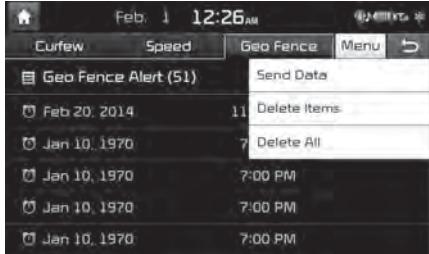
## Geo Fence Alert

You can check the Geo Fence Alert history for triggered Geo Fence alerts of the vehicle.



| Name              | Description  |
|-------------------|--|
| 1 Phone           | Name of phone connected upon triggered geo fence alert |
| 2 Alert Time      | Initial alert time                                     |
| 3 Center Location | Radius from set center location address                |
| 4 Radius          | Radius from set geo fence address                      |

To check My Car Zone alert history from your smartphone, you must first send the alert history to your MyUVO account.



From the Menu tab, Press the **Send Data** button on the touch screen.



### NOTICE

- Before using **Send Data**, ensure your phone is connected to the UVO eServices system via Bluetooth.

# Parking Minder

## Sending Parking Location

The location where your vehicle is currently parked can be sent to your smartphone.

Ensure that the UVO eServices system is activated via USB with the UVO eServices App running on your smartphone before using this feature.

After parking the vehicle, press the **UVO** key ► **Parking Minder** to send the vehicle's location to your smartphone.



Once the parking location has been sent, you can view your vehicle's location from the UVO eServices App on your smartphone.



### NOTICE

- When the parking location is being sent, do not drive the vehicle or turn off the ignition. Ensure that you have logged in to the UVO eServices App, and your phone is connected to multimedia system through USB cable.
- When ignition is turned off while phone is connected via USB, Parking Minder can be transferred automatically if the option is set up in UVO eService Settings.

## My POIs

### Sending Points of Interest to Your Navigation System

Press the **UVO** key ► **My POIs**.



Press **Update** button on the touch screen.

UVO eServices system will attempt to download the POIs from MyUVO via your smartphone.



#### NOTICE

- Ensure that you have logged in to the UVO eServices App, and your phone is connected to the UVO eServices system via USB cable.

Once the POIs have been downloaded, select a POI from the list to see more details.

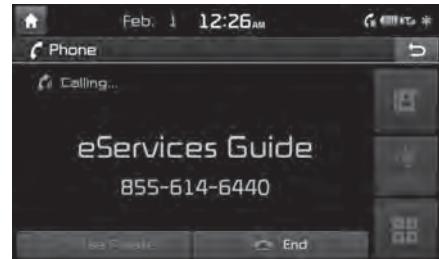
## eServices Guide

### eServices Guide

eServices Guide provides guidance on how to use UVO eServices.

This feature is only available when the mobile phone is connected via Bluetooth.

Press the **UVO** key ► **eServices Guide**.



## UVO eServices Settings

Refer to **SETUP** ► **UVO eServices Settings**.

05

# part.5 Navigation

Basic Features

Menu

Search

Route

Navigation Settings

Troubleshooting

# Navigation

## Basic Features

### Operating Navigation Screen

Basic features on the map screen.



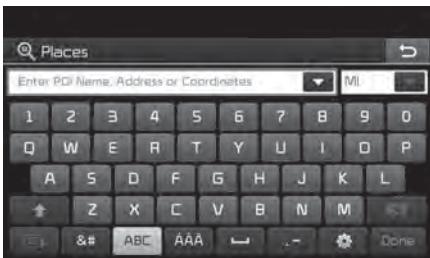
|    | Name               | Description  |
|----|--------------------|--|
| 1  | Place or Address   | Move to Places Menu.   |
| 2  | Home               | Go to the Home screen.   |
| 3  | View               | Change the map view mode.                                      |
| 4  | Volume            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

## Places



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

Select the **Place or Address** to move to “Places”.



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

## Changing Map View



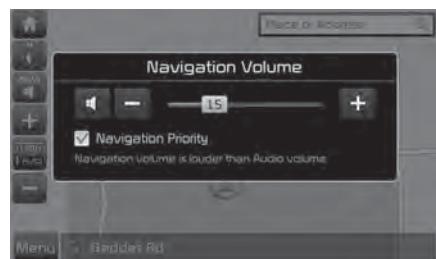
Touch the compass arrow icon to toggle between a map oriented to the North, or oriented parallel to the direction that the vehicle’s heading.

## Voice Guidance Volume On/Off

Press the button to adjust the volume.



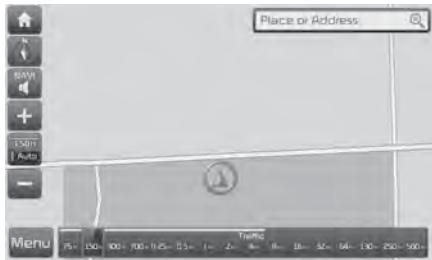
Press the button.



## Zoom In/Zoom Out

Zoom the map view screen in and out.

### Zoom In and Zoom Out



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

## Map Scale

Sets the zoom level automatically according to the road class.



| Name       | Description   |
|------------|---|
| Scale Fix  | Manually adjust the map scale.                                  |
| Auto Scale | Change the map scale automatically depending on the road class. |

## Menu

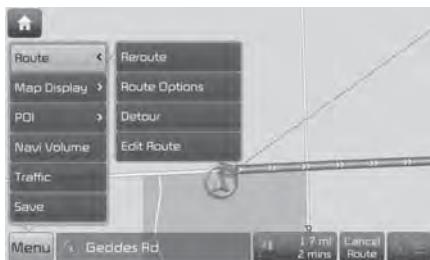
### Route

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



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

## Reroute



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

You can search a route again.

## Route Options

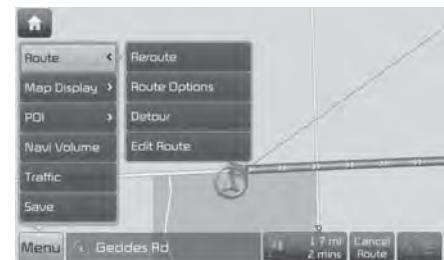


You can select an option from Route, Traffic Information, Freeway, Toll Roads, Ferry, HOV/Carpool Lanes, Electronic Toll or Private/Gated Roads.

Press **Save** to save your selection.

If there is a route already saved, another route will be searched.

## Detour



The **Detour** button is active only when the route is planned.



Selected distance is detoured from the current location.

## Edit Route



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

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



## Map Display

Displays the direction of the map.

Press **N**, **Up** or **Down**.



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

## Nearby POIs

Display nearby POIs on the map.

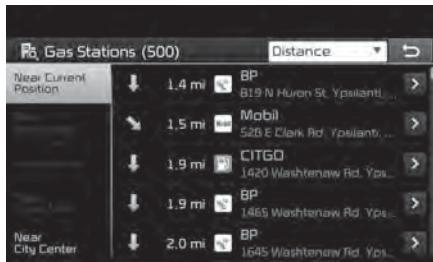
### View Nearby POIs

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



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

The lists of nearby gas stations are displayed.

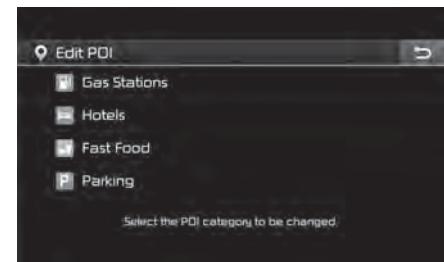


Display in order of distance and name.

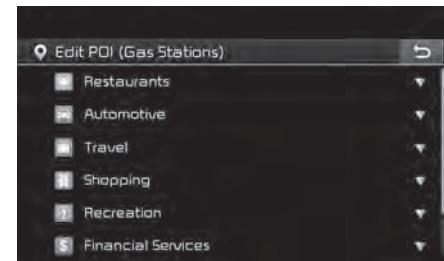


| Name | Description  |
|------|--|
| 1    | Call to the selected location (Phone needs to be connected via Bluetooth). |
| 2    | Set the place as a destination.  |
| 3    | Add Waypoint   |
| 4    | Save   |
| 5    | POI  |

## • Editing



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



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



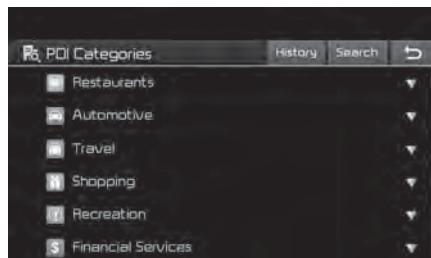
Select new category to display.  
(ex. American)



Gas Stations is changed to American.

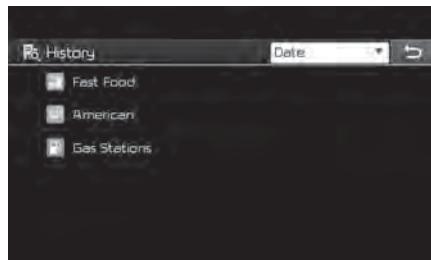
## • Searching POI categories

Select the **Menu** button on the bottom left of the screen. ► Select the **POI** button. ► Select the **POI Categories** button. ► Select the desired item.

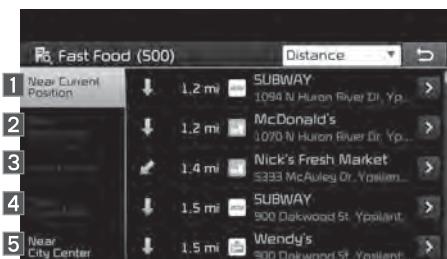
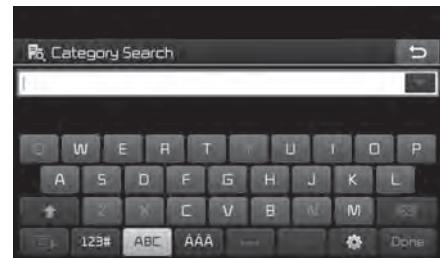


Select the item to search.

Press the **History** button to check the previous search result.



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

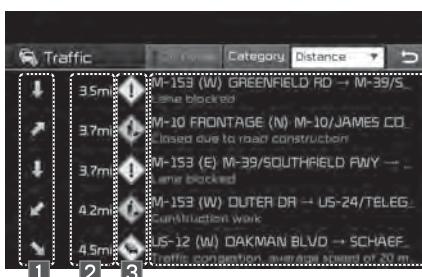


Select the desired POI to check the location and for detailed information.

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

**Traffic**  
Press the **Menu** button. ► Select the **Traffic** button.

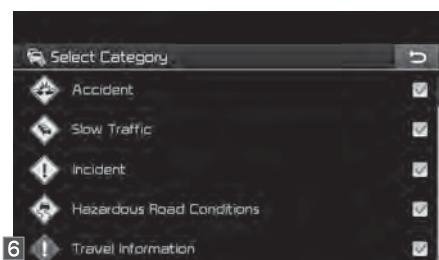
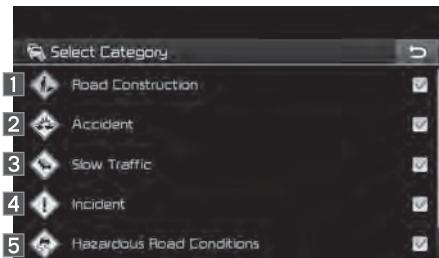
### Traffic List



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

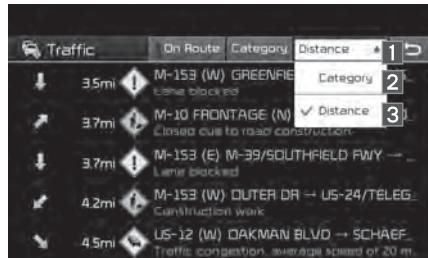
| Name     | Description  |
|----------|--|
| <b>1</b> | Direction from the current location.                     |
| <b>2</b> | Distance from the current location (mi or km).           |
| <b>3</b> | Displays traffic info symbol based on the type of event. |
| <b>4</b> | Description of traffic event.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

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



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

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



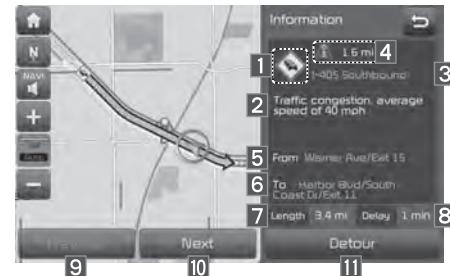
On the traffic list, the current basic traffic/road event information is displayed in order of distance.

Select the combo box to change the arrangement in order of distance/category.

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

## Traffic detail

Press the **Menu** 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    | Estimated delay time.                              |
| 9    | Check the previous traffic information.            |
| 10   | Check the next traffic information.                |
| 11   | Detour the route based on the traffic information. |

## Traffic detour

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

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

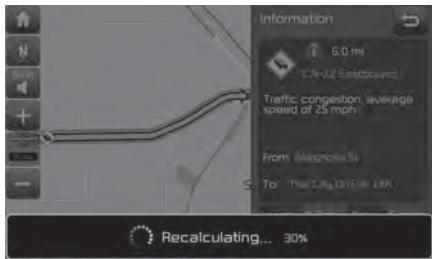
When the **Detour** button is enabled in the View Traffic Detail, press the **Detour** button to detour.



Select the desired section.



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



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

## Traffic Pop-up

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



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

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

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

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



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



Press **Detour** to change the route.



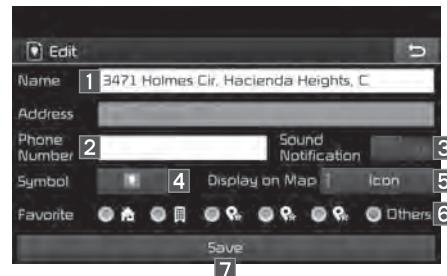
Press **Details** for further information.

## Save

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



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



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

# Search

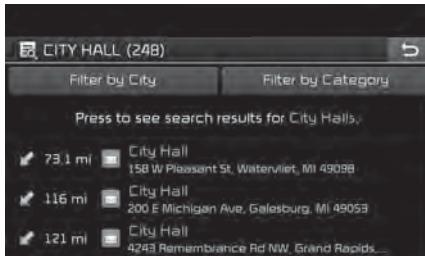
## Places

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

Press the **NAVI** 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 **Done** button.



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



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



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



It will bring you from the search result screen to the screen of the point where you can set a destination or a waypoint, or register the current position to the address book.

## Address

Set destination by address search.

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



## How to Search Address



| Name | Description   |
|------|---|
| 1    | Select state to search.   |
| 2    | Enter house number. If you don't know the house number, press <b>Skip</b> button.   |
| 3    | Enter the street name. Entering exact street name is required. The letters on the keyboard are automatically enabled and disabled based on the search result, and words are automatically completed. When same street names are available in other cities, the lists of city are displayed. |
| 4    | Select a city before entering the street name. Addresses are searched only from the selected city.  |



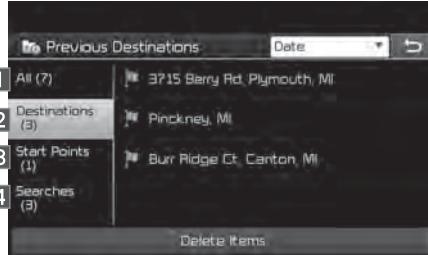
Enter the address to check the location information on the map.

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

## Previous Destinations

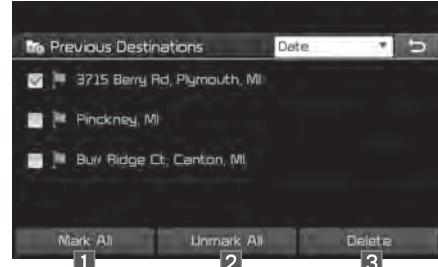
Select from previously inputted addresses and POIs.

Press the **NAVI** 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.<br><i>i</i> But, not displayed when the searched places are set as destination. |



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

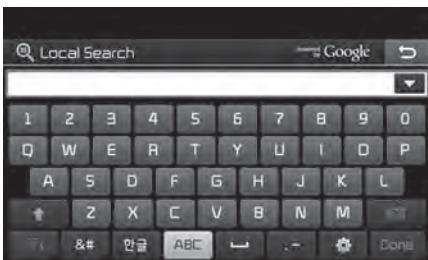
| Name         | Description                  |
|--------------|------------------------------|
| 1 Mark All   | Select all.                  |
| 2 Unmark All | Deselect all.                |
| 3 Delete     | Delete the selected item(s). |

## Local Search

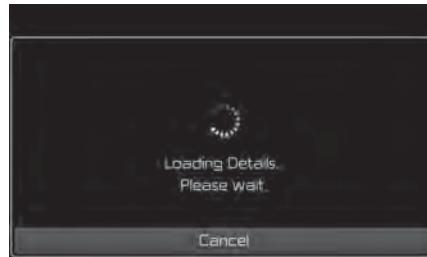
Press the **NAVI** head unit key. ▶ Select the **Destination** tab. ▶ Select the **Local Search** icon.



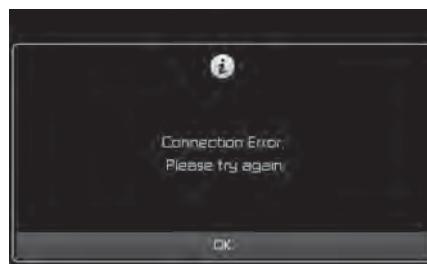
Runs Google Local Search.



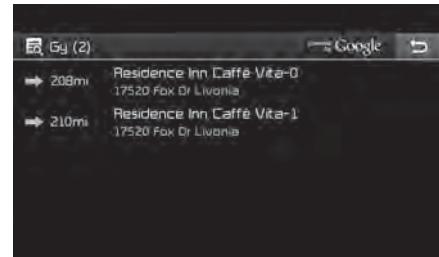
Enter the desired keywords and press the **Done** button.



Searching is in progress.



If search failed, the above screen is displayed. Please try again.



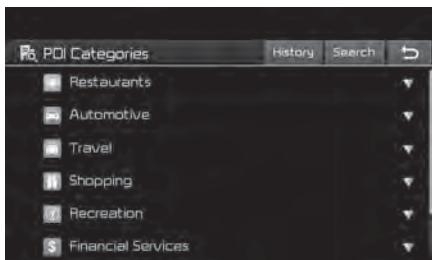
Search result displayed. Select one of the search results.



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

## POI Categories

Press the **NAVI** head unit key. ▶ Select the **Destination** tab. ▶ Select the **POI Categories** icon.



Select the desired item.



Select the desired item in the sub-categories.

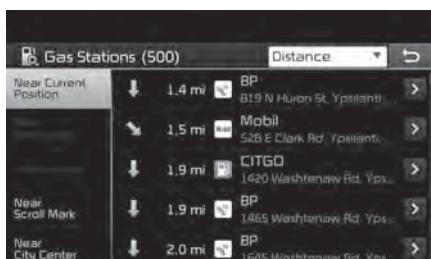


| Name | Description  |
|------|--|
| 1    | Select the desired destination among the searched items and add it as a way point.                               |
| 2    | Arrange in order of Distance and Name.   |
| 3    | Arrange in order of Near Current Position, Near Destination, Along Route, Near Scroll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

## Gas Stations

Search for gas stations.

Press the **NAVI** head unit key. ► Select the **Destination** tab. ► Select the **Gas Stations** icon.

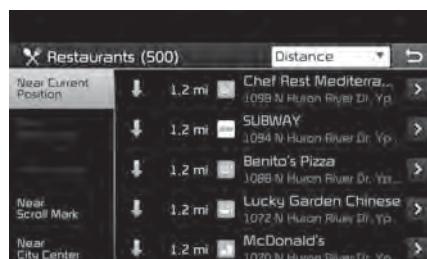


Select the desired destination among the search items.

## Restaurants

Search restaurants.

Press the **NAVI** head unit key. ► Select the **Destination** tab. ► Select the **Restaurants** icon.



Select the desired destination among the searched items.

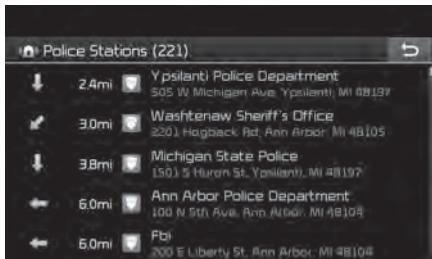
## Emergency

Search emergency facilities.

Press the **NAVI** 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)

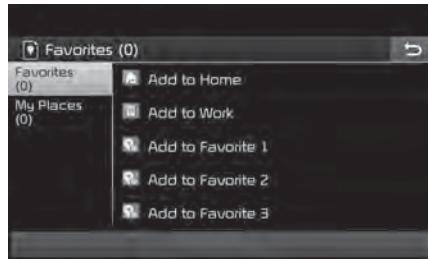


Select the desired destination among the searched items.

## Address Book

Search the destination with the address book.

Press the **NAVI** head unit key. ▶ Select the **Destination** tab. ▶ Select the **Address Book** icon.



Select the desired group.

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



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

## Phone Number

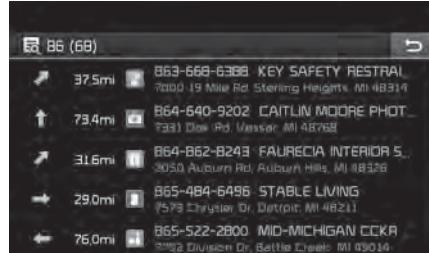
Press the **NAVI** head unit key.▶ Select the **Phone Number** to search POI by phone.



Search destination by phone number.



Type phone number to search. To search for a list of numbers, press **Done** when results are narrowed and the button **Done** is activated.



Select the desired destination among the searched items.



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

## Freeway Exit/Entrance

Press the **NAVI** head unit key.▶ Select the **Freeway Exit/Entrance** to search by freeway exit/entrance.



Type freeway name and exit/entrance.



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

## Intersection

Press the **NAVI** head unit key. ► Select the **Intersection** to search by intersection.



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



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

## Coordinates

Press the **NAVI** head unit key. ▶ Select the **Coordinates** to search by coordinates.



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



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

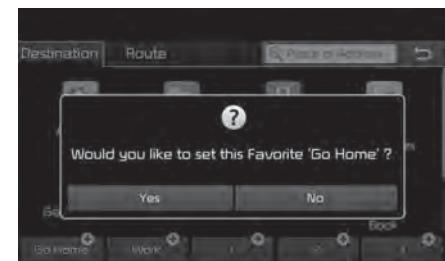
## Favorite Places

Set the route using your favorite places.

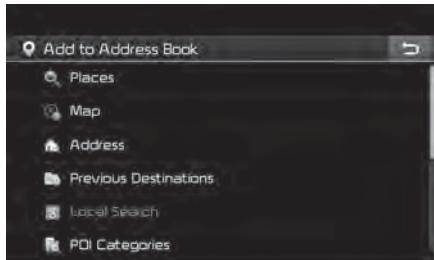
Press the **NAVI** head unit key. ▶ Select the **Destination** tab. ▶ Select from our favorite places.



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 and then popup appears. Press the **Yes** button for setting.



Register **Go Home** in various searching methods. By using the same methods, possible to register Work, 1, 2, 3.



Route guidance starts by pressing one of favorite place buttons.

## Route Setting

After searching the destination, possible to set a route.



While the destination is set, the buttons **Set as Destination** and **Add Waypoint** appear. Press each button to change a destination or add a waypoint.

## Destination Setting



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

## All Routes

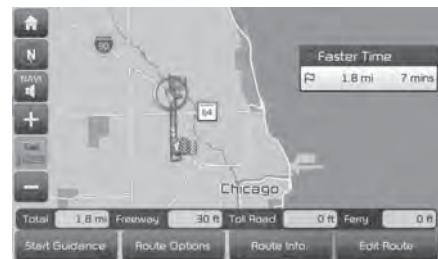


When the alternative routes option is enabled in navigation setting, two routing options are displayed based on faster time and shorter distance.

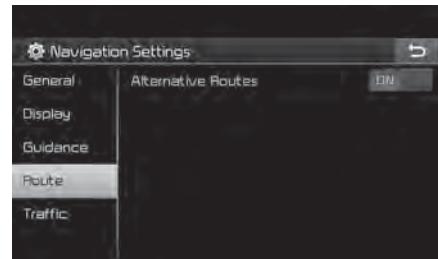
- Faster Time: Select time-optimized route, being the fastest roads.
- Shorter Distance: Select short distance, irrespective of how fast or slow progress will be calculated.

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

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



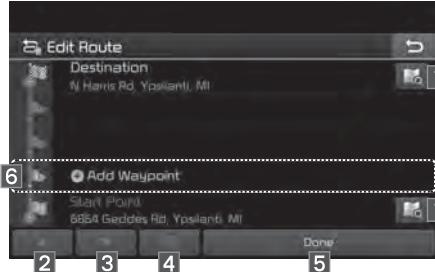
Alternative routes can be suggested if necessary, **SETUP** key ► **Navigation** Icon ► **Route** ► **Alternative: ON**.



## Adding Waypoint



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



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

## Registering Location



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



Enter the detailed information of the location to save.

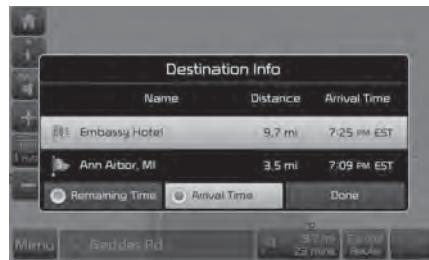
## Route Guidance

Possible to get the detailed information on route guidance.

### Route Guidance Screen



**Remaining Time** : Display the time remaining until destination.



**Arrival Time** : Display the estimated time of arrival.

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



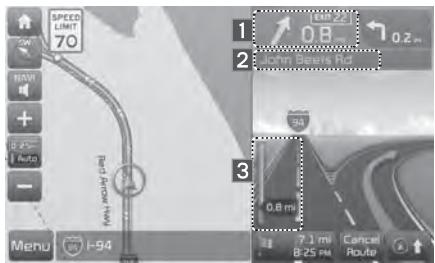
Displays the distance to the destination and the estimated time of arrival. Press the button to check the detailed information. If no waypoint is set, you will see the remaining distance or estimated time of arrival in turn each time you click the button.

Cancel the route.

Possible to change to preliminary guidance, TBT guidance, and zoom-on guidance screens.

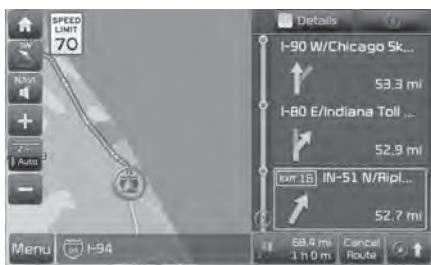
Displays the destination information.

## 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    | <ul style="list-style-type: none"> <li>Turn Point: Displays direction and shape to turn shortly.</li> <li>Distance to turn: Displays distance to next turn point.</li> </ul> |
| 2    | Road name to maneuver: Info of the road.   |
| 3    | Detail Distance Bar: Displays distance to next turn point.   |



Touch the button to change display view mode as below.

| Name | Description   |
|------|---|
|      | Display the full map screen.  |
|      | Junction View, Split screen.<br>(Active only when images are available) |
|      | Display Turn-by-turn information.                                       |

Additional info can be displayed on Freeway.



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

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

| POI Around Exit |       | Distance                      |  |
|-----------------|-------|-------------------------------|--|
|                 | 0.3mi | Homewood Suites-Cambridge Wat |  |
|                 | 0.4mi | PETRO-CANADA                  |  |
|                 | 0.4mi | Duke Duchess                  |  |
|                 | 0.9mi | McDonald's                    |  |
|                 | 0.9mi | SUBWAY                        |  |

# Route

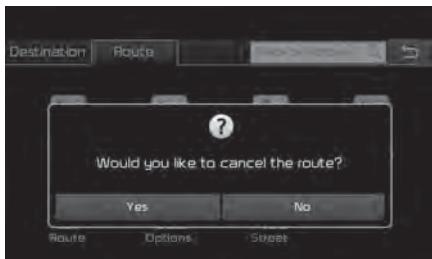
## Cancelling Route

Cancel the route.

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



Press the **Cancel Route** icon.



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

## Display Route Information

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



Press the **Route Info.** icon.

| Route Info.                   | Avoid Street |
|-------------------------------|--------------|
| ↑ I-96 E / Detroit            | 0.4 mi       |
| ↑ I-96 E / Detroit            | 11.4 mi      |
| ↗ M-14 E                      | 1.3 mi       |
| ↗ Ford Rd                     | 3.0 mi       |
| ↗ N Prospect Rd               | 1.1 mi       |
| 6864 Geddes Rd, Ypsilanti, MI |              |

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.

| Avoid Street  |
|---|
| ↗ Ford Rd   |
| ↗ N Prospect Rd 3.0mi <input checked="" type="checkbox"/> Avoid |
| ↗ N Prospect Rd   |
| ↗ Geddes Rd 1.1mi <input type="checkbox"/> Avoid                |
| 6864 Geddes Rd, Ypsilanti, MI                                   |

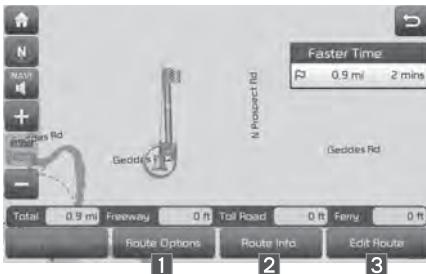
Check the desired item and press the **Done** button to finish.

## Route Overview

Check the information on route including the distance, estimated time, toll fees, etc. Press the **NAVI** head unit key ► Press the **Route** tab. ► Select **Route Overview** icon.



Press the **Route Overview** icon.



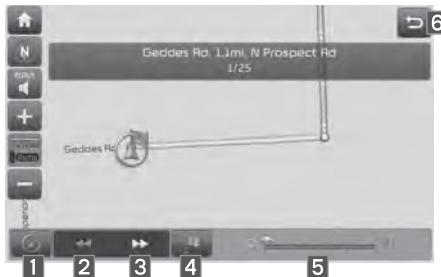
| Name                          | Description                      |
|-------------------------------|----------------------------------|
| <b>1</b> <b>Route Options</b> | Change the search option.        |
| <b>2</b> <b>Route Info.</b>   | You can check route information. |
| <b>3</b> <b>Edit Route</b>    | Edit the current route.          |

## Route Preview

Check the detailed turn-by-turn list. Press the **NAVI** head unit key ► Press the **Route** tab. ► Select **Route Preview** icon.



Press the **Route Preview** icon.



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

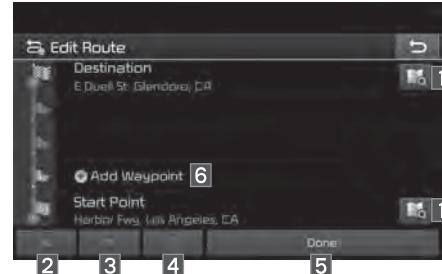
## Editing Route

Edit the current route.

Press the **NAVI** head unit key ► Press the **Route** tab. ► Select **Edit Route** icon.



Press the **Edit Route** icon.



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



Add the waypoint through various searching methods.

## Route Options

Press the **NAVI** head unit key ► Press the **Route** tab. ► Select **Route Options** icon.



Press the **Route Options** icon.



Determine the route options to guide the route.

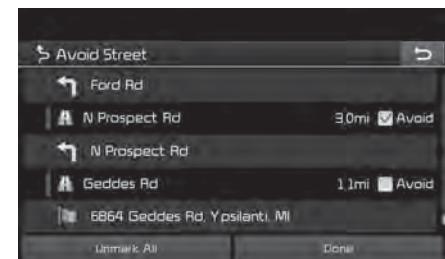
## Avoid Street

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

Press the **NAVI** head unit key ► Press the **Route** tab. ► Select **Avoid Street** icon.



Press the **Avoid Street** icon.

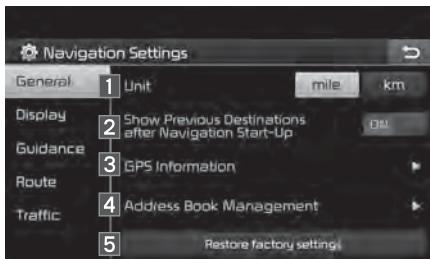


Press the **Done** to plan new route after selecting the street(s) that you want to avoid.

# Navigation Settings

## General

Change general settings.



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

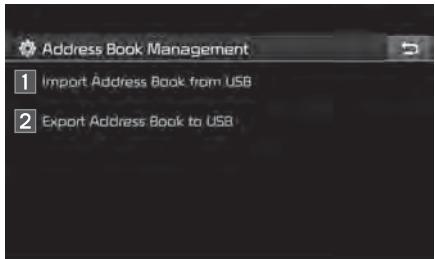
## GPS Information



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

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

## Address Book Management



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

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

### ⚠ WARNING

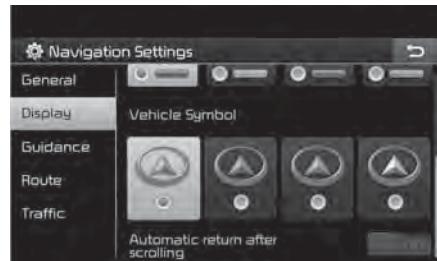
- The amount of data available for importing to a USB device is limited based on the number of address book items supported by the navigation system.
- If the data stored on the USB device uses different coordinates than those used by the current system, the importing location may change.
- Please make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

## Display

Change the display map settings.



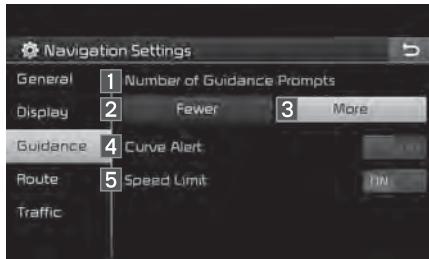
Change the map colors and the route guidance line colors.



Change the vehicle symbol.

## Guidance

Change the guidance setting.



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

## Route

Change the route setting.



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

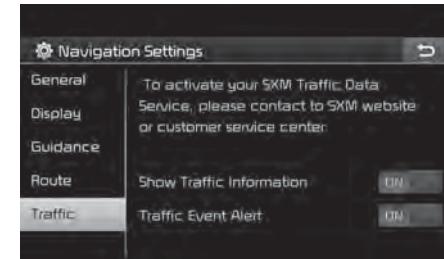
- Alternative on: Alternative routes will be suggested(depending on the route preference between "Faster Time" and "Shorter Distance").

### NOTICE

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

## Traffic

Change the traffic information setting.



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

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

# Troubleshooting

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

The following occurrences are not malfunctions:

- When driving on Y-shaped roads with narrow angles the current position may be displayed in the opposite direction
- Within city streets, the current position may be displayed on the opposite side or on an off-road position
- When changing the zoom level from maximum to a different level, the current position may become displayed on a different road
- If the vehicle is loaded onto a ferry or a car transport vehicle, the current position may become stalled on the last position prior to loading
- When driving on a spiral-shaped road
- When driving in mountain regions with sharp turns or sudden brakes
- When entering a road after passing an underground parking structure, building parking structure, or roads with many rotations
- When driving in heavy traffic with frequent starts and stops
- When driving under slippery conditions, such as heavy sand, snow, etc.
- When driving on spiral-shaped roads
- When the tires have recently been replaced (Especially upon use of spare or studless tires).
- When using tires of improper size
- When the tire pressure for the 4 tires are different
- When the replacement tire is worn or used (Especially studless tires having passed a second season).
- When driving near high-rise buildings
- When a roof carrier has been installed
- When a long distance route is calculated while driving on an expressway In such cases, continued driving will automatically enable the system to conduct map matching or use updated GPS information to provide the current position (In such cases, up to several minutes may be required)

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

The following occurrences are not malfunctions:

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

These situations may occur after conducting route calculation.

The following occurrences are not malfunctions:

- Guidance may be given to a position differing from the current position when turning at an intersection
- When driving in high speeds, route recalculations 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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### **CAUTION**

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

06

# part.6 Voice Recognition

What is Voice Recognition?

Recommendations Required for Successful Voice Recognition

Starting/Ending and Setting Voice Recognition

Voice Recognition Screen Overview

Voice Commands

UVO Voice Local Search

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.

## Recommendations Required for Successful Voice Recognition

1. Voice recognition supports only the commands that are displayed on the screen and written in the User's Guide.
2. To ensure the correct recognition and execution of your command, say your command when you hear the beep after a voice prompt.
3. Voice recognition automatically ends if:
  - 1) A call is incoming or outgoing
  - 2) A media device (USB or iPod, etc.) is connected or disconnected
  - 3) The front or rear view camera is operated (optional)
  - 4) The car engine starts or stops
  - 5) A system key, such as **RADIO** or **MEDIA** is selected
- 6) An emergency occurs, for example re-searching for the route after the navigation route has been lost

4. The microphone used for the voice recognition system is located in the headliner directly above the driver's head. To make your commands better understood, keep your body straight in the driver's seat when speaking the command.
5. Speaking naturally and clearly will ensure better recognition of your voice commands.
6. In the following cases voice recognition will be affected by ambient noise.
  - 1) The sound of the wind if any window or the sun roof is open.
  - 2) A strong wind blowing from the air vents. Set climate control to blow softer than level 3.
  - 3) Vibrations from passing through a tunnel.
  - 4) Vibrations from driving on an uneven road.
  - 5) Storms and heavy rain.

# Starting/Ending and Setting Voice Recognition

## Starting Voice Recognition

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



## Ending Voice Recognition

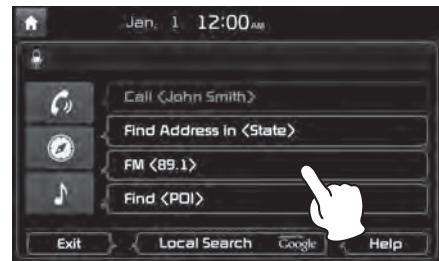
1. Select "Exit" to the left of the bottom of the screen to end voice recognition.
2. Press and hold (more than 0.8 seconds) the  key on the steering wheel control to end voice recognition.



## Combining Voice Recognition with On-Screen Commands

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

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



## Extending the Listening Time

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

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



## **Skipping Prompt Messages**

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

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

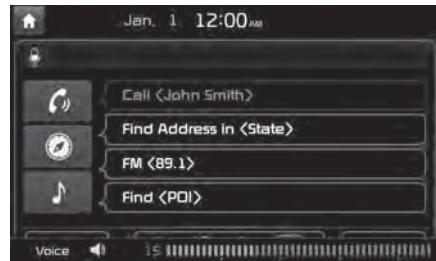
### **Information**

- Refer to Part 9 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

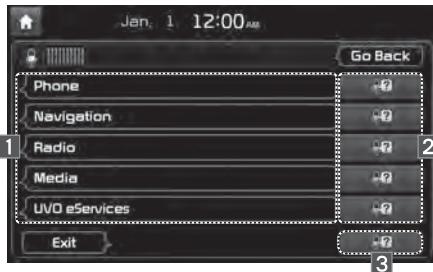
## Start Screen



| 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. |

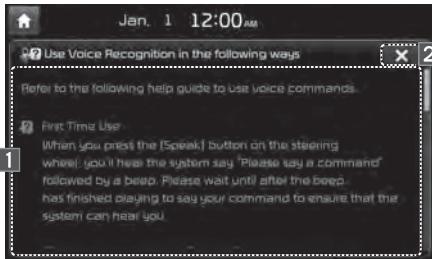
| Name                                      | Description  |
|---|--|
| 3 Voice recognition status icons          | Standby<br>Voice guidance<br>Voice command process     |
| 4 User's speaking volume being recognized | Displays the voice command volume in real time.        |
| 5 Recognized results  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

## Help Display



| Name                           | Description  |
|--------------------------------|--|
| 1 Command list                 | <ul style="list-style-type: none"> <li>Shows the available commands.</li> <li>Select or say a command to display additional commands in detail.</li> </ul> |
| 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



### *i* Information

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

| 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.              |

# Voice Commands

## Types of Commands

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

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

## Call Commands

\* Check the following before using call commands :

1. Voice commands related to phone calls can be used after connecting the Bluetooth device.
2. To call a person, for example “Call <John Smith>” whose name is listed in Contacts, you must first download the Contacts list. For details on downloading contacts, see “Part 3. Bluetooth® > Chapter 3. Bluetooth® Phone > 3.10 Contacts”.
3. After downloading the Bluetooth contacts, it will take some time to convert the Contacts into voice data during which time you cannot make a call by name yet. The time takes to convert voice data may vary depending on the number of Contacts downloaded.

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

## Navigation Commands

- \* Check the following before you use navigation commands:

  1. Search for and find addresses located in the state or province your car is currently in.  
If you want to search in another state, say the name of state/province and then look it up.  
Find Address is classified by states/provinces to provide you with faster service.
  2. Some commands such as "Cancel Route" are available only when the destination is fixed.

| Command                   | Operation  |
|---------------------------|--|
| ● Find Address in <State> | <ul style="list-style-type: none"> <li>• Finds the address in &lt;State&gt; and sets it as the destination.<br/>e.g.) Find Address in California</li> <li>• To find an address, you should say "House Number → Street → City"<br/>e.g.) 300 (Three Zero Zero) Main Street, Almond</li> </ul> |
| ● 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.<br>e.g.) Find "Banks"   |

| Command                    | Operation  |
|----------------------------|--|
| ● Map                      | Moves to the current position on the navigation map  |
| ● Previous Points          | <p>Displays a list combining Previous Destinations, Previous Searches, and Previous Starting Points all together.</p> <p>You can then set a destination by saying the list number.</p> |
| ● 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                  | <p>Set the destination to your home.</p> <p>Your home must first be set in the Navigation system.</p>  |
| ● Go to Work               | <p>Set the destination to your work/office.</p> <p>Your work/office must first be set in the Navigation system.</p>  |

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

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

## Radio Commands

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

## Media Commands

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

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

## 1. Audio CD Command

| Command               |              | Operation  |
|-----------------------|--------------|--|
| <input type="radio"/> | Play         | Plays a paused track.<br>Maintains the current settings during playback.   |
| <input type="radio"/> | Pause        | Pauses a track that is currently playing.<br>Maintains current settings while paused during playback.            |
| <input type="radio"/> | Track <1~99> | Plays a desired track number.  |
| <input type="radio"/> | Shuffle      | Plays tracks or files randomly.<br>Maintains current settings during shuffled playback.                          |
| <input type="radio"/> | Shuffle Off  | Cancels Shuffle and plays tracks sequentially.<br>Maintains current settings during sequential playback.         |
| <input type="radio"/> | Repeat       | Plays the current track repeatedly.<br>Maintains the current settings during repeat playback.                    |
| <input type="radio"/> | Repeat Off   | Cancels Repeat and plays multiple tracks or files.<br>Maintains current settings during multiple track playback. |

## 2. MP3 CD/USB Music/iPod/My Music Command

| Command               |             | Operation  |
|-----------------------|-------------|--|
| <input type="radio"/> | Play        | Plays a selected file.<br>Maintains the current settings during playback.  |
| <input type="radio"/> | Pause       | Pauses a file that is playing.<br>Maintains current settings while paused during playback.                       |
| <input type="radio"/> | Shuffle     | Plays tracks or files randomly.<br>Maintains current settings during shuffled playback.                          |
| <input type="radio"/> | Shuffle Off | Cancels Shuffle and plays tracks sequentially.<br>Maintains current settings during sequential playback.         |
| <input type="radio"/> | Repeat      | Plays the current track or file repeatedly.<br>Maintains the current settings during repeat playback.            |
| <input type="radio"/> | Repeat Off  | Cancels Repeat and plays multiple tracks or files.<br>Maintains current settings during multiple track playback. |

### 3. Pandora Radio Command

| Command                           | Operation  |
|-----------------------------------|--|
| <input type="radio"/> Skip        | Moves to the next track.   |
| <input type="radio"/> Thumbs up   | If you like the genre of the music currently playing, say "Thumbs up" so that more similar music will play.                  |
| <input type="radio"/> Thumbs down | If you don't like the music currently playing, say "Thumbs down" to minimize the number of playbacks of similar genre music. |

### 4. Bluetooth Audio/AUX Command

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

## UV0 eServices Commands List

| Command               | Operation   |
|-----------------------|---|
| ● Roadside Assist     | Connect with a Roadside Assist agent.   |
| ● Vehicle Diagnostics | Informs you if diagnostic issues are found in your vehicle                        |
| ● My POIs             | Displays Points of Interest list which were downloaded from Google Maps and MyUV0 |
| ● eService Guide      | Provides guidance on how to use UV0 eServices                                     |

## Other Commands List (Commands used in List/Help)

| Command                   | Operation   |
|---------------------------|---|
| ● Help                    | Moves to the voice recognition help screen. All available commands can then be identified and used.   |
| ○ Line 1~5 (One~Five)     | When you cannot select a certain name, such as in Call History, you can select it using numbers. Simple numbers can be recognized, such as "One" or "Two".                                      |
| ○ Yes/No                  | When voice recognition is activated, this command is used when an answer is requested for a confirmation question.  |
| ○ Previous Page/Next Page | When five or more searched items are listed, you can move to the previous or next page using a voice command.   |
| ○ Manual Input            | When Dial or POI Name search results are displayed, this command is used to search manually, rather than to search with a voice command.<br>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                     | III 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                            | Lucky's 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                          | Embassy Suites               | Microtel Inns & Suites  | Thriftlodge Canada         |
|---------------------------------|------------------------------|-------------------------|----------------------------|
| Airports                        | Grand Residences by Marriott | Motel 6                 | Travelodge                 |
| Hotels                          | Hampton Inn                  | NOVOTEL                 | Travelodge Canada          |
| Americas Best Value Inn         | Hampton Inn & Suites         | Omni Hotels             | VAN DER VALK               |
| AmericInn                       | Hawthorn Suites              | Park Inn                | WALDORF ASTORIA COLLECTION |
| Andaz                           | Hilton                       | Park Plaza              | Wingate by Wyndham         |
| Ascend Collection               | Hilton Garden Inn            | QUALITY INN             | Wyndham                    |
| Baymont Inn & Suites            | Hilton Grand Vacations       | Radisson                | Rest Areas                 |
| Best Western                    | Holiday Inn                  | Radisson SAS            | Tourist Information        |
| Cambria Suites                  | Holiday Inn Express          | RAMADA                  | Tourist Attractions        |
| Canadas Best Value Inn          | Homewood Suites              | Red Roof Inn            | Travel Agents              |
| Candlewood Suites               | Hotel Indigo                 | Regent Hotels & Resorts | City Centers               |
| Clarion Hotel                   | Howard Johnson               | Renaissance             | Rental Car Agencies        |
| Comfort INN                     | Hyatt Place                  | Residence Inn           | Alamo                      |
| Comfort Suites                  | Hyatt                        | Ritz-Carlton Club       | AVIS                       |
| CONRAD                          | Hyatt Summerfield Suites     | Rodeway Inn             | Budget                     |
| Country Inn & Suites by Carlson | Intercontinental             | Sheraton                | Dollar Rent A Car          |
| COURTYARD by Marriott           | JW Marriott                  | Sleep Inn               | Enterprise                 |
| Crowne Plaza                    | LA QUINTA INN                | SOFITEL                 | Hertz                      |
| Days Inn                        | Lexington                    | Staybridge Suites       | National                   |
| DELTA                           | Mainstay Suites              | Studio 6                | Thrifty                    |
| Doubletree                      | Marriott                     | Suburban Extended Stay  | Campgrounds                |
| Econo Lodge                     | 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       |

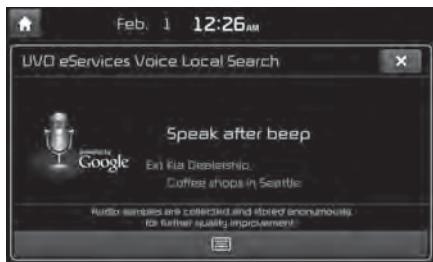
## 8. Services

| 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         |

# UVoice Local Search

## What is UVoice Local Search?

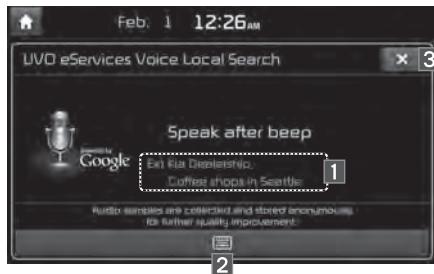
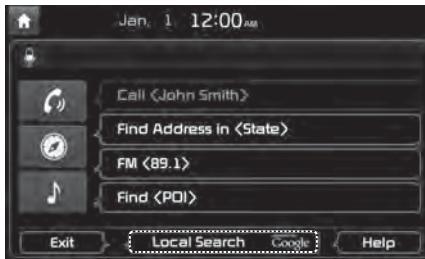
With UVoice network service, you can search for Google-provided place names with your voice.



The search is done through network services; it is only available when connected to a communication network & UVoice eServices has been activated.

## Starting UVoice Local Search

Press the  key briefly (less than 0.8 seconds) on the steering wheel control to activate voice recognition and say "Local Search".



| Name                   | Description  |
|------------------------|--|
| 1 Example command      | Shows an example to ask for place search.          |
| 2 Manual switch button | Switches the UVoice Local Search screen to search. |
| 3 End button           | Ends UVoice Local Search.                          |

# Siri Eyes Free

## How to start Siri

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

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

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

## How to use Siri

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



### Information

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

**MEMO**

# part.7 Info

Pandora Radio  
Download Center  
SiriusXM™ Data  
SoundHound

07

# Info

## Pandora Radio

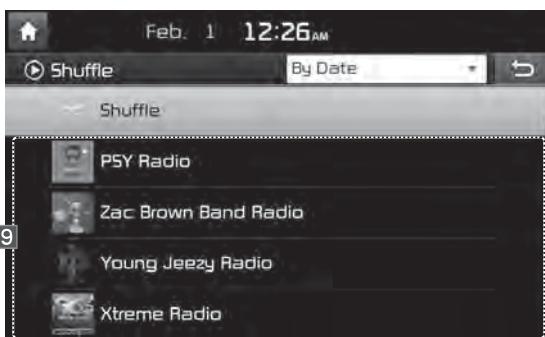
To listen to Pandora Radio by connecting a smartphone, app should be installed on your phone.

Press the “Pandora” icon after selecting All Menus or the **INFO** key to enter Pandora Radio mode.

### Pandora Radio Mode Screen Controls



| Name                  | Description   |
|-----------------------|---|
| <b>1</b> Mode         | Displays currently operating mode.                    |
| <b>2</b> Station Info | Shows the station name currently playing.             |
| <b>3</b> Track Info   | Shows the artist/title information currently playing. |
| <b>4</b> Play Time    | Displays the current play time.                       |



| Name           | Description   |
|----------------|---|
| 5 Thumb Down   | If you don't like the music currently playing, press this button to move to the next music and to minimize the number of playbacks of similar genre music.<br><i>i</i> You can move to the next song up to specific number of times which Pandora allows. |
| 6 Thumb up     | If you like the genre of the music currently playing, press this button to send a "Thumb Up" signal to Pandora so that more similar music will play.  |
| 7 Play/Pause   | Plays/pauses the current song   |
| 8 Skip         | Moves to the next track<br><i>i</i> You can move to the next song up to specific number of times which Pandora allows.  |
| 9 Station List | Moves to the station list screen.   |



| Name                 | Description  |
|----------------------|--|
| <b>10</b> Menu       | <ul style="list-style-type: none"> <li>Bookmark Track<br/>Adds the music currently playing to the bookmarks list.</li> <li>Bookmark Artist<br/>Adds the artist of the music currently playing to the bookmarks list.</li> </ul> <p><b>i</b> You can view your bookmarked artists and songs from your Pandora profile online. Go to <a href="http://pandora.com">pandora.com</a>, then click on the "Your Profile" button above the player. That will bring up a page with your stations, bookmarked artists, and bookmarked songs.</p> |
| <b>11</b> SEEK/TRACK | Press briefly to play the next song.   |
| <b>12</b> TUNE       | Rotate the <b>TUNE</b> knob to search for a station. Press the <b>TUNE</b> knob to play the station when you find the name that you want.  |



| Name              | Description   |
|-------------------|---|
| 1 Current Station | Shows the name of the station currently displayed.  |
| 2 Previous        | Switches to the play mode screen.   |
| 3 Shuffle         | Shuffling your stations provides a more diverse mix of music by randomly playing songs from the stations in your list.  |
| 4 Search Menu     | Sorts stations by the items in the menu. <ul style="list-style-type: none"><li>• A-Z: Sorts stations in alphabetical order.</li><li>• By Date: Sorts stations in the order they were generated.</li></ul> |
| 5 SEEK/TRACK      | Press briefly to play the next song.  |
| 6 TUNE            | Rotate the ● TUNE knob to move to the previous/next list. Press the ● TUNE knob to play a selected file.  |

# Download Center

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

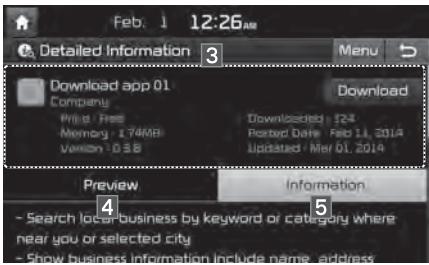
You can use Download Center after agreeing to the User Agreement and Privacy Policy. (Only 1 time for initial launch)

## NOTICE

- To use Download Center, your vehicle must be connected to Wi-Fi.
- Details on how to connect to a Wi-Fi network can be checked within the “Wi-Fi Settings” in Part 9.
- Apps available for download may vary depending on the environment.

## Apps List

Select Home-screen ► [All Menus] or [My Menu] ► [Apps] ► and then select [Download Center].

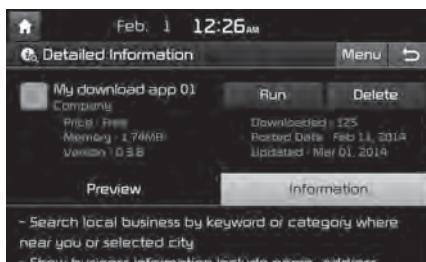
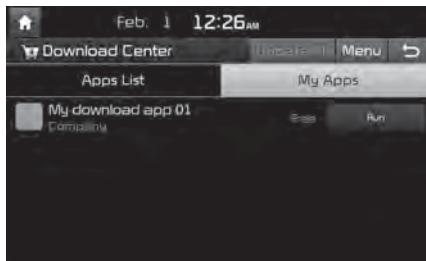


| Name  | Description   |
|---|---|
| <b>1 Application Download and Run buttons</b> | Button state changes according to the application state.                            |
| <b>Download</b>                               | Downloads free applications.  |
| <b>Purchase</b>                             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

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

## My Apps

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



The **My Apps** menu displays the

**Re-download**, **Update**, **Run** options for downloaded applications.

All functions of **My Apps** are the same as those in the app list.

### i Information

- You can update applications already running only after closing them.
- Details on downloaded apps can be checked within the Download Center.

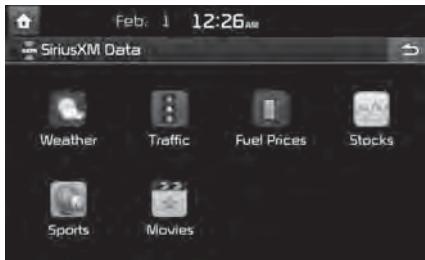
## SiriusXM™ Data

The SiriusXM™ Data Service is a paid membership Satellite radio service which provides users with traffic, stock, sports, and weather information.

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

### Accessing SiriusXM™ Data

Press the “SiriusXM Data” icon after selecting **All Menus** or the **INFO** head unit key to enter the SiriusXM™ Data mode.



### SiriusXM™ Weather Announcement

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

## Weather Forecast

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



## Warnings and Advisories

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

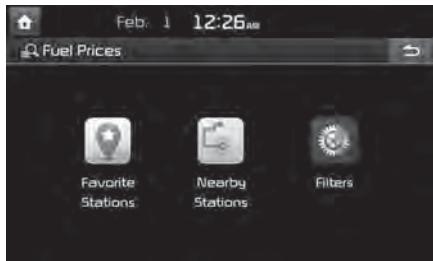


## SiriusXM™ Traffic Information

At the "SiriusXM Data" screen, press the "Traffic" icon to enter the Traffic Announcement mode.

## SiriusXM™ Fuel Price Information

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



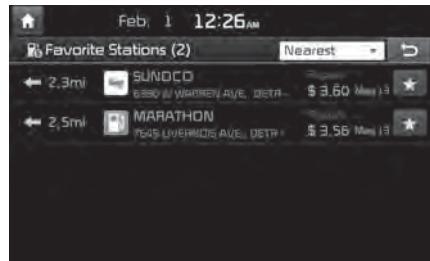
### Search for Nearby Stations, and Register Key Locations as Favorite Stations

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

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



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



## My Fuel Type Settings

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

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



## SiriusXM™ Stock Information

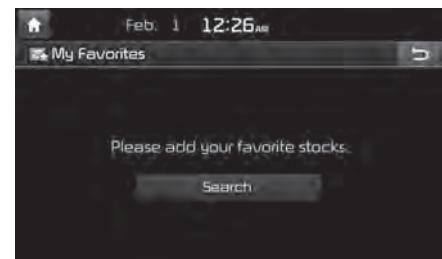
In the “SiriusXM Data” screen, press the “Stocks” icon to enter the Stocks mode.

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

For symbols which you are interested in, press the icon to save the symbol as a part of Saved symbols can be viewed from the My Favorites button on the Stock 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. Press the **Add** button to move to the stock search screen.



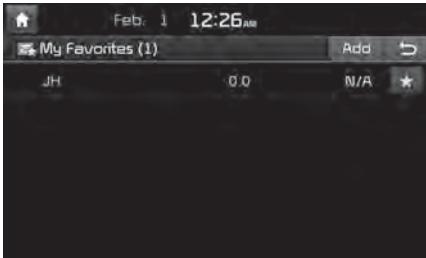
## Stock Search

Use the Stock Search menu to search for specific stocks.

Press the  button after searching for your favorite stocks to save them in “My Favorite”.



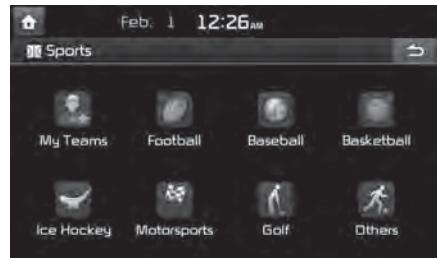
In the My Favorites screen, you can find the selected stock information that you registered.



## SiriusXM™ Sports Information

Press the “Sports” icon to enter the Sports mode.

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

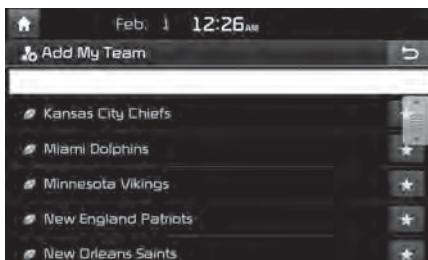


## My Teams

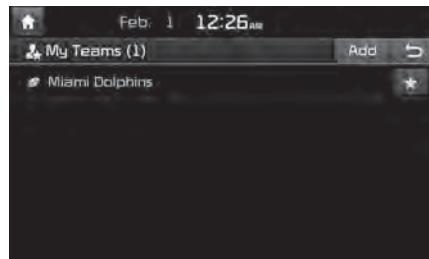
You can save teams which you are interested in as part of My teams to easily view related scores and schedules.

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

Search for your favorite teams and press 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. Press the **★** button on the right side of the team name to delete the team from "My Teams" or press the **Add** button to add other teams.



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

| Feb. 1 12:26 AM |                     |   |          | May 13, 2013 |
|-----------------|---------------------|---|----------|--------------|
| Score           | New York Yankees    | 0 | 12:05 PM |              |
| Schedule        | Cleveland Indians   | 1 | Final    |              |
|                 | Houston Astros      | 2 | 7:05 PM  |              |
|                 | Detroit Tigers      | 7 | T-6      |              |
|                 | New York Mets       | 3 | 7:05 PM  |              |
|                 | St. Louis Cardinals | 3 | 8-5      |              |

| Feb. 1 12:26 AM |  |  |  | May 14, 2013 |
|-----------------|--|--|--|--------------|
| Score           | San Diego Padres @ Baltimore Orioles     |  |  |              |
| Schedule        | Seattle Mariners @ New York Yankees      |  |  |              |
|                 | Tue May 14 7:05 PM ET                    |  |  |              |
|                 | San Francisco Giants @ Toronto Blue Jays |  |  |              |
|                 | Tue May 14 7:05 PM ET                    |  |  |              |

## SiriusXM™ Movie Information

Press the “Movies” icon to enter the Movie mode.

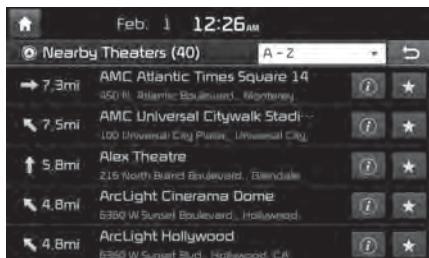
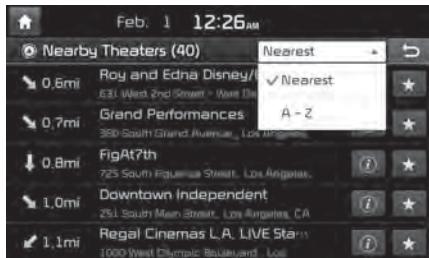
You can check recent movies and nearby theaters, and also register your favorite theater locations.



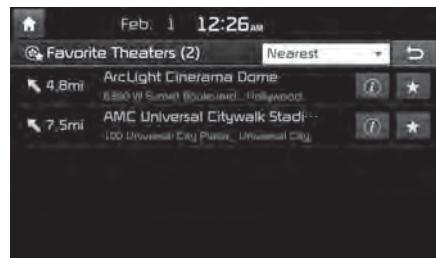
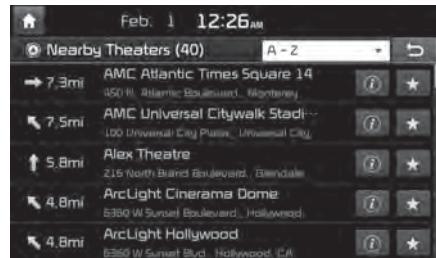
### Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters

In the “Nearby Theaters” menu, you can search for any nearby theaters.

It shows theaters, starting from the nearest one, and selecting the “Nearest” menu at the top right side will sort them by name.

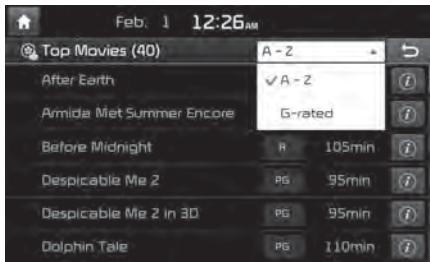


Select the button to the right of the list to register your favorite theater so that you can always check it again using the “Favorite Theaters” menu and selecting the button to view the current movie information for that theater.



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

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



# SoundHound

SoundHound is a music search engine. It enables users to identify music by playing or singing a song. It is also possible to search by typing the name of the artist, song, album or lyrics.

The head unit should be connected to the Internet in order to use SoundHound (ex. Wi-Fi).

## Accessing SoundHound

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



## SoundHound Main Screen



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

## Recognizing Music

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

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



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

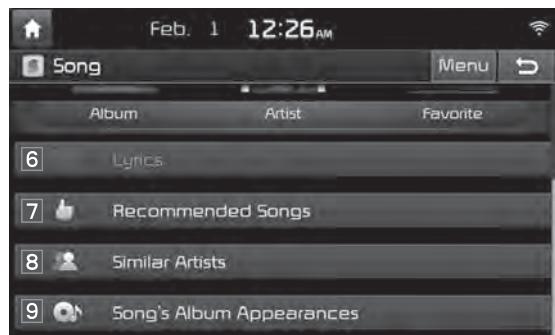
## Searching Music

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



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

## Song Main Screen



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

08

## part.8 Other Features

Climate Mode  
Camera (Optional)

# Other Features

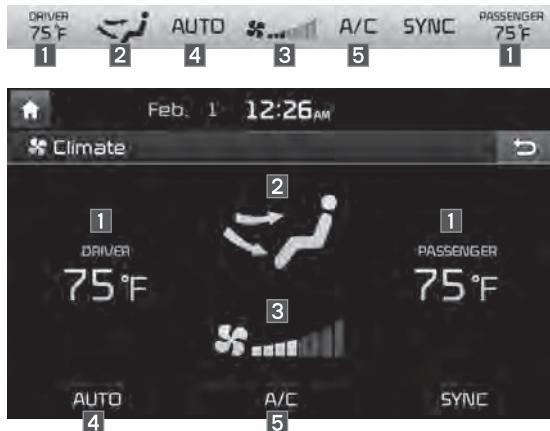
## Climate Mode

### Operating Climate Mode

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

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

### Basic Mode Screen



| Name  | Description  |
|---|--|
| <b>1</b> 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.<br><i>i</i> The internal temperature can be controlled in increments of 1°F within a range of 63°F to 89°F.<br><i>i</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.      |
| <b>2</b> Air direction  | Displays the configured air direction settings.  |
| <b>3</b> Air volume   | Displays the configured air volume settings.   |
| <b>4</b> Cooling/heating control status (AUTO)                        | Displayed when the <b>AUTO</b> key is pressed and cooling/heating operates automatically according to the configured temperature settings.<br><i>i</i> AUTO will be turned off when you try to do the following with AUTO on: <ul style="list-style-type: none"><li>- Control the air volume</li><li>- Control the air direction</li><li>- Turn the air conditioning (A/C) on/off</li><li>- Turn on the moisture removal function for the windshield</li></ul> |
| <b>5</b> Air conditioning control status                              | Displayed when the <b>A/C</b> 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 <b>SYNC</b> key is pressed and the temperatures of the driver's seat and the passenger seats can be configured at the same time. |

# Camera (Optional)

## ⚠ 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.

## About Rear Detection 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.

## i Information

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



## ✎ NOTICE

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

## AVM (Around View Monitor)

With the power on, the AVM is connected to the AVM camera to see the front, rear, and back of the car when driving at low speeds (10km/h or less). It is optional.

- The AVM-camera front detection mode will be activated when driving at low speeds (10km/h or less). When the car drives over 10km/h, the AVM camera screen is disabled.
- When the  key is pressed and the gear is in a position other than P or R while the engine is running, the AVM camera automatically starts when the car accelerates.
- Shift gears to P or R and turn off the  key to disable the front detection camera screen.
- The rear detection mode of the AVM camera is activated with the gear is positioned to R.

### Front AVM

Select the  key after starting the engine.

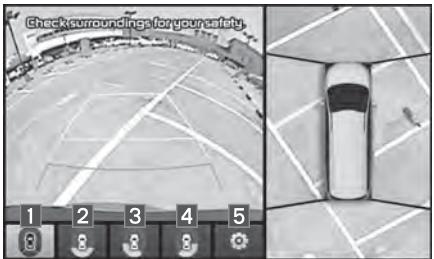
If the gear is in a position other than P or R, it automatically switches to the front detection AVM camera mode when the car accelerates.



| Name                 | Description                                    |
|----------------------|--|
| <b>1</b> AVM         | Displays all of the images around the car.     |
| <b>2</b> Front       | Displays the front image.                      |
| <b>3</b> Front left  | Displays the front-left image.                 |
| <b>4</b> Front right | Displays the front-right image.                |
| <b>5</b> Settings    | Displays the Parking Guidance Settings screen. |

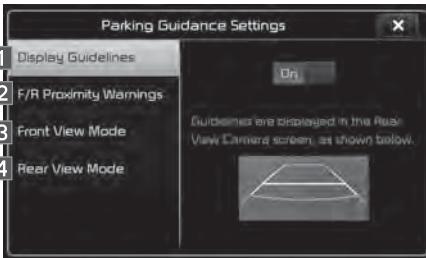
## Rear AVM

If the gear is positioned to R, the rear AVM camera is automatically switched to the operational mode.



| Name         | Description                                    |
|--------------|--|
| 1 AVM        | Displays all of the images around the car.     |
| 2 Rear       | Displays the rear image.                       |
| 3 Rear left  | Displays the rear-left image.                  |
| 4 Rear right | Displays the rear-right image.                 |
| 5 Settings   | Displays the Parking Guidance Settings screen. |

## Parking Guidance Settings



| Name                     | Description  |
|--------------------------|--|
| 1 Display Guidelines     | Guidelines are displayed in the Rear View Camera screen, as shown below.   |
| 2 F/R Proximity Warnings | Provides a warning when an object is in close proximity to the front or rear of the vehicle.                             |
| 3 Front View Mode        | Displaying the front AVM, select the basic display mode of the camera screen. (AVM, Front left, Front right, and Front.) |
| 4 Rear View Mode         | Displaying the rear AVM, select the basic display mode of the camera screen. (AVM, Rear left, Rear right, and Rear.)     |

### CAUTION

- A wide-angle lens is installed for the front detection camera to get a wider view, so there may be some difference between the actual distance and the distance that appears onscreen. For safety, make sure to check the front, right, and left sides for yourself.

09

# part.9 **Setup**

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

# Setup

## Setup

Setup is the screen to control system settings of the Multimedia System.

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



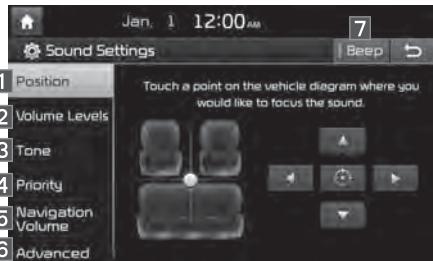
## Navigation Settings

For more details, refer to part 5. Navigation Settings.



# Sound Settings

Adjusts the sound effects for the whole system.



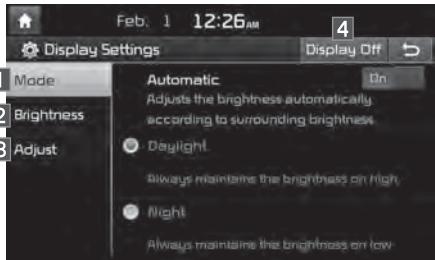
| Features                   | Description   |
|----------------------------|---|
| <b>1</b> Position          | Select the Up/Down/Left/Right button to control sound positioning.<br>Select  to concentrate the sound on the center of vehicle.              |
| <b>2</b> Volume Levels     | Sets the volume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

## Information

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

## Display Settings

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



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

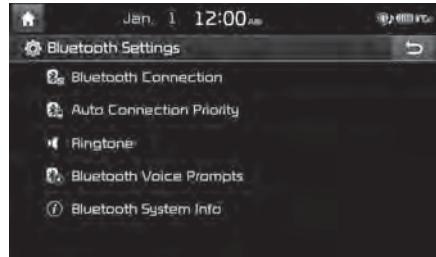
| Features      | Description  |
|---------------|--|
| 2 Brightness  | Adjusts the level of brightness in Daylight or Night mode. (If you use the Automatic feature, you can set the brightness for both Daylight and Night modes.) |
| 3 Adjust      | Drag the slide bar to control the Brightness/Hue/Contrast/Saturation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

## Bluetooth Settings

Changes Bluetooth phone settings.

### Bluetooth Settings

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



## Bluetooth® Connection Settings

Select the **SETUP** key in the head unit ►

Select **Bluetooth** ► Select **Bluetooth Connection**.



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

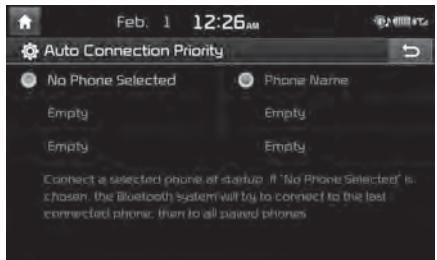
### **i** Information

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

## Auto Connection Priority

Select the **SETUP** key in the head unit ►

Select **Bluetooth** ► Select **Auto Connection Priority**.



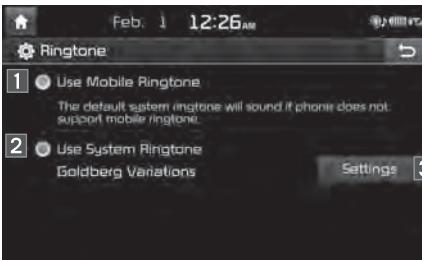
When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.

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

## Ringtone

Select the **SETUP** key in the head unit ►

Select **Bluetooth** ► Select **Ringtone**.



### Features

### Description

**1** Use Mobile Ringtone

The configured mobile ringtone comes out through the vehicle speakers when you receive a call. When a mobile device doesn't support it, the basic ringtone of the vehicle will be used.

**2** Use System Ringtone

The system ringtone will be used.

**3** Settings

Changes the ringtone.

**4** Ringtone Type

Selects a ringtone by name.

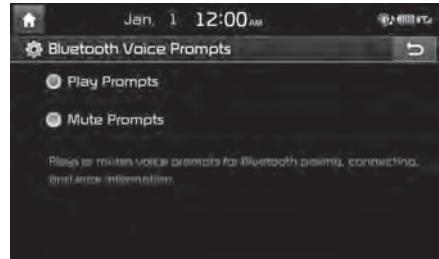
**5** Preview

Previews the available ringtones.

## Bluetooth Voice Prompts

Select the **SETUP** key in the head unit ►

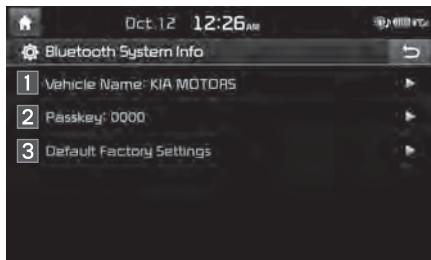
Select **Bluetooth** ► Select **Bluetooth Voice Prompts**.



## Bluetooth® System Information

Select the **SETUP** key in the head unit ►

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.  |
| 3 Default Factory Settings | You can delete all paired devices and restore the Default Bluetooth Settings. For Default Factory Settings, all paired devices are deleted, and the system is reset to factory settings. |

### **i** Information

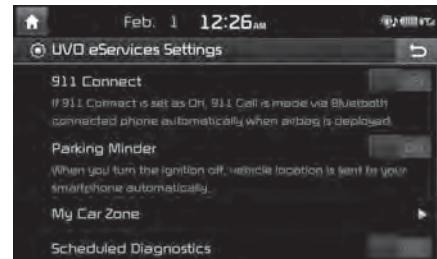
- The Vehicle Name above is an example. Check the actual information on the product.

## UVO eServices Settings

Within the eServices Settings screen, UVO eServices related features can be set, such as activating 911 Connect, Parking Minder and setting the My Car Zone.

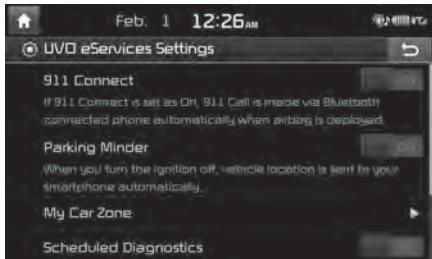
For safety reasons, My Car Zone Settings can not be adjusted while driving. Park the vehicle before making any changes to your settings.

Press the **SETUP** key ► **UVO eServices**.



## 911 Connect

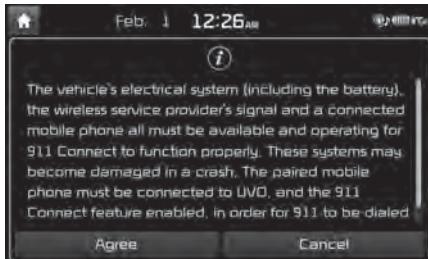
This feature is used to used to turn on or off the 911 Connect feature.



To enable 911 Connect, ensure that the **ON** button is selected. To disable this feature, ensure the **OFF** button is selected.

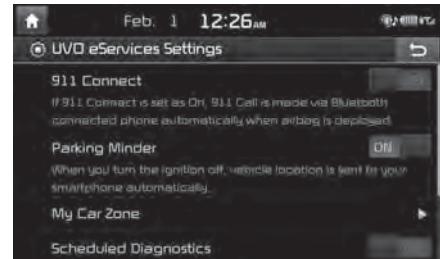
When enabling this feature, you must first agree to the 911 Connect tems of use.

After reading the tems of use, press the **Agree** button on the touch screen to accept.



## Parking Minder

If you want to send vehicle location to your smartphone automatically when you turn the ignition off, turn the Parking Minder feature **ON**.



## My Car Zone

This feature is used to set My Car Zone (Curfew Limit, Speed, Geo Fence) alert conditions.

My Car Zone Settings is unavailable when UVO eServices has not been activated or GPS signals cannot be received.

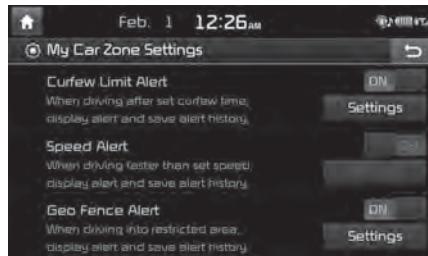
Press the **SETUP** key ► **UVO eServices** ► **My Car Zone**.

The PIN must be entered to use My Car Zone Settings.



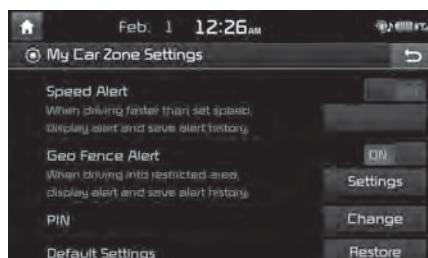
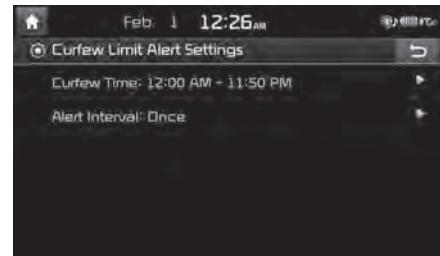
This screen is used to turn Curfew Limit, Speed, and Geo Fence Alert features On/Off.

Set the alert conditions **ON** ► **Settings**.



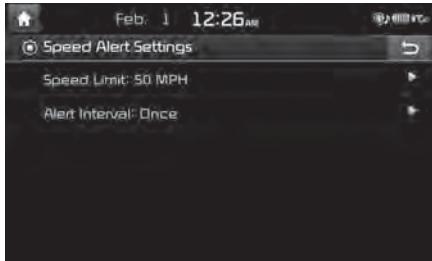
## Curfew Limit Alert Settings

Within Curfew Limit Alert Settings, you can set the Curfew Limit Alert Start and End Time. You can also set the Alert Interval of alerts upon Curfew Limit.



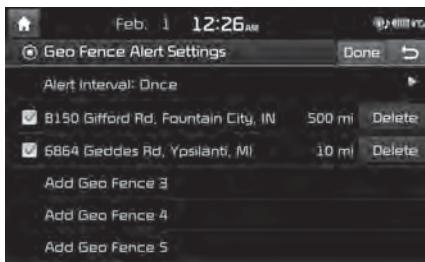
## Speed Alert Settings

Within Speed Alert Settings, you can set the vehicle speed limit and Alert Interval of alerts upon overspeeding.



## Geo Fence Alert Settings

Within Geo Fence Alert Settings, you can set entry-restricted areas. Press Add Geo Fence and set the center point and radius of the desired Geo Fence on the Map screen. You can also set the Alert Interval of alerts upon Geo Fence alerts.



### NOTICE

- Geo Fence Alert cannot be set if there is no SD card with Maps. At least one Geo Fence must be added to turn on Geo Fence Alert Settings.

## PIN

This feature is used to change the PIN to enter My Car Zone Settings.



Press the **OK** button to transmit the new PIN to your My UVO com account.

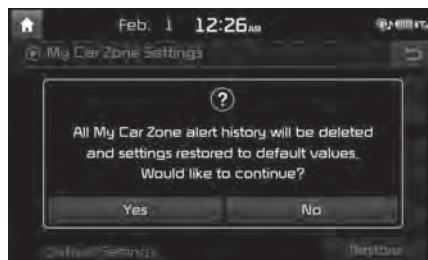


#### **NOTICE**

- Before pressing **OK**, ensure your smartphone is connected to UVO eServices system via USB cable.

## Restore Factory Settings

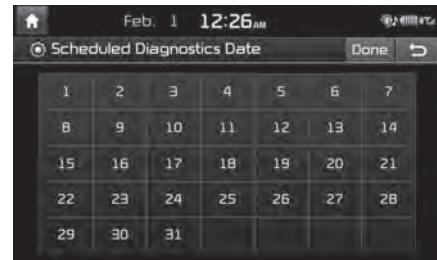
This feature is used to restore all My Car Zone alert history and settings back to default state.



## Scheduled Diagnostics

This feature is for setting when scheduled diagnostics alerts display.

Press **SETUP** key ► **UVO eServices** ► Scheduled Diagnostics **ON** ► **Settings**.



#### **NOTICE**

- For months without the corresponding day, the last day of the month will automatically be set as the scheduled diagnostics date.

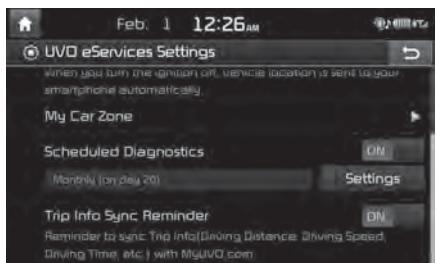
## Trip Info Sync Reminder

Trip Info is a feature used to set whether system displays alert when trip info(Driving Distance, Driving Speed, Driving Time, etc). reaches 90% of memory.

UVO eServices must be activated to use this feature.

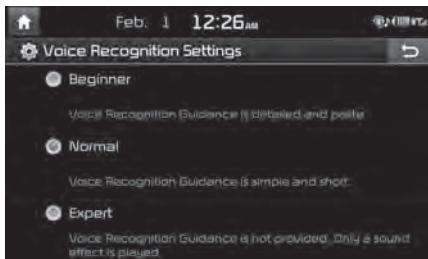
Press **SETUP** key ► **UVO eServices** ►

Trip Info Sync Reminder **ON**.



## Voice Recognition Settings

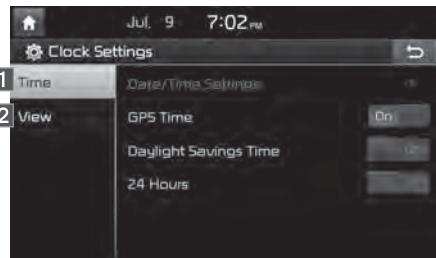
Configure how to make a call with Voice Recognition Guidance and Voice Recognition.



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

## Clock Settings

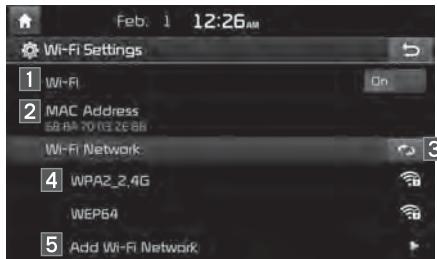
Provides the time and date settings.



| Features | Description  |
|----------|--|
| 1 Time   | Provides the GPS Time, Date/Time Settings, Daylight Savings Time, and 24 Hours options. Time Zone Menu is displayed only when there is no memory card. |
| 2 View   | Provides options to select a digital or analog clock widget for the screen saver or home screen, and to select the Display Date settings.              |

## Wi-Fi Settings

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



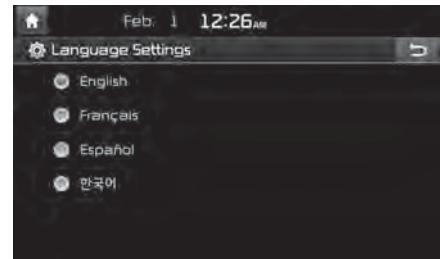
| Features            | Description   |
|---------------------|---|
| 1 Wi-Fi             | Turn on/off Wi-Fi.  |
| 2 MAC Address       | Displays the MAC address.   |
| 3 Refresh           | Searches available networks near the vehicle.                                   |
| 4 Wi-Fi Network     | Displays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

## How to Connect to a Network

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

## Language Settings

You can configure the displayed system language.



When the language is changed, the system language is automatically changed.

Unique data including MP3 file name is not changed and some languages don't support voice recognition.

## Keyboard Settings

You can configure the keyboard layout for each language.



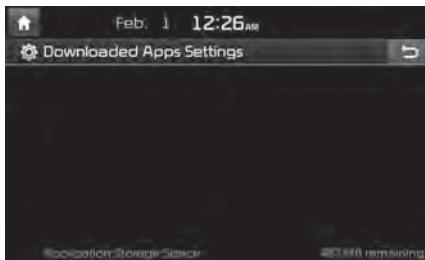
You can configure ABCD or QWERTY keyboards for the system.

### **i** Information

- Configured keyboard layouts are applied to all input modes.

## Downloaded Apps Settings

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



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

## Screen Saver Settings

Configures a screen to be displayed when the system is powered off.

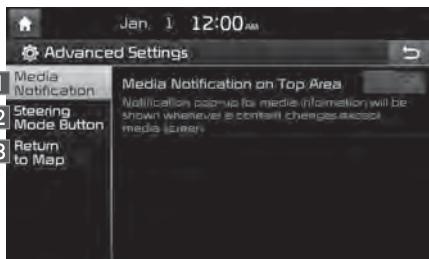


## Connectivity Settings

For more details, refer to Connectivity guide.

## Advanced Settings

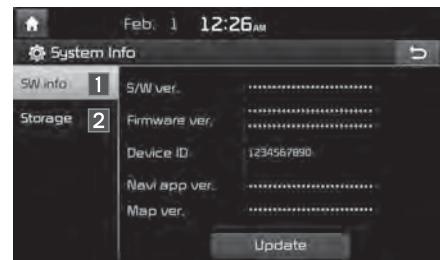
Sets alerts per function if desired by the user.



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

## System Info

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



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

## **System Update**

---

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

### **Information**

---

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

### **NOTICE**

---

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

10

# part.10 Appendix

Product Specification  
Troubleshooting  
FAQ

# Appendix

## Product Specification

### TFT-LCD

|                   |  |
|-------------------|--|
| Screen Size       | Navigation Device - 8 inch(176.4 x 99.36 mm)                 |
| Resolution        | Navigation Device - 384000 pixels<br>(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 ~ 107.9 MHz(Step : 200 kHz) |
|                   | AM : 530 kHz ~ 1710 kHz(Step : 10 kHz)    |
| Sensitivity       | FM : Under 10 dBu/AM : Under 35 dBu       |
| Distortion Factor | Within 2 %                                |

### Common

|                       |                                     |                     |                                  |
|-----------------------|-------------------------------------|---------------------|----------------------------------|
| Name                  | Car TFT LCD Display Navigation Unit |                     |                                  |
| Power Supply          | DC 14.4 V                           | Operating Power     | DC 9 V ~ DC 16 V                 |
| Current Consumption   | 2.5 A                               | Sleep Current       | 0.5 mA<br>(Head Unit Only)       |
| Operating Temperature | -20 ~ +70 °C<br>(-4 ~ +158 °F)      | Storage Temperature | -40 ~ + 85 °C<br>(-40 ~ +185 °F) |
| Dimensions            | 178 x 102 x 138 mm (Main BOX)       |                     |                                  |
| Weight                | 3.0 kg                              |                     |                                  |

## Wi-Fi Details

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

## Bluetooth® Wireless Technology

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

## Troubleshooting

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

| Problem   | Possible Cause   |
|---|--|
| There are small red, blue, or green dots on the screen          | <ul style="list-style-type: none"><li>Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels</li></ul>  |
| The sound or image is not working                               | <ul style="list-style-type: none"><li>Has the Switch for the vehicle been turned to [ACC] or [ON]?</li><li>Has the SYSTEM been turned OFF?</li></ul>   |
| The screen is being displayed but sound is not working          | <ul style="list-style-type: none"><li>Has the volume been set to a low level?</li><li>Has the volume been muted?</li></ul>   |
| When the power is turned on, the corners of the screen are dark | <ul style="list-style-type: none"><li>The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction</li><li>If the screen is very dark, contact your nearest Kia dealer for assistance</li></ul> |
| Sound is working from only one speaker                          | <ul style="list-style-type: none"><li>Are the positions of Fader or Balance sound controls adjusted to only one side?</li></ul>  |

| Problem                            | Possible Cause   |
|------------------------------------|--|
| Sound does not work in AUX mode    | <ul style="list-style-type: none"><li>Are the audio connector jacks fully inserted into the AUX terminal?</li></ul>  |
| The external device is not working | <p>Within modes that play files by reading external sources, such as discs, USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load</p> <ul style="list-style-type: none"><li>If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate</li><li>If the previous mode still cannot be properly played, the mode operated prior to that will operate</li></ul> |

| Problem                    | Possible Cause  | Countermeasure   |
|----------------------------|---|--|
| The power does not turn on | The fuse is disconnected  | <ul style="list-style-type: none"> <li>Replace with a suitable fuse</li> <li>If the fuse is disconnected again, please contact your point of purchase or service center</li> </ul> |
|                            | Device is not properly connected                                | <ul style="list-style-type: none"> <li>Check to see that the device has been properly connected</li> </ul>   |
|                            | The disc has not been inserted or has been inserted upside down | <ul style="list-style-type: none"> <li>Insert the disc properly so that the sides are facing the correct direct</li> </ul>   |
|                            | The disc has been contaminated                                  | <ul style="list-style-type: none"> <li>Wipe away dirt and other foreign substances from the disc</li> </ul>  |
| The system does not play   | The vehicle battery is low                                      | <ul style="list-style-type: none"> <li>Charge the battery If the problem persists, contact your point of purchase or Kia dealer</li> </ul>   |
|                            | A disc not supported by the device has been inserted            | <ul style="list-style-type: none"> <li>Insert a disc which is supported by the device</li> </ul>   |

| Problem                           | Possible Cause                      | Countermeasure   |
|-----------------------------------|-------------------------------------|--|
| Sound does not work               | The image color/tone quality is low | <ul style="list-style-type: none"> <li>The brightness, saturation, hue, and contrast levels are not set properly</li> </ul>  |
|                                   |                                     | <ul style="list-style-type: none"> <li>The volume level is set to the lowest level</li> <li>The connection is not proper</li> </ul>  |
|                                   |                                     | <ul style="list-style-type: none"> <li>The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode</li> </ul>  |
| The sound or image quality is low |                                     | <ul style="list-style-type: none"> <li>Vibration is occurring from where the conversion switch has been installed</li> <li>Image color/tone quality is low</li> </ul>                            |
|                                   |                                     | <ul style="list-style-type: none"> <li>The sound may be short-circuited and the image distorted if the device vibrates</li> <li>The device will return to normal once vibrations stop</li> </ul> |

| Problem  | Possible Cause   | Countermeasure   |
|--|--|--|
| The USB does not work  | <ul style="list-style-type: none"> <li>• USB memory is damaged</li> <li>• USB memory has been contaminated</li> <li>• A separately purchased USB HUB is being used</li> <li>• A USB extension cable is being used</li> <li>• A USB which is not a Metal Cover Type USB Memory is being used</li> <li>• An HDD type, CF, SD Memory is being used</li> <li>• There are no music files which can be played</li> </ul> | <ul style="list-style-type: none"> <li>• Please use after formatting the USB into FAT 12/16/32 format</li> <li>• Remove any foreign substances on the contact surface of the USB memory and multimedia terminal</li> <li>• Directly connect the USB memory with the multimedia terminal on the vehicle</li> <li>• Use standard USB Memory</li> <li>• Only MP3, WMA file formats are supported. Please use only the supported music file formats</li> </ul> |
| The iPod is not recognized even though it has been connected | <ul style="list-style-type: none"> <li>• There are no titles which can be played</li> <li>• The iPod firmware version has not been properly updated</li> <li>• The iPod device does not recognize downloads</li> </ul>   | <ul style="list-style-type: none"> <li>• Use iTunes to download and save MP3 files into the iPod</li> <li>• Use iTunes to update the firmware version and reconnect the iPod with the device</li> <li>• Reset the iPod and reconnect with the device</li> </ul>  |

| Problem  | Possible Cause   | Countermeasure   |
|--|--|--|
| Bluetooth does not work or its limited functions are available | <ul style="list-style-type: none"> <li>• Bluetooth on your mobile phone is set to OFF</li> <li>• The Bluetooth connection is not made</li> </ul> | <ul style="list-style-type: none"> <li>• Set it to ON</li> <li>• Make the connection active</li> </ul> |

 **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 (over 1 seconds). The device power will turn off and the system will reset.

# FAQ

## About Pairing Mobile Phones

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

**A** Check to see that the mobile phone supports Bluetooth® function. Verify if Bluetooth on the cell phone is set to OFF. If so, set it to ON. If the cell phone still can't be registered, try again after turning Bluetooth off and on, or delete the device registration on the AVN 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, press the **Accept** button on the screen or the  key on the steering remote controller.

To reject the call, press the **Reject** button on the screen or press the  key on the steering remote 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 (over 0.8 seconds) the  key on the steering remote controller or press the **Use Private** button at the bottom of the Phone screen to switch the call to your mobile phone.

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

---

**Q** What is the range of my wireless connection?

**A** The wireless connection can be used within 15 yards.

**Q** How many mobile phones can be paired?

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

**Q** Why is call quality sometimes poor?

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

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## **Important Safety Information**

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

### **Keep User's Guide in Vehicle**

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

### **Warning:**

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

### **General Operation**

## **Voice Command Control**

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

## **Prolonged Views of Screen**

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

## **Volume Setting**

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

## **Navigation Features**

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

## **Distraction Hazard**

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

## **Let Your Judgment Prevail**

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

## **Route Safety**

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

## **Potential Map Inaccuracy**

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

## **Emergency Services**

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

## **Use of Speech Recognition Functions**

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

## FCC Warning

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

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

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

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

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

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

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

**MEMO**

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