



E4MS7-BD000

# DIGITAL CAR AVN SYSTEM

## Model: AVB32E4AN

### USER'S MANUAL

Thank you for purchasing this multimedia system.

This user's manual explains how to use the Kia multimedia system. Before using the product, read the contents of this user's manual carefully and use this product safely.

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

## Precaution for safe usage

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

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

- 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.
- At launch, the Apple iPhone® will be the only UVO compatible device. iPhone® is a registered trademark of Apple Inc.
- App Store is a service mark of Apple Inc. No charge for the UVO app. App runs on your smartphone cellular data service. Normal data rates will apply.
- HD Radio™ and the HD Radio™ logo are proprietary trademarks of iBiquity Digital Corporation.

- 24-hour Roadside Assistance is a service plan provided by KIA Motors America, Inc. Certain limitations apply. Coverage details are available in the KIA Warranty and Consumer Information Manual. For access to Enhanced Roadside Assistance, a connected mobile phone via Bluetooth® within the cellular service coverage area is required.
- Vehicle Diagnostics do not take the place of regularly scheduled maintenance. Feature checks powertrain, chassis, and airbag systems only. For factory-recommended maintenance schedule, see the Maintenance Feature of UVO 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.



All Map Database cannot be copied without permission.

**Important Notice:** This is protected by U.S. copyright laws. All rights not expressly granted are reserved.

You may not otherwise reproduce, modify, and distribute the content without HYUNDAI MnSoft, Inc's prior written consent.

## Read the following safety precautions for your safety

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

※ The design and specifications of this product may change without prior notification for product and service improvement.

The actual images in the vehicle may differ from the illustrations.

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

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

For additional information and to obtain related materials including without limitation, the previous referred to licenses and software, please contact us at [MOBIS\\_OSSrequest@mobis.co.kr](mailto:MOBIS_OSSrequest@mobis.co.kr)

## Notations used within this User's Manual

### **WARNING**

---

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

### **CAUTION**

---

- A CAUTION indicates a situation in which damage to your vehicle could result if the caution is ignored.
- 

### **Information**

---

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

### **NOTICE**

---

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

# Table of Contents

## 1. Basic

---

Warnings and Cautions ..... 1-2

Component Names and Functions  
1-4

Head Unit ..... 1-4

Steering Wheel Control..... 1-6

Steering Wheel Control..... 1-7

Starting the System for the First Time  
1-8

Turning the System On/Off ..... 1-8

System Reset..... 1-8

Battery Warning Message ..... 1-9

Restrictions on Features for  
Safety Measures ..... 1-9

Home Screen ..... 1-10

On-Screen Touch Controls ..... 1-12

## 2. Electric Vehicle

---

Getting Started with  
Electric Vehicle Mode ..... 2-2

Electric Vehicle Mode  
Menu Screen ..... 2-2

Range ..... 2-2

Charging Stations ..... 2-3

Energy Information..... 2-3

ECO Driving..... 2-4

Set Charging Times ..... 2-5

Set Climate Times..... 2-7

EV Settings ..... 2-8

## 3. Radio/Media

---

FM/AM..... 3-2

HD Radio™ Technology ..... 3-4

HD Radio™ ..... 3-5

SiriusXM™ ..... 3-6

Selecting through  
Channel/Category List ..... 3-8

Direct Tune ..... 3-8

Viewing Menu ..... 3-8

USB..... 3-11

Before Playing a USB MP3 ..... 3-11

Supported USB music  
specifications ..... 3-13

USB Music ..... 3-14

iPod ..... 3-17

Using iPod Devices ..... 3-17

iPod ..... 3-21

AUX ..... 3-24

Connecting an External Device ... 3-24

Bluetooth® Audio ..... 3-25

Bluetooth Connection ..... 3-26

## 4. Bluetooth

### Before Using the Bluetooth®

#### Handsfree..... 4-2

What is *Bluetooth*® Wireless  
Technology? ..... 4-2

Precautions for Safe Driving ..... 4-2

CAUTIONS upon Connecting  
Bluetooth® Phone ..... 4-3

#### Bluetooth Connection..... 4-4

Pairing a New Device ..... 4-4

Connecting Bluetooth Devices..... 4-4

Disconnecting Bluetooth Devices 4-5

Deleting Bluetooth Devices ..... 4-5

#### Bluetooth Phone ..... 4-6

Phone Status Icons ..... 4-6

Dial ..... 4-7

Accept/Reject Call ..... 4-7

Using the Menu During a  
Phone Call ..... 4-8

Call History ..... 4-9

Contacts ..... 4-10

Favorites ..... 4-11

Viewing a new message ..... 4-11

Viewing messages from the  
messages list ..... 4-12

## 5. UVO

### Rear view mirror key function.... 5-2

#### UVO Voice Local Search ..... 5-3

What is UVO Voice Local Search? ... 5-3

UVO Voice Local Search ..... 5-3

#### Before using UVO ..... 5-4

What is UVO?..... 5-4

What is Telematics? ..... 5-4

Regarding the TX and RX of radio... 5-4

#### Getting Started with UVO ..... 5-5

Driving Info ..... 5-5

Roadside Assist ..... 5-6

Vehicle Diagnostics ..... 5-6

Vehicle Diagnostics ..... 5-7

My POIs ..... 5-8

Virtual Assistant ..... 5-9

UVO Settings ..... 5-9

## 6. Navigation

### Basic Features ..... 6-2

|                                   |     |
|-----------------------------------|-----|
| Operating Navigation Screen ..... | 6-2 |
| Places .....                      | 6-3 |
| Changing Map View .....           | 6-3 |
| Navigation Volume .....           | 6-3 |
| Zoom In/Zoom Out .....            | 6-4 |
| Map Scale .....                   | 6-4 |

### Quick Menu..... 6-5

|                   |      |
|-------------------|------|
| Route .....       | 6-5  |
| Map Display ..... | 6-6  |
| POI .....         | 6-6  |
| Traffic .....     | 6-9  |
| Save .....        | 6-12 |
| Settings .....    | 6-13 |

### Destination Search ..... 6-13

|                             |      |
|-----------------------------|------|
| Places .....                | 6-13 |
| Address .....               | 6-14 |
| Previous Destinations ..... | 6-15 |
| Online Search.....          | 6-16 |
| POI Categories .....        | 6-17 |
| Charging Stations .....     | 6-18 |
| Restaurants .....           | 6-19 |
| Emergency .....             | 6-19 |
| Address Book .....          | 6-20 |
| Coordinates .....           | 6-20 |
| Favorite Places .....       | 6-21 |
| Route Setting .....         | 6-22 |
| Route Guidance .....        | 6-24 |

### Route Search ..... 6-26

|                                 |      |
|---------------------------------|------|
| Canceling Route .....           | 6-26 |
| Route Options .....             | 6-27 |
| Editing Route .....             | 6-27 |
| Display Route Information ..... | 6-28 |
| Route Overview .....            | 6-29 |
| Avoid Street .....              | 6-29 |

### Navigation Settings..... 6-30

|                     |      |
|---------------------|------|
| Display .....       | 6-30 |
| Guidance .....      | 6-31 |
| Import/Export ..... | 6-32 |
| Default .....       | 6-32 |

### Troubleshooting ..... 6-33

## **7. Voice Recognition**

**What is Voice Recognition? ..... 7-2**

**Precautions Required for  
Successful Voice Recognition... 7-2**

**Starting/Ending and  
Setting Voice Recognition..... 7-3**

Starting Voice Recognition ..... 7-3

Ending Voice Recognition..... 7-3

Combining Voice Recognition with  
On-Screen Commands..... 7-3

Extending the Listening Time ..... 7-4

Skipping Prompt Messages ..... 7-5

Adjusting Voice Recognition  
Volume..... 7-5

**Voice Recognition Screen  
Overview ..... 7-6**

Start Screen ..... 7-6

Help Display ..... 7-6

Instructions for Using  
Voice Recognition ..... 7-7

**Voice Commands..... 7-8**

Types of Commands ..... 7-8

Call Commands ..... 7-8

Navigation Commands ..... 7-9

Radio Commands ..... 7-12

UVO Commands List..... 7-12

Other Commands List  
(Commads used in List/Help) ..... 7-13

“Find <POI>” List ..... 7-14

**Siri Eyes Free..... 7-20**

How to start Siri ..... 7-20

How to use Siri ..... 7-20

## **8. Data Services**

**HD Radio™ Data..... 8-2**

About HD Radio™ Data Services... 8-2

Accessing HD Radio™ Data ..... 8-2

HD Radio™ Weather  
Information Mode ..... 8-2

HD Radio™ Doppler Radar ..... 8-3

**SiriusXM™ Data ..... 8-3**

About SiriusXM™ Data Service ... 8-3

Accessing SiriusXM™ Data ..... 8-3

SiriusXM™ Weather  
Announcement ..... 8-3

SiriusXM™ Fuel Price Information ... 8-4

SiriusXM™ Stock Information ..... 8-5

SiriusXM™ Sports Information ... 8-6

SiriusXM™ Movie Information ..... 8-8

## **9. Other Features**

**Climate..... 9-2**

Basic Mode Screen ..... 9-2

**Camera..... 9-3**

About Rear Detection Camera ... 9-4

**Using Voice Memo ..... 9-5**

## 10. Setup

---

|   |      |
|---|------|
| Navigation Settings.....  | 10-2 |
| Sound Settings.....   | 10-2 |
| Display Settings .....  | 10-3 |
| Bluetooth Settings .....  | 10-3 |
| Bluetooth Connection .....                                      | 10-4 |
| Auto Connection Priority .....                                  | 10-5 |
| Message Settings .....  | 10-5 |
| Bluetooth Voice Prompts .....                                   | 10-5 |
| Bluetooth System Info .....                                     | 10-6 |
| UVO Settings.....   | 10-6 |
| Service Activation (when the<br>service is not activated) ..... | 10-6 |
| Service Activation (when the<br>service is expired) .....       | 10-7 |
| 911 Connect .....   | 10-8 |
| Modem Information .....   | 10-9 |

|                                 |       |
|---------------------------------|-------|
| Phone Projection Settings ..... | 10-10 |
| Custom Button Settings .....    | 10-10 |
| Voice Recognition Settings .... | 10-10 |
| Date/Time Settings .....        | 10-11 |
| Language Settings .....         | 10-11 |
| Keyboard Settings .....         | 10-12 |
| Screen Saver Settings.....      | 10-12 |
| Advanced Settings .....         | 10-12 |
| System Info.....                | 10-13 |
| System Update .....             | 10-13 |

## 11. Appendix

---

|  |      |
|--|------|
| Product Specification.....   | 11-2 |
| Troubleshooting .....  | 11-4 |
| FAQ .....  | 11-7 |
| About Pairing Mobile Phones .....  | 11-7 |
| About Making/<br>Answering Phone Calls.....  | 11-8 |
| About <i>Bluetooth</i> ® Wireless<br>Technology/Multimedia System<br>Use Environment ..... | 11-8 |



# Using SD Cards

- **Ejecting and Inserting SD Cards**

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

- **Usage of SD Cards**

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

---

## iPod®

---

iPod® is a registered trademark of Apple Inc.

---

## ***Bluetooth®* Wireless Technology**

---

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

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Kia is under license.

Other trademarks and trade names are those of their respective owners.

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**

---

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

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



# part. 1 Basic

Warnings and Cautions

Component Names and Functions

Starting the System for the First Time

## Warnings

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

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

## Cautions

Turn on the car ignition before using this device. Do not operate the 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.

# Component Names and Functions

## Head Unit



| Name |               | Description   |
|------|---------------|---|
| 1    | RADIO         | Selects FM/AM/SiriusXM™ mode. <ul style="list-style-type: none"><li>Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → FM.</li></ul>  |
| 2    | MEDIA         | Selects MEDIA mode. <ul style="list-style-type: none"><li>If the media is not connected MEDIA mode will not be activated.</li></ul>   |
| 3    | SEEK<br>TRACK | When pressed quickly (less than 0.8 seconds), <ul style="list-style-type: none"><li>FM/AM mode: Plays the previous/next frequency.</li><li>SiriusXM™ mode: Changes the channel.</li><li>MEDIA mode: Changes the track, file or title (except for AUX).</li></ul> When pressed and held down (more than 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>MEDIA mode: Rewinds or fast forwards the track or file (except for AUX, Bluetooth Audio).</li></ul> |
| 4    | POWER/<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 (more than 0.8 seconds) to turn the power off.</li><li>When power is on, press quickly (less than 0.8 seconds) to turn Audio off.</li><li>Turn left/right to adjust the volume.</li></ul>   |



|    | Name  | Description   |
|----|-------|---|
| 5  | MAP   | SD Card insert slot.  |
| 6  | RESET | Resets the system settings. (Preset radio channels and other data will not be deleted)  |
| 7  | MAP   | Displays the map for the current position.  |
| 8  | NAV   | Takes you to the menu screen where you can find your destination and set the route.   |
| 9  |       | Moves to the function set by the user.  |
| 10 | SETUP | Moves to the Setup screen.  |
| 11 | TUNE  | <ul style="list-style-type: none"> <li>FM/AM mode: Changes the frequency.</li> <li>SiriusXM™ mode: Changes the channel.</li> <li>MEDIA mode: Changes the track, file or title (except for AUX, Bluetooth Audio).</li> </ul> |

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

## Steering Wheel Control





| Name     | Description   |
|----------|---|
| <b>1</b> | Use to adjust the volume of audio or call.  |
| <b>2</b> | <ul style="list-style-type: none"> <li>Each time this key is pressed, mode is changed in order FM → AM → SiriusXM™ → USB Music or iPod → AUX → Bluetooth Audio → My Music.</li> <li><b>i</b> You can select which mode to use in Advanced Settings.</li> <li>If the media is not connected, the 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> |

| Name     | Description  |
|----------|--|
| <b>3</b> | <p>When pressed quickly (less than 0.8 seconds),</p> <ul style="list-style-type: none"> <li>FM/AM/SiriusXM™ mode: searches broadcast frequencies or channels saved to Presets.</li> <li>MEDIA(USB/iPod/My Music) mode: changes the 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(USB/iPod/My Music) mode: quickly looks up songs (except for USB images, AUX, and Bluetooth audio files).</li> </ul> |
| <b>4</b> | <p>When pressed quickly. (less than 0.8 seconds)</p> <ul style="list-style-type: none"> <li>Activates voice recognition.</li> </ul> <p>When pressed and held. (more than 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>   |



## Steering Wheel Control



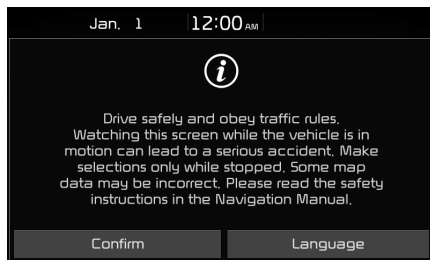
| Name  | Description   |
|---|---|
| <div data-bbox="823 344 847 367">5</div> <div data-bbox="874 344 959 370">  </div> | <p>When pressed quickly. (less than 1.2 seconds)</p> <ul style="list-style-type: none"> <li>• When pressed in the dial screen, makes a call.</li> <li>• When pressed in the incoming call screen, answers the call.</li> <li>• When pressed during call waiting, switches to waiting call (Call Waiting).</li> </ul> <p>When pressed and held. (more than 1.2 seconds)</p> <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> |
| <div data-bbox="823 596 847 619">6</div> <div data-bbox="874 596 959 622">  </div> | <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 safety guide.

### NOTICE

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

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

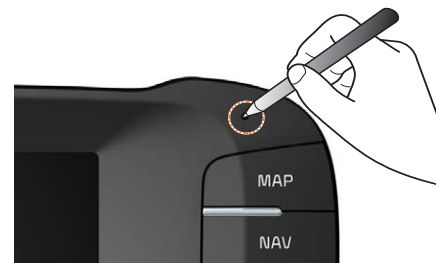
### Information

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

### NOTICE

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

## System Reset



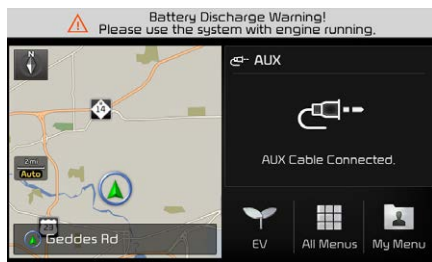
The System Reset function restores the system when it is not operating correctly. Press and hold the RESET key for a second or longer. (It is recommended that you press the RESET key using a tool, such as a pin or a clip.)

---

## Battery Warning Message

---

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



---

## NOTICE

---

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

---

## Restrictions on Features for Safety Measures

---

Several features are limited while driving. The restriction screen will disappear when shifting gears into P or putting the parking brake on.

---

### WARNING

---

#### - Blank Screen

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

---

### WARNING


---

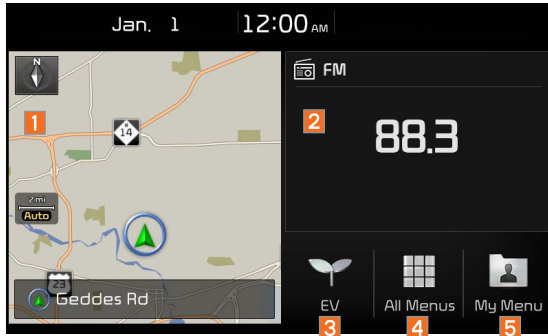
#### - Touching the Antenna During A Thunder Storm

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

## Home Screen

### Controls Menu Configuration for the Home Screen

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


















| Features                   | Description  |
|----------------------------|--|
| <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 or media that is now playing.</li><li>Tap the area to move to the mode that you are listening to.</li></ul>   |
| <b>3</b> PHEV              | Getting Started with PHEV (Plug-in Hybrid Electric Vehicle) Mode.  |
| <b>4</b> All Menus         | Shows all of the items in the system menu.   |
| <b>5</b> My Menu           | Add your favorite menus to have quick and easy access to them.   |

## Information Display on the Status Bar

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

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

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

### **i** Information

- Received signal strength indicator of UVO and LTE information are displayed only in the devices that support the telematics system.

## Adding a Feature to My Menu

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



### **i** Information

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

## On-Screen Touch Controls

Learn how to touch the screen to operate the system.

### Select

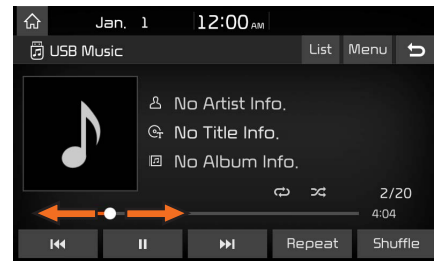
Tap lightly on a menu or an item to select it.

### NOTICE

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

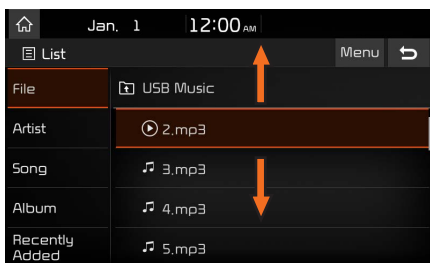
## Drag & Drop

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



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

## Flick (Quick Scrolling)





Quickly moves up and down in the list.

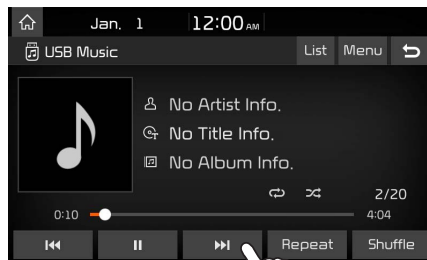


### NOTICE

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

## Select and Hold

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



MEMO



# part.2 Electric Vehicle

Getting Started with Electric Vehicle Mode

Electric Vehicle Mode Menu Screen

Range

Charging Stations

Energy Information

ECO Driving

Set Charging Times

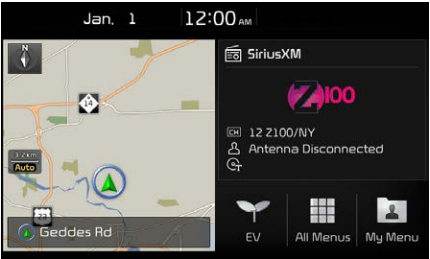
Set Climate Times

EV Settings

# Electric Vehicle

## Getting Started with Electric Vehicle Mode

Select the **EV** menu from the Home screen or press the **EV** key on the left of the **CLIMATE** key.

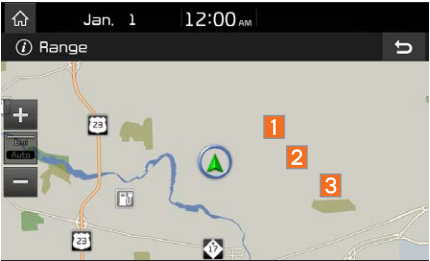


## Electric Vehicle Mode Menu Screen

The EV mode has a total of 6 menus including Range, Nearby Stations, Energy Information, ECO Driving, Set Charging Times/Set Climate Times and EV settings.

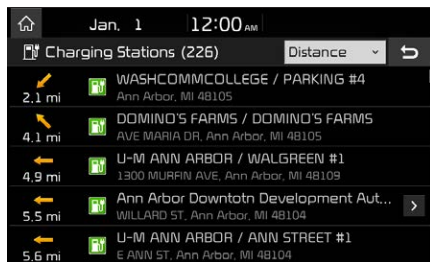


## Range



| Name           | Description                             |
|----------------|---|
| 1 Green circle | Reachable area                          |
| 2 Red circle   | Risky area (depending on circumstances) |
| 3 Shaded area  | Unreachable area                        |

## Charging Stations



Searches for every electric charging station of current location and displays the stations as Reachable, Risky and Unreachable according to the symbol colors.

### EV Route Bar

Displays reachable range during guided driving after navigating a route.

## Energy Information

Displays battery information and electricity use.

### Battery Information



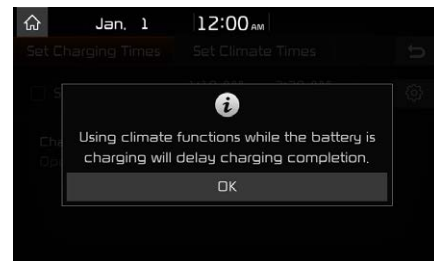
Depending on current capacity of the battery, the following information is displayed: reachable range, total battery power remaining, and expected charging times by charging type.

### Information

- When a charging cable is connected, the remaining charging time for the cable type will be displayed.



- If the Climate function is turned on while battery is being charged, charging completion will be delayed. When pressing the **CLIMATE** key, the following message will be displayed.



## Electricity Use



Current electricity use for drivetrain, climate and electronics parts are displayed. The current reachable range when Range and Climate are turned off is displayed.

### **i** Information

- If the battery is low, the "EV Battery Warning" message is displayed according to warning levels selected in the Battery Warning menu of EV Settings.



## ECO Driving

ECO Level information and ECO Driving History are displayed.

### ECO Level



A total of 8 ECO levels and average fuel economy are displayed depending on driving status.

The ECO levels of ECO driving mode increase by economic, environment-friendly driving.

### History




| ECO Level    | History |           |
|--------------|---------|-----------|
| 05.23.2018   | 21mi    | 3.9mi/kWh |
| 05.22.2018   | 31mi    | 4.5mi/kWh |
| ★ 05.17.2018 | 18mi    | 4.7mi/kWh |
| 05.15.2018   | 7mi     | 3.5mi/kWh |

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

A star icon is displayed on the date of the highest average fuel economy.

### Information

- Press the  button at the top to delete History.

## Set Charging Times

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

Two different schedules can be set.



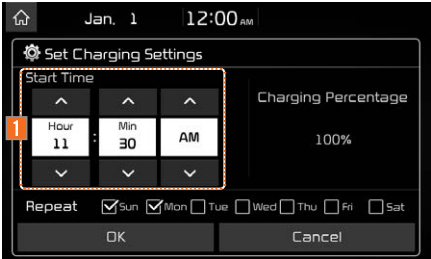
Selecting the Press to Set Charging Times button will show a Set Charging Times Settings pop-up dialog. The button is initially displayed only once.



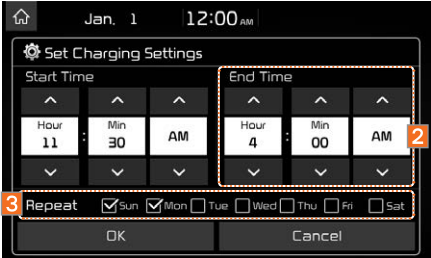
| Name                            | Description   |
|---------------------------------|---|
| 1 Set Start Time + 100% Charge  | Set the Start time for charging for each day of the week. Charges the battery until the battery is fully charged. |
| 2 Set Start Time + Set End Time | Set the Start and End time for charging for each day of the week. Charges until the End time.                     |

The scheduling settings screen will be displayed based on the selected charging mode.

### Set Start Time + 100% Charge



### Set Start Time + Set End Time



| Name         | Description   |
|--------------|---|
| 1 Start Time | Set the time for when the battery starts charging.  |
| 2 End Time   | Set the time for when the battery stops charging.   |
| 3 Repeat     | Automatically schedule according to the current settings.<br>Select the day of the week you want to charge the battery. |



### Information

- The charging start time is set according to the current time displayed in the head unit.
- The battery charging function operates only when charging cable has been connected.
- When a charging cable is connected, the remaining charging time for the cable type will be displayed.

The settings are displayed on the screen once saved.

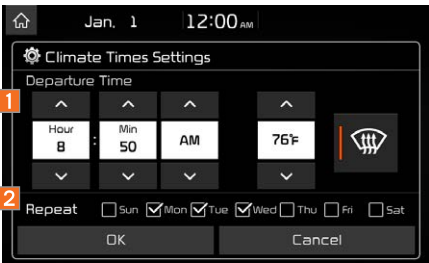
|   | Description   |
|---|---|
| 1 | Reselecting a list changes the settings.            |
| 2 | Set a list to Off to disable its schedule settings. |

# Set Climate Times

This function adjusts internal temperature by automatically turning on the climate control inside the vehicle at the scheduled time on the day that you select. Two different schedules can be set.

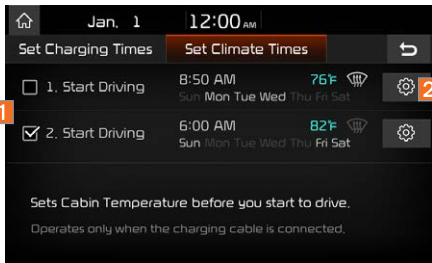


Selecting the Press to Set Climate Times button will show a Set Climate Times Settings pop-up dialog. The button is initially displayed only once.



| Name                    | Description   |
|-------------------------|---|
| 1 Set Time/ Temperature | <ul style="list-style-type: none"><li>• Enter when to start driving.</li><li>• Enter the desired temperature.</li></ul> |
| 2 Repeat                | Select the day to start automatic climate control with set values.  |

- i Information**
- Start Driving time is set according to the current time displayed in the head unit.
  - The Set Climate Times function operates only when the charging cable has been connected.



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

- i Information**
- The new climate time and the existing one must be more than 30 minutes apart. Select a different day or time.

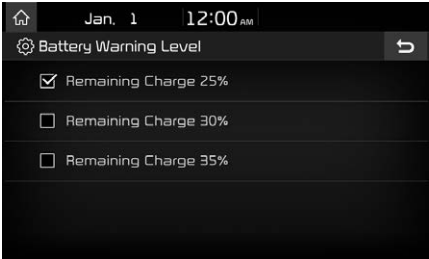
# EV Settings

The settings for EV warnings and routes can be changed.

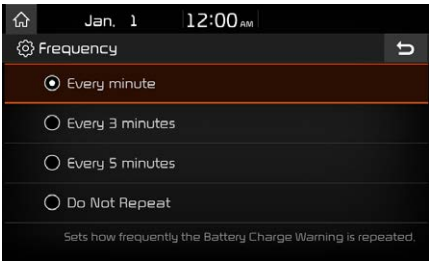
## Warning Settings



EV Battery Warning: Select more than one total battery power remaining to receive warning messages.



Frequency: Select the repeated interval to display the EV Battery Warning.



Dest. Unreachable: A warning message is displayed to inform that the destination is unreachable with the remaining battery.

## EV Route Settings



Displays the EV route on the map. Non-drivable and drivable sections across start point, current position, waypoint and destination are separately marked.





## part.3 Radio/Media

FM/AM

HD Radio™ Technology

SiriusXM™

USB

iPod

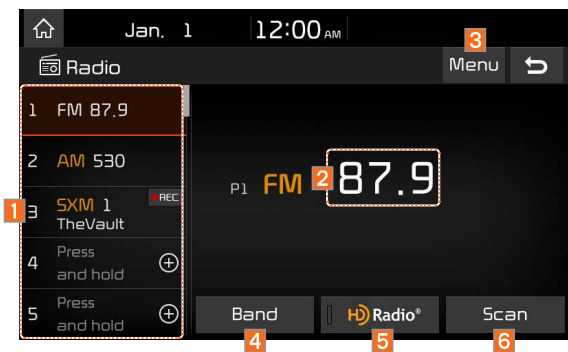
AUX

Bluetooth® Audio

# Radio/Media

## FM/AM

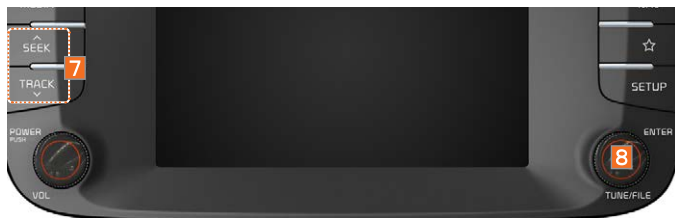
You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu from **All Menus** on the Home screen.




### **i** Information

- If you press the **RADIO** key when the power is off, the power will turn on and a radio broadcast will be tuned from the current mode.

| Features                    | Description  |
|-----------------------------|--|
| <b>1</b> Preset Frequencies | <ul style="list-style-type: none"><li>• The stored preset frequencies are displayed for user selection.</li><li>• After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button.</li><li>• Flick the preset frequencies up/down to scroll quickly through presets.</li></ul> |
| <b>2</b> Frequency          | Displays the current frequency.  |
| <b>3</b> Menu               | <ul style="list-style-type: none"><li>• Station List: Moves to the station list.</li><li>• Info: Turns the Radio text information transmitted from the broadcasting station on and off.</li><li>• Sound Settings: Moves to the Sound Settings.</li></ul>   |
| <b>4</b> Band               | Changes to the desired band from among FM, AM, and SiriusXM™.  |
| <b>5</b> HD Radio           | Used to set whether to turn HD Radio™ reception On or Off.   |
| <b>6</b> Scan               | Shortly plays the broadcasts for the frequencies with superior reception for 5 seconds per item.   |



| Features            | Description  |
|---------------------|--|
| <b>7</b> SEEK/TRACK | <ul style="list-style-type: none"> <li>• When the key is pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency.</li> <li>• When the key is pressed and held (over 0.8 seconds): Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency.</li> </ul> |
| <b>8</b> TUNE       | Turn the  TUNE knob to manually seek available frequencies.   |

# HD Radio™ Technology



This HD Radio receiver enables:

Program Info

Digital Sound

HD2/HD3

Traffic

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

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

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

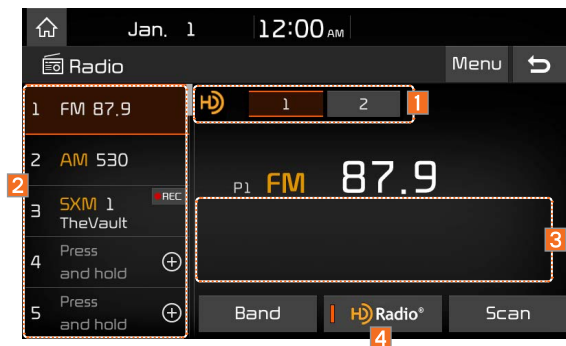
**Traffic** Real-Time Traffic reports, alerts, and flow data displayed on screen via interactive traffic maps and/or data.

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

## **i** Information

- The HD Radio™ screen is displayed only when a HD Radio™ broadcast is being received.
- HD Radio is only available in Metro areas.

## HD Radio™



| Features                                       | Description  |
|--|--|
| <b>1</b> HD Radio™ Reception & Channel buttons | Displays main HD Radio™ channels and used to directly select the current available channels.<br><b>i</b> The HD Radio™ related icon display becomes active within regions where an HD Radio™ signal can be received. |
| <b>2</b> HD Channel Number                     | Analog station and corresponding HD Radio™ channel number saved in the preset list.  |
| <b>3</b> 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)  |
| <b>4</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.  |

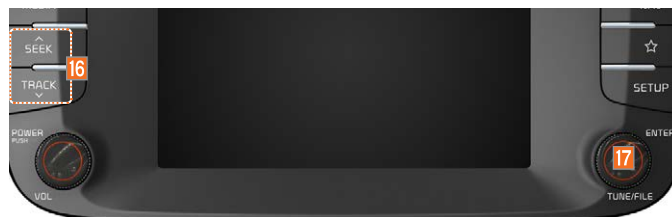
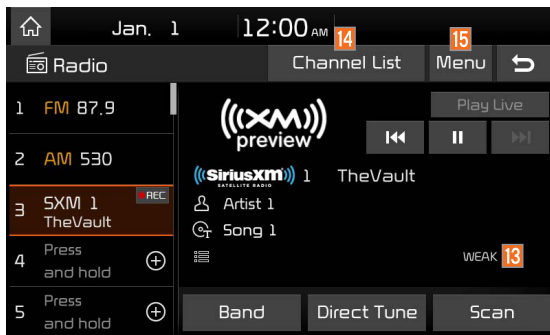
You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from **All Menus** on the Home screen. Select the SiriusXM™ band from the radio player.



**i Information**

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

| Features             | Description   |
|----------------------|---|
| 1 Preset Frequencies | <ul style="list-style-type: none"><li>• Shows the stored presets for user selection.</li><li>• After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button.</li></ul> |
| 2 Channel Logo       | Displays the current channel logo.  |
| 3 Channel Info       | Displays the current channel number and name.   |
| 4 Content Info       | Displays the artist, title and other information about the current playing song.  |
| 5 Category Info      | Displays the category of the currently playing song.  |
| 6 Band               | Changes to the desired band from among FM, AM, and SiriusXM™.   |
| 7 Direct Tune        | Used to search for the desired channel by entering the channel number.  |
| 8 Scan               | Plays all receivable channels for 5 seconds per item.   |
| 9 Play Live          | Switches to the live broadcast mode.  |
| 10 Skip Backward     | <ul style="list-style-type: none"><li>• Repeats the previously broadcasted program.</li><li>• Holding for less than 0.8 seconds: Moves to the previous segment.</li><li>• Holding for more than 0.8 seconds: Moves to the previous 5 seconds.</li></ul>                                     |
| 11 Play/Pause        | Pauses/plays the current broadcasting program.  |
| 12 Skip Forward      | Moves to the next segment.  |



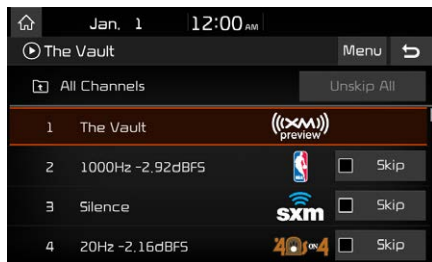
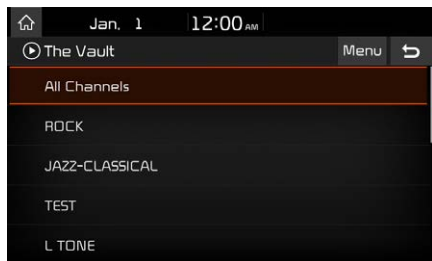
| Features               | Description  |
|------------------------|--|
| <b>13</b> Weak Signal  | Displays the weak radio reception.   |
| <b>14</b> Channel List | Moves to the channel list.   |
| <b>15</b> Menu         | <ul style="list-style-type: none"> <li>What is on My Presets?<br/>The program schedule saved in my preset. (For more details, see Section 3.9. Viewing Menu.)</li> <li>Featured Favorites<br/>Theme channels recommended by SiriusXM™. (For more details, see Section 3.10. Viewing Menu.)</li> <li>Sound Settings<br/>Moves to the Sound Settings.</li> </ul> |
| <b>16</b> SEEK/TRACK   | <ul style="list-style-type: none"> <li>When the key is pressed quickly (less than 0.8 seconds): Plays the previous/next channel.</li> <li>When the key is pressed and held (over 0.8 seconds): Continuously changes the channel until the key is released and plays the current channel.</li> </ul>  |
| <b>17</b> TUNE         | Changes the channel.   |

### **i** Information

- REC icon is shown next to the first 10 SXM presets saved.
- With presets saved, each time the vehicle is started that preset station will be automatically buffered for your convenience.

## Selecting through Channel/Category List

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



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

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

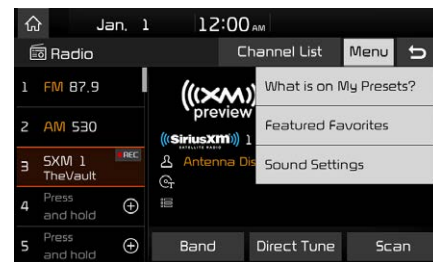
## Direct Tune



Enter the number of the channel you want to receive.

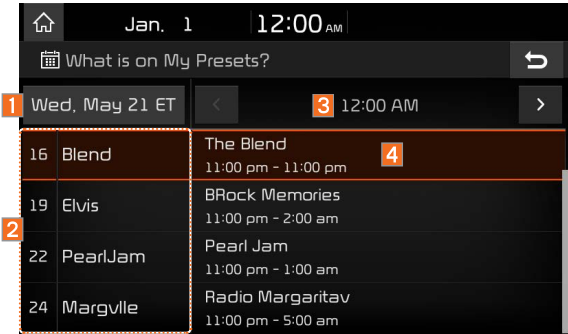
## Viewing Menu

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

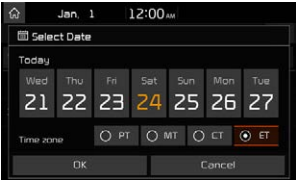




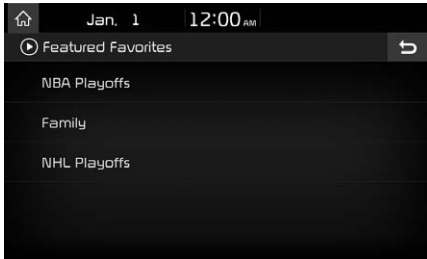
What is on My Presets? (Program Schedule)



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

| Name                    | Description  |
|-------------------------|--|
| 1 Change Broadcast Date | <p>By selecting this option, you can select a broadcasting date.<br/>Broadcast information will be provided for one week from the current date.</p>   |
| 2 Preset                | <p>Shows saved presets for user selection.<br/><b>i</b> A total of 40 frequencies for SiriusXM™ modes can be displayed.</p>  |
| 3 Broadcasting Time     | <p>You can select the time that you want.</p>  |
| 4 Program Information   | <p>Shows you the program titles to be broadcasted at the time that you have chosen.<br/>Select a program to see more details.<br/><b>i</b> 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.</p> |

## Featured Favorites



Featured Favorites feature allows SiriusXM™ to broadcast additional presets.

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

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

## USB

---

### Before Playing a USB MP3

---

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

- Files that are not standard format music files will not be played.
- For MP3/WMA/OGG files, only music files with compression rates between 8Kbps to 320Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB is in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- USB devices, formatted to the FAT12, FAT16, or FAT32 file system, are recommended. File systems other than FAT12, FAT16, FAT32, exFAT, and NTFS are not supported.
- Some USB devices may not be supported due to compatibility issues.
- Take caution so that the USB connector does not come in contact with body parts or objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Make sure to connect/disconnect external USB devices with the audio power turned off.
- The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB.
- The use of USB devices for purposes other than playing music files is prohibited.
- Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.
- When using mass storage USB devices with separate logical drives, only files saved to the root drive can be played.
- When application programs are installed to specific USBs, files may not properly play.

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



Plug Type Connector

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

#### **i** Information

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

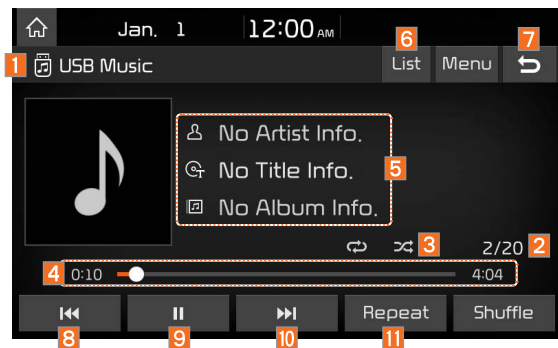
## Supported USB music specifications

| Name   | Description  |
|--|--|
| Audio File Specification                     | MPEG-1/2 layer3, OGG (Vorbis), FLAC, WAV, WMA (Standard/Professional)  |
| Recommended Bit Rates and Sampling Frequency | MPEG-1/2 layer3 <ul style="list-style-type: none"> <li>• 8 kbps to 320 kbps (CBR or VBR), to 48 kHz</li> <li>• ID3 Tag: Supports ID3v1.0 and ID3v1.1, ID3v2.3, ID3v2.4 ID3 tags</li> </ul>   |
|  | OGG (Vorbis): From Q1 to Q10, to 48 kHz  |
|  | FLAC: 8/16/24 bit, to 48 kHz<br>WAV: 8/16 bit, to 48 kHz   |
|  | WMA <ul style="list-style-type: none"> <li>• Standard (0x161): to support L3 Profile: to 385 kbps, to 48 kHz</li> <li>• Professional (0x162): to support M0b: to 192 kbps, to 48 kHz</li> </ul>  |
| Detailed Specifications                      | <p>Maximum directory layers: 20 layers</p> <p>Maximum length of folder name/file name: 255 bytes</p> <p>Supported characters for folder name/file name: Alphanumeric characters, Korean standard character set 2,350 characters, Simplified Chinese 4888 characters</p> <p>Maximum number of folders which can be stored onto one USB: 2000 folders (including ROOT)</p> <p>Maximum number of files which can be stored onto one USB: 8000</p> |

### **i** Information

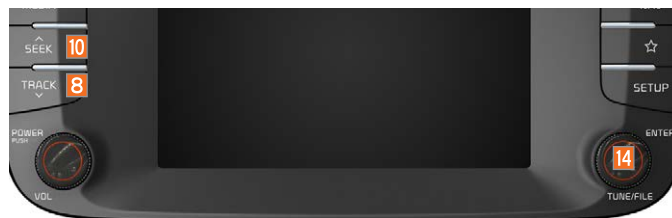
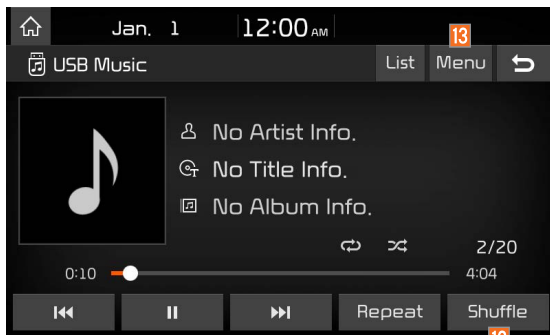
- The sound quality of audio files that use bitrates exceeding 192 kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not operate properly.




## USB Music

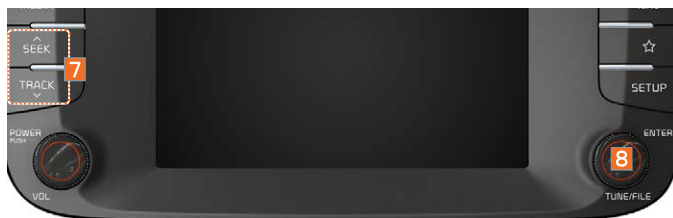
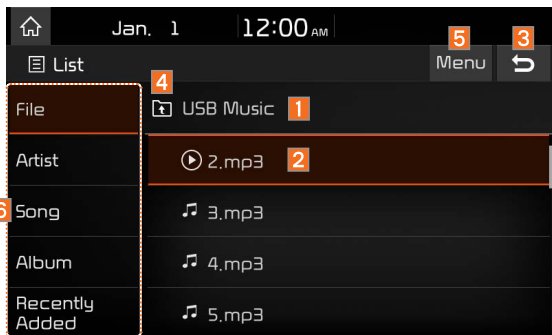




| Features                | Description   |
|-------------------------|---|
| <b>1</b> Mode           | Displays the current operating mode.                          |
| <b>2</b> File Index     | Shows the current file/total files within the USB.            |
| <b>3</b> Repeat/Shuffle | From Repeat/Shuffle, displays the current 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.                                     |
| <b>7</b> Back Button    | Move to the previous screen.                                  |

| Features               | Description  |
|------------------------|--|
| <b>8</b> Previous File | <ul style="list-style-type: none"> <li>If the button is selected (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (depends on the play time). <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 over 3 seconds, play the current file from the beginning.</li> </ul> </li> <li>If the button is selected (over 0.8 seconds) it rewinds the track.</li> </ul> |
| <b>9</b> Play/Pause    | Plays/pauses the current file.   |
| <b>10</b> Next File    | <ul style="list-style-type: none"> <li>If the button is selected (less than 0.8 seconds): Moves to the next file.</li> <li>If the button is selected (over 0.8 seconds): It fast-forwards the track.</li> </ul>  |
| <b>11</b> Repeat       | <p>Repeats the current file.</p> <ul style="list-style-type: none"> <li>If select the file in the file tab on the list screen : select this button to switch between repeating the current file, repeating folder, and repeating all files.</li> <li>If select the song in the other tabs on the list screen: select this button to switch between repeating the current song and repeating all songs.</li> </ul>  |



| Features   | Description   |
|------------|---|
| 12 Shuffle | Plays files in random order. <ul style="list-style-type: none"> <li>Select this button to switch between shuffle and turning shuffle off.</li> </ul>  |
| 13 Menu    | <ul style="list-style-type: none"> <li>Hide Current File: a selected file can be deleted. Deleted file can be found in the "Hidden_" folder.</li> </ul> <i>i</i> This function is only supported when USB format is compatible with FAT16 or FAT32. <ul style="list-style-type: none"> <li>Sound Settings: Moves to the Sound Settings.</li> </ul>  |
| 14 TUNE    | Turn the  TUNE knob to search a desired track. If the desired track is displayed, select the  TUNE knob to play the track.<br><i>i</i> If you do not anything with the  TUNE knob for 5 seconds of searching tracks, the track info for the current track is restored. |



| Features                       | Description   |
|--------------------------------|---|
| <b>1</b> Folder/Category Name  | Displays the folder/category name in the list.  |
| <b>2</b> Current Song          | Displays the current playing file name.   |
| <b>3</b> Back Button           | Move to the previous screen.  |
| <b>4</b> Upper Folder/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>When the key is pressed quickly (less than 0.8 seconds): Plays previous/next track</li> <li>When the key is pressed and held (over 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.</li> </ul>                                   |
| <b>8</b> TUNE                  | Turn the  TUNE knob to move the focus to the previous/next list. If the desired track is displayed, press  TUNE knob to play the track. |



---

## Using iPod Devices

---

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

- ※ During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/iPhone product.) will charge the iPod through the head unit.
  - ※ The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
  - ※ To play iPod music through cable connection, the iPod/USB cable must be connected to the USB port in the front multibox. The USB port in the center console storage (if equipped) is for charging only.
- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1 to 2 seconds immediately after connection. If possible, connect the iPod to the vehicle with the iPod stopped/paused.
  - Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
  - When connecting to iPod Nano/Classic, the Kia logo appears on the Apple device. For the iPod Nano 6 generation, however, the logo image does not appear since it is not supported. Also, all iPhone and iPod Touch products do not support this function.
- In Apple's iOS 6.0 version or later, Podcast and Audiobook media files are designed to be played with the Podcasts and iBooks applications specifically designed for Apple products. If the Apple device does not provide the Podcast and Audiobook lists, the playlist may not be displayed and played in the iPod mode.
  - If the Apple Podcasts and iBooks apps are not installed on the Apple device, but the Apple device provides the Podcast and Audiobook lists, you can play files in other categories in iPod mode.
  - The screen of multimedia system can be different when you run other music players (e.g. iHeartRadio) on your connected device.

- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changed some functions in the device.
- When calling with an iPhone connection, song may stop playing due to an Apple device feature. If sound does not resume after the call is terminated, check the device status.
- If lots of songs have the same information, skipping may occur when previous/next song is executed due to an Apple device feature. Also problems may occur depending on device type or iOS version.
- If lots of songs have the same information, it may occur difference of playing songs between the Multimedia system and Apple device. Reset the device or delete the same songs in the Apple device using iTunes.
- If you control pause, repeat, shuffle, or seek songs when the play time is less than 3s before the song is finished playing, it may occur difference of playing song between the Multimedia system and Apple device. Access to iPod music from another mode or pause a song and then play a song again in Apple device.
- If the iPhone/iPod Touch supports Bluetooth, the Apple device will not be able to use the Bluetooth function if the device is connected through both the USB port and via Bluetooth. Disconnect the USB connection then use Bluetooth Audio.
- If iPod/iPhone connected to the Multimedia system through both USB and AUX. iPod/iPhone keeps output sound via AUX, thus it may occur sound will not output in iPod mode.
- If AUX cable connected to iPod/iPhone but not connect to the Multimedia system, it may occur sound will not output in iPod mode due to iPod/iPhone's feature.
- Disconnect AUX cable from iPod/iPhone first, then connect to the Multimedia system via USB. Or change settings to "Dock" in iPod/iPhone.
- If connect to the Multimedia system while podcast or iTunes music downloading to iPod/iPhone, it may occur some problems when you select song in the list. Reconnect iPod/iPhone to the Multimedia system when downloading is finished or the file deleted.
- If connect to the Multimedia system while sync, it may occur some problems. Try to use iPod/iPhone connection after sync complete. (To learn more, refer to your iPod manual)

- iPhone and iPod Touch devices are guaranteed to work normally on iOS 9.3.2 or below. However, they may not work normally on future iOS versions as their operations have not yet been tested.
- We recommend that your Apple device uses the latest firmware since some problems may occur due to an outdated firmware or other software related issues.

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

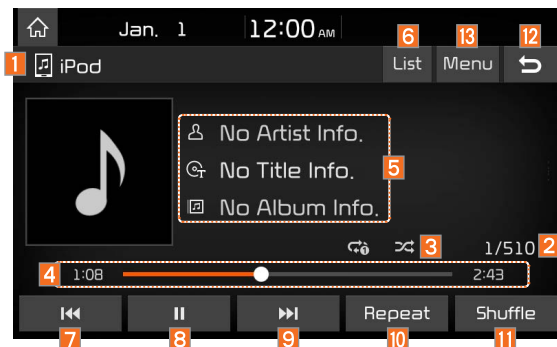
  

| Type         | 1G  | 2G | 3G | 4G                     | 5G                  | 6G                  | 6.5G         | 7G |
|--------------|---|----|----|------------------------|---------------------|---------------------|--------------|----|
| iPad         | ○ (Unable to charge, Not verified, Normal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

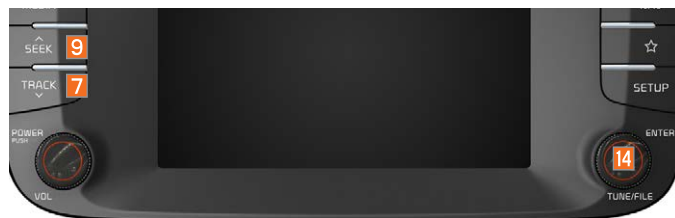
| Type   | 3G  | 3GS | 4 | 4S | 5 | 5C | 5S | 6 | 6+ | 6S | 6S+ | SE | 7 | 7+ |
|--------|---|-----|---|----|---|----|----|---|----|----|-----|----|---|----|
| iPhone | Not verified,<br>Normal operation<br>not guaranteed | ○   | ○ | ○  | ○ | ○  | ○  | ○ | ○  | ○  | ○   | ○  | ○ | ○  |





## iPod

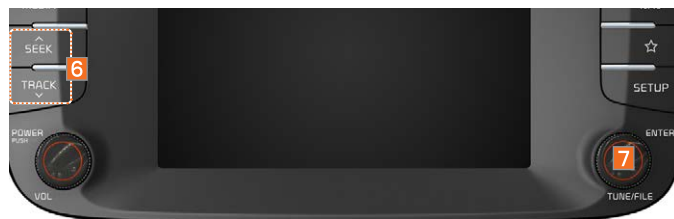
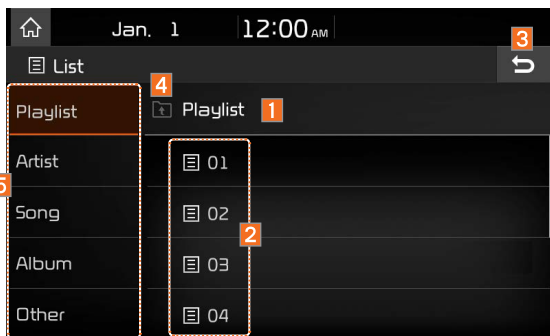


| Features                | Description   |
|-------------------------|---|
| <b>1</b> Mode           | Displays the current operating mode.                          |
| <b>2</b> Song Index     | Shows the current song/total songs.                           |
| <b>3</b> Repeat/Shuffle | From Repeat/Shuffle, displays the current 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 the button is selected (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (depends on the play time).</li> <li>If play time is less than 3 seconds, moves to previous file.</li> <li>If play time is over 3 seconds, play the current file from the beginning.</li> <li>If the button is selected (over 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 the button is selected (less than 0.8 seconds): Moves to the next file.</li> <li>If the button is selected (over 0.8 seconds): It fast-forwards the track.</li> </ul>  |
| <b>10</b> Repeat       | <p>Repeats the current song.</p> <ul style="list-style-type: none"> <li>Select this button to switch between repeating the current song and repeating category all songs. (It all depends on the specification of your Apple device.)</li> </ul>   |
| <b>11</b> Shuffle      | <p>Plays songs in random order.</p> <ul style="list-style-type: none"> <li>Select this button to switch between shuffle category and turning shuffle off. (It all depends on the specification of your Apple device.)</li> </ul>   |
| <b>12</b> Back Button  | Move to the previous screen.   |
| <b>13</b> Menu         | Sound Settings: Moves to the Sound Settings.   |



| Features       | Description  |
|----------------|--|
| <b>14</b> TUNE | <p>Turn the  TUNE knob to search a desired track. If the desired track is displayed, press the  TUNE knob to play the track.</p> <p> If you do not anything with the  TUNE knob for 5 seconds of searching tracks, the track info for the current track is restored.</p> |



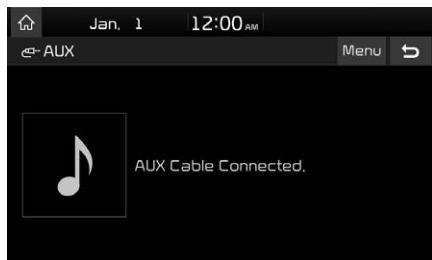
| Features                | Description  |
|-------------------------|--|
| <b>1</b> Category Name  | Displays the category name.  |
| <b>2</b> Category List  | Displays the contents of selected category.<br><b>i</b> If there are many items in the list, items are added in order and the scroll bar on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

## AUX

### Connecting an External Device

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

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



### NOTICE

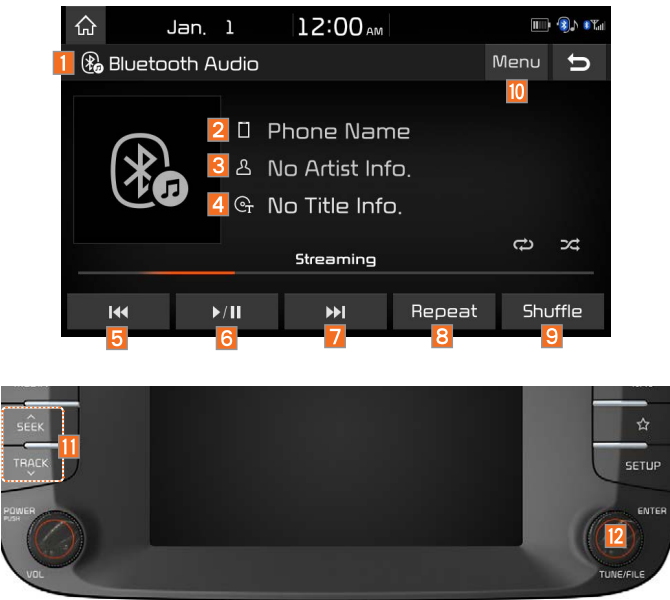
- If only a cable is connected to the AUX without an external device, the mode will be changed to AUX, but noise may occur. When an external device is not being used, remove the connector jack.
- When the external device power is connected to the power jack, playing the external device may output noise.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



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



# Bluetooth® Audio



| Features      | Description                          |
|---------------|--------------------------------------|
| 1 Mode        | Displays the current operating mode. |
| 2 Phone Name  | Displays name of connected phone.    |
| 3 Artist Info | Name of current artist.              |
| 4 Title       | Name of current song.                |

| Features        | Description  |
|-----------------|--|
| 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 over than 3 seconds, plays the current file from the beginning.</li></ul> <i>i</i> This function may differ depending on the model of mobile phone. |
| 6 Play/Pause    | Plays/Pauses Bluetooth Audio.  |
| 7 Next File     | Moves to the next file.  |
| 8 Repeat        | Repeats the current file.<br><i>i</i> This function may differ depending on the model of mobile phone.   |
| 9 Shuffle       | Plays files in random order.<br><i>i</i> This function may differ depending on the model of mobile phone.  |
| 10 Menu         | <ul style="list-style-type: none"><li>Connections: Moves to the Bluetooth Connection. You can pair a new device or change/delete paired device(s).</li><li>Sound Settings: Moves to the Sound Settings.</li></ul>  |
| 11 SEEK/TRACK   | Plays the previous/next file.  |
| 12 TUNE         | ● TUNE is not supported.   |

### *i* Information

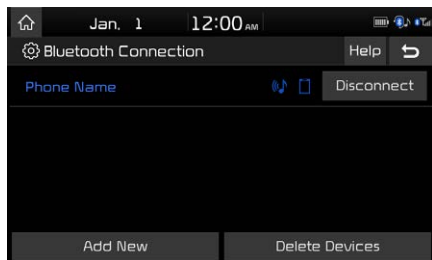
- Artist info and Title may not be supported by mobile phone.
- While in use of other functions after connecting your mobile phone through a USB cable, the Bluetooth audio is disabled.
- Depending on the connected Bluetooth device, mobile phone, or the music player you are using, playback controls may differ.
- Depending on the music player you are using, streaming may not be supported.

---

## Bluetooth Connection

---

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



- In Bluetooth Audio play screen, select

**Menu**

and then

**Connections**.

---

### **i** Information

---

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

# part.4 Bluetooth

Before Using the Bluetooth® Handsfree  
Bluetooth Connection  
Bluetooth Phone

# Bluetooth

## Before Using the Bluetooth® Handsfree

---

### What is Bluetooth® Wireless Technology?

---

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

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



---

#### WARNING

##### - Distracted Driving

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

---

### Precautions for Safe Driving

---

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

---

## CAUTIONS upon Connecting Bluetooth® Phone

---

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

## Bluetooth Connection


### Pairing a New Device

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





Up to 5 Bluetooth devices can be paired.

Only one Bluetooth device can be connected at a time.

### Pairing a New Device by Selecting Phone/Call

Press the  key on the steering wheel control. ► Pair your car after your mobile phone detects the Bluetooth device. ► Enter the passkey or accept the authorization popup. ► Connect Bluetooth.

### Pairing a New Device Through the Phone Settings

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




The default passkey is 0000.

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

### Connecting Bluetooth Devices

Connects the Bluetooth devices that you add.

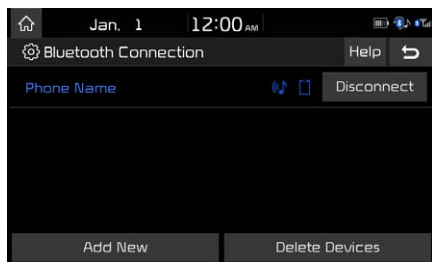
### Connecting Devices by Selecting Phone/Call

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



## Connecting Devices Through the Phone Settings

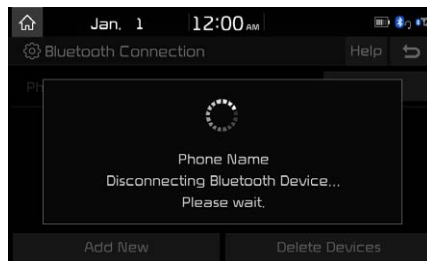
Press the **SETUP** key. ▶ Select **Bluetooth**.  
▶ Select **Bluetooth Connection**. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.



## Disconnecting Bluetooth Devices

Disconnects Bluetooth devices that are connected.

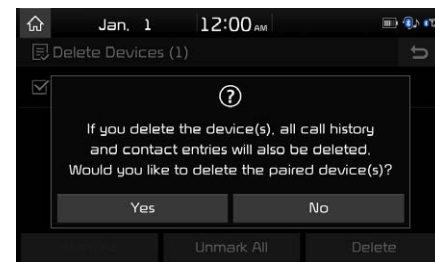
Press the **SETUP** key. ▶ Select **Bluetooth**.  
▶ Select **Bluetooth Connection**. ▶ Select the name of the device to disconnect.



## Deleting Bluetooth Devices

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

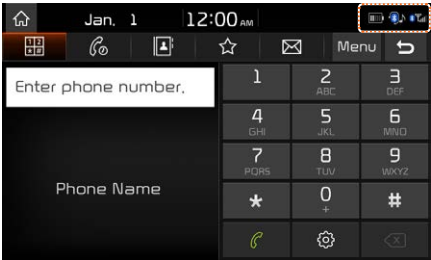
Press the **SETUP** key. ▶ Select **Bluetooth**. ▶ Select **Bluetooth Connection**. ▶ Select **Delete Devices**. ▶ Select the device name to delete. ▶ Select **Delete**.



# Bluetooth Phone

## Phone Status Icons

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



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



**i Information**

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



## Dial

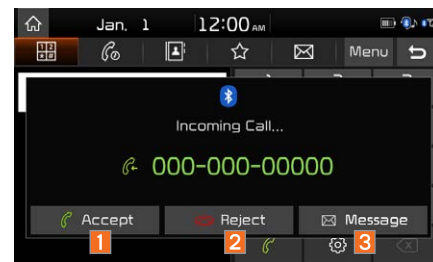


| Name                        | Description  |
|-----------------------------|--|
| <b>1</b> Keypad             | Use the keypad to enter the phone number that you want to call. Select and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone  |
| <b>2</b> Call               | Makes a call after you dial a number and select  . If the number is listed in Dialed Calls, you can select the number and select  to automatically dial that number again. |
| <b>3</b> Settings           | Moves to a screen of Bluetooth Connection.   |
| <b>4</b> Delete             | Deletes the numbers that you entered.  |
| <b>5</b> Bluetooth Settings | Moves to a screen of Bluetooth Settings.   |

### **i** Information

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

## Accept/Reject Call



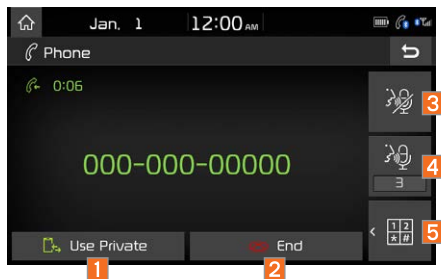
If there is an incoming call after you made a Bluetooth connection, a popup message will appear.

| Name             | Description                          |
|------------------|--------------------------------------|
| <b>1</b> Accept  | Answers the call.                    |
| <b>2</b> Reject  | Ignores the call.                    |
| <b>3</b> Message | Reject the call with a text message. |

### **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.

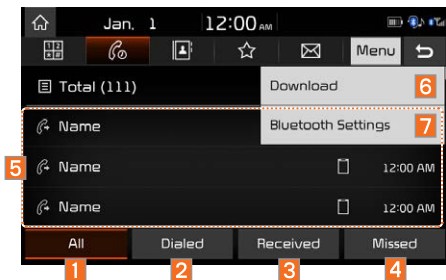
| Name                     | Description   |
|--------------------------|---|
| <b>1</b> Use Private     | Switches a voice call from the car Hands-free to the mobile phone.  |
| <b>2</b> End             | Ends a call.  |
| <b>3</b> Mute            | Mutes the microphone during a call.   |
| <b>4</b>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

### **i** Information

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


## Call History

Select **All Menus** ► **Phone** ► .



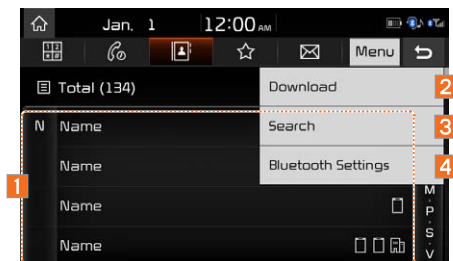
| Name                        | Description   |
|-----------------------------|---|
| <b>1</b> All                | Lists the all call history.   |
| <b>2</b> Dialed             | Lists the calls that you made.  |
| <b>3</b> Received           | Lists the calls that you have received.               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

### **i** Information

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

## Contacts

Select **All Menus** ► **Phone** ► .



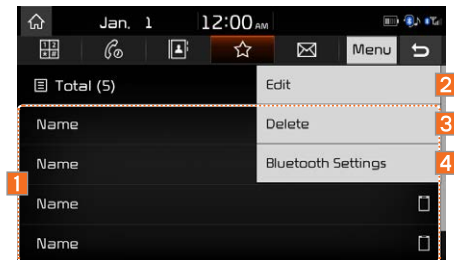
| Name                        | Description  |
|-----------------------------|--|
| <b>1</b> Contacts List      | The list of Contacts. Select from the list to dial the number. |
| <b>2</b> Download           | Downloads contacts from your mobile phone.                     |
| <b>3</b> Search             | 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 Multimedia system. Keep your important data in a safe place.
- Contacts from both the SIM card and your mobile phone are downloaded at the same time by default.
- Only supported contacts format can be downloaded and displayed from the Bluetooth device, contacts from some applications will not be included.
- The status bar displays a  while downloading contacts.
- The download will not be available if the contacts download function is turned off on your Bluetooth device.
- Some devices require a device authentication for downloading your contacts. If download fails, check your phone screen and confirm the download if necessary.
- Some devices do not support contacts download feature. Check if your Bluetooth device supports contacts download. For Bluetooth supporting devices details and compatibility, visit <http://www.kia.com>

## Favorites

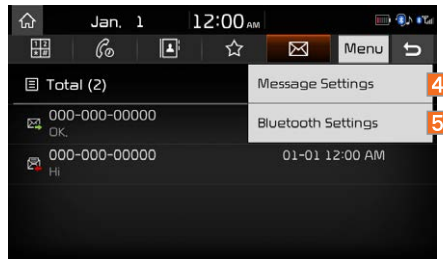
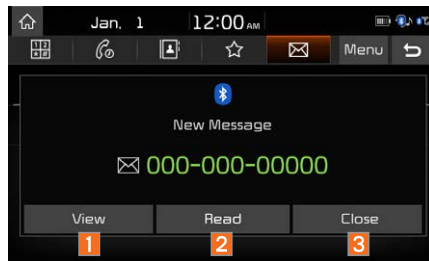
Select **All Menus** ► **Phone** ► .



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

## Viewing a new message

When you receive a message, a new message notification appears.

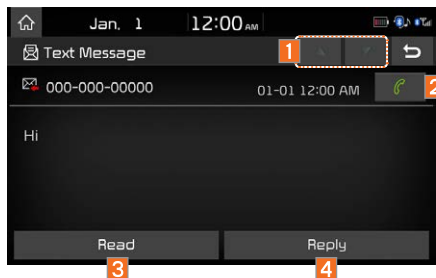


| Name                        | Description   |
|-----------------------------|---|
| <b>1</b> View               | View the message details.   |
| <b>2</b> Read               | Convert the message to voice and listen to it through the vehicle's speakers. |
| <b>3</b> Close              | Close the notification pop-up window.   |
| <b>4</b> Message Settings   | Customize the settings for receiving messages.                                |
| <b>5</b> Bluetooth Settings | Customize the settings for Bluetooth connections.                             |

## Viewing messages from the messages list

Select **All Menus** ► **Phone** ►  ►

Select a message from the list.



| Name           | Description   |
|----------------|---|
| <b>1</b> ▲ / ▼ | Move to the previous or next message.   |
| <b>2</b> Call  | Call the sender back.   |
| <b>3</b> Read  | Convert the message to voice and listen to it through the vehicle's speakers. |
| <b>4</b> Reply | Send a simple reply using one of the message templates.                       |

### **i** Information

- To receive notifications every time you receive a message, access the message list, touch Menu ► Message Settings and touch Message Notification to select it.
- To edit the reply message templates, access the messages list, touch Menu ► Message Settings ► Predefined Messages and select the template you want to edit.
- To edit or delete templates, park your vehicle in a safe location first and use your mobile phone's messaging function. You cannot edit or delete your messages on your system.
- When you connect an iPhone, you may have some restrictions on receiving messages.
  - If the caller information is saved in your contacts list, only the caller's name will be displayed.
  - If the caller information is not saved in your contacts list, only the caller's phone number will be displayed.
  - Replying to received messages is not available.

## part.5 UVO

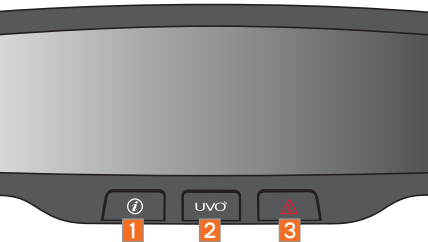
Rear view mirror key function

UVO Voice Local Search




Before Using UVO

Getting Started with UVO

Rear view mirror key function



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

| Location  | Description  |
|---|--|
| 1  | Virtual Assistant <ul style="list-style-type: none"><li>Connects to the UVO center and provides information about the UVO features. (For more information, see the Virtual Assistant section.)</li></ul>           |
| 2  | UVO Voice Local Search <ul style="list-style-type: none"><li>UVO Voice Local Search (For more information, see the UVO Voice Local Search section.)</li></ul>  |
| 3  | Roadside Assist <ul style="list-style-type: none"><li>Connects to the center and provides vehicle towing services in case of a vehicle anomaly. (For more information, see the Roadside Assist section.)</li></ul> |

※ Refer to UVO service manual for more UVO features.



# UVO Voice Local Search

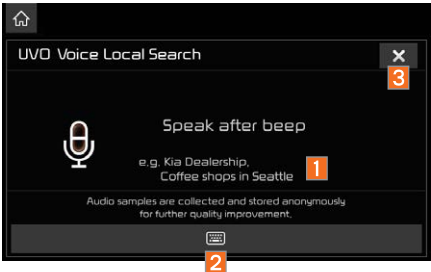
## What is UVO Voice Local Search?

With UVO network service, you can search for a place names with your voice. This feature operates separately from the voice recognition feature that activates from the button on the steering wheel. UVO Voice Local Search is activated by pressing the **UVO** button on the rear view mirror.

The search is done through network services; it is only available when connected to a communication network. You must have a UVO Services subscription to activate this feature.

## UVO Voice Local Search

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



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

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

The UVO function is supported for vehicles purchased in USA.

## Before using UVO

---

### What is UVO?

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

---

### What is Telematics?

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

---

### Regarding the TX and RX of radio

---

Connection to the UVO Center or wireless data transmission may be disrupted in the following places.

For radio wave transmission/reception status, refer to the status displayed on the UVO screen.

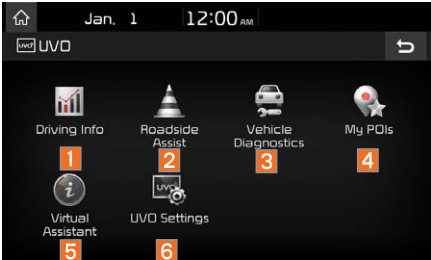
Places where UVO may be disrupted depending on the transmission/reception status:

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

# Getting Started with UVO

You can use UVO features including Roadside Assist, Vehicle Diagnostics, My POIs, Virtual Assistant, UVO Settings.

- 1. Select **All Menus** ► **UVO** .
- 2. Select the desired item.



| Name                  | Description   |
|-----------------------|---|
| 1 Driving Info        | Displays information such as Driving Time/ Idle Time, Deceleration/ Acceleration Distribution, Driving Speed and Driving Distance.                    |
| 2 Roadside Assist     | Provides services including emergency assistance and vehicle towing in case of a vehicle anomaly or emergency through a connection to the UVO center. |
| 3 Vehicle Diagnostics | Diagnoses anomalies in the vehicle and checks diagnostic results.   |
| 4 My POIs             | Displays the POI information transmitted via webpages, the user's smartphone, etc.  |
| 5 Virtual Assistant   | Connects to the UVO center and provides information about the UVO features.   |
| 6 UVO Settings        | Displays Service Activation, 911 Connect, and Modem Information.  |

## Driving Info

Select **All Menus** from Home Screen display.

► Select **UVO** ► **Driving Info** icon.



Select the **Update** button to receive up-to-date driving information.

---

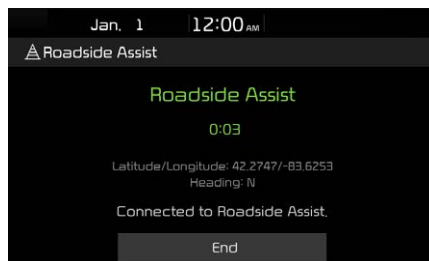
## Roadside Assist

---

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

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

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



### NOTICE

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

---

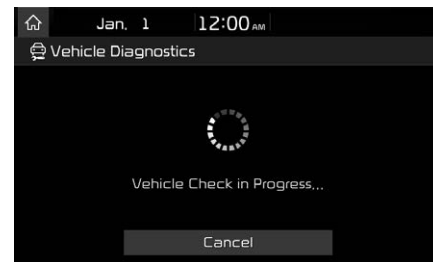
## Vehicle Diagnostics

---

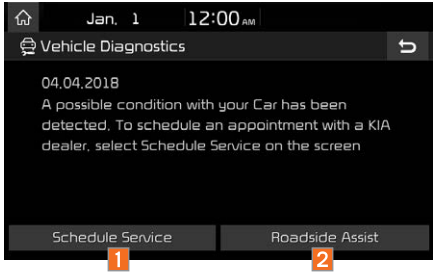
### Manual Diagnostics

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

1. Select **All Menus** ► **UVO** ► **Vehicle Diagnostics**.

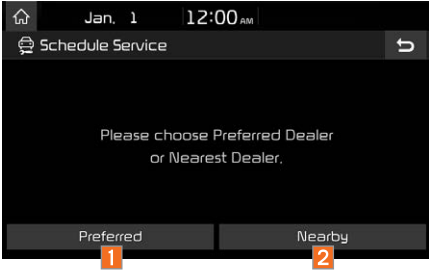


2. Select the desired item.



| Name                      | Description  |
|---------------------------|--|
| <b>1</b> Schedule Service | Requests a service from your preferred dealership or a nearby dealership.                            |
| <b>2</b> Roadside Assist  | Connects to the center for Roadside Assist. (For more information, see the Roadside Assist section.) |

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



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

**NOTICE**

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

## Vehicle Diagnostics

### Auto Diagnostics

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

**NOTICE**

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

## My POIs

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

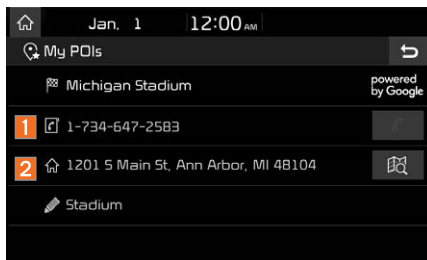
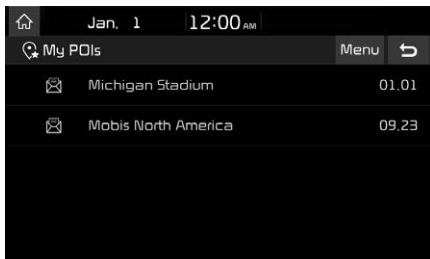
You need to sign up for UVO to use My POIs.

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

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

1. Select **All Menus** ► **UVO** ► **My POIs**.

Select the desired POI to view detailed information about it.



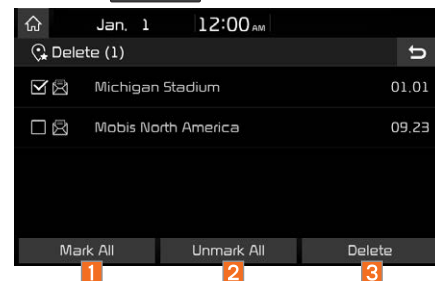
| Name           | Description   |
|----------------|---|
| 1 Phone Number | If you select Phone Number, a call is made to the phone number.     |
| 2 Address      | If you select Address, the address is plotted on the on-screen map. |

### NOTICE

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

## Deleting My POIs

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



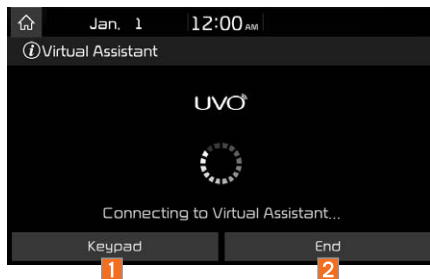
| Name         | Description                      |
|--------------|----------------------------------|
| 1 Mark All   | Selects all POIs.                |
| 2 Unmark All | Deselects all the selected POIs. |
| 3 Delete     | Deletes the selected POIs.       |

## Virtual Assistant

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

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

1. Select **All Menus** ► **UVO** ► **Virtual Assistant**.



| Name            | Description                  |
|-----------------|------------------------------|
| <b>1</b> Keypad | Displays the numeric keypad. |
| <b>2</b> End    | Ends Call.                   |

### NOTICE

- The Virtual Assistant is not available during a Bluetooth call.

## UVO Settings

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

MEMO





# part.6 Navigation

Basic Features

Quick Menu

Destination Search

Route Search

Navigation Settings

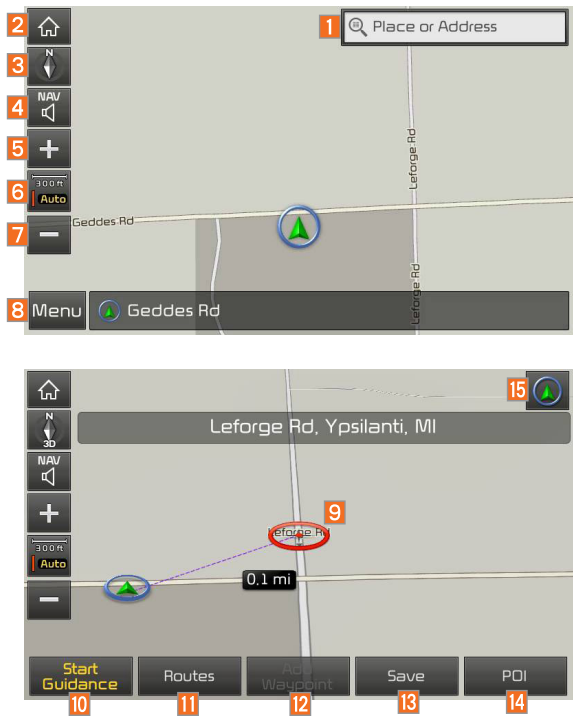
Troubleshooting

# Navigation

## Basic Features

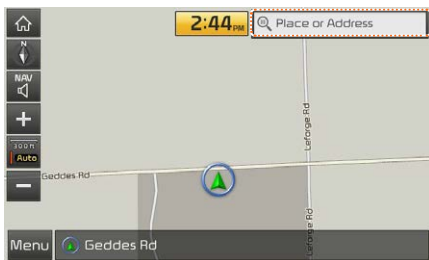
### Operating Navigation Screen

Basic features on the map screen.

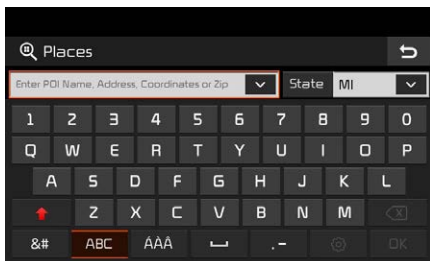


|    | Name | Description   |
|----|------|---|
| 1  |      | Move to Places Menu.  |
| 2  |      | Go to the Home screen.                                      |
| 3  |      | Change the map view mode.                                   |
| 4  |      | Adjusts the volume.   |
| 5  |      | Zoom in the map.  |
| 6  |      | Set the zoom level automatically according to the guidance. |
| 7  |      | Zoom out the map.   |
| 8  |      | Quick Menu for destination selection and options.           |
| 9  |      | Touch to scroll the map.                                    |
| 10 |      | Start the preferred navigation route to selected location.  |
| 11 |      | Choose the preferred navigation route to selected location. |
| 12 |      | Set a waypoint to the current route.                        |
| 13 |      | Save frequently used address to address book.               |
| 14 |      | Find a POI(Point Of Interest) around the current position.  |
| 15 |      | View the vehicle's current position on the map screen.      |

## Places



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



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


## Changing Map View

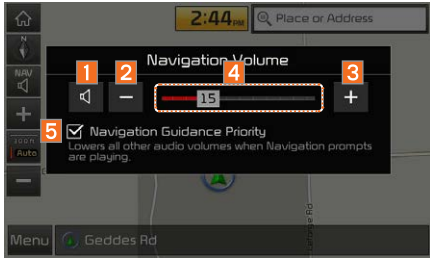


Touch the compass arrow icon to toggle between a map oriented to the North, or oriented parallel to the vehicle's heading and 3D View.

## Navigation Volume



Select the  button to adjust the navigation volume.



| Name | Description   |
|------|---|
| 1    | Set the volume to mute.   |
| 2    | Turn the volume down.   |
| 3    | Turn the volume up.   |
| 4    | Slide to set the volume.  |
| 5    | Lowers all other audio volumes when Navigation prompts are playing. |

## Zoom In/Zoom Out

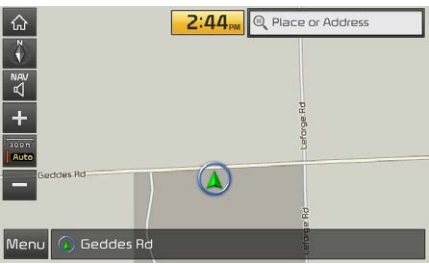
Zoom the map view screen in and out.



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

## Map Scale

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



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

## i Information

- If the HD Radio or SiriusXM service is available for traffic information, the corresponding icon will appear at the top of the navigation screen. HD Radio is only available in metropolitan areas.
- HD Radio (): Vehicle uses HD data services if the vehicle is a Metropolitan area with strong signal strength.
- SiriusXM (): Vehicle uses SXM data services if subscribed when HD broadcast is not available.

# Quick Menu

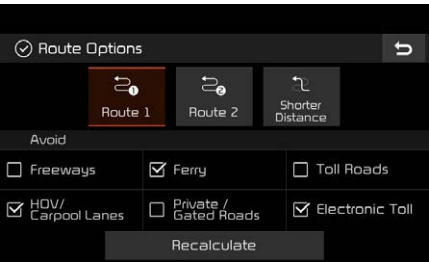
## Route

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



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

## Route Options

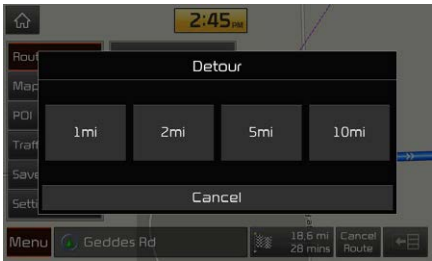


Select your preferred route and avoid options. Then select the **Recalculate** button to save your selection. These options will become default for future routes.

## Detour



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



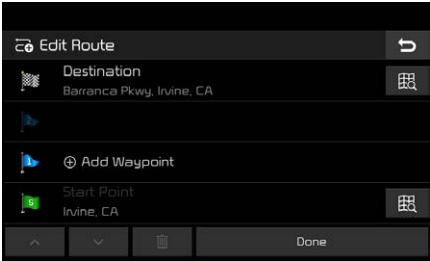
Selected distance is detoured from the current location.

### Edit Route



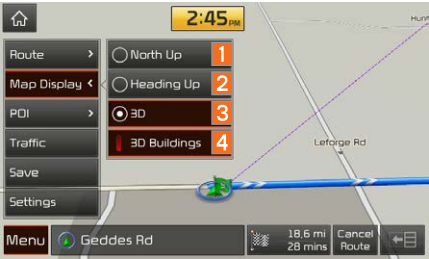
Select the **Edit Route** button to change the route.

Refer to the Route > Editing Route section in the manual for more information(page 5-26).



### Map Display

Displays the direction of the map.  
Press **N**, **Heading Up** or **3D**.



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

### POI

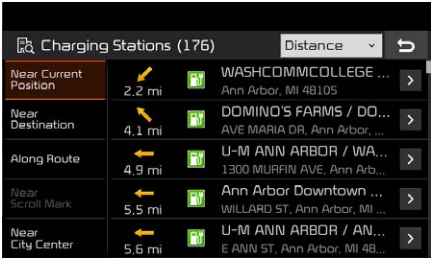
Select the **Menu** button on the bottom left of the screen ► Select the **POI** button.

### View Nearby POIs

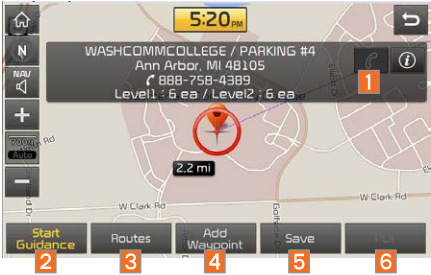


Select ☐ check button to set whether to show nearby POIs or not. When categories are selected, they will appear on the map. (ex. Electric Charging Stations)

The lists of nearby Charging stations are displayed.

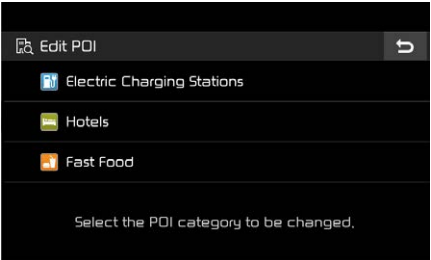


The list can be sorted to display in order of distance or name.

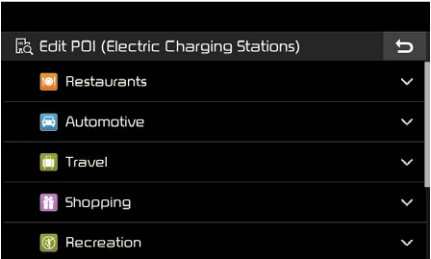


| Name | Description  |
|------|--|
| 1    | Call to the selected location (Phone needs to be connected via Bluetooth). |
| 2    | Start the preferred navigation route to selected location.                 |
| 3    | Choose the preferred navigation route to selected location.                |
| 4    | Set the location as a waypoint.  |
| 5    | Save the location.   |
| 6    | Search nearby POIs.  |

Edit



Change the shortcut POIs to display.  
(ex. Electric Charging Stations)



Select the desired category to change.  
(ex Restaurants)

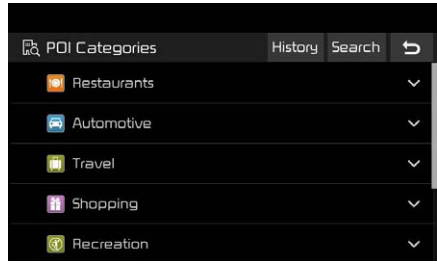


Select new category to display.  
(ex. American)



Gas Stations is changed to American .

## POI Categories

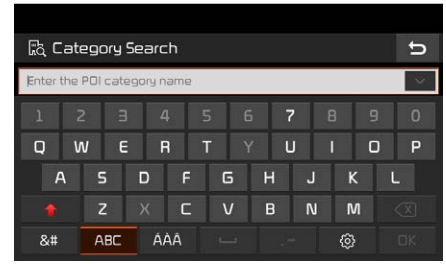


Select the item to search.

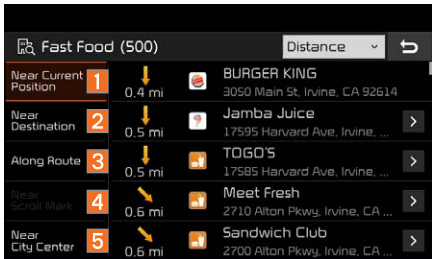
Press the History button to check the previous search result.



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







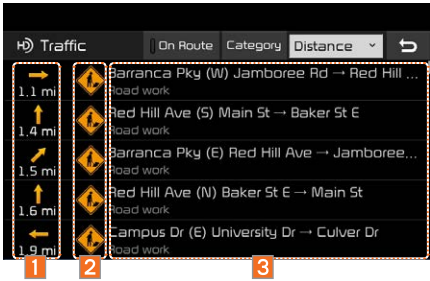
Select the desired POI to check the location and for detailed information.

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

### Traffic

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

### Traffic List



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

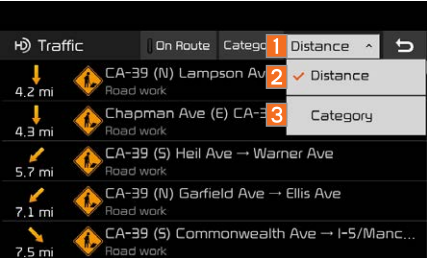
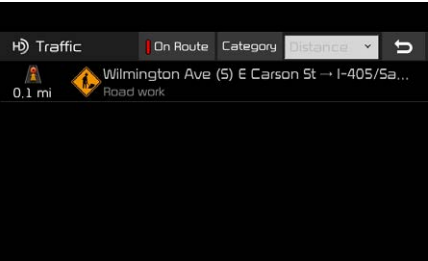
| Name | Description   |
|------|---|
| 1    | Direction from the current location. Distance from the current location (mi or km). |
| 2    | Displays traffic info symbol based on the type of event.                            |
| 3    | Description of traffic event.   |

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



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

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



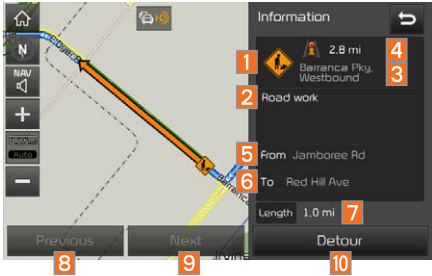
On the traffic list, the current basic traffic/road event information is displayed in order of distance.

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

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

### Traffic detail

Select the **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.

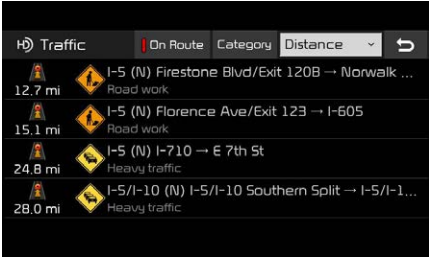
| Name | Description   |
|------|---|
| 1    | Symbol of traffic event.  |
| 2    | Event name of traffic information.  |
| 3    | Road name/road number including direction.  |
| 4    | Direction and distance from the current location.   |
| 5    | Intersection where traffic event starts.  |
| 6    |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

### Traffic detour

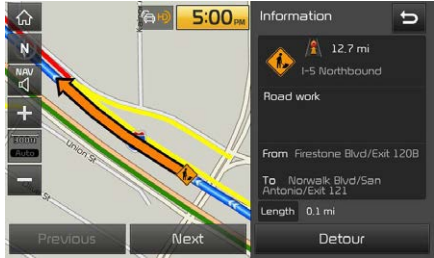
Select the **Menu** button on the bottom left of the screen ► Select the **Traffic** button.

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

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

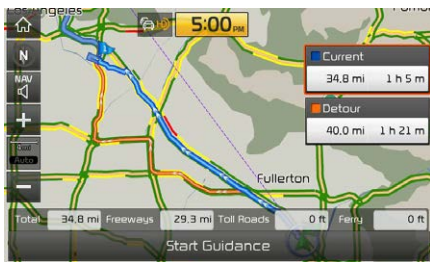


Select the desired section.



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





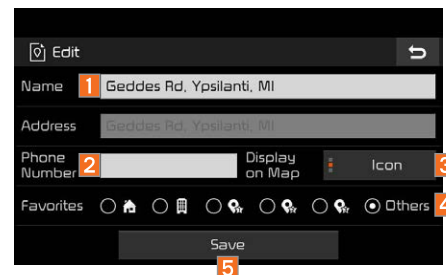
Select the **Start Guidance** button to apply the detoured sections and search other routes.

## Save

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



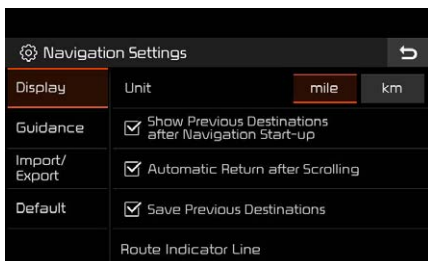
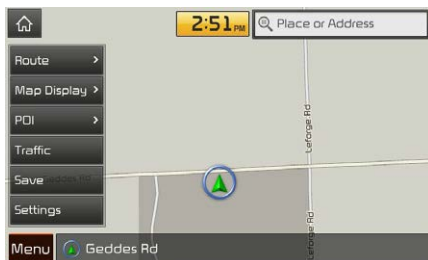
To store the location on the current map to the address book.



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

## Settings

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



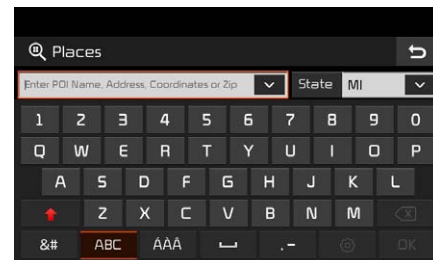
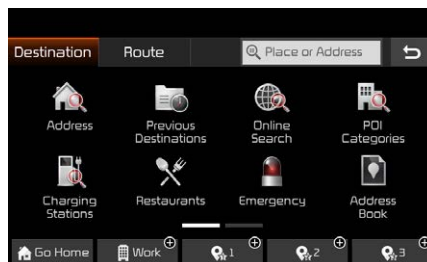
Change navigation settings. For more details, refer to “Navigation Settings” on page 5-30

## Destination Search

### Places

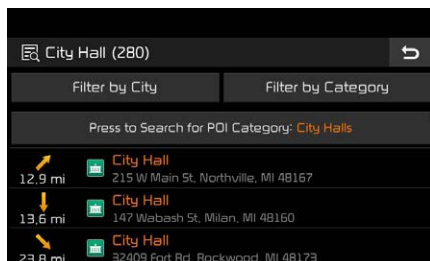
You can enter POI Name, Address or Coordinates that you wish to search by.

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

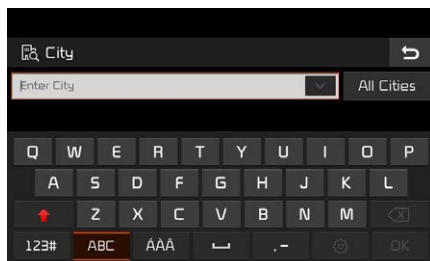


Enter the POI Name, Address and Coordinates of the location you want in the input window above, and press the **OK** button.

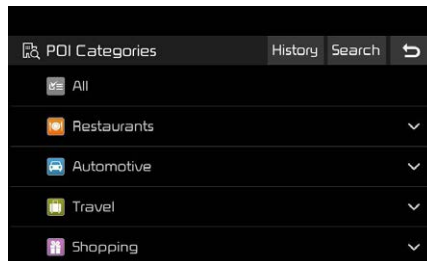




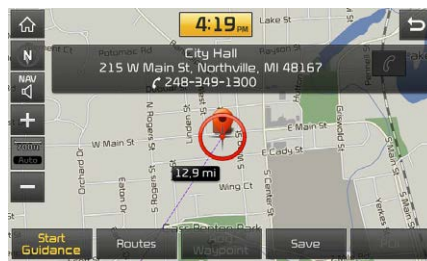
If you select a location from the search result list, it will bring you to the point.



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



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

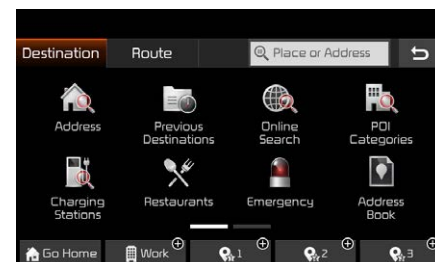


Once the destination has been identified either by POI name, address, or coordinates, the map screen will be displayed. From this screen you can set the destination or add a waypoint, or add the displayed destination to your address book.

## Address

Set destination by address search.

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



### How to Search Address

Address

3

House No.

Enter House No.

City

Enter City

2

4

Street

Enter Street

State

MI

1

1

2

3

4

5

6

7

8

9

ABC

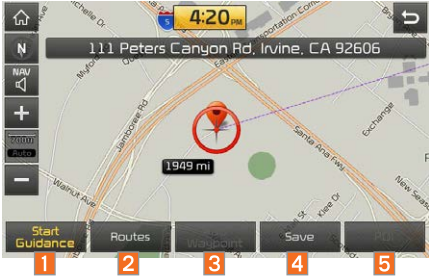
0

-

Skip

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

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



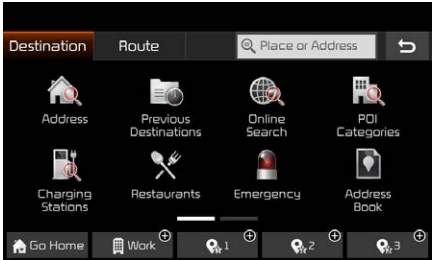
Enter the address to check the location information on the map.

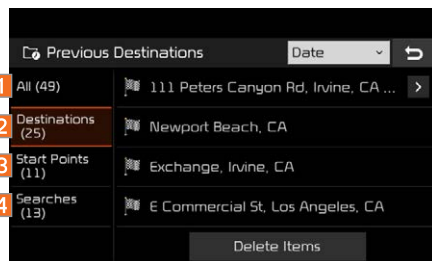
| Name             | Description   |
|------------------|---|
| 1 Start Guidance | Start the preferred navigation route to selected location.  |
| 2 Routes         | Choose the preferred navigation route to selected location. |
| 3 Add Waypoint   | Set the location as a waypoint.                    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

### Previous Destinations

Select from previously inputted addresses and POIs.

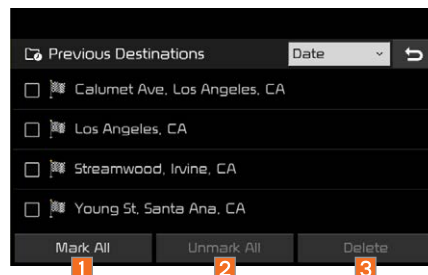
Press the **NAV** head unit key. ▶ Select the **Destination** tab. ▶ Select the **Previous Destinations** icon.





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

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



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

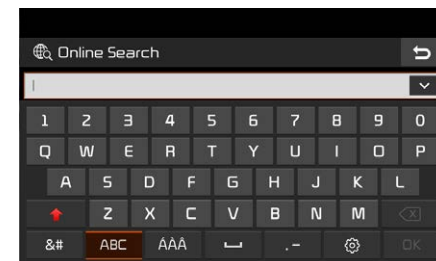
| Name                | Description                  |
|---------------------|------------------------------|
| <b>1</b> Mark All   | Select all.                  |
| <b>2</b> Unmark All | Deselect all.                |
| <b>3</b> Delete     | Delete the selected item(s). |

## Online Search

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

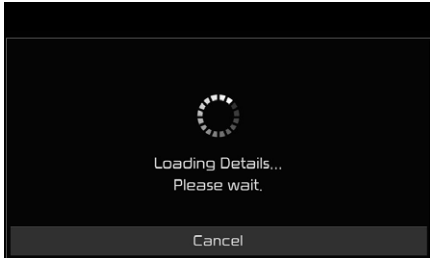


Runs Google Online Search.

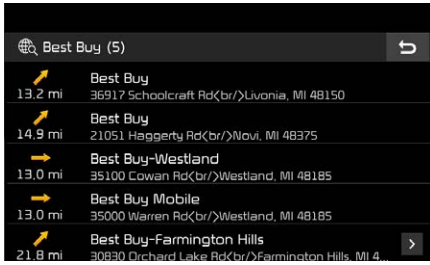


Enter the desired keywords and press the **OK** button.

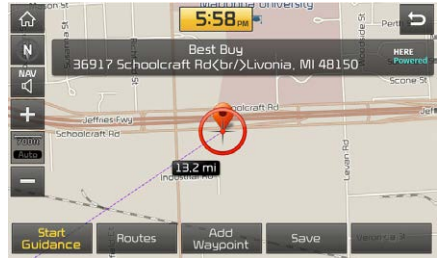




Searching is in progress.



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

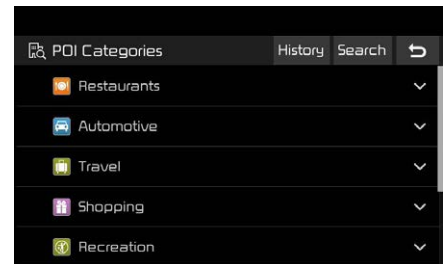
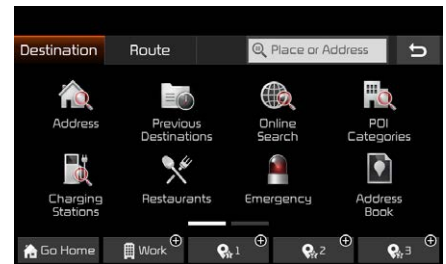


Press the **Start Guidance** button to start guidance.

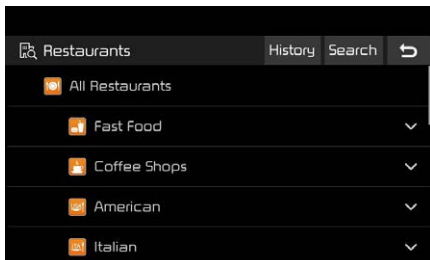
If search or guidance fails, the connection error message is displayed as above. Please try again.

## POI Categories

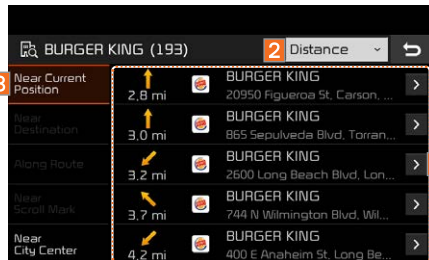
Press the **NAV** head unit key. ▶ Select the **Destination** tab. ▶ Select the **POI Categories** icon.



Select the desired item.



Select the desired item in the sub-categories.

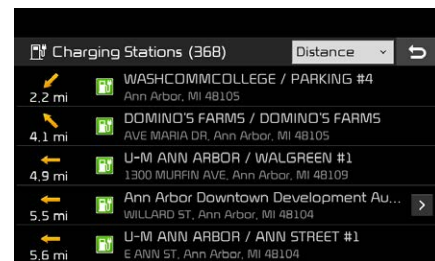
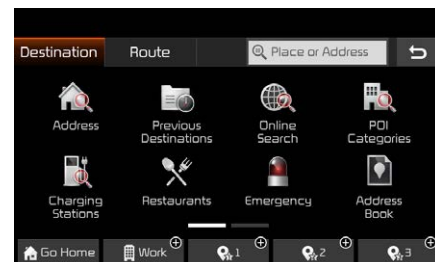


| Name | Description  |
|------|--|
| 1    | Select the desired destination among the searched items and add it as a way point.                               |
| 2    | Arrange in order of Distance and Name.   |
| 3    | Arrange in order of Near Current Position, Near Destination, Along Route, Near Scroll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

## Charging Stations

Search for Charging Stations.

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

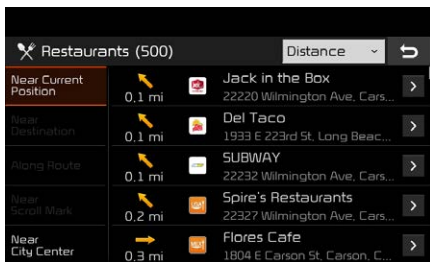
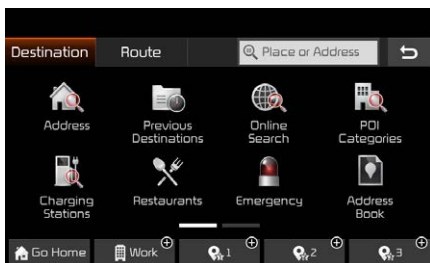


Select the desired destinations among the search items.

## Restaurants

Search restaurants.

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

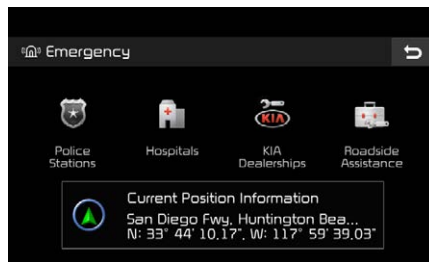


Select the desired destination among the searched items.

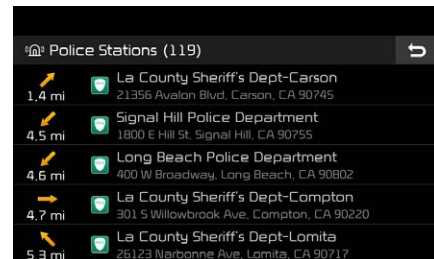
## Emergency

Search emergency facilities.

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



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

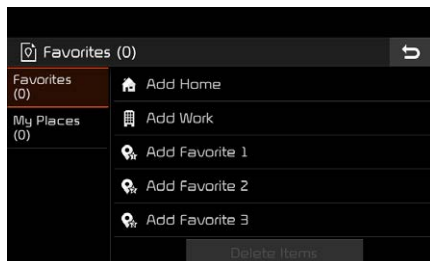
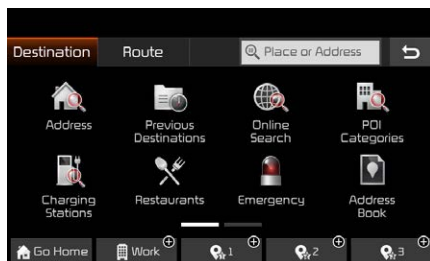


Select the desired destination among the searched items.

## Address Book

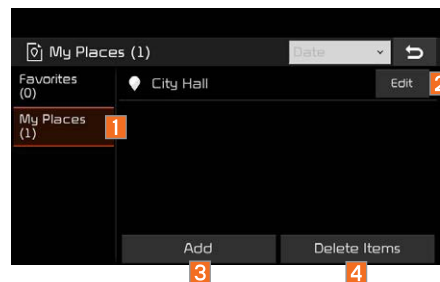
Search the destination with the address book.

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



Select the desired group.

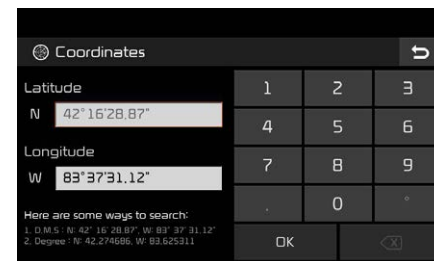
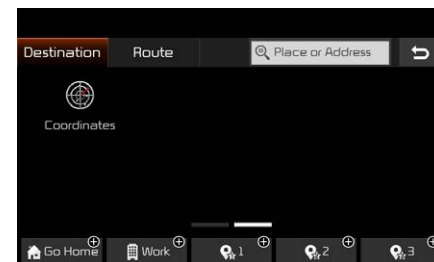
If you save address in the Favorites tab, you can set destinations easily by pressing the icons such as **Go Home** and **Work** at the bottom of the Destination menu.



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

## Coordinates

Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select the **Coordinates** to search by coordinates.



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

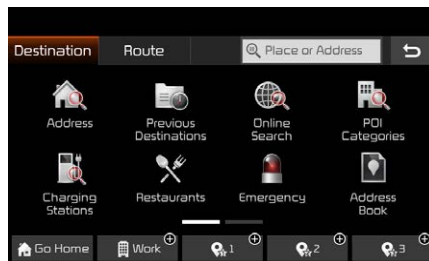


Press the **Start Guidance** button to start guidance.

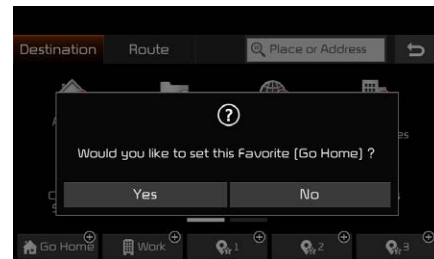
## Favorite Places

Set the route using your favorite places.

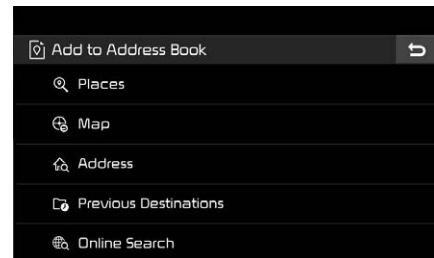
Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select from favorite places.



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



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



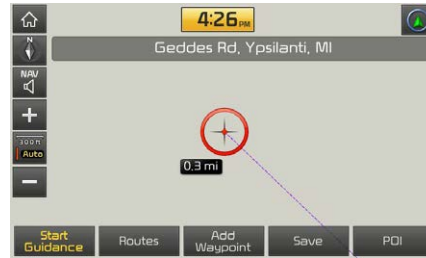
Work, Special 1, Special 2, and Special 3 can also be set as a Favorite using the same steps.



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

## Route Setting

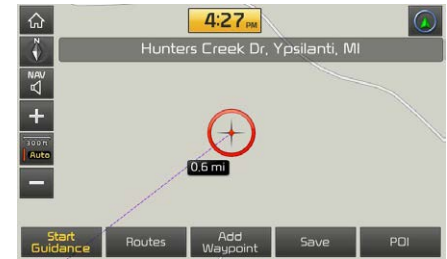
The route can be set after searching for a destination.



While the destination is set, the buttons **Start Guidance**, **Routes**, and **Add Waypoint** appear.

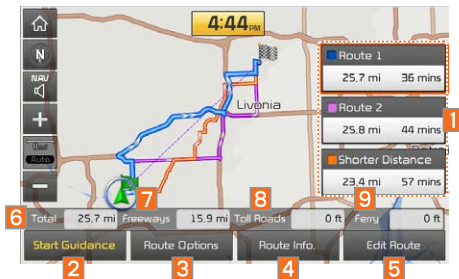
Press the desired button to change a destination or add a waypoint.

## Destination Setting



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

### All Routes

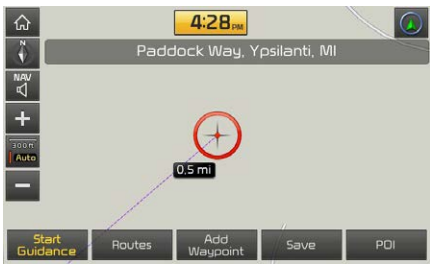


Three routing options are displayed based on real time traffic information and traffic pattern information and shorter distance.

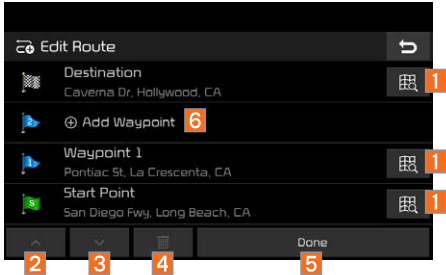
- Route 1: Select the best route based on combine real-time traffic information and traffic pattern data on the map.
- Route 2: Select the best route based on real-time traffic information.
- Shorter Distance: Select short distance, regardless of how fast or slow progress will be calculated.

| Name   | Description  |
|--|--|
| <b>1</b> Route 1<br>25.7 mi 36 mins<br>Route 2<br>25.8 mi 44 mins<br>Shorter Distance<br>23.4 mi 57 mins | Display total distance, travel time. Select the desired route. |
| <b>2</b> Start Guidance  | Start the guidance with the route.                             |
| <b>3</b> Route Options   | Change the route option.                                       |
| <b>4</b> Route Info.   | You can check route information.                               |
| <b>5</b> Edit Route  | Edit the route.  |
| <b>6</b> Total   | Display total distance of the route.                           |
| <b>7</b> Freeways  | Display length of free-way on the route.                       |
| <b>8</b> Toll Roads  | Display length of toll road on the route.                      |
| <b>9</b> Ferry   | Display length of Ferry route on the route.                    |

### Adding Waypoint



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



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

### Registering Location



Press at the desired location to register the location.

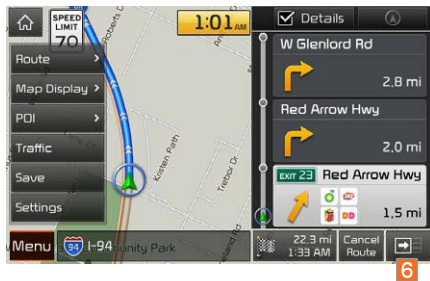
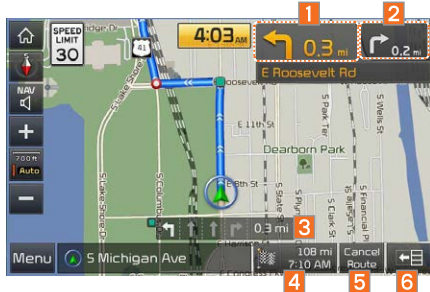


Enter the detailed information of the location to save.



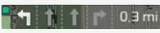
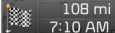


### Route Guidance

Show route guidance detailed information.

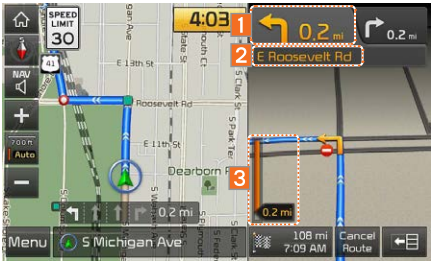
### Route Guidance Screen




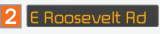



| Name  | Description   |
|---|---|
| 1  | Displays the distance and direction to the first turn point.  |
| 2  | Displays the distance and direction to the second turn point.   |
| 3  | Displays the lane information at the current location. Display the recommended direction in white, travelable direction in white, and the non-travelable direction in grey.   |
| 4  | Displays the distance to the destination and the estimated time of arrival. Press the button to check the detailed information. If no waypoint is set, you will see the remaining distance or estimated time of arrival in turn each time you click the button. |
| 5  | Cancel the route.   |
| 6  | Displays the Turn List.<br>Closes the Turn List.  |

### Split Screen during Route Guidance



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

| Name  | Description  |
|---|--|
| 1  | <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.   |

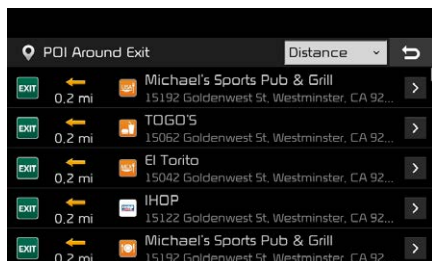


☐ Details additional info can be displayed on Freeway.



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

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

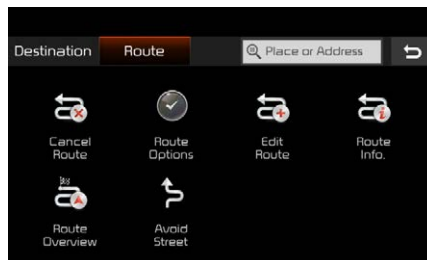


## Route Search

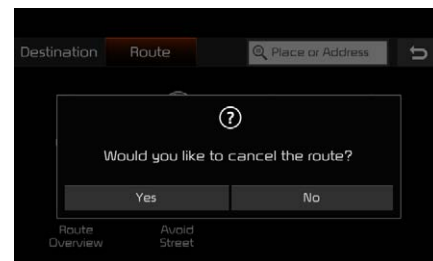
### Canceling Route

Cancel the route.

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



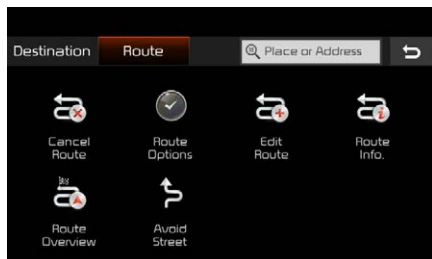
Press the **Cancel Route** icon.



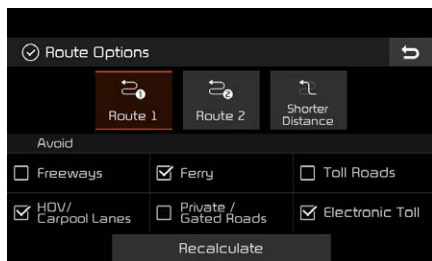
Press the **Yes** button to cancel the route.

## Route Options

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



Press the **Route Options** icon.

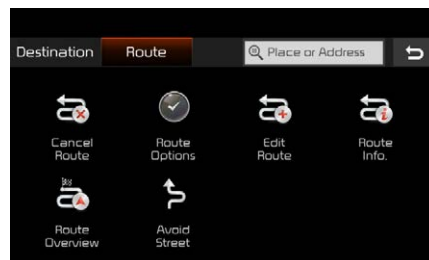


Determine the route options to guide the route.

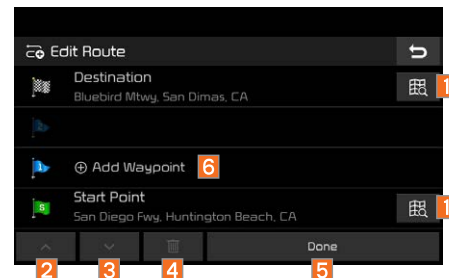
## Editing Route

Edit the current route.

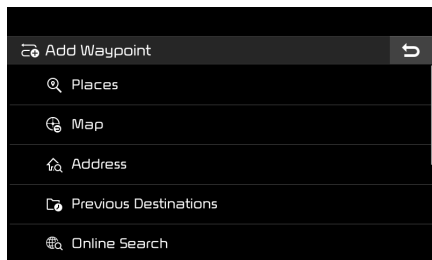
Press the **NAV** head unit key. ► Select the **Route** tab. ► Select **Edit Route**.



Press the **Edit Route** icon.



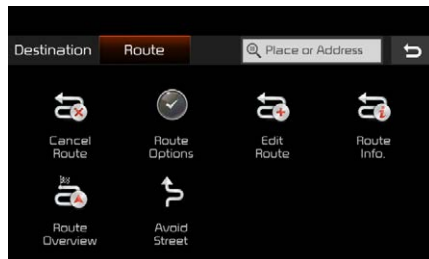
| Name                  | Description                                   |
|-----------------------|---|
| 1                     | Display the selected point on the map screen. |
| 2                     | Move the selected item up.                    |
| 3                     | Move the selected item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



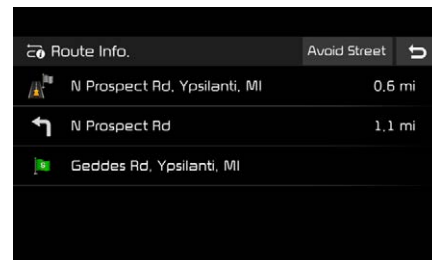
Add the waypoint through various search-  
ing methods.

## Display Route Information

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



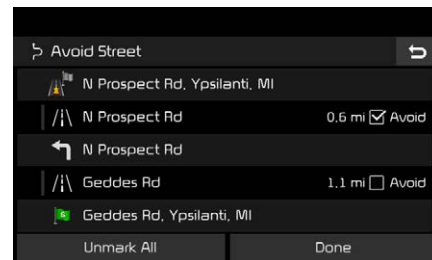
Press the **Route Info.** icon.



Check the information on the map. Select  
the desired item to see the map informa-  
tion.

## Avoiding a road

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

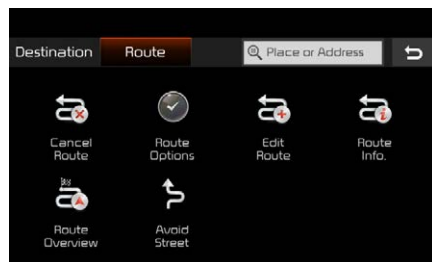


Check the desired item and press the  
**Done** button to finish.

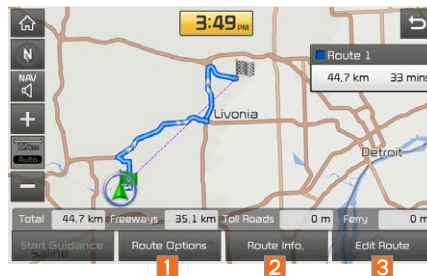
## Route Overview

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

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



Press the **Route Overview** icon.

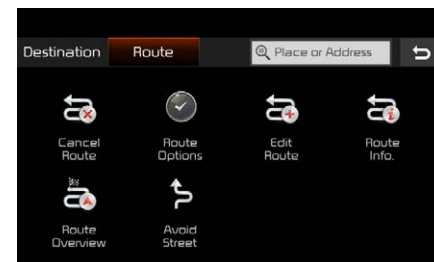


| Name            | Description                      |
|-----------------|----------------------------------|
| 1 Route Options | Change the search option.        |
| 2 Route Info.   | You can check route information. |
| 3 Edit Route    | Edit the current route.          |

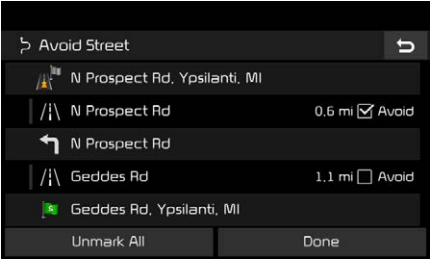
## Avoid Street

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

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



Press the **Avoid Street** icon.

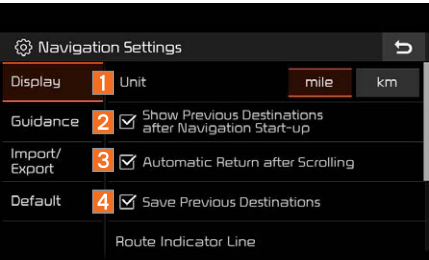


Press the **Done** to plan new route after selecting the street(s) that you want to avoid.

# Navigation Settings

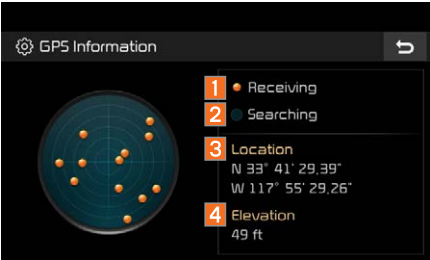
## Display

Change general settings.



| Name | Description   |
|------|---|
| 1    | Change the unit of <b>mile</b> , <b>km</b> .  |
| 2    | Press the <input checked="" type="checkbox"/> button to change the previous destination view setting when starting the navigation.                              |
| 3    | When <input checked="" type="checkbox"/> button selected, navigation will automatically return to current vehicle position after scrolling through map display. |
| 4    | Select the <input checked="" type="checkbox"/> button to save the previous destination.   |
| 5    | Change the route guidance line colors.  |
| 6    | Select the <input checked="" type="checkbox"/> button to display traffic information on the map.  |
| 7    | Check the GPS information.  |

GPS Information

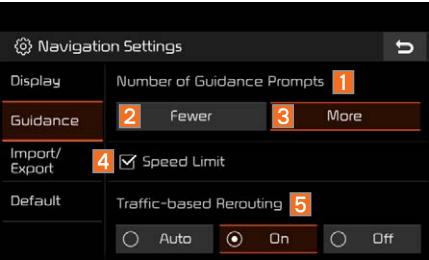


Press the **GPS Information** to display the detail GPS satellites information.

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

Guidance

Change the guidance setting.



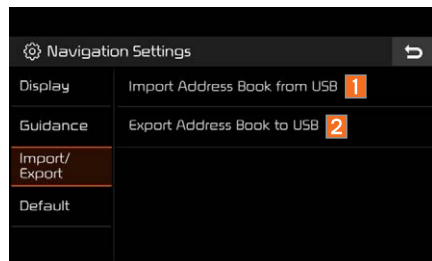
| Name | Description   |
|------|---|
| 1    | Set the frequency of guidance.  |
| 2    | Route guidance is given less frequently.  |
| 3    | Guidance will be provided frequently.   |
| 4    | Change whether to show speed limit by pressing <input checked="" type="checkbox"/> .  |
| 5    | Searching faster routes internally using traffic information. <ul style="list-style-type: none"><li>• Auto: When set to Auto, during route guidance, faster route is automatically changed to avoid traffic incident.</li><li>• On: If set to On, faster route pop-up option appears during route guidance.</li><li>• Off: If set to Off, no faster routes are suggested to avoid traffic incident during route guidance.</li></ul> |

## Import/Export

In navigation setting screen, press

Import/  
Export

Press the desired category.



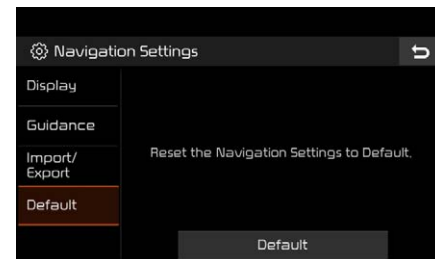
| Name | Description   |
|------|---|
| 1    | The latest data of Navigation Address Book which have been exported to a USB device will be imported to your navigation device. |
| 2    | Export the Navigation Address Book on your navigation device to a USB device.   |

### WARNING

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

## Default

Reset the Navigation Settings to factory default.





# Troubleshooting

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

| The following occurrences are not malfunctions :  |  |
|---|--|
| <ul style="list-style-type: none"><li>• When driving on Y-shaped roads with narrow angles the current position may be displayed in the opposite direction</li><li>• Within city streets, the current position may be displayed on the opposite side or on an off-road position</li><li>• When changing the zoom level from maximum to a different level, the current position may become displayed on a different road</li><li>• 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</li><li>• When driving on a spiral-shaped road</li><li>• When driving in mountain regions with sharp turns or sudden brakes</li><li>• When entering a road after passing an underground parking structure, building parking structure, or roads with many rotations</li><li>• When driving in heavy traffic with frequent starts and stops</li></ul> | <ul style="list-style-type: none"><li>• When driving under slippery conditions, such as heavy sand, snow, etc.</li><li>• When driving on spiral-shaped roads</li><li>• When the tires have recently been replaced (Especially upon use of spare or studless tires).</li><li>• When using tires of improper size</li><li>• When the tire pressure for the 4 tires are different</li><li>• When the replacement tire is worn or used (Especially studless tires having passed a second season).</li><li>• When driving near high-rise buildings</li><li>• When a roof carrier has been installed</li><li>• 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)</li></ul> |

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

| The following occurrences are not malfunctions :   |  |
|--|--|
| <ul style="list-style-type: none"><li>• Guidance to go straight may be given while driving on a straight road</li><li>• Guidance may not be given even when having turned at an intersection</li><li>• There are certain intersections in which guidance may not occur</li><li>• A route guidance signaling for a u-turn may occur in some No u-turn intersections</li></ul> | <ul style="list-style-type: none"><li>• Route guidance signaling entrance into a No-entry zone may occur (No-entry zone, road under construction, etc.)</li><li>• 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</li><li>• 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.)</li></ul> |

These situations may occur after conducting route calculation.

| The following occurrences are not malfunctions :  |   |
|---|---|
| <ul style="list-style-type: none"><li>• Guidance may be given to a position differing from the current position when turning at an intersection</li><li>• When driving in high speeds, route recalculation may take a longer period of time</li><li>• Route guidance signaling for a u-turn may occur in some No u-turn intersections</li></ul> | <ul style="list-style-type: none"><li>• Route guidance signaling entrance into No-entry zone may occur. (No-entry zone, road under construction, etc.)</li><li>• 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</li><li>• 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.)</li></ul> |

## **END USER LICENSE AGREEMENT**

**PLEASE READ THIS END USER LICENSE AGREEMENT ("EULA") CAREFULLY BEFORE USING THE NAVIGATION SYSTEM.**

This is a license agreement between you and Hyundai MnSoft, INC. including its affiliates ("COMPANY") regarding a copy of the COMPANY navigable map database together with associated software, media and explanatory printed documentation published by COMPANY (jointly the "Product"). The Product is provided for your personal, internal use only and not for resale. It is protected by copyright and is subject to the following terms which are agreed to by you, on the one hand, and COMPANY and its licensors (and their licensors and suppliers) (collectively, "Licensors") on the other hand.

By using the Product, you accept and agree to all terms and conditions in this End User License Agreement ("EULA"). IF YOU DO NOT AGREE TO THE TERMS OF THIS EULA, YOU MUST PROMPTLY EXIT THE PRODUCT OPERATION PROGRAM AND DO NOT USE OR ACCESS TO THE PRODUCT. YOU AGREE THAT YOUR RIGHTS UNDER THIS EULA MAY BE TERMINATED AUTOMATICALLY WITHOUT NOTICE IF YOU FAIL TO COMPLY WITH ANY TERM(S) OF THIS EULA.

## Terms and Conditions

Personal Use Only. You agree to use this Product together with COMPANY's authorized application for the solely personal, non-commercial purposes for which you were licensed, and not for service bureau, time-sharing or other similar purposes. Accordingly, but subject to the restrictions set forth in the following paragraphs, you agree not to otherwise reproduce, copy, modify, decompile, disassemble, create any derivative works of, or reverse engineer any portion of this Data, and may not transfer or distribute it in any form, for any purpose, except to the extent permitted by mandatory laws. You may not assign this EULA or any of the rights or licenses granted under this EULA, except when installed in the system for which it was created.

Restrictions. Except where you have been specifically licensed to do so by COMPANY, and without limiting the preceding paragraph, you may not use the Product (i) with any products, systems, or applications installed or otherwise connected to or in communication with vehicles, capable of vehicle navigation, positioning, dispatch, real time route guidance, fleet management or similar applications; or (ii) with or in communication with any positioning devices or any mobile or wireless-connected electronic or computer devices, including without limitation cellular phones, palmtop and handheld computers, pagers, and personal digital assistants or PDAs.

**COPYING OR USE OF THE PRODUCT EXCEPT AS PERMITTED BY THIS EULA IS UNAUTHORIZED AND IS COPYRIGHT INFRINGEMENT UNDER THE LAWS OF YOUR COUNTRY. IF YOU COPY OR USE THE PRODUCT WITHOUT COMPANY'S PERMISSION, EXCEPT AS PERMITTED BY THIS EULA, YOU ARE VIOLATING THE LAW AND LIABLE TO COMPANY AND ITS LICENSORS FOR DAMAGES, AND YOU MAY BE SUBJECT TO CRIMINAL PENALTIES.**

THE PRODUCT MAY INCLUDE ENFORCEMENT TECHNOLOGY DESIGNED TO PREVENT (i) UNAUTHORIZED COPYING OF THE PRODUCT ONTO PHYSICAL STORAGE MEDIA OR VIA TRANSFER OVER THE INTERNET OR OTHER ELECTRONIC COMMUNICATION MEANS AND/OR (ii) ILLEGAL USAGE OF THE PRODUCT OTHER THAN BY A SPECIFICALLY AHTORIZED DEVICE. YOU AGREE THAT COMPANY MAY USE THESE MEASURES TO PROTECT COMPANY AND THE LICENSORS AGAINST COPYRIGHT INFRINGEMENT.

Uploads. The Product may provide functionality through which you are able to upload certain information about your use of the Product (collectively, "Uploads") to COMPANY's servers or receive other services from COMPANY (collectively, the "Services"). If you use such functionality, you authorize COMPANY to retain your Uploads on its servers. COMPANY will have no obligation to provide any Services, may change the form and nature of any Services at any time with or without notice to you, will have no liability whatsoever to you for any failure of the Product or Services to transmit your Uploads to or from COMPANY's servers, may cease providing any Services at any time with or without notice to you, and will have no obligation to retain your Uploads (or any other materials you may provide to COMPANY) on its servers or return your Uploads (or any other materials you may provide to COMPANY) to you before deleting them from its servers.

Storage. The Product may provide functionality through which you are able to store information (such as images) on the device on which you are using the Product. COMPANY will have no liability whatsoever to you or any third party for any failure of the Product to store any such information on such device.

Personal Information. By using the Product, you agree to the collection, retention and processing of your personal data (including the location of your mobile device) by COMPANY and to the storage and processing of such personal information on computers located outside of the country in which you reside. Even though COMPANY has taken steps intended to protect your personal information from being intercepted, accessed, used, or disclosed by unauthorized persons, COMPANY cannot fully eliminate security risks associated with your personal information and cannot guarantee that its systems will not be breached. See [\*] for additional information regarding COMPANY's use of your personal information.

**WARNING. THE PRODUCT REFLECTS REALITY AS EXISTING BEFORE YOU RECEIVED THE PRODUCT AND IT COMPRISES DATA AND INFORMATION FROM GOVERNMENT OTHER SOURCES. ACCORDINGLY, THE PRODUCT MAY CONTAIN INACCURATE OR INCOMPLETE INFORMATION DUE TO THE PASSAGE OF TIME, CHANGING CIRCUMSTANCES, SOURCES USED AND THE NATURE OF COLLECTING COMPREHENSIVE GEOGRAPHIC PRODUCT, ANY OF WHICH MAY LEAD TO INCORRECT RESULTS. THE PRODUCT AND SERVICES MAY NOT TO BE USED FOR SAFETY OF LIFE APPLICATIONS, OR FOR ANY OTHER APPLICATION IN WHICH THE ACCURACY OR RELIABILITY OF THE PRODUCT OR SERVICES COULD CREATE A SITUATION WHERE PERSONAL INJURY OR DEATH MAY OCCUR. DO NOT ATTEMPT TO CONFIGURE THE PRODUCT OR INPUT INFORMATION WHILE DRIVING. FAILURE TO PAY FULL ATTENTION TO THE OPERATION OF YOUR VEHICLE COULD RESULT IN DEATH, SERIOUS INJURY, OR PROPERTY DAMAGE. BY USING THE PRODUCT, YOU ASSUME ALL RESPONSIBILITY AND RISK.**

Disclaimer of Warranty. The Product is provided to you “as is,” and you agree to use it at your own risk. SUBJECT TO THE APPLICABLE LAWS, COMPANY AND THE LICENSORS MAKE NO GUARANTEES, REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, INCLUDING BUT NOT LIMITED TO, CONTENT, QUALITY, ACCURACY, COMPLETENESS, EFFECTIVENESS, RELIABILITY, PERFORMANCE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, USEFULNESS, USE OR RESULTS TO BE OBTAINED FROM THE PRODUCT, OR THAT THE PRODUCT OR SERVER WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT ERRORS IN THE PRODUCT OR NONCONFORMITY TO ITS DOCUMENTATION CAN OR WILL BE CORRECTED. YOU ACKNOWLEDGE THAT THE PROVISIONS OF THIS SECTION ARE A MATERIAL INDUCEMENT AND CONSIDERATION TO COMPANY AND THE LICENSORS TO GRANT THE LICENSE CONTAINED IN THIS EULA AND TO PROVIDE YOU WITH ACCESS TO THE SERVICES.

Limitation of Liability: TO THE MAXIMUM EXTENT PERMITTED UNDER THE APPLICABLE LAWS, COMPANY AND THE LICENSORS SHALL NOT BE LIABLE TO YOU: IN RESPECT OF ANY CLAIM, DEMAND OR ACTION, IRRESPECTIVE OF THE NATURE OF THE CAUSE OF THE CLAIM, DEMAND OR ACTION ALLEGING ANY LOSS, INJURY OR DAMAGES, DIRECT OR INDIRECT, INCURRED BY YOU OR ANY THIRD PARTY WHICH MAY ARISE IN CONNECTION WITH OR RESULT FROM THE USE OR POSSESSION OF THE PRODUCT; OR FOR ANY LOSS OF DATA, PROFIT, REVENUE, CONTRACTS OR SAVINGS, OR OTHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF YOUR USE OF OR INABILITY TO USE THE PRODUCT, ANY DEFECT IN THE PRODUCT, OR THE BREACH OF THESE TERMS OR CONDITIONS, WHETHER IN AN ACTION IN CONTRACT OR TORT OR BASED ON A WARRANTY, EVEN IF COMPANY OR THE LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING THE FAILURE OF ANY LIMITED REMEDY PROVIDED HEREIN.

Exclusions. Some jurisdictions do not allow certain warranty exclusions or the limitation or exclusion of liability, so to that extent the above exclusion may not apply to you. To the extent that COMPANY may not, as a matter of applicable law, disclaim any implied warranty or limit its liabilities, the scope and duration of such warranty and the extent of COMPANY's liability shall be the minimum permitted under such applicable law. The disclaimer of warranty and limitation of liability set forth in this EULA does not affect or prejudice your statutory rights where you have acquired the Product otherwise than in the course of business.

Third-Party Copyright Notices. The third-party sourced data has been incorporated into or made a part of the Product and is being sub-licensed to you subject to the terms and conditions of this EULA. In this regard, you shall not remove or tamper with any intellectual property rights notice attached or used in relation to data supplied by the Licensors.

Entire Agreement. This EULA is the entire agreement between COMPANY (and the Licensors) and you pertaining to the subject matter hereof, and supersedes in their entirety any and all previous written or oral communications or documents (including, if you are obtaining an update, any agreement that may have been included with an earlier version of the Product) with respect to such subject matter.

Governing Law. This EULA shall be governed by the laws of the jurisdiction in which you reside at the date of acquisition of the Product. Should you at that moment reside outside the European Union or Switzerland, the law of the jurisdiction within the European Union or Switzerland where you acquired the Product shall apply. In all other cases, or if the jurisdiction where you acquired the Product cannot be defined, the laws of the Republic of Korea shall apply. This EULA will not be governed by the U.N. Convention on Contracts for the International Sale of Goods. The courts competent at your place of residence at the time you acquired the Product shall have jurisdiction over any dispute arising out of, or relating to this EULA, without prejudice to COMPANY's right to bring claims at your then current place of residence.

Export Control. You agree not to export or re-export from anywhere any part of the Product in any form except in compliance with applicable export laws, rules and regulations, including but not limited to the laws, rules and regulations administered by the Office of Foreign Assets Control of the U.S. Department of Commerce and the Bureau of Industry and Security of the U.S. Department of Commerce.

Miscellaneous. If any provision of this EULA is found to be invalid or unenforceable, it will be enforced to the extent permissible and the remainder of this EULA will remain in full force and effect. Failure by COMPANY to prosecute any right with respect to a default hereunder will not constitute a waiver by COMPANY of the right to enforce rights with respect to the same or any other breach. No refunds or replacements will be permitted on damaged Product.

U.S. Government End Users. If the Product is being acquired by or on behalf of the United States Government or any other entity seeking or applying rights similar to those customarily claimed by the United States Government, this Product and related documentation are “Commercial Items” as that term is defined at 48 C.F.R. (“FAR”) 2.101. This Product and related documentation are licensed to the United States Government end users (a) only as “Commercial Items” and (b) with only those rights as are granted to all other end users in accordance with this EULA, and each copy of Product delivered or otherwise furnished shall be marked and embedded as appropriate with the following “Notice of Use,” and shall be treated in accordance with such Notice:

**NOTICE OF USE**

CONTRACTOR (MANUFACTURER/ SUPPLIER) NAME: Hyundai MnSoft, Inc.

CONTRACTOR (MANUFACTURER/SUPPLIER) ADDRESS: 74 Wonhyo-ro, Yongsan-gu,  
Seoul 140-711, Republic of Korea

This Product and related documentation are commercial items as defined in FAR 2.101 and is  
subject to this EULA under which this Product is provided.

© 2013 Hyundai MnSoft. All rights reserved.

If the Contracting Officer, federal government agency, or any federal official refuses to use the legend provided herein, the Contracting Officer, federal government agency, or any federal official must notify COMPANY prior to seeking additional or alternative rights in the Product.



End-User Terms Required by HERE. The Product utilizes map data that COMPANY licenses from HERE and the following copyright notices apply to such map data (the “HERE Data”): © 2013 HERE. All rights reserved.

The HERE Data for areas of Canada includes information taken with permission from Canadian authorities, including: © Her Majesty the Queen in Right of Canada, © Queen’s Printer for Ontario, © Canada Post Corporation, GeoBase®, © Department of Natural Resources Canada. All rights reserved.

HERE holds a non-exclusive license from the United States Postal Service® to publish and sell ZIP+4® information.

©United States Postal Service® 2010. Prices are not established, controlled or approved by the United States Postal Service®. The following trademarks and registrations are owned by the USPS: United States Postal Service, USPS, and ZIP+4.

The HERE Data for Mexico includes certain data from Instituto Nacional de Estadística y Geografía.

Austria: © Bundesamt für Eich- und Vermessungswesen

Croatia, Cyprus, Estonia, Latvia, Lithuania, Moldova, Poland, Slovenia and/or Ukraine: © EuroGeographics

France: source: © IGN 2009 – BD TOPO®

Germany: Die Grundlagendaten wurden mit Genehmigung der zustandigen Behorden entnommen

Great Britain: Contains Ordinance Survey data © Crown copyright and database right 2010, and Royal Mail data © Royal Mail copyright and database right 2010.

Greece: Copyright Geomatics Ltd.

Italy: La Banca Dati Italiana è stata prodotta usando quale riferimento anche cartografia numerica ed al tratto prodotta e fornita dalla Regione Toscana.

Norway: Copyright © 2000; Norwegian Mapping Authority

Portugal: Source: IgeoE – Portugal

Spain: Información geográfica propiedad del CNIG

Sweden: Based upon electronic data Ó National Land Survey Sweden

Switzerland: Topografische Grundlage: Ó Bundesamt für Landestopographie

United Kingdom: Contains public sector information licensed under the Open Government Licence v1.0 (see for the license <http://www.nationalarchives.gov.uk/doc/open-government-licence/>) and is adapted from data from the office for National Statistics licensed under the Open Government Licence v.1.0.

Israel: © Survey of Israel data source

Jordan: © Royal Jordanian Geographic Centre. The foregoing notice requirement for Jordan Data is a material term of the Agreement. If Client or any of its permitted sublicensees (if any) fail to meet such requirement, HERE shall have the right to terminate Client's license with respect to the Jordan Data.

Mozambique: Certain Data for Mozambique provided by Cenacarta © 20XX by Cenacarta

Réunion: source: © IGN 2009 - BD TOPO ®

End-User Terms Required by ZENRIN. The Product utilizes map data that COMPANY licenses from ZENRIN and the following copyright notices apply to such map data (the "ZENRIN Data"):

Europe: Junction View Data provided by ZENRIN CO., LTD. Copyright © 20XX, All Rights Reserved.

Europe: Junction View Data and Exit View Data provided by ZENRIN CO., LTD. Copyright © 20XX, All Rights Reserved.

North America: Junction View Data provided by ZENRIN USA, INC. Copyright © 20XX, All Rights Reserved; Junction View Data fourni par ZENRIN USA, INC. Copyright © 20XX. Tous droits réservés; Las imágenes de las rutas alternas son proveídas por ZENRIN USA, INC. Copyright © 20XX. Todos los derechos reservados.

### **Copyright for Brand Icon**

The marks of companies displayed by this product to indicate business locations are the marks of their respective owners. The use of such marks in this product does not imply any sponsorship, approval, or endorsement by such companies of this product.

### **Copyright for Junction View**

Junction View Data provided by ZENRIN USA, INC. Copyright(C) 20XX, All rights Reserved.

### **About Map Updates**

#### **Map Updates**

- To update your map, contact your Kia dealer or visit [www.kia-gpsmap.us](http://www.kia-gpsmap.us)

### **Information**

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

### **CAUTION**

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

MEMO

# part.7 Voice Recognition

What is Voice Recognition?

Precautions Required for Successful Voice Recognition

Starting/Ending and Setting Voice Recognition

Voice Recognition Screen Overview

Voice Commands

Siri Eyes Free

# Voice Recognition

## What is Voice Recognition?

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

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


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

## Precautions Required for Successful Voice Recognition

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


# Starting/Ending and Setting Voice Recognition

## Starting Voice Recognition

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




## Ending Voice Recognition

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

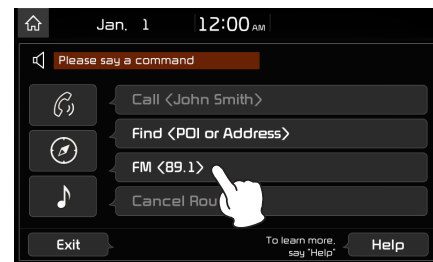


## Combining Voice Recognition with On-Screen Commands


After pressing the  key, say a command after the beep. The voice recognition system will execute the desired operation after understanding the command.

Alternatively, you may touch any of the corresponding Commands on the screen while the Voice Recognition system is in operation.

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



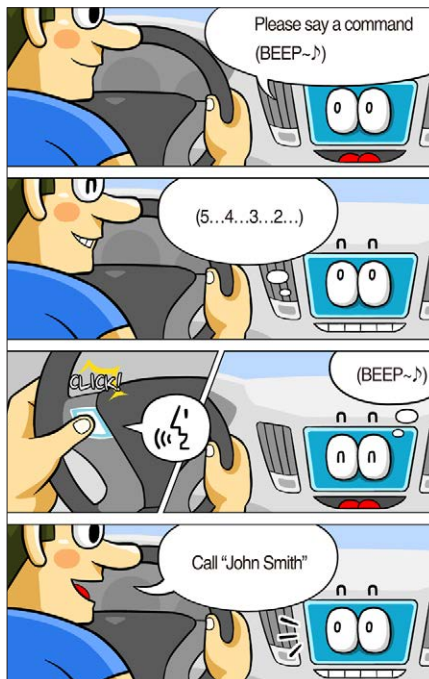
## Extending the Listening Time

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

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

### Information

- Due to the sensitivity of the MIC, if too much time has passed since the MIC has opened and waiting for a command, small noises can sometimes be interpreted as a command.






---

## Skiping Prompt Messages

---

When you hear the prompt message, press the  key on the steering wheel control to skip the message and go directly to listening mode to say your command.

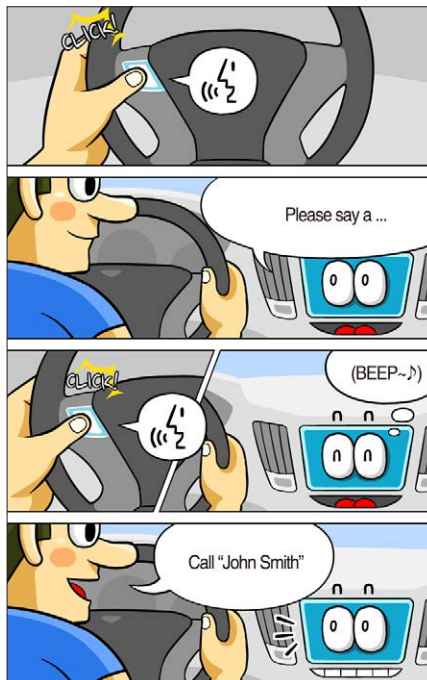
This results in faster operation when you feel the message is too long or you already know the command to use.

---

### Information

---

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



---

## Adjusting Voice Recognition Volume

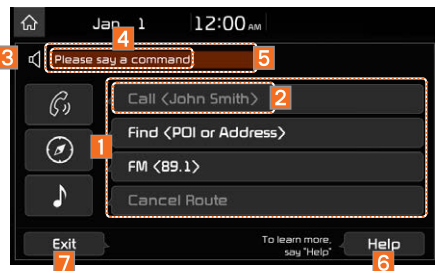
---

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



# Voice Recognition Screen Overview

## Start Screen



| Name                             | Description  |
|----------------------------------|--|
| <b>1</b> Representative Commands | Displays frequently used commands.   |
| <b>2</b> Not available command   | Unavailable voice commands are grey, a precondition was not met so the command is grey and unavailable. The conditions required for using the unavailable commands will be described under each command. |

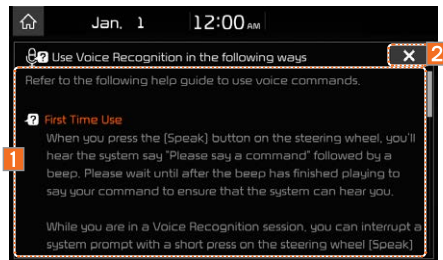
| Name   | Description  |
|--|--|
| <b>3</b> Voice recognition status icons          | <ul style="list-style-type: none"> <li>Standby</li> <li>Voice guidance</li> <li>Voice command process</li> </ul> |
| <b>4</b> Recognized results                      | Displays the voice recognition result.   |
| <b>5</b> User's speaking volume being recognized | Displays the voice command level real time as it is being spoken.  |
| <b>6</b> Help                                    | Displays all available help commands in a tree format.   |
| <b>7</b> Exit                                    | Ends the voice recognition.  |

## Help Display



| Name                                  | Description  |
|---------------------------------------|--|
| <b>1</b> 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> |
| <b>2</b> How to use for selected item | This section shows how to use voice recognition for the selected item.   |
| <b>3</b> How to use in general        | This section displays how to use voice recognition in general.   |

## Instructions for Using Voice Recognition



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

### **i** Information

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