



M7MS6-BD000

# DIGITAL CAR AVN SYSTEM USER'S MANUAL

BD6  
(영어 | 캐나다) 표준5

**FORTE**



The Power to Surprise

Thank you for purchasing this multimedia system.

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

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

## Precaution for safe usage

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

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

- 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.
- 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.



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## 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**

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

### **CAUTION**

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

### **Information**

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

### **NOTICE**

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

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# Using SD Cards

- **Ejecting and Inserting SD Cards**

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

- **Usage of SD Cards**

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

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## iPod®

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iPod® is a registered trademark of Apple Inc.

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

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

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## **HD Radio™ Technology**

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# 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    | POWER/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 for over 0.8 seconds to turn the power off.</li><li>When power is on, press shortly for less than 0.8 seconds to turn Audio off.</li><li>Turn left/right to adjust the volume.</li></ul>                                                                                                                                                                                                                                                                                                                                             |
| 2    | RADIO         | <p>Converts to FM/AM/SiriusXM™ mode</p> <ul style="list-style-type: none"><li>Each time the key is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → FM.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3    | MEDIA         | <p>Moves to MEDIA mode.</p> <ul style="list-style-type: none"><li>If the media is not connected MEDIA mode will not be activated.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4    | ☆             | <ul style="list-style-type: none"><li>Moves to the function set by the user.</li><li>Press and hold to access the settings screen for the custom button.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5    | SEEK<br>TRACK | <p>When the key is pressed shortly (for less than 0.8 seconds),</p> <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> <p>When the key is pressed and held down (for over 0.8 seconds),</p> <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> |



| Name |              | Description                                                                                                                                                                                                                 |
|------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6    | MAP          | Displays the map for the current position.                                                                                                                                                                                  |
| 7    | NAV          | Takes you to the menu screen where you can find your destination and set the route.                                                                                                                                         |
| 8    | SETUP        | Moves to the Setup screen.                                                                                                                                                                                                  |
| 9    | 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> |
| 10   | RESET        | Resets the system settings. (Preset radio channels and other data will not be deleted)                                                                                                                                      |
| 11   | Touch Screen | For more details, see 'TFT-LCD Specification'.                                                                                                                                                                              |
| 12   | SD MAP       | SD Card insert slot.                                                                                                                                                                                                        |

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

## Steering Wheel Controls



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

| Name                                                                                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2  | <ul style="list-style-type: none"> <li>Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → USB or iPod → AUX → Bluetooth Audio → FM.<br/> <i>i</i> 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 (over 0.8 seconds) to turn the Audio system on/off.</li> <li>When power is off, press button to turn power back on.</li> </ul>                                                                                                                |
|    | Use to adjust the volume of audio or call.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3  | <p>Mutes the audio. (Media will be paused in some media modes.)</p> <p>Mutes the microphone during a call.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4  | <p>When the key is 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 mode: changes the track, file or title (except for AUX).</li> </ul> <p>When the key is pressed and held (over 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 mode: quickly looks up songs (except for AUX and Bluetooth Audio).</li> </ul> |



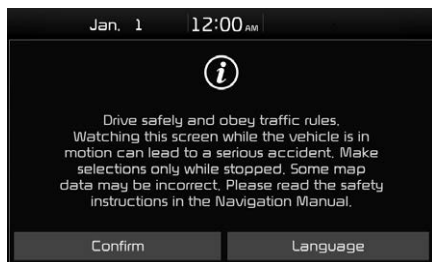
| Name |                                                                                   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5    |  | <p>When the key is pressed quickly (less than 0.8 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 the key is pressed and held (over 0.8 seconds),</p> <ul style="list-style-type: none"> <li>• When pressed in Bluetooth® Hands-free, redials the last dialed call.</li> <li>• When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private).</li> <li>• When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected).</li> </ul> |
| 6    |  | <ul style="list-style-type: none"> <li>• When pressed during a call, ends the phone call.</li> <li>• When pressed in the incoming call screen, rejects the call.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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

## Starting the System for the First Time

### Turning the System On/Off

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



Pressing the power key on the head unit will display the safety guide.

### NOTICE

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

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

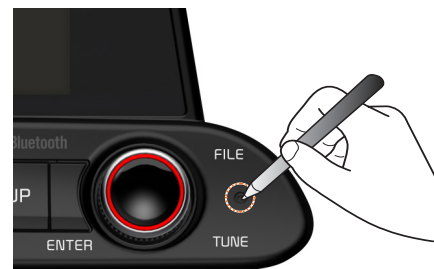
### Information

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

### NOTICE

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

## System Reset



The System Reset function restores the system when it is 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

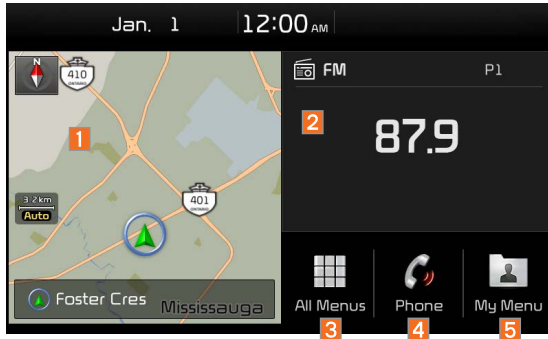
---

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

## 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> All Menus         | Shows all of the items in the system menu.                                                                                                                                               |
| <b>4</b> Phone             | Displays user to phone screen.                                                                                                                                                           |
| <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.                      |
|  | 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

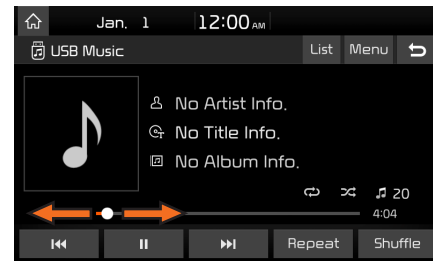
Tap lightly on a menu or an item to select it.

### 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.

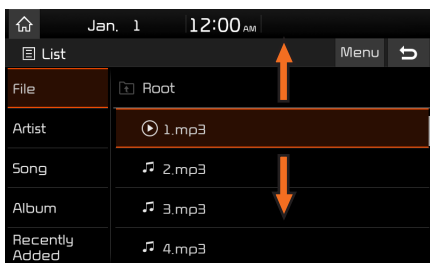
## Drag & Drop

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.

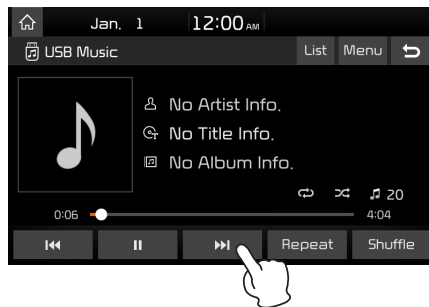


### NOTICE

- 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 Radio/Media

FM/AM

HD Radio™ Technology

SiriusXM™

USB

iPod

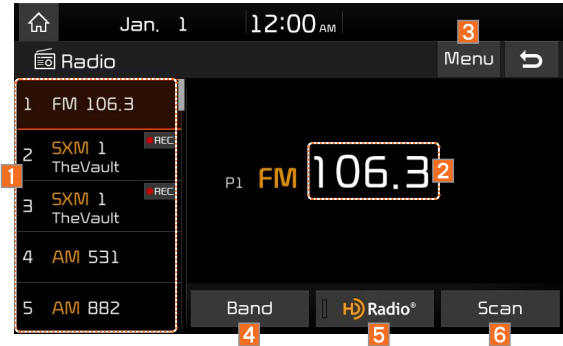
AUX

Bluetooth® Audio

# Radio/Media

## FM/AM

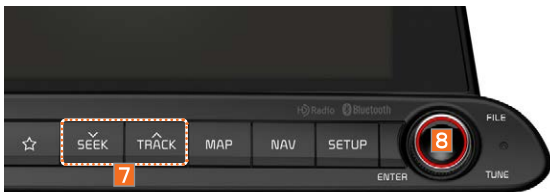
You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu from **All Menus** on the Home screen.



### 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>• Delete Presets: Delete saved radio stations from the preset 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 <b>TUNE</b> 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

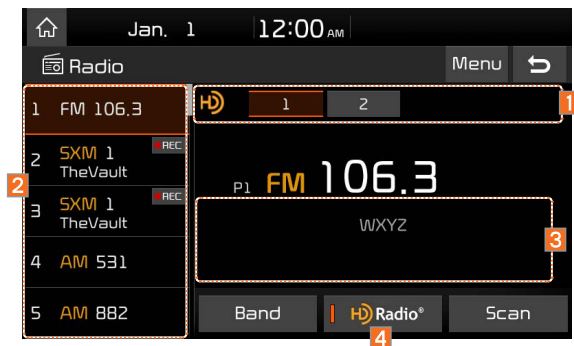
**Traffic** Real-Time Traffic reports, alerts, and flow data displayed on screen via interactive traffic maps and/or data.

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

## **i** Information

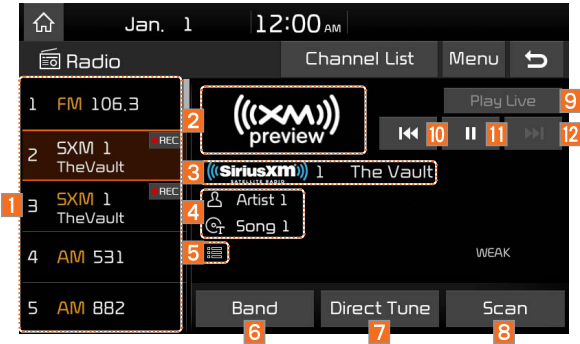
- The HD Radio™ screen is displayed only when a HD Radio™ broadcast is being received.
- HD Radio is only available in Metro areas.

## HD Radio™



| Features                                | Description                                                                                                                                                                                                          |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 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. |
| 2 HD Channel Number                     | Analog station and corresponding HD Radio™ channel number saved in the pre-set list.                                                                                                                                 |
| 3 HD Radio Broadcast Info               | Displays detailed information about the current broadcast (the details of the information shown are different depending on whether the Info button is selected)                                                      |
| 4 HD Radio                              | When the HD Radio soft button is ON (the red indicator on the HD Radio button is illuminated), HD Radio signals will be received.                                                                                    |

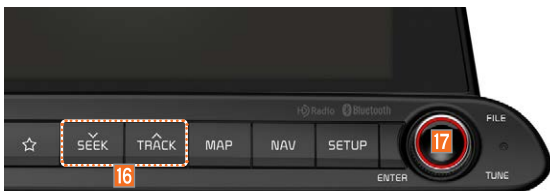
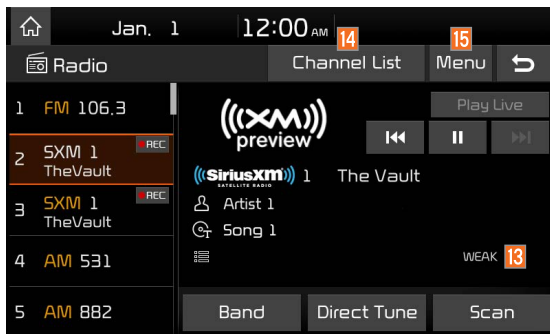
You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from **All Menus** on the Home screen. Select the SiriusXM™ band from the radio player.



**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 over 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     | <p>Repeats the previously broadcasted program.</p> <ul style="list-style-type: none"><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.                                                                                                                                                                                                                                                             |



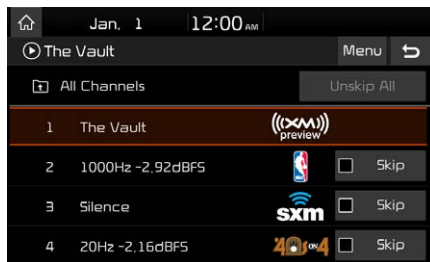
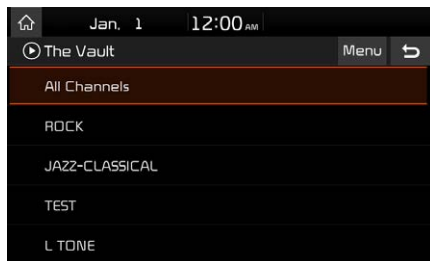
| Features               | Description                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>• Delete Presets: Delete saved radio stations from the preset list.</li> <li>• What is on My Presets? The program schedule saved in my preset. (For more details, see Section 2.9. Viewing Menu.)</li> <li>• Featured Favorites: Theme channels recommended by SiriusXM™. (For more details, see Section 2.10. Viewing Menu.)</li> <li>• Sound Settings: 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

Press 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.

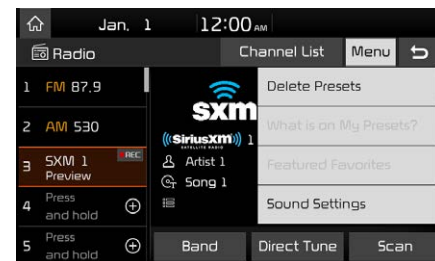
## Direct Tune



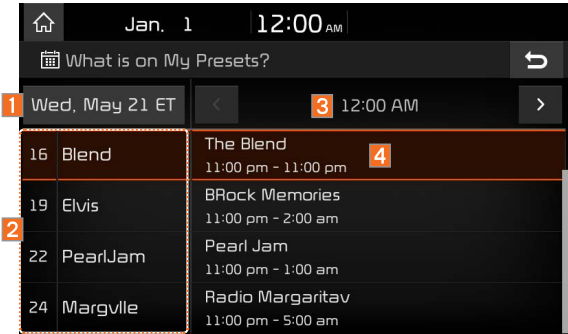
Enter the number of the channel you want to receive.

## Viewing Menu

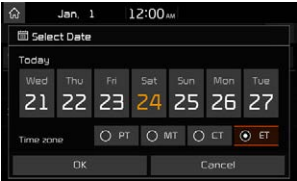
Using the **Menu** button on the right, you can view the program schedule and information about the Featured Favorites provided by SiriusXM™.



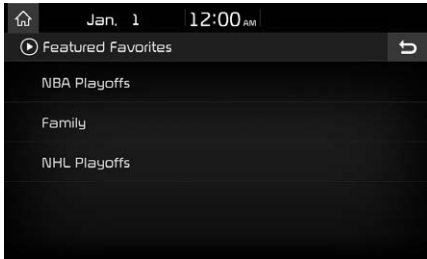
What is on My Presets? (Program Schedule)



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

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### Before Playing a USB MP3

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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.
- Upon playing iPods, please use a dedicated iPod car cable.
- Normal operations cannot be guaranteed when other cables are being used.
- The device will not support files locked by DRM (Digital Rights Management).
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized.
- Only use Plug type connector products, as shown in the figure below.
- 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.

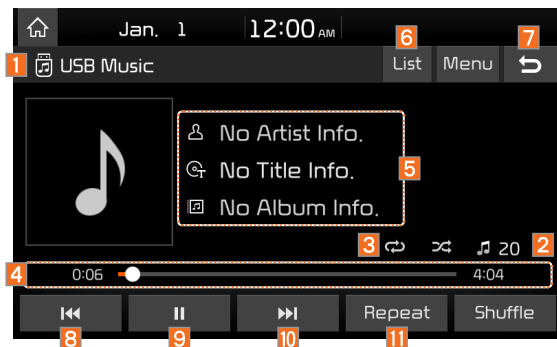
## Supported USB music specifications

| 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

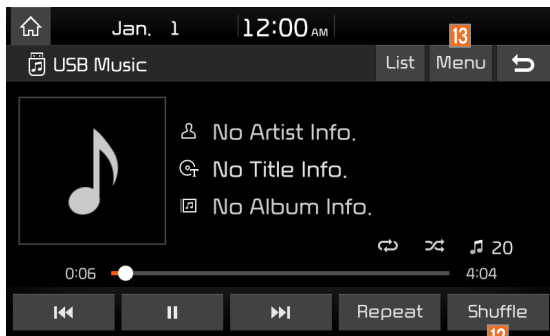
- The sound quality of audio files that use bitrates exceeding 192 kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not operate properly.

## USB Music

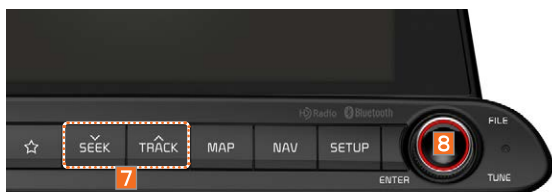
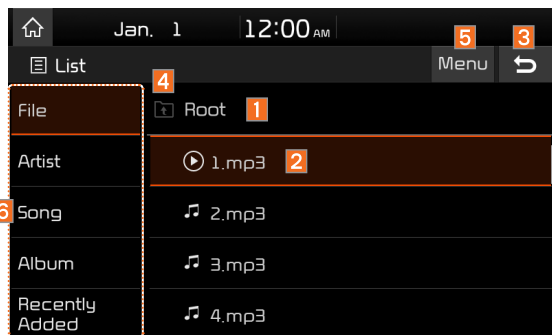


| Features          | Description                                                   |
|-------------------|---------------------------------------------------------------|
| 1 Mode            | Displays the current operating mode.                          |
| 2 Number of files | Number of files on the current playlist.                      |
| 3 Repeat/Shuffle  | From Repeat/Shuffle, displays the current operating function. |
| 4 Play Time       | Displays the current play time/total play time.               |
| 5 Song Info       | Displays the artist/title/album info.                         |
| 6 List            | Moves to the list screen.                                     |
| 7 Back Button     | Move to the previous screen.                                  |

| Features        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8 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> |
| 9 Play/Pause    | Plays/pauses the current file.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 10 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>                                                                                                                                                                                                                                                                         |
| 11 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>12</b> 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>                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>13</b> 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> <li><i>i</i> This function is only supported when USB format is compatible with FAT16 or FAT32.</li> <li>Sound Settings: Moves to the Sound Settings.</li> </ul>                                                                                                                                                                                                                        |
| <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><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.</p> |



| Features                       | Description                                                                                                                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> Folder/Category Name  | Displays folder/category name in the list.                                                                                                                                                                                                                                                                    |
| <b>2</b> Current Song          | Displays 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

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- 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 |    |

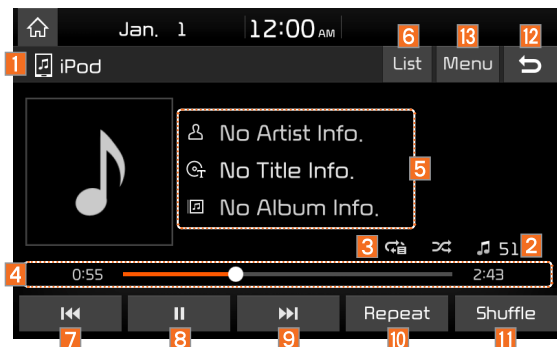
  

| Type         | 1G                                                                  | 2G | 3G | 4G                     | 5G                  | 6G                  | 6.5G         | 7G |
|--------------|---------------------------------------------------------------------|----|----|------------------------|---------------------|---------------------|--------------|----|
| 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

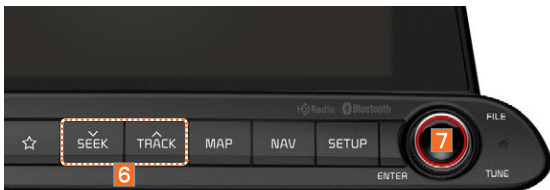
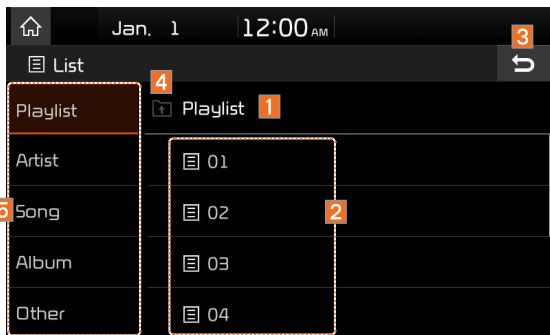


| Features          | Description                                                   |
|-------------------|---------------------------------------------------------------|
| 1 Mode            | Displays current operating mode.                              |
| 2 Number of songs | Number of songs on the current playlist.                      |
| 3 Repeat/Shuffle  | From Repeat/Shuffle, displays the current operating function. |
| 4 Play Time       | Displays the current play time/total play time.               |
| 5 Song Info       | Displays the artist/title/album info.                         |
| 6 List            | Moves to the list screen.                                     |

| Features        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7 Previous File | <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> |
| 8 Play/Pause    | Plays/pauses the current file.                                                                                                                                                                                                                                                                                                                                                                                                                |
| 9 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>                                                                                                                                                                                                                               |
| 10 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>                                                                                                                                                                                              |
| 11 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>                                                                                                                                                                                                              |
| 12 Back Button  | Move to the previous screen.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 13 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> |



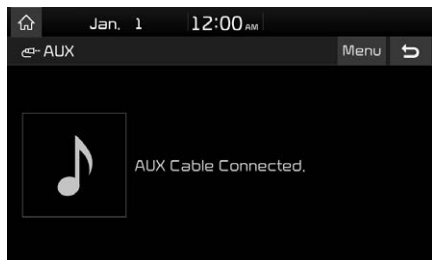
| Features                | Description                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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           | <p>Turn the <b>TUNE</b> knob to search a desired track. If the desired track is displayed, press the <b>TUNE</b> knob to play the track.</p> <p><b>i</b> If you do not anything with the knob for 5 seconds, the <b>TUNE</b> knob search will be terminated.</p>             |

## 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>Change Device: Search for and connect another Bluetooth device.</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.                                                                                                                                                                                                                                                           |
| 13 Change Device | Search for and connect another Bluetooth device.                                                                                                                                                                                                                                   |

### *i* Information

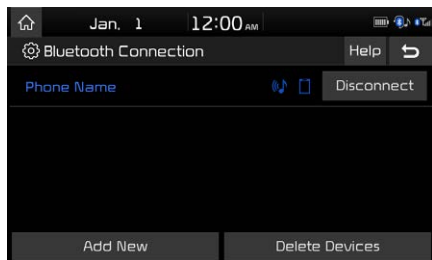
- Artist info and Title may not be supported by mobile phone.
- While in use of other functions after connecting your mobile phone through a USB cable, the Bluetooth audio is disabled.
- Depending on the connected Bluetooth device, mobile phone, or the music player you are using, playback controls may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

---

## Bluetooth Connection

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



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

---

### **i** Information

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- 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.
-

# part.3 Bluetooth

Before Using the Bluetooth<sup>®</sup> Handsfree  
Bluetooth Connection  
Bluetooth Phone

# Bluetooth

## Before Using the Bluetooth® Handsfree

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### What is Bluetooth® Wireless Technology?

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- *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.

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### Precautions for Safe Driving

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- Bluetooth® is a feature that enables drivers to practice safe driving. 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.

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## CAUTIONS upon Connecting Bluetooth® Phone

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- 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 issues with downloading contacts, please check the mobile phone status or inquire of the mobile phone manufacturer.

## 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

Select  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

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



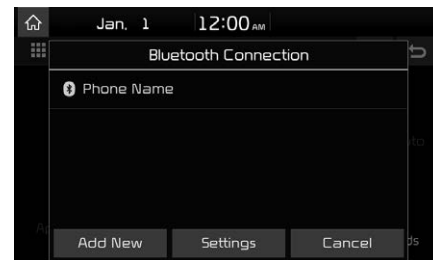
The default passkey is 0000.  
The vehicle name above is an example.  
Check the actual information on the product.

### Connecting Bluetooth Devices

Connects the Bluetooth devices that you add.

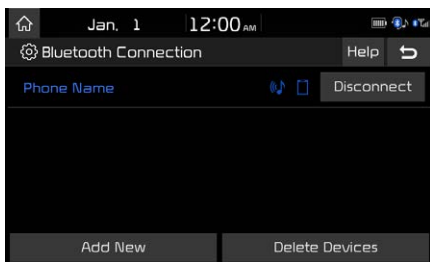
### Connecting Devices by Selecting Phone/Call

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



## Connecting Devices Through the Phone Settings

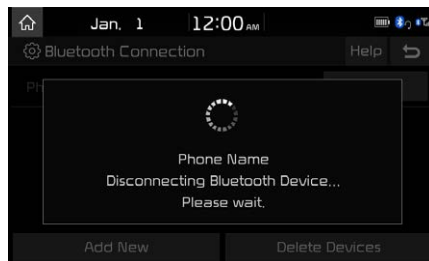
Select **SETUP** key. ▶ Select **Bluetooth**. ▶ Select **Bluetooth Connection**. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.



## Disconnecting Bluetooth Devices

Disconnects Bluetooth devices that are connected.

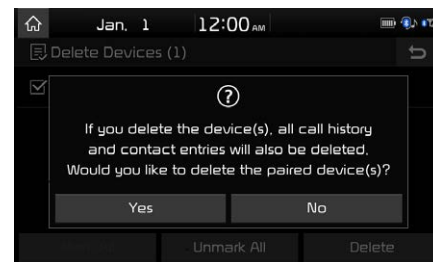
Select **SETUP** key. ▶ Select **Bluetooth**. ▶ Select **Bluetooth Connection**. ▶ Select the name of the device to disconnect.



## 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.

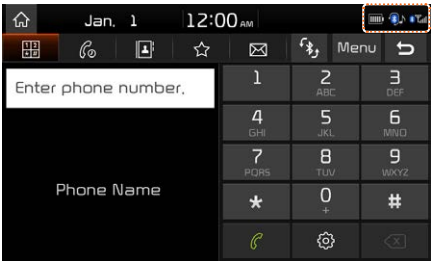
Select **SETUP** key. ▶ Select **Bluetooth**. ▶ Select **Bluetooth Connection**. ▶ Select **Delete Devices**. ▶ Select the device name to delete. ▶ Select **Delete**.



# Bluetooth Phone

## Phone Status Icons

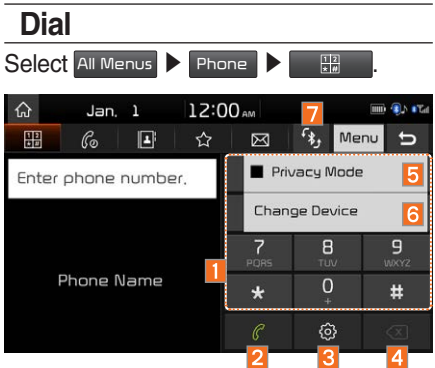
Shows the current phone status in the right top of the display.



| 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.

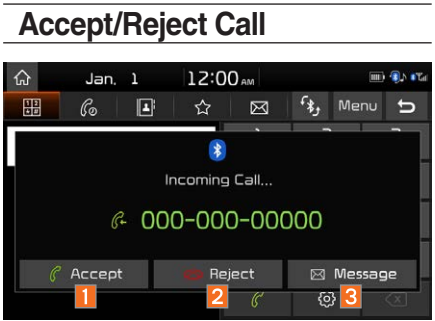


| Name            | Description                                                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------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

| Name                   | Description                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>3</b> Settings      | Moves to a screen of Bluetooth Connection.                                                                                |
| <b>4</b> Delete        | Deletes the numbers that you entered.                                                                                     |
| <b>5</b> Privacy Mode  | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| <b>6</b> Change Device | Search for and connect another Bluetooth device.                                                                          |

**i Information**

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



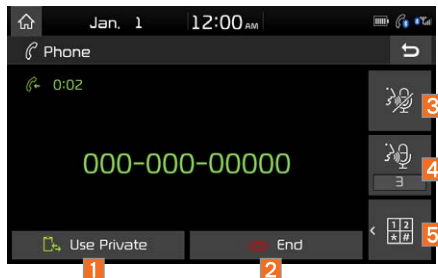
If there is an incoming call after you made a Bluetooth connection, a popup message will appear.

| 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.



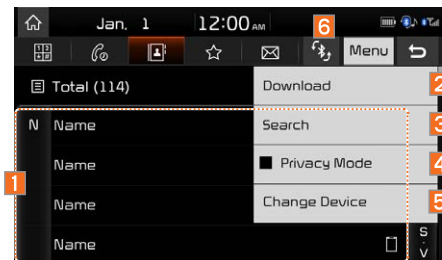
| Name            | Description                                                                                                               |
|-----------------|---------------------------------------------------------------------------------------------------------------------------|
| 1 All           | Lists the all call history.                                                                                               |
| 2 Diald         | Lists the calls that you made.                                                                                            |
| 3 Received      | Lists the calls that you have received.                                                                                   |
| 4 Missed        | Lists the calls you missed.                                                                                               |
| 5 Call History  | Displays all of your call history. Select from the list to dial the number.                                               |
| 6 Download      | Downloads the call history information from your mobile phone.                                                            |
| 7 Privacy Mode  | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| 8 Change Device | Search for and connect another Bluetooth device.                                                                          |

**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 Diald 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.

## 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> Privacy Mode  | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| <b>5</b> Change Device | Search for and connect another Bluetooth device.                                                                          |

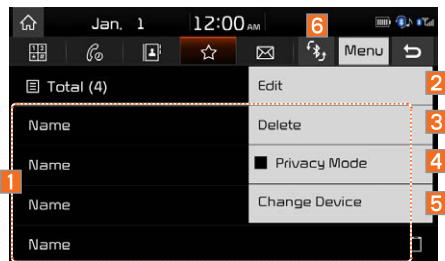
## **i** Information

- 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.

## Favorites

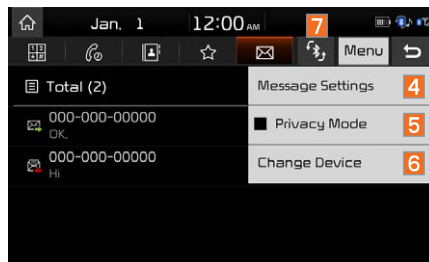
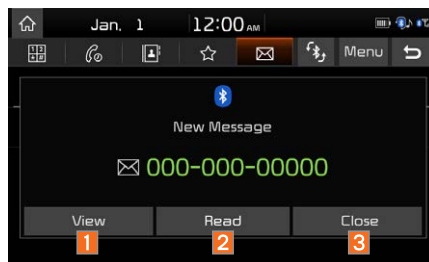
Select **All Menus** ► **Phone** ► **☆**.



| 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> Privacy Mode  | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| <b>5</b> Change Device | Search for and connect another Bluetooth device.                                                                          |

## Viewing a new message

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

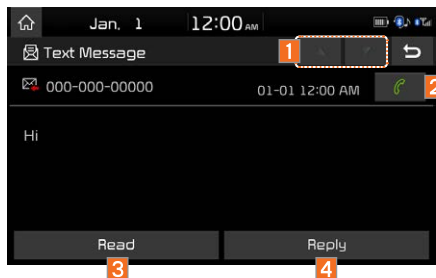


| Name                      | Description                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <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> Privacy Mode     | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| <b>6</b> Change Device    | Search for and connect another Bluetooth device.                                                                          |

## 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.

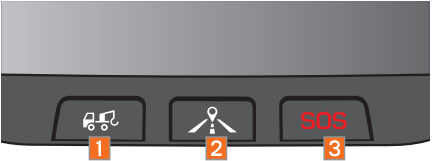
## part.4 UVO Control

Rear View Mirror Switch  
Roadside Assist  
UVO Voice Local Search  
SOS  
Auto Crash Notification  
Before Use  
Getting Started with UVO

# UVO Control

## Rear View Mirror Switch

Selecting the Rear View mirror switch will allow you to make service required inquiries, place search, and emergency Service by connecting to the UVO Center. Such features can be used only after subscribing to the UVO service.



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

| Name                                                                                | Description                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 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> |
| 2  | UVO Voice Local Search <ul style="list-style-type: none"><li>Request information about places via UVO Voice Local Search.</li></ul>                                                                                |
| 3 SOS                                                                               | SOS <ul style="list-style-type: none"><li>Start or ends the SOS call.</li></ul>                                                                                                                                    |

※ Refer to UVO service manual for more UVO features.

## Roadside Assist

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

Press the  button on your rear-view mirror.



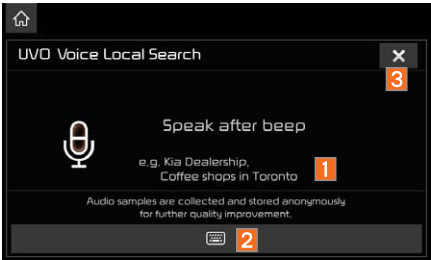
# UVO Voice Local Search

## What is UVO Voice Local Search?

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

## UVO Voice Local Search

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



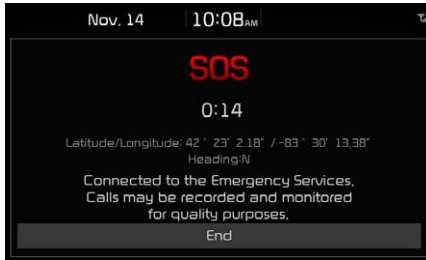
| Name                          | Description                                                                                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.<br>(With UVO Voice Local Search, press  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.

## SOS

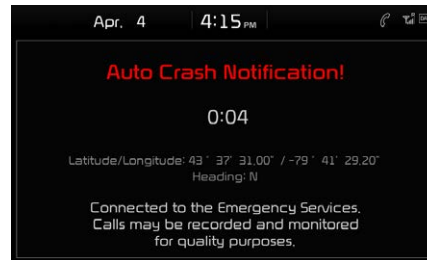
Customers request emergency UVO emergency services by pressing the dedicated **SOS** key in the vehicle. This action transmits vehicle information and location to specially trained response specialists, who assist in coordinating the dispatch of appropriate emergency assistance to the customer.

The response specialist remains on the line with the customer until emergency first responder assistance has arrived.



## Auto Crash Notification

Provides immediate assistance when an accident occurs and an airbag is deployed. In this event, an ACN signal, containing customer and location information, will automatically be transmitted to the response center. Upon receipt of the signal, a response specialist will attempt to establish voice communications with the vehicle occupants and forward any pertinent information to UVO emergency services.



## Before Use

---

### 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. This allows for a much safer and more comfortable driving experience.

---

### About Transmission and Reception of Radio Waves

---

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

Canada telematics services are provided via roaming in areas of the U.S. outside of Canada.

However, telematics services may be limited depending on the circumstances of U.S. carriers as the services are provided via international roaming.

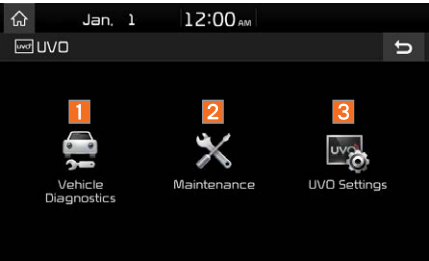
# Getting Started with UVO

Use UVO features such as Driving Info and Vehicle Diagnostics. UVO features can be used after activating the service.

## i Information

- A separate fee may be charged for using UVO, and features may differ according to your service plan.

Select the **UVO** icon from **All Menus** on the Home screen.



| Name                  | Description                                                   |
|-----------------------|---------------------------------------------------------------|
| 1 Vehicle Diagnostics | Inspects vehicle malfunctions and provides diagnostics.       |
| 2 Maintenance         | Checks the distance/date of the last/next maintenance service |
| 3 UVO Settings        | Activates the service or displays modem information.          |

## Driving Info

Displays information such as Driving Time/Idle Time, Deceleration/Acceleration Distribution, Driving Speed and Driving Distance.

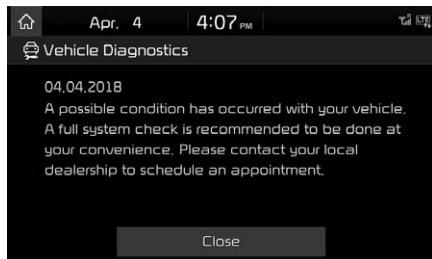
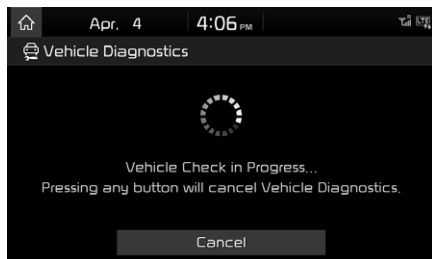
Select **All Menus** from Home screen display. ▶ Select **Driving Info** icon.



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

## Vehicle Diagnostics

Select the **UVO** icon from **All Menus** on the Home screen. ► Select **Vehicle Diagnostics** icon.



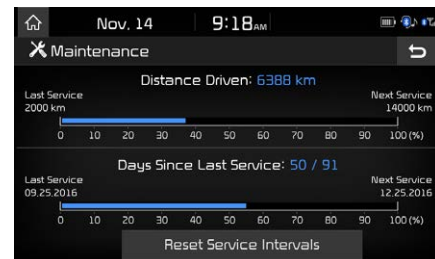
This service can be used while your car is stopped and the engine is on.

Vehicle Diagnostics will be canceled if you switch to another screen while diagnosis is in progress.

To receive result details, you need to first sign up to the UVO.

## Maintenance

Select the **UVO** icon from **All Menus** on the Home screen. ► Select **Maintenance** icon.



You can check the distance or date of the last/next maintenance service.

If you select the **Reset Service Intervals**, the distance and date will be reset.

To use Maintenance, first you need to sign up to the UVO.

## UVO Settings

For more details, refer to part 9. Setup > UVO Settings.

MEMO

# part.5 Navigation

Basic Features

Quick Menu

Destination Search

Route Search

Navigation Settings

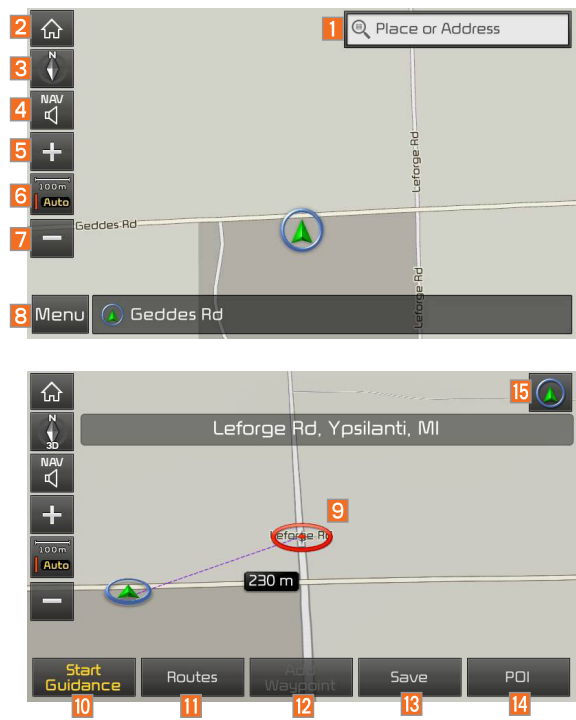
Troubleshooting

# Navigation

## Basic Features

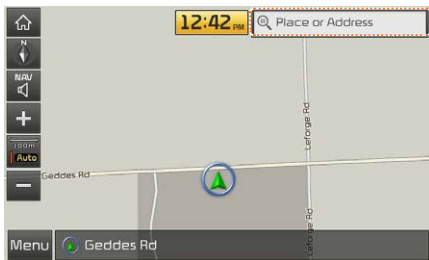
### Operating Navigation Screen

Basic features on the map screen.

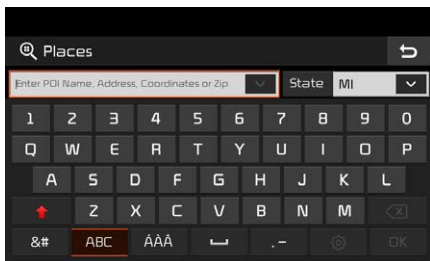


|    | Name | Description                                                 |
|----|------|-------------------------------------------------------------|
| 1  |      | Move to Places Menu.                                        |
| 2  |      | Go to the Home screen.                                      |
| 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  Place or Address to move to “Places”.



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

## Changing Map View

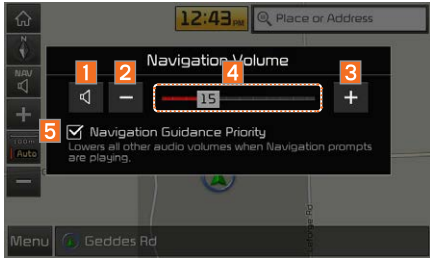


Touch the compass arrow icon to toggle between a map oriented to the North, oriented parallel to the vehicle's heading and 3D View.

## Navigation Volume



Select the  button to adjust the navigation volume.



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

## Zoom In/Zoom Out

Zoom the map view screen in and out.



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

## Map Scale

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



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

## Quick Menu

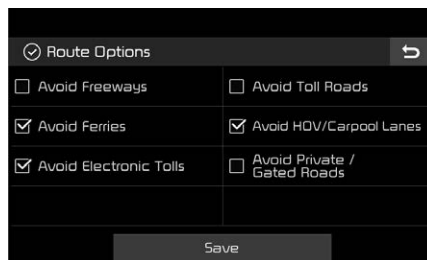
### Route

Select the **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

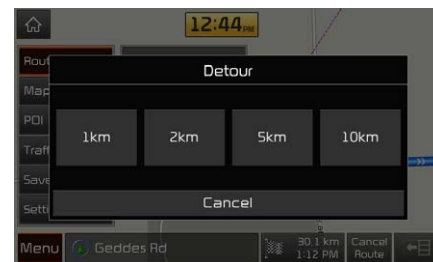


Select your preferred route and avoid options. Then select the **Save** button to save your selection. These options will become default for future routes.

### Detour



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



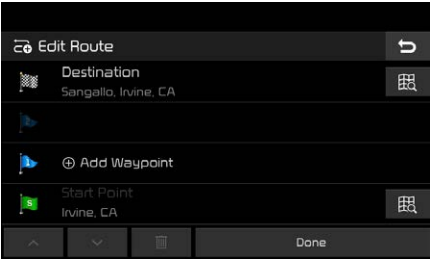
Selected distance is detoured from the current location.

## 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 5-27).



## Map Display

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



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

## POI

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

### View Nearby POIs

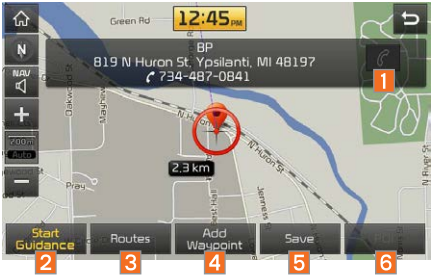


Select ☐ check button to set whether to show nearby POIs or not. When categories are selected, they will appear on the map. (ex. Gas Stations)

The lists of nearby gas stations are displayed.

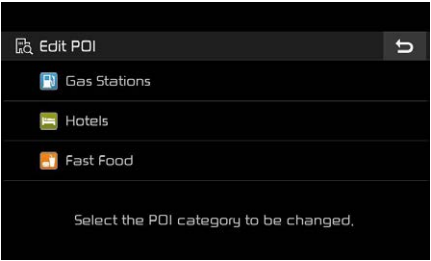


The list can be sorted to display in order of distance or name.



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

## Edit



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



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

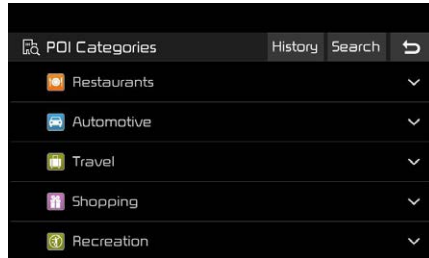


Select new category to display.  
(ex. American)



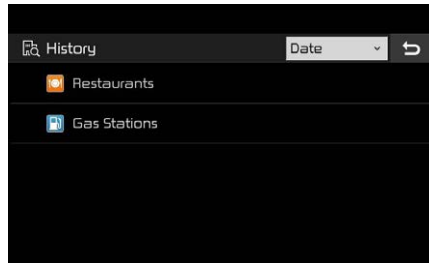
Gas Stations is changed to American .

## POI categories

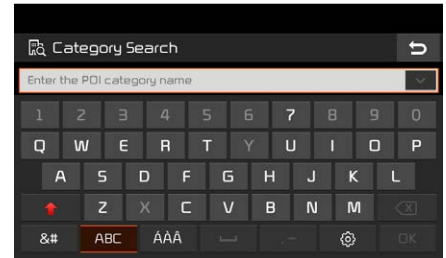


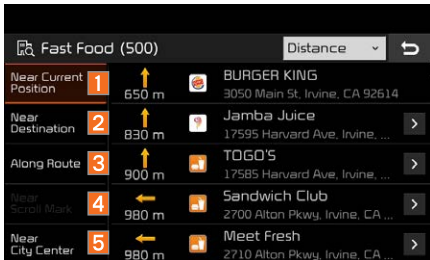
Select the item to search.

Press the History button to check previous search result.



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





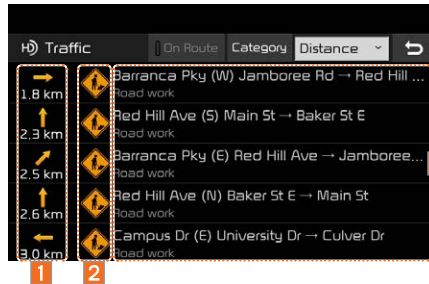
Select the desired POI to check the location and for detailed information.

| 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.

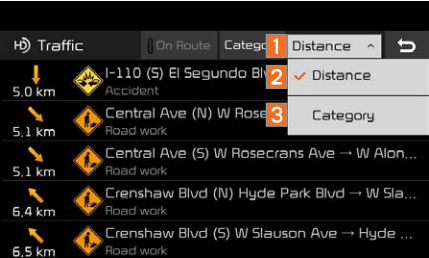
| Name | Description                                                                         |
|------|-------------------------------------------------------------------------------------|
| 1    | Direction from the current location. Distance from the current location (mi or km). |
| 2    | Displays 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.

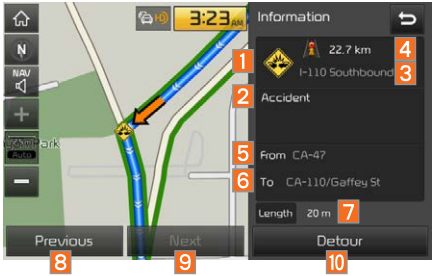


On the traffic list, the current basic traffic/road event information is displayed in order of distance.  
Select the combo box to change the arrangement in order of Category/Distance.

| 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.

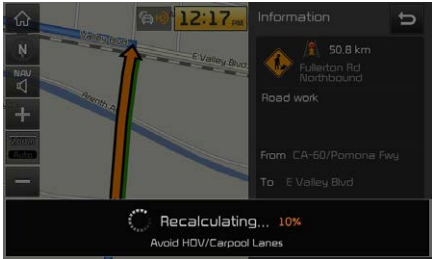
When the **Detour** button is enabled in the View Traffic Detail, press the **Detour** button to detour.

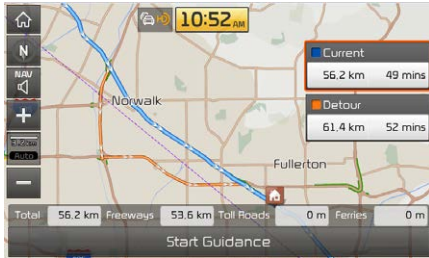


Select the desired section.



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**.



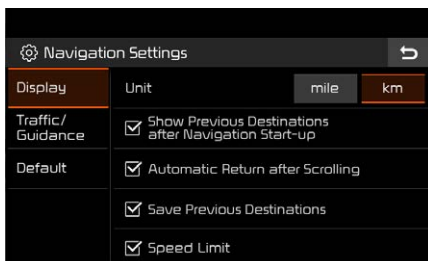
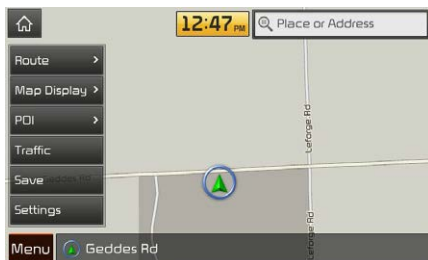
To store the location on the current map to the address book.



| Name | Description                                                                                                                                                      |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Change the name.                                                                                                                                                 |
| 2    | Press <b>Display on Map None</b> , <b>Display on Map Icon</b> or <b>Display on Map Icon &amp; Name</b> to display on the map screen.                             |
| 3    | 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. |
| 4    | Save the setting.                                                                                                                                                |

## Settings

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



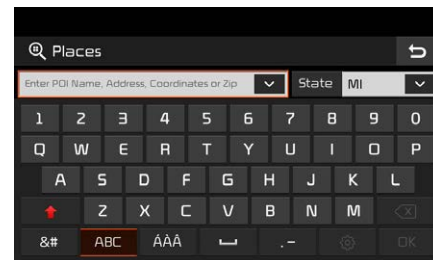
Change navigation settings. For more details, refer to “Navigation Settings” on page 5-30.

## Destination Search

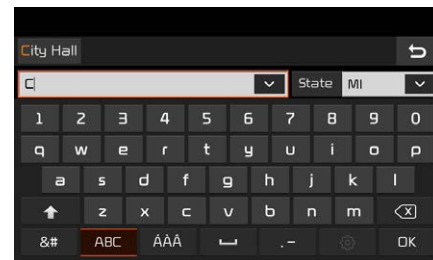
### Places

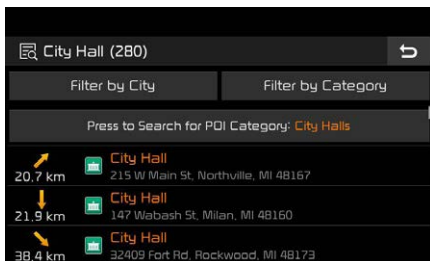
You can enter POI Name, Address or Coordinates that you wish to search by.

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

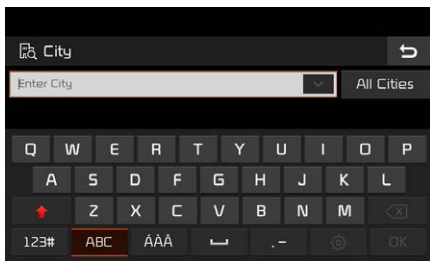


Enter the POI Name, Address and Coordinates of the location you want in the input window above, and press the **OK** button.

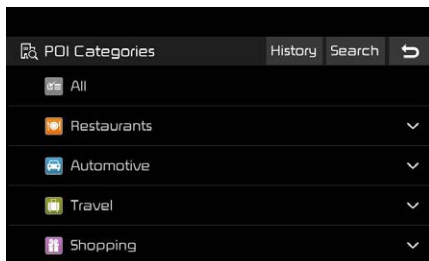




If you select a location from the search result list, it will bring you to the point.



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.

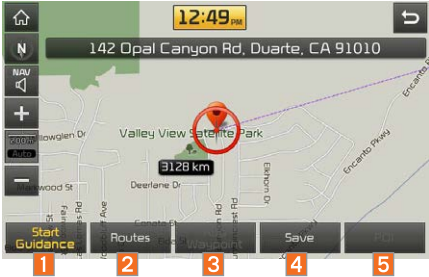


### How to Search Address

The screenshot shows the address search interface. At the top is an 'Address' field with a right arrow. Below it are four input fields: 'House No.' (with a red '3' callout), 'City' (with a red '2' callout), 'Street' (with a red '4' callout), and 'State' (with a red '1' callout). Below these fields is a numeric keypad with digits 1-9, 0, and a 'Skip' button. The 'State' field is currently set to 'CA'.

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.

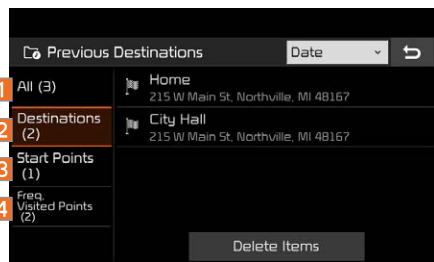
| Name                    | Description                                                 |
|-------------------------|-------------------------------------------------------------|
| 1 <b>Start Guidance</b> | Start the preferred navigation route to selected location.  |
| 2 <b>Routes</b>         | Choose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

### Previous Destinations

Select from previously inputted addresses and POIs.

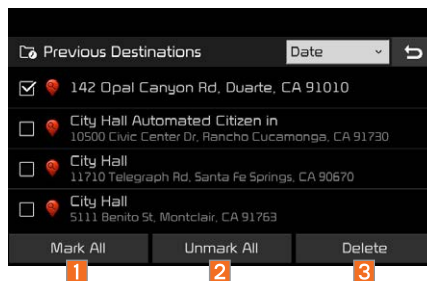
Press the **NAV** head unit key. ▶ Select the **Destination** tab. ▶ Select the **Previous Destinations** icon.





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

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

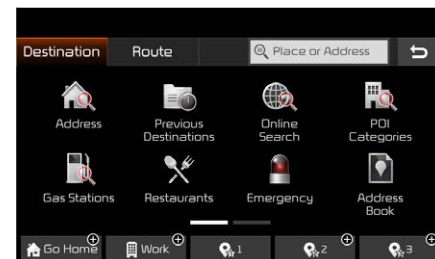


Press the **Delete** button to delete the information.

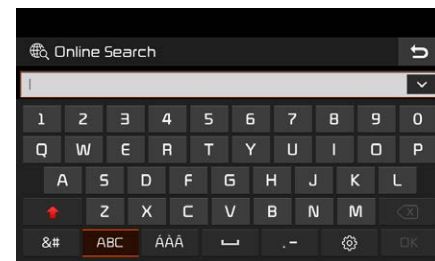
| Name                       | Description                  |
|----------------------------|------------------------------|
| <b>1</b> <b>Mark All</b>   | Select all.                  |
| <b>2</b> <b>Unmark All</b> | Deselect all.                |
| <b>3</b> <b>Delete</b>     | Delete the selected item(s).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

## Online Search

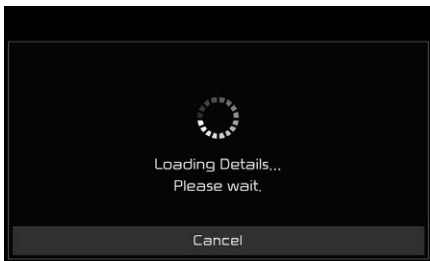
Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select the **Online Search** icon.



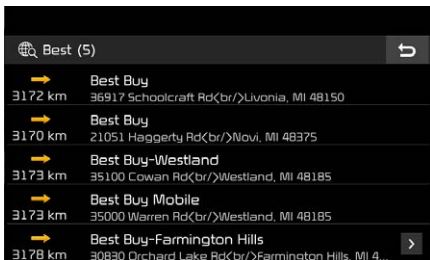
Runs Online Search.



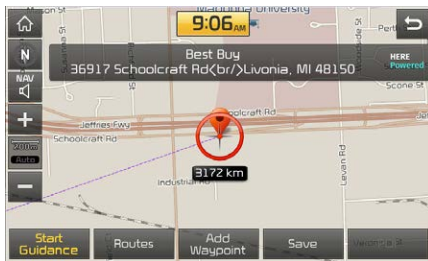
Enter the desired keywords and press the **OK** button.



Searching is in progress.



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

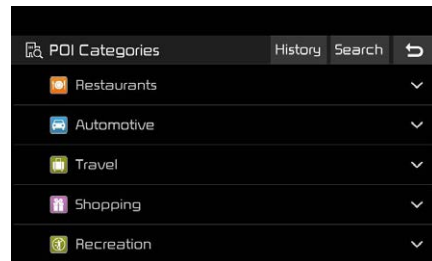
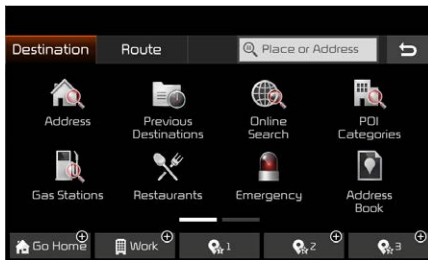


Press the **Start Guidance** button to start guidance.

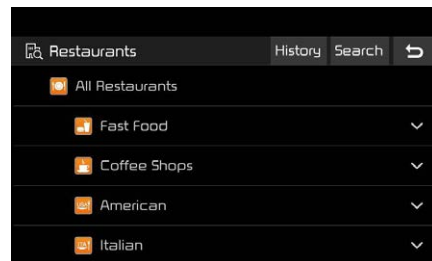
If search or guidance fails, the connection error message is displayed as above. Please try again.

## POI Categories

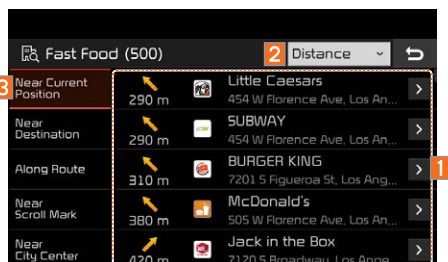
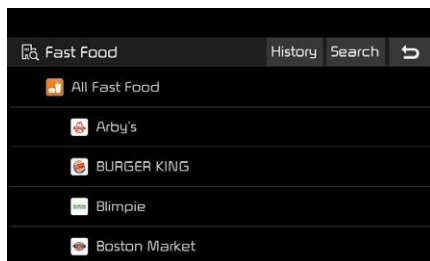
Press the **NAV** head unit key. ▶ Select the **Destination** tab. ▶ Select the **POI Categories** icon.



Select the desired item.



Select the desired item in the sub-categories.

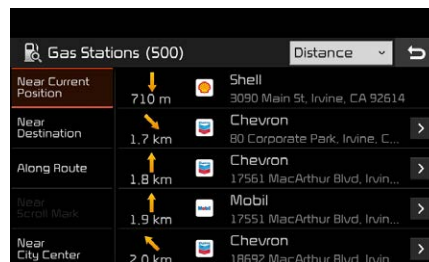
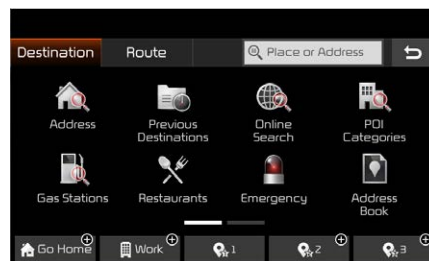


| Name | Description                                                                                                      |
|------|------------------------------------------------------------------------------------------------------------------|
| 1    | Select the desired destination among the searched 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. |

## Gas Stations

Search for gas stations.

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

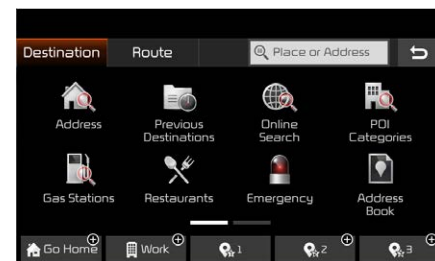


Select the desired destinations among the search items.

## Restaurants

Search restaurants.

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

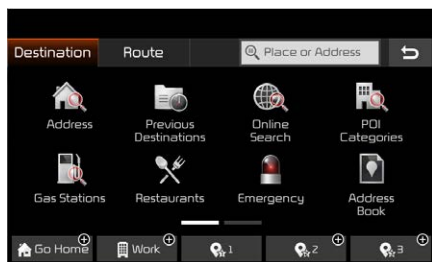


Select the desired destination among the searched items.

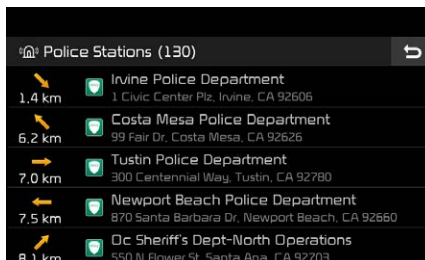
## Emergency

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)

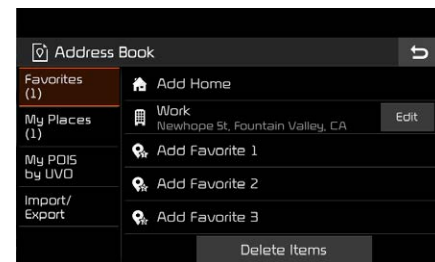
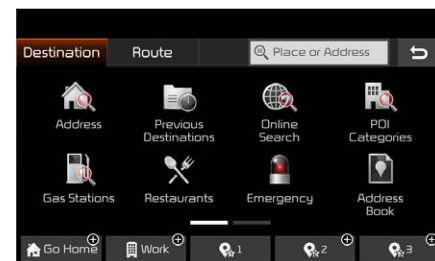


Select the desired destination among the searched items.

## Address Book

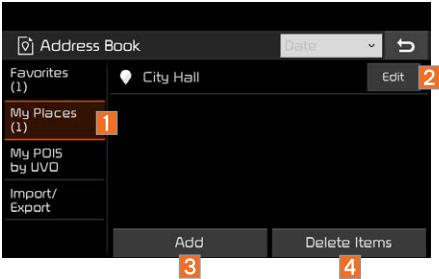
Search the destination with the address book.

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.                                |

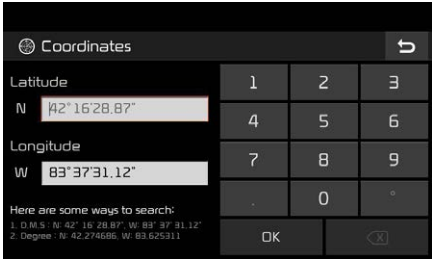
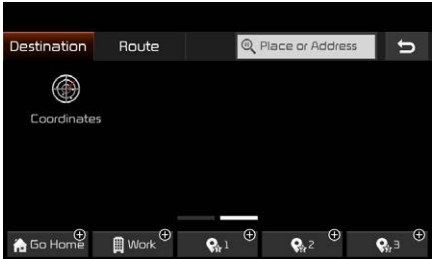
### Import or Export your Address Book data



You can import or export Address Book data from, to, USB storage. Select Import/Export in the Address Book menu.

### 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.

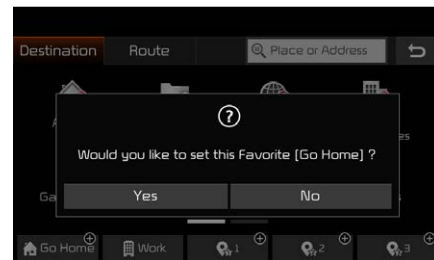
## Favorite places

Set the route using your favorite places.

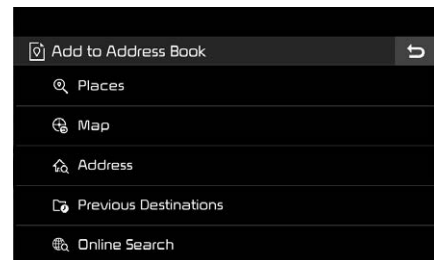
Press the **NAV** head unit key. ► Select the **Destination** tab. ► Select from favorite places.



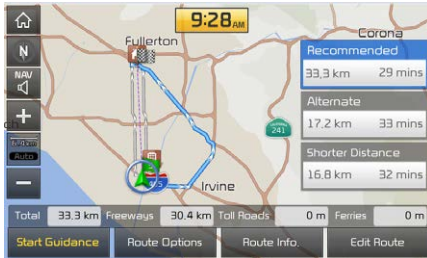
On the button where locations are not registered, the **+** icon is displayed. When a location is registered, the **+** button disappears and the buttons 1 to 3 are displayed as your favorite places.



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.



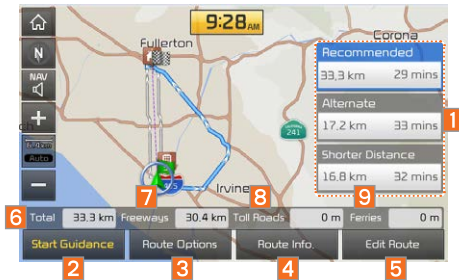
While the destination is set, the buttons **Start Guidance**, **Routes**, and **Add Waypoint** appear.

## 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.

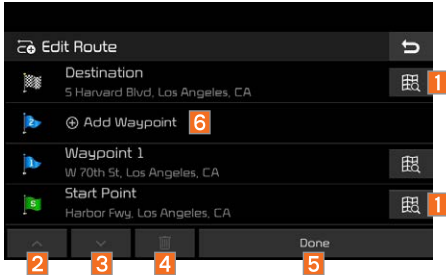
- Recommended: Select the best route based on combine real-time traffic information and traffic pattern data on the map.
- Alternate: Select the best route based on real-time traffic information.
- Shorter Distance: Select short distance, regardless of how fast or slow progress will be calculated.

| Name                                                                                                           | Description                                                    |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>1</b> Recommended<br>33.3 km 29 mins<br>Alternate<br>17.2 km 33 mins<br>Shorter Distance<br>16.8 km 32 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> Ferries                                                                                               | 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.

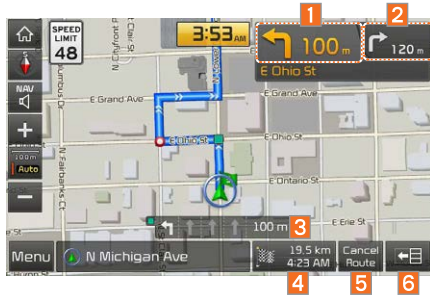


Enter the detailed information of the location to save.

### Route Guidance

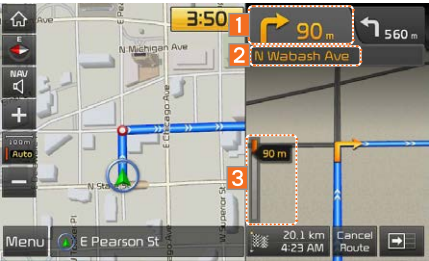
Show route guidance detailed information.

### 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. 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.                                                                                                                   |

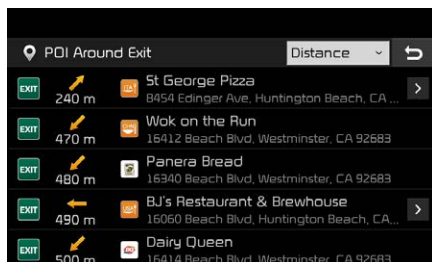


☐ Details additional info can be displayed on Freeway.



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.

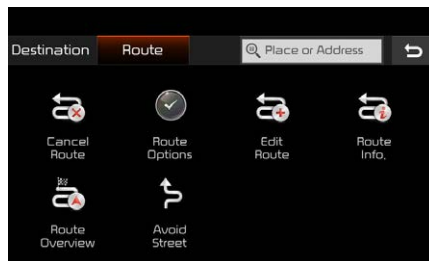


## Route Search

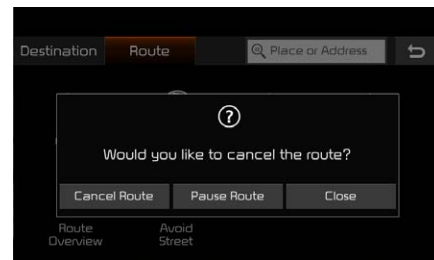
### Canceling Route

Cancel the route.

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



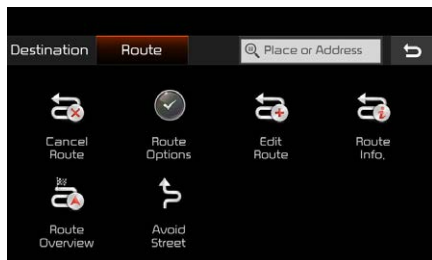
Press the **Cancel Route** icon.



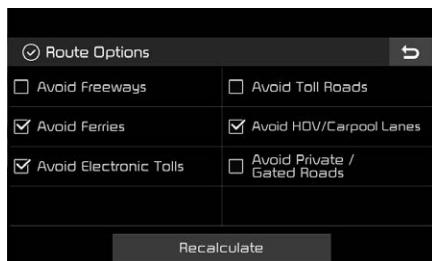
Press the **Cancel Route** button to cancel the route.

## Route Options

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



Press the **Route Options** icon.

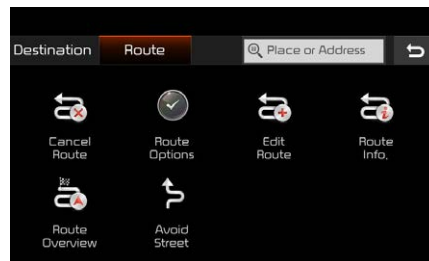


Determine the route options to guide the route.

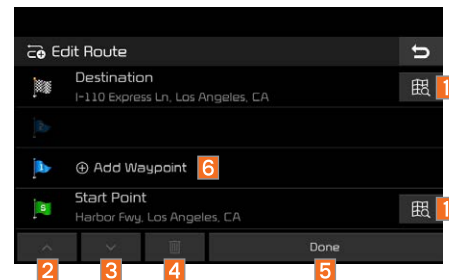
## Editing Route

Edit the current route.

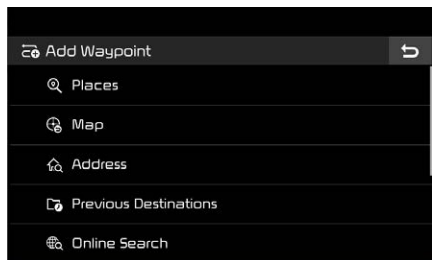
Press the **NAV** head unit key. ► Select the **Route** tab. ► Select **Edit Route**.



Press the **Edit Route** icon.



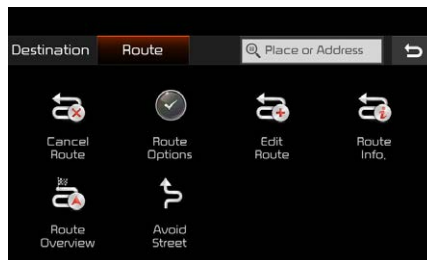
| Name                  | Description                                   |
|-----------------------|-----------------------------------------------|
| 1                     | Display the selected point on the map screen. |
| 2                     | Move the selected item up.                    |
| 3                     | 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 searching methods.

## Display Route Information

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



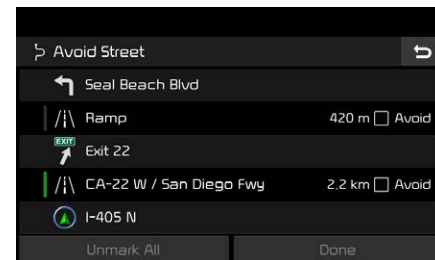
Press the **Route Info.** icon.



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

## Avoiding a road

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

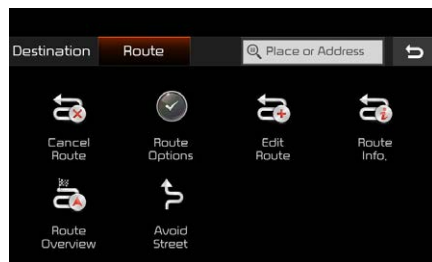


Check the desired item and press the **Done** button to finish.

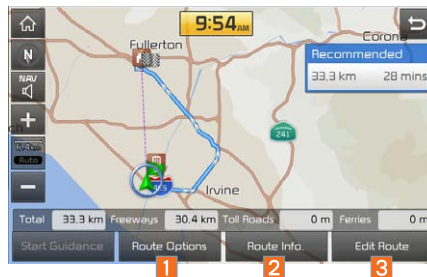
## Route Overview

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

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



Press the **Route Overview** icon.

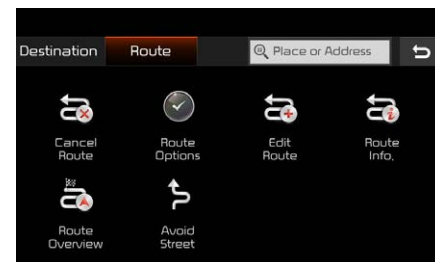


| Name                   | Description                      |
|------------------------|----------------------------------|
| <b>1</b> Route Options | Change the search option.        |
| <b>2</b> Route Info.   | You can check route information. |
| <b>3</b> Edit Route    | Edit the current route.  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

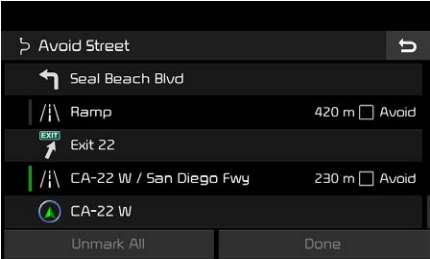
## Avoid Street

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.

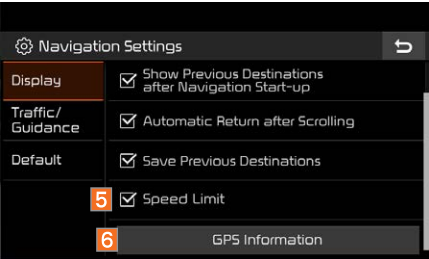
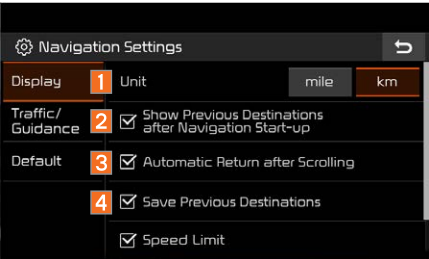


Press the **Done** button to plan new route after selecting the street(s) that you want to avoid.

# Navigation Settings

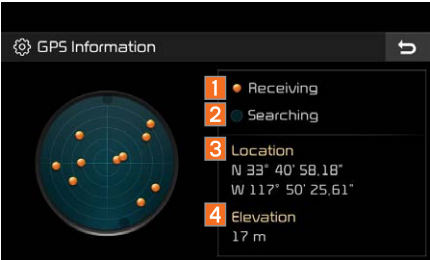
## Display

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 whether to show speed limit by pressing <input checked="" type="checkbox"/> .                                                                            |
| 6    | Check the GPS information.                                                                                                                                      |

GPS Information

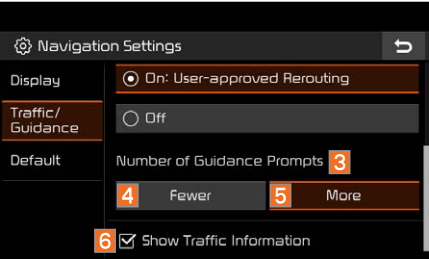
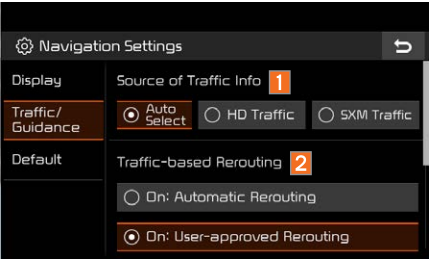


Press the **GPS Information** to display the detail GPS satellites information.

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

Traffic/Guidance

Change the Traffic/Guidance setting.

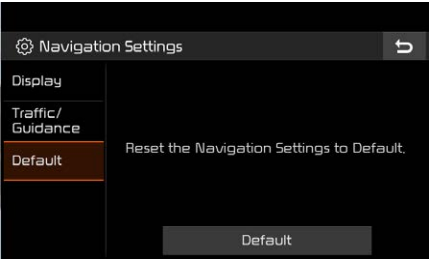


| Name | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Select a source of traffic information to display on the navigation system. <ul style="list-style-type: none"><li>Auto Select<br/>Automatically select Sirius XM or HD Traffic for traffic information.</li><li>HD Traffic<br/>Display traffic information based on HD Traffic data.</li><li>SXM Traffic<br/>Display traffic information based on Sirius XM Traffic data.</li></ul>                                                                                                |
| 2    | Searching faster routes internally using traffic information. <ul style="list-style-type: none"><li>On: Automatic Rerouting<br/>When set to Auto, during route guidance, faster route is automatically changed to avoid traffic incident.</li><li>On: User-approved Rerouting<br/>If set to On, faster route pop-up option appears during route guidance.</li><li>Off<br/>If set to Off, no faster routes are suggested to avoid traffic incident during route guidance.</li></ul> |
| 3    | Set the frequency of guidance.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4    | Route guidance is given less frequently.                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Name | Description                                                                                      |
|------|--------------------------------------------------------------------------------------------------|
| 5    | Guidance will be provided frequently.                                                            |
| 6    | Select the <input checked="" type="checkbox"/> button to display traffic information on the map. |

## 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> |

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- Repeatedly connecting/disconnecting the SD card in a short period of time may cause damage to the device.

MEMO

# part.6 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?

Voice recognition technology runs the system as ordered by recognizing your voice command for operation of the multimedia while you are driving the car.

Regretfully, 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 (USB or iPod, etc.) is connected or disconnected
  - 3) The front or rear view camera is operated (optional)
  - 4) The car engine starts or stops
  - 5) A system key, such as **RADIO** key or **MEDIA** key is selected
4. The microphone that recognizes your voice is located over the head part in the driver's seat. 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

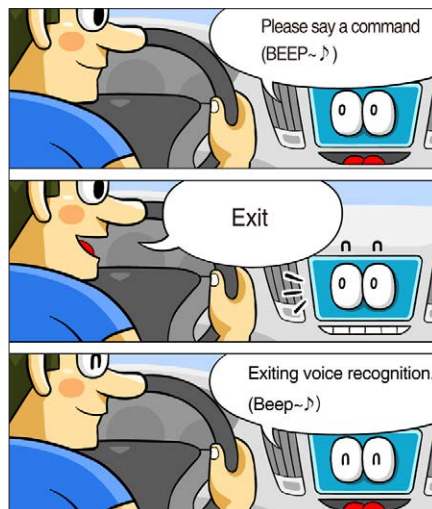
### Starting Voice Recognition

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 (over 0.8 seconds) the  key on the steering wheel control to end voice recognition.



### Quick Run of Voice Recognition (Manual Mode)

Usually, you are supposed to say a command to execute the desired operation after the voice guidance. However, it takes a little time to wait for the voice guidance. If you would like to activate the desired operation more quickly, you can just touch the commands displayed on the screen.

This feature is useful when you feel the voice guidance is too long or voice commands do not work as you desired.



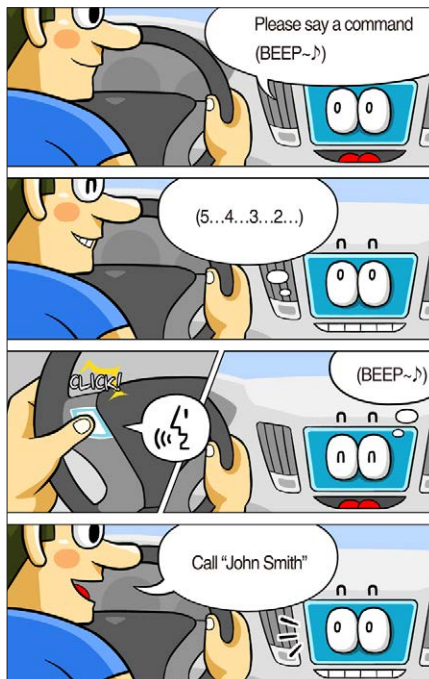
## Extending the Listening Time

When the system is waiting for your command, after the voice prompt and beep have been heard, if you press the  key (shorter 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

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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.

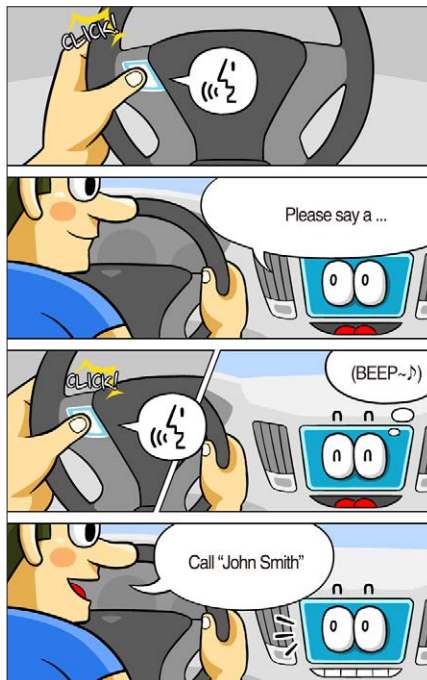
This results in faster operation when you feel the message is too long or you already know the command to use.

---

### Information

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- Refer to Part 9 for instructions on how to change the Voice Recognition Settings.
- 



---

## Adjusting Voice Recognition Volume

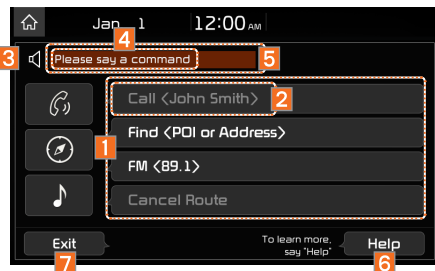
---

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



# Voice Recognition Screen Overview

## Start Screen



| Name                      | Description                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Representative Commands | Displays frequently used commands.                                                                                                                                                                       |
| 2 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                                                                                                      |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 3 Voice recognition status icons          | <ul style="list-style-type: none"> <li>Standby</li> <li>Voice guidance</li> <li>Voice command process</li> </ul> |
| 4 Recognized results                      | Displays the voice recognition result.                                                                           |
| 5 User's speaking volume being recognized | Displays the voice command level real time as it is being spoken.                                                |
| 6 Help                                    | Displays all available help commands in a tree format.                                                           |
| 7 Exit                                    | Ends the voice recognition.                                                                                      |

## Help Display



| Name                           | Description                                                                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Command list                 | <ul style="list-style-type: none"> <li>Shows the available commands.</li> <li>Select or say a command to display additional commands in detail.</li> </ul> |
| 2 How to use for selected item | This section shows how to use voice recognition for the selected item.                                                                                     |
| 3 How to use in general        | This section displays how to use voice recognition in general.                                                                                             |

## Instructions for Using Voice Recognition



### **i** Information

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

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

# Voice Commands

## Types of Commands

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

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

## Call Commands

\* Check the following before using call commands:

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

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

## Navigation Commands

\* Check the following before you use navigation commands:

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

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

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

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

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

| Command |                           | Operation                                                                                                                                                                           |
|---------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ●       | Frequently Visited Points | You can select a location from the list of your frequently visited points. Say the number of the location you want.                                                                 |
| ●       | Address Book              | Access the address book screen.                                                                                                                                                     |
| ●       | Previous Points           | Displays a list combining Previous Destinations, Frequently Visited Points, and Previous Starting Points all together.<br>You can then set a destination by saying the list number. |
| ●       | Previous Destinations     | Displays a list of recent destinations that you can return to by saying the number in the list.                                                                                     |
| ●       | Previous Starting Points  | Displays a list of recent starting points that you can return to by saying the number in the list.                                                                                  |
| ●       | Traffic Information       | Moves to the Traffic Information menu screen.                                                                                                                                       |
| ●       | Go Home                   | Set the destination to your home.<br>Your home must first be set in the Navigation system.                                                                                          |
| ●       | Go to Work                | Set the destination to your work/office.<br>Your work/office must first be set in the Navigation system.                                                                            |

| Command |                         | Operation                                                                                                                                      |
|---------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| ●       | Change Home             | You can change the location saved as your home.                                                                                                |
| ●       | Change Work             | You can change the location saved as your work.                                                                                                |
| ●       | Pause Route             | Pause the navigation guidance.                                                                                                                 |
| ●       | Resume Route            | Resume the navigation guidance.                                                                                                                |
| ●       | Turn Guidance On        | Turns on the voice guidance system.                                                                                                            |
| ●       | Turn Guidance Off       | Turns off the voice guidance system.                                                                                                           |
| ●       | Zoom In                 | Zooms in on the navigation map.                                                                                                                |
| ●       | Zoom Out                | Zooms out from the navigation map.                                                                                                             |
| ●       | Cancel Route            | Cancels the route to the fixed destination and exits guidance.                                                                                 |
| ●       | Destination Information | Tells you the remaining distance and time to your destination.                                                                                 |
| ●       | Route Options           | Moves to the Route Options menu screen.                                                                                                        |
| ●       | Emergency Services      | Displays a list of nearest Police Station, Hospital, Dealership, or Road Assistance. You can then set a destination by saying the list number. |
| ●       | Police Stations         | Displays a list of the nearest police stations. You can then set a destination by saying the list number.                                      |

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

## Radio Commands

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

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

| Command |                              | Operation                                                                                                                                                                       |
|---------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ●       | Help                         | Moves to the voice recognition help screen. All available commands can then be identified and used.                                                                             |
| ○       | Line 1 to 4<br>(One to Four) | When you cannot select a certain name, you can select it using numbers. Simple numbers can be recognized, such as “One” or “Two”.                                               |
| ○       | Yes/No                       | When voice recognition is activated, this command is used when an answer is requested for a confirmation question.                                                              |
| ○       | Previous/Next                | When four or more searched items are listed, you can move to the previous or next page using a voice command.                                                                   |
| ○       | Manual Input                 | When Dial entry results are displayed, this command is used to search manually, rather than to search with a voice command. Voice recognition stops after this command is used. |
| ○       | Go Back                      | Moves to the previous screen.                                                                                                                                                   |
| ●       | Exit                         | Ends the voice recognition.                                                                                                                                                     |

## “Find <POI>” List

Navigation location names can be changed after an update.

### 1. Restaurants

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

## 2. Automotive

| Restaurants         |
|---------------------|
| Asian Restaurants   |
| African Restaurants |
| Coffee Shops        |
| Starbucks           |
| Dunkin' Donuts      |
| Tim Hortons         |
| Other Restaurants   |
| Auntie Anne's       |
| Baskin-Robbins      |
| Haagen-Dazs         |
| Hooters             |
| Roy's               |
| TCBY                |
| VAN DER VALK        |

| Automotive            |
|-----------------------|
| Kia Dealerships       |
| Gas Stations          |
| 76                    |
| amprn                 |
| ARCO                  |
| BP                    |
| Canadian Tire         |
| Casey's General Store |
| Cenex                 |
| Chevron               |
| CITGO                 |
| Conoco                |
| Esso                  |
| Exxon                 |
| Fleetfuels            |
| GetGo                 |
| Giant Gasoline        |
| GTO                   |
| Gulf                  |
| Husky                 |
| Ingles Gas Express    |
| Marathon              |

|                          |
|--------------------------|
| Martin's Gasoline        |
| Meijer                   |
| Mobil                    |
| Murphy Express           |
| Murphy USA               |
| Petro Stopping Centers   |
| PETRO-CANADA             |
| Phillips 66              |
| Pioneer                  |
| QuikTrip                 |
| Rutter's                 |
| Sheetz                   |
| Shell                    |
| Sinclair                 |
| Speedway                 |
| Sunoco                   |
| Sunoco Canada            |
| TEXACO                   |
| TravelCenters of America |
| Ultramar                 |
| Valero                   |
| Wawa                     |
| Parking                  |

|                        |
|------------------------|
| Auto Services          |
| AAA                    |
| Advance Auto Parts     |
| America's Tire         |
| AutoZone               |
| BOSCH Car Service      |
| Certigard              |
| Discount Tire          |
| Firestone              |
| GOODYEAR               |
| Kal Tire               |
| Midas                  |
| Napa                   |
| O'Reilly Auto Parts    |
| Sears Auto Center      |
| Road Assistance        |
| Automobile Dealerships |
| Auto Parts             |
| Car Washes             |
| Motorcycle Dealerships |

### 3. Travel

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

#### 4. Shopping

| Travel          |
|-----------------|
| Ferry Terminals |
| Bus Stations    |
| Local Transit   |
| Train Stations  |

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

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

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

| Shopping            |
|---------------------|
| Claire's            |
| Costco              |
| Home Depot          |
| Lowe's              |
| Merle Norman        |
| PETCO               |
| PETSMART            |
| Sally Beauty Supply |
| SHERWIN-WILLIAMS    |
| True Value          |
| Clothing Shops      |
| Mark's              |
| Shoe Stores         |
| Pharmacies          |
| CVS/pharmacy        |
| Giant Drugstore     |
| Ingles Pharmacy     |
| Kmart Pharmacy      |
| Kroger Pharmacy     |
| Martin's Drugstore  |
| Meijer Pharmacy     |

|                     |
|---------------------|
| Rite Aid            |
| Shoppers Drug Mart  |
| Target Pharmacy     |
| Walgreens           |
| General Merchandise |

## 5. Recreation

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

## 6. Financial Services

| Financial Services     |
|------------------------|
| Banks                  |
| Bank of America        |
| BB&T                   |
| Chase                  |
| Citibank               |
| Citizens Bank          |
| Fifth Third Bank       |
| Key Bank               |
| PNC Bank               |
| RBC Bank               |
| Regions                |
| SunTrust               |
| TD Bank                |
| TD Canada Trust        |
| US Bank                |
| Wells Fargo            |
| ATMs                   |
| Check Cashing Services |
| Money Transfer         |

## 7. Community

| Community                 |
|---------------------------|
| Police Stations           |
| Post Offices              |
| Libraries                 |
| Schools                   |
| Fire Departments          |
| Churches                  |
| Synagogues                |
| Convention Centers        |
| City Halls                |
| Civic Centers             |
| Court Houses              |
| Government Offices        |
| Waste & Sanitary Services |
| Utilities                 |
| Business Facilities       |

## 8. Services

| Services                    |
|-----------------------------|
| Hospitals                   |
| Medical Services            |
| Physicians                  |
| Tax Services                |
| Attorneys                   |
| Funeral Homes               |
| Hair & Beauty Services      |
| Cleaning & Laundry Services |
| Social Services             |
| Communication               |
| Dentists                    |
| Photography Services        |
| Tailors & Alterations       |
| Movers                      |
| Nursing Home                |
| Optical Services            |
| Personal Services           |
| Repair Service              |
| Veterinary Hospital         |

# Siri Eyes Free

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## How to start Siri

---

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

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

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

---

## How to use Siri

---

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



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### Information

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- Functions and feedbacks from voice commands via Siri are executed in iOS device. If iOS version changed, functions and feedbacks can be changed according to iOS device.
-

# part.7 Data Services

HD Radio™ Data

SiriusXM™ Data

# Data Services

## HD Radio™ Data

### About HD Radio™ Data Services

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

### Accessing HD Radio™ Data

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



### HD Radio™ Weather Information Mode

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

### Weather Forecast

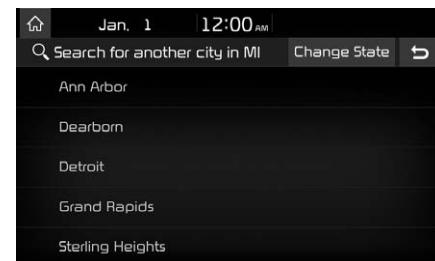
This service provides current weather information and weather forecasts for the next five days in your city.



### Other City Option

This service provides access to weather information from other cities.

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



---

## HD Radio™ Doppler Radar

---

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

### Doppler Radar

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

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



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## SiriusXM™ Data

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### About SiriusXM™ Data Service

---

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

---

### Accessing SiriusXM™ Data

---

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



---

## SiriusXM™ Stock Information

---

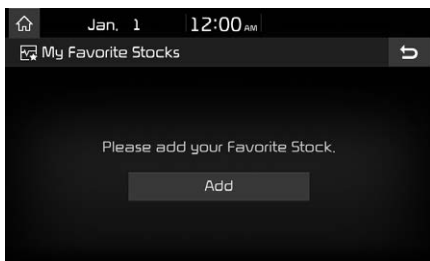
In the “Data Services” screen, press the **SiriusXM Stocks** icon to enter the Stocks mode.

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

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

## My Favorites

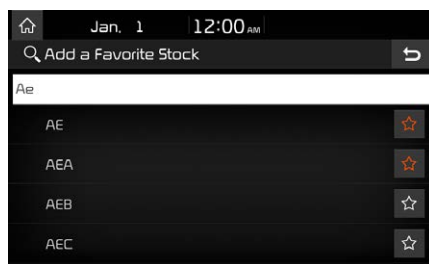
My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Press the **Add** button to move to the stock search screen.



## Stock Search

Use the Stock Search menu to search for specific stocks.

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



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



|      |       |       |                                                                                    |
|------|-------|-------|------------------------------------------------------------------------------------|
| AE   | 64.53 | -1.57 |   |
| AEA  | 0.0   | N/A   |   |
| AEC  | 17.0  | -0.14 |   |
| AEGR | 30.35 | -1.45 |   |
| AEGN | 23.03 | -0.79 |  |

## SiriusXM™ Sports Information

Press the  icon to enter the Sports mode.

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

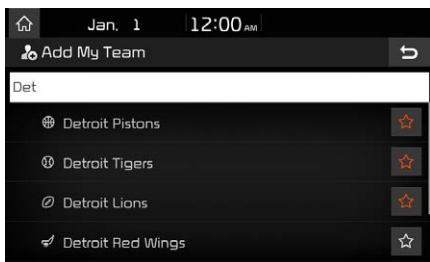
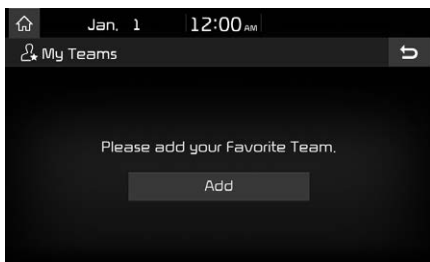


## My Teams

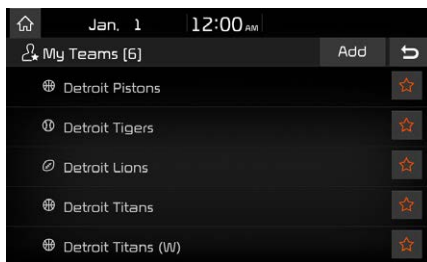
You can save teams which you are interested in as part of My teams to easily view related scores and schedules.

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

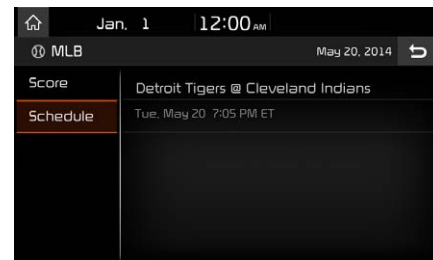
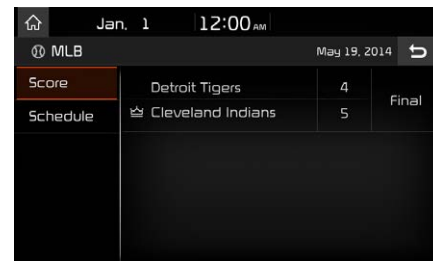
Search for your favorite teams and press the ☆ button on the right to add it to the “My Teams” list.



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



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



MEMO



# part.8 Other Features

Camera  
Using Voice Memo

# Other Features

## Camera

### WARNING

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

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

### CAUTION

- The distance shown in the rear view screen may differ from the actual distance. For safety, be sure to visually check the rear, left, and right sides of your vehicle.
- The color of the parking guidelines displayed in the picture may differ from the actual screen.
- When booted up, blinking may occur when you switch to a UI screen.

### NOTICE

- The rear view screen remains active while you are backing up. When you move the transmission shift lever to any position other than the "R" (Reverse) position after backing up, the rear view screen will be deactivated and the system will display the previous screen automatically.
- As you steer your vehicle, the parking guides change accordingly to indicate your vehicle's path.



- Depending on vehicle models, the steering-interactive parking guides may not be supported.
- If an object comes too close to your vehicle as you are backing up, a warning beep will sound. To prevent an accident that might result if you do not hear the beep, you can set the system to decrease the volume level of any media playing automatically when the vehicle is in reverse. If Back-up Warning Priority is set in the Sound settings, the audio volume is lowered when your vehicle is driving rearward.

## Steering-linked camera

When you put the transmission shift lever in the "R" (Reverse) position while the engine is running, the system screen will automatically display what is behind you.



Driving direction lines (yellow) **1 2**

These lines show the directions of the vehicle according to the steering angle.

Neutral direction lines (blue) **3**

These lines indicate your vehicle's expected path with the steering wheel in the neutral position. It can help you determine whether the vehicle is in the correct position in a parking space and prevent you from parking too close to the next vehicle.

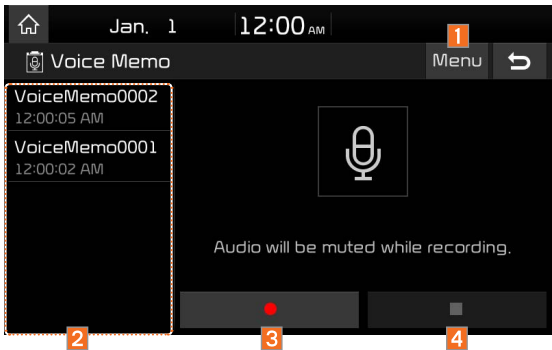
Crash warning lines (red) **4**

These lines are to prevent a collision.

# Using Voice Memo

You can record voice memos using the microphone installed in your vehicle and play voice memos on your system.

On the Home screen, touch **All Menus** ► **Voice Memo**.



| Features                    | Description                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Display the options list. | <ul style="list-style-type: none"><li>• Delete: Delete voice memos.</li><li>• Save to USB Device: Save voice memos to a USB storage device.<br/><i>i</i> This option is available only for USB storage devices formatted in FAT16/32 formats.</li><li>• Storage Info: View information on the storage space used for your voice memos.</li></ul>                                                   |
| 2 List of your voice memos. | Touch a voice memo to play it.                                                                                                                                                                                                                                                                                                                                                                     |
| 3 Record/Pause button       | <ul style="list-style-type: none"><li>• Touch  to start recording.</li><li>• Touch  to pause recording.</li></ul>                                                                                                            |
| 4 Stop button               | <ul style="list-style-type: none"><li>• Touch  to stop recording. The recorded memo is added to the voice memos list on the left of the screen.<br/><i>i</i> You can also press the  button on the steering wheel.</li></ul> |

## *i* Information

- Voice memo recording mutes the function in operation or pauses media playback.
- If you make or answer a call while recording a voice memo, the recording pauses. If an emergency call is connected, the recording will stop and the recorded voice memo will be saved automatically.



## part.9 Setup

Navigation Settings

Sound Settings

Display Settings

Bluetooth Settings

UVO Settings

Phone Projection Settings

Voice Recognition Settings

Date/Time Settings

Language Settings

Keyboard Settings

Screen Saver Settings

Advanced Settings

System Info

# Setup

Setup is the screen to control Multimedia system settings.

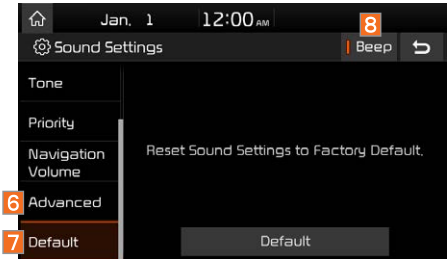
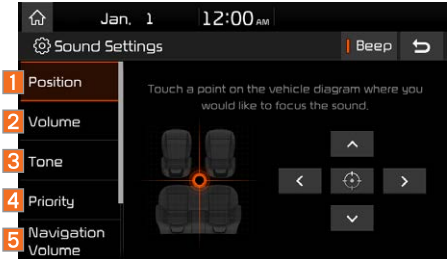
To enter the screen, select the **SETUP** key or the **Setup** icon in **All Menus**.

## Navigation Settings

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

## Sound Settings

Adjusts the sound effects for the whole system.



| Features          | Description                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> Position | Select the Up/Down/Left/Right button to control sound positioning. Press  to concentrate the sound on the center of vehicle. |

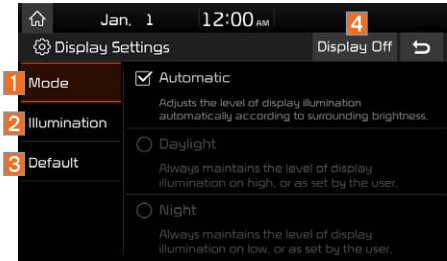
| Features                   | Description                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2</b> Volume            | Adjust the volume levels for various system features, including phone projection.                                                             |
| <b>3</b> Tone              | Drag the slide bar to control Bass/Midrange/Treble settings. Press <b>Center</b> to initialize the settings.                                  |
| <b>4</b> Priority          | Sets the volume ratio when reversing the car, turning on the car's ignition, etc.                                                             |
| <b>5</b> Navigation Volume | Sets the method of navigation guidance volume adjustment.                                                                                     |
| <b>6</b> Advanced          | Select additional audio options such as "Speed Dependent Volume Control" that automatically controls Audio volume according to vehicle speed. |
| <b>7</b> Default           | Resets the sound to factory default settings.                                                                                                 |
| <b>8</b> Beep              | Select to activate a beep when pressing buttons.                                                                                              |

### i Information

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

# Display Settings

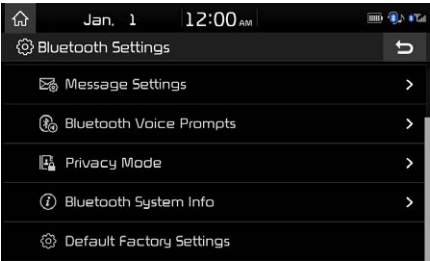
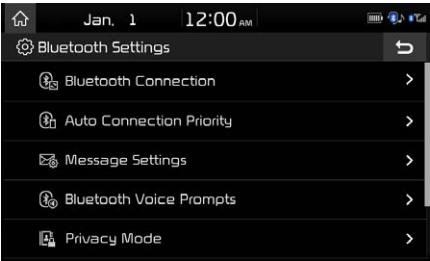
Adjusts the level of illumination for the entire system.



| Features       | Description                                                                                                                                                                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Mode         | Select any of LCD illumination change modes: Automatic (changes the level automatically), Daylight, and Night.                                                                                                                                                            |
| 2 Illumination | Link to Cluster Illumination Control enables the system brightness to be adjusted according to the instrument cluster's brightness. If this feature is deactivated, you can adjust the brightness for the day or night mode according to your setting in the Mode option. |
| 3 Default      | Resets the display to factory default settings                                                                                                                                                                                                                            |
| 4 Display Off  | Provides the Display Off (touch activation) function.                                                                                                                                                                                                                     |

# Bluetooth Settings

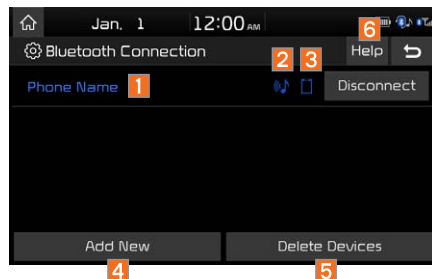
Changes Bluetooth phone settings.  
Select the **SETUP** key ► Select **Bluetooth**.



## Bluetooth Connection

Select the **SETUP** key ► Select **Bluetooth**

► Select **Bluetooth Connection**.



| Features                                   | Description                                                                                                       |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>1</b> Paired Device List                | Displays the paired Bluetooth device list. When selecting from the list, the device is connected or disconnected. |
| <b>2</b> Bluetooth Audio Connection Status | An icon appears when you make a Bluetooth Audio connection.                                                       |

| Features                                        | Description                                                      |
|-------------------------------------------------|------------------------------------------------------------------|
| <b>3</b> Bluetooth Hands-Free Connection Status | An icon appears when you make a Bluetooth Hands-free connection. |
| <b>4</b> Add New                                | Register a new Bluetooth device.                                 |
| <b>5</b> Delete Devices                         | Select and delete a paired device.                               |
| <b>6</b> Help                                   | Switches to the Bluetooth Connection Help screen.                |

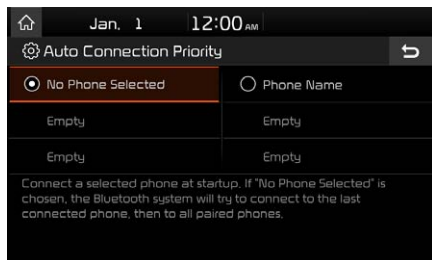
### **i** Information

- Some options will be displayed only when a mobile phone is connected to the system.
- Up to 5 Bluetooth devices can be paired.
- Only one Bluetooth device can be connected at a time.
- During a Bluetooth device connection, another device cannot be paired.
- When you delete a paired device, the Call History and Contacts stored in the head unit are also deleted.

- Bluetooth Hands-free and Bluetooth Audio functions are supported.
- Hands-free and audio-supported devices, such as a Bluetooth smartphone or audio, will function normally.
- When a Bluetooth device is connected, if the Bluetooth connection is unexpectedly disconnected, due to being out of communication range, the device powering off, or a Bluetooth communication error, the Bluetooth device automatically searches for and connects to nearby Bluetooth devices.
- If the system is not stable, due to a vehicle-Bluetooth device communication error, restore the Default Factory Settings.
- For Default Factory Settings, the Bluetooth Settings are reset to factory settings.
- Select the **SETUP** key ► Select **Bluetooth** ► Select **Default Factory Settings**.

## Auto Connection Priority

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

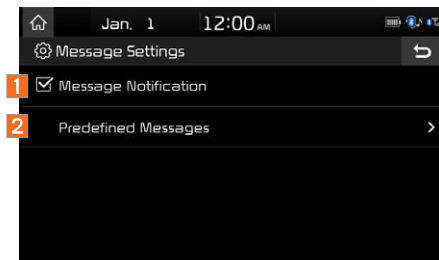


When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.

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

## Message Settings

Press the **SETUP** key ► Select **Bluetooth**  
► Select **Message Settings**.



| Features               | Description                           |
|------------------------|---------------------------------------|
| 1 Message Notification | Set to receive message notifications. |
| 2 Predefined Messages  | Edit message templates for replies.   |

## Bluetooth Voice Prompts

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

Set whether to hear voice prompts for events related to Bluetooth connections.

---

## Privacy Mode

---

Press the **SETUP** key ► Select **Bluetooth**  
► **Privacy Mode**.

Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.

---

## Bluetooth System Info

---

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

View or edit your system's Bluetooth information.

---

## Default Factory Settings

---

Select the **SETUP** key ► Select **Bluetooth**  
► Select **Default Factory Settings**.

Delete all paired Bluetooth devices and reset your Bluetooth settings to default values. All data related to Bluetooth devices will also be deleted.

## UVO Settings

Select the **UVO** icon from **All Menus** on the Home screen ► **UVO Settings** ► **Feature Enrollment** icon.

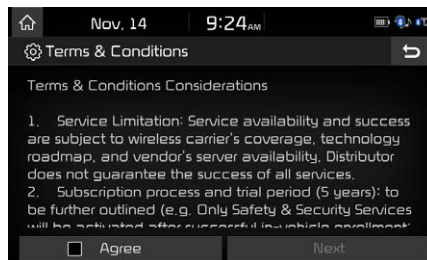
## Feature Enrollment

### Service Activation

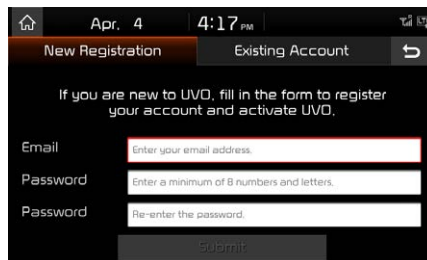
#### (when the service is not activated)

After you buy your car, you need to activate (register for) UVO to use any UVO features, including Roadside Assist, Emergency Services. If you are a first time user when you activate UVO, you need to register for a new account by entering your email address, and a password. (To register for a new account, you must accept the Terms & Conditions.) If you have an existing account registered on www.MyUVO.ca, you must enter the email address and password you used when registering for an account.

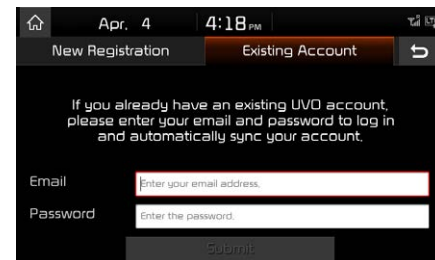
1. Select the **UVO** icon from **All Menus** on the Home screen ► **UVO Settings** ► **Feature Enrollment** ► **Agree** ► **Next**.



2. Registering for a new account : Select the **New Registration** tab to enter your email address and a password twice. Select **Submit**.

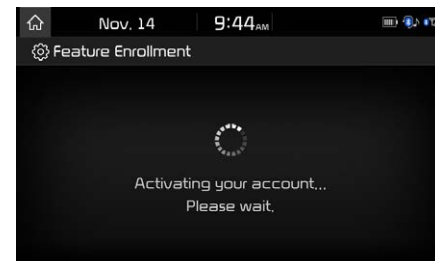


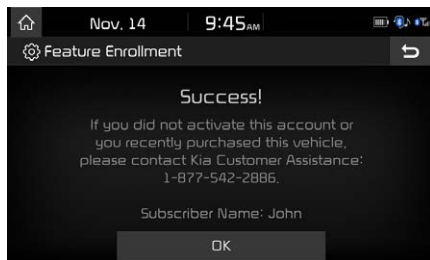
3. Registering for an existing account : Select the **Existing Account** tab to enter your email address and password. Select **Submit**.



### NOTICE

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





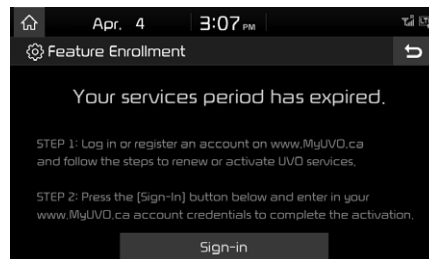
## NOTICE

- Do not turn the engine off while activation is in progress.
- If activation is successful, you can use Safety Services like Roadside Assist, Emergency Services.
- To use more UVO services, you have to visit [www.MyUVO.ca](http://www.MyUVO.ca), and then complete profile and enable all services.
- If activation fails, contact the Kia Customer Assistance Center at 1-877-542-2886.
- During service activation, the hard keys in the head unit do not work.

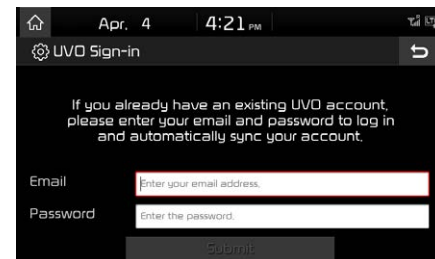
## Service Activation (when the service is expired)

If your UVO period is expired, the UVO features are not available. To use the UVO features, please reactivate your service. When reactivating your service, please enter the email address and password you used when registering for an account on [www.MyUVO.ca](http://www.MyUVO.ca).

1. Select the **UVO** icon from **All Menus** on the Home screen ► **UVO Settings** ► **Feature Enrollment** ► **Sign-in**.

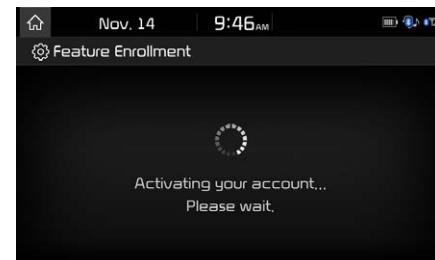


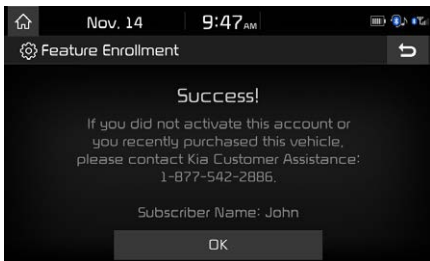
2. Enter your email address and password, and then select **Submit**.



## NOTICE

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





## NOTICE

- Do not turn the engine off while activation is in progress.
- If activation is successful, you can use Safety Services like Roadside Assist, Emergency Services.
- To use more UVO services, you have to visit [www.MyUVO.ca](http://www.MyUVO.ca), and then complete profile and enable all services.
- If activation fails, contact the Kia Customer Assistance Center at 1-877-542-2886.
- During service activation, the hard keys in the head unit do not work.

## Phone Projection Settings

For more details, refer to Phone Projection guide.

## Voice Recognition Settings

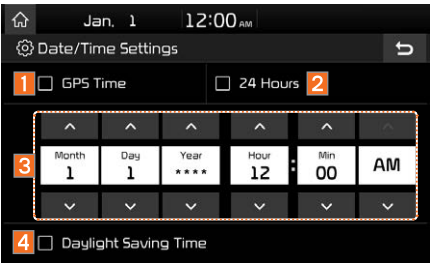
Configure how to make a call with Voice Recognition Guidance and Voice Recognition.



| Features             | Description                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------|
| <b>1</b> Use Network | If you are subscribed to the Connected Services, set to use the server-based voice recognition. |
| <b>2</b> Guidance    | Set to hear brief guidance or detailed guidance.                                                |

# Date/Time Settings

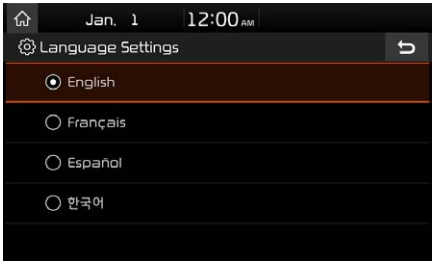
Configure the settings for time and date. Using the arrow buttons, you can change the values. Date/Time settings do not automatically change when crossing into different time zones. The time must be changed manually on this screen.



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

# Language Settings

You can configure the displayed system language.



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

- i Information**
- This setting will not affect user data, such as MP3 file names.
  - Depending on the system language, converting the message to voice may not be supported when using Bluetooth.
  - Depending on the system language, voice recognition may not be supported.

# Keyboard Settings

You can configure the keyboard layout for each language.



You can configure ABCD or QWERTY keyboards for the system.

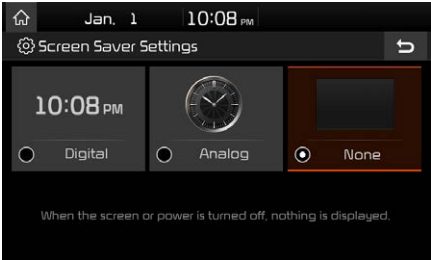
**i Information**

- Configured keyboard layouts are applied to all input modes.

# Screen Saver Settings

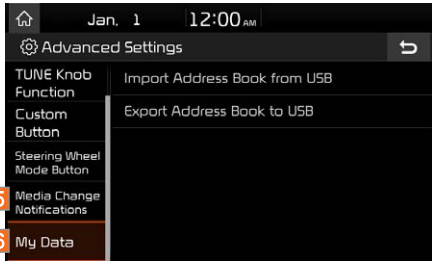
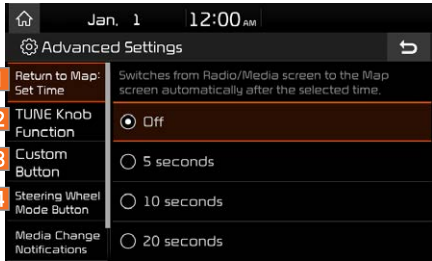
You can select any of the following screen formats to be displayed when the screen or power is turned off (press and hold the Power button).

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



# Advanced Settings

Sets alerts per function if desired by the user.

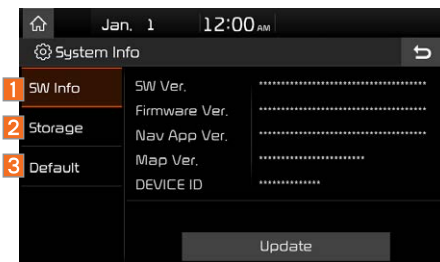


| Features                  | Description                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| 1 Return to Map: Set Time | Sets the time after which the screen will return to the map screen from the broadcast/music playback screen. |

| Features                            | Description                                                                                                                                                                                                                     |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2</b> TUNE Knob Function         | When the map is displayed, the <b>TUNE</b> knob will behave as selected.                                                                                                                                                        |
| <b>3</b> Custom Button              | You can choose the feature to be accessed when the <b>☆</b> key is pressed.                                                                                                                                                     |
| <b>4</b> Steering Wheel Mode Button | Sets the media to be played when the steering wheel or rear seat (if provided) <b>MODE</b> button is pressed.                                                                                                                   |
| <b>5</b> Media Change Notifications | Sets whether to display media information at the top of the screen as the next item is played when not on the media screen.                                                                                                     |
| <b>6</b> My Data                    | <ul style="list-style-type: none"> <li>Import Address Book from USB: Import address book data from a USB storage device.</li> <li>Export Address Book to USB: Export your address book data to a USB storage device.</li> </ul> |

## System Info

System version information and update details are available.



| Features         | Description                                                                    |
|------------------|--------------------------------------------------------------------------------|
| <b>1</b> SW Info | Select the <b>Update</b> button to update the system.                          |
| <b>2</b> Storage | View storage information of your system's memory.                              |
| <b>3</b> Default | When <b>Default</b> is selected, the settings are changed to factory defaults. |

## System Update

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

### **i** Information

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

### **NOTICE**

- Do not turn off the system or remove the storage device while the update is in progress. If the power supply is cut off or the storage device is removed from the system, it may damage the data or cause a system malfunction.
- When **Default** is selected, it may delete all of the data and settings so be cautious of your action.

# part.10 Appendix

Product Specification

Troubleshooting

FAQ

# Appendix

## Product Specification

### TFT-LCD

|                   |                                         |
|-------------------|-----------------------------------------|
| Screen Size       | 8 inch (176.4 x 99.36 mm)               |
| Resolution        | 384,000 pixels (Resolution: 800 x 480)  |
| Operating Method  | TFT(Thin Film Transistor) Active Matrix |
| Viewing Angle     | Left/Right, Top/Bottom: ALL 89°         |
| Internal Lighting | LED                                     |

### Radio

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

### Common

|                       |                                                                                                                                                                           |                     |                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------|
| Power Supply          | DC 14.4 V                                                                                                                                                                 | Operating Power     | DC 9 V to DC 16 V                 |
| Sleep Current         | <ul style="list-style-type: none"><li>Average current within 96 hours of ACC off: 10 mA or less</li><li>Average current after 96 hours of ACC off: 1 mA or less</li></ul> |                     |                                   |
| Operating Temperature | -20 to +70 °C<br>(-4 to +158 °F)                                                                                                                                          | Storage Temperature | -40 to +80 °C<br>(-40 to +176 °F) |
| Dimensions            | 321 x 198.1 x 222.8 mm                                                                                                                                                    |                     |                                   |
| Current Consumption   | 2.5 A                                                                                                                                                                     | Weight              | 2.130 kg                          |

**MODEM RF SPEC**

|      |    |             |                                                                             |
|------|----|-------------|-----------------------------------------------------------------------------|
| LTE  | RX | Frequency   | 2110 MHz~2155 MHz(B4),<br>746 MHz~756 MHz(B13)                              |
|      |    | Sensitivity | -96.3 dBm under@ 10M(B4),<br>-93.3 dBm under@ 10M(B13)<br>(Throughput ≥95%) |
|      | TX | Frequency   | 1710 MHz~1755 MHz(B4),<br>777 MHz~787 MHz(B13)                              |
| CDMA | RX | Frequency   | 869 MHz~894 MHz(BC0),<br>1930 MHz~1990 MHz(BC1)                             |
|      |    | Sensitivity | -104 dBm under(FER = 0.5% under)                                            |
|      | TX | Frequency   | 824 MHz~849 MHz(BC0),<br>1850 MHz~1910 MHz(BC1)                             |

**Bluetooth® Wireless Technology**

|                        |                                                  |                                    |             |
|------------------------|--------------------------------------------------|------------------------------------|-------------|
| Frequency Range        | 2402 ~ 2480 MHz                                  | Supported Bluetooth® Specification | 3.0         |
| Supported Profile      | Handsfree(1.6), A2DP(1.2), AVRCP(1.4), PBAP(1.0) |                                    |             |
| Bluetooth Power Class2 |                                                  | Number of Channels                 | 79 channels |

## Troubleshooting

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

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

| Problem                                                             | Possible Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sound does not work in AUX mode                                     | <ul style="list-style-type: none"> <li>• Are the audio connector jacks fully inserted into the AUX terminal?</li> </ul>                                                                                                                                                                                                                                                                                                                                                              |
| The external device is not working                                  | <ul style="list-style-type: none"> <li>• Is the external device connected with a standard connector cable?</li> </ul>                                                                                                                                                                                                                                                                                                                                                                |
| Upon turning power on, the most recent mode screen is not displayed | <p>Within modes that play files by reading external sources, such as USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load</p> <ul style="list-style-type: none"> <li>• If the corresponding device is not connected, the mode operated prior to the most recent mode will operate</li> <li>• If the previous mode still cannot be properly played, the mode operated prior to that will operate</li> </ul> |

| Problem                    | Possible Cause                   | Countermeasure                                                                                                                                                                     |
|----------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The power does not turn on | The fuse is disconnected         | <ul style="list-style-type: none"> <li>• Replace with a suitable fuse</li> <li>• If the fuse is disconnected again, please contact your point of purchase or Kia dealer</li> </ul> |
|                            | Device is not properly connected | <ul style="list-style-type: none"> <li>• Check to see that the device has been properly connected</li> </ul>                                                                       |
| The system does not play   | The vehicle battery is low       | <ul style="list-style-type: none"> <li>• Charge the battery If the problem persists, contact your point of purchase or Kia dealer</li> </ul>                                       |

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

| Problem               | Possible Cause                                                                                                                                                                                                                                                                                                                                                                                                     | Countermeasure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The USB does not work | <ul style="list-style-type: none"> <li>• USB memory is damaged</li> <li>• USB memory has been contaminated</li> <li>• A separately purchased USB HUB is being used</li> <li>• A USB extension cable is being used</li> <li>• A USB which is not a Metal Cover Type USB Memory is being used</li> <li>• An HDD type, CF, SD Memory is being used</li> <li>• There are no music files which can be played</li> </ul> | <ul style="list-style-type: none"> <li>• Please use the USB after formatting it.</li> <li>• Remove any foreign substances on the contact surface of the USB memory and multi-media terminal</li> <li>• Directly connect the USB memory with the multi-media terminal on the vehicle</li> <li>• Directly connect the USB memory with the multi-media terminal on the vehicle</li> <li>• Use standard USB Memory</li> <li>• Use standard USB Memory</li> <li>• Only MP3, WMA file formats are supported. Please use only the supported music file formats</li> </ul> |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Problem                                                        | Possible Cause                                                                                                                                                                                                         | Countermeasure                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The iPod is not recognized even though it has been connected   | <ul style="list-style-type: none"> <li>• There are no titles which can be played</li> <li>• The iPod firmware version has not been properly updated</li> <li>• The iPod device does not recognize downloads</li> </ul> | <ul style="list-style-type: none"> <li>• Use iTunes to download and save MP3 files into the iPod</li> <li>• Use iTunes to update the firmware version and reconnect the iPod with the device</li> <li>• Reset the iPod and reconnect with the device</li> </ul> |
| Bluetooth does not work or its limited functions are available | <ul style="list-style-type: none"> <li>• Bluetooth on your mobile phone is set to OFF</li> <li>• The Bluetooth connection is not made</li> </ul>                                                                       | <ul style="list-style-type: none"> <li>• Set it to ON</li> <li>• Make the connection active</li> </ul>                                                                                                                                                          |

### **i** Information

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

## FAQ

### About Pairing Mobile Phones

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

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

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

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

**Q** What is a Passkey?

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

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

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

---

## About Making/Answering Phone Calls

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**Q** How can I answer a call?

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

To reject the call, press the  button on the screen or press the  key on the steering wheel control.

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

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

---

## About *Bluetooth*® Wireless Technology/ Multimedia System Use Environment

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

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

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

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

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

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

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## Important Safety Information

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

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

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

### **Warning**

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

# General Operation

## Voice Command Control

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

## Prolonged Views of Screen

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

## Volume Setting

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

## Navigation Features

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

## **Distraction Hazard**

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

## **Let Your Judgment Prevail**

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

## **Route Safety**

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

## **Potential Map Inaccuracy**

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

## **Emergency Services**

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

## **Use of Speech Recognition Functions**

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

## FCC Warning

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

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

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

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

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

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

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

MEMO

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MEMO



M7MS6-BD000

# CAR MULTIMEDIA SYSTEM

## QUICK REFERENCE GUIDE

BD6  
(영어 | 캐나다) 표준5

**FORTE**



The Power to Surprise

Thank you for purchasing this multimedia system.

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

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

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

---

## Precaution for safe usage

---

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

- 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.
- 
- 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.



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# Controls and Functions

## Head Unit



| Name |                                                                                                                                                                                       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    |  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 (over 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>                                                                                                                                                                                                                                                                                                                                       |
| 2    |  RADIO                                                                                               | <p>Converts to FM/AM/SiriusXM™ mode</p> <ul style="list-style-type: none"><li>Each time the key is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → FM.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3    |  MEDIA                                                                                             | <p>Moves to MEDIA mode.</p> <ul style="list-style-type: none"><li>If the media is not connected MEDIA mode will not be activated.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4    |  ☆                                                                                                 | <ul style="list-style-type: none"><li>Moves to the function set by the user.</li><li>Press and hold to access the settings screen for the custom button.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5    |  SEEK<br> TRACK | <p>When the key is pressed quickly (less than 0.8 seconds),</p> <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> <p>When the key is pressed and held (over 0.8 seconds),</p> <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 and Bluetooth Audio).</li></ul> |



|    | Name         | Description                                                                                                                                                                                                                          |
|----|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6  | MAP          | Displays the map for the current position.                                                                                                                                                                                           |
| 7  | NAV          | Takes you to the menu screen where you can find your destination and set the route.                                                                                                                                                  |
| 8  | SETUP        | Moves to the Setup screen.                                                                                                                                                                                                           |
| 9  | 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 and Bluetooth Audio).</li> </ul> |
| 10 | RESET        | Resets the system settings. (Preset radio channels and other data will not be deleted)                                                                                                                                               |
| 11 | Touch Screen | For more details, see 'TFT-LCD Specification'.                                                                                                                                                                                       |
| 12 | SD MAP       | SD Card insert slot.                                                                                                                                                                                                                 |

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

# Controls and Functions

## Steering Wheel Controls



| Name |  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    |  | <p>When the key is pressed quickly (less than 0.8 seconds),</p> <ul style="list-style-type: none"><li>• Activates voice recognition.</li></ul> <p>When the key is pressed and held (over 0.8 seconds),</p> <ul style="list-style-type: none"><li>• Ends voice recognition.</li><li>• If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free.</li></ul>                                                                                                                                                                                                                               |
| 2    |  | <ul style="list-style-type: none"><li>• Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → USB or iPod → AUX → Bluetooth Audio → FM.</li><li>•  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 (over 0.8 seconds) to turn the Audio system on/off.</li><li>• When power is off, press button to turn power back on.</li></ul>                                                                                                                  |
| 3    |  | <p>Use to adjust the volume of audio or call.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|      |  | <p>Mutes the audio. (Media will be paused in some media modes.)</p> <p>Mutes the microphone during a call.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4    |  | <p>When the key is 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 mode: changes the track, file or title (except for AUX)</li></ul> <p>When the key is pressed and held (over 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 mode: quickly looks up songs (except for AUX and Bluetooth Audio).</li></ul> |



| Name |                                                                                     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5    |    | <p>When the key is pressed quickly (less than 0.8 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 the key is pressed and held (over 0.8 seconds),</p> <ul style="list-style-type: none"> <li>• When pressed in Bluetooth® Hands-free, redials the last dialed call.</li> <li>• When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private).</li> <li>• When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected).</li> </ul> |
| 6    |  | <ul style="list-style-type: none"> <li>• When pressed during a call, ends the phone call.</li> <li>• When pressed in the incoming call screen, rejects the call.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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

# On-Screen Touch Controls

Learn how to touch the screen to operate the system.

## Select

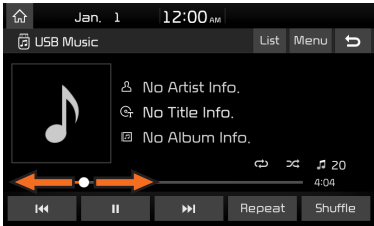
Tap lightly on a menu or an item to select it.

### NOTICE

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

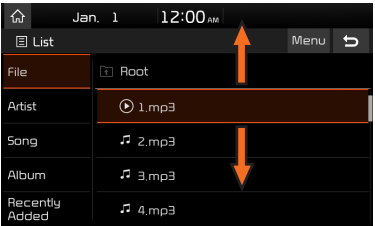
## Drag & Drop

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



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

## Flick (Quick Scrolling)



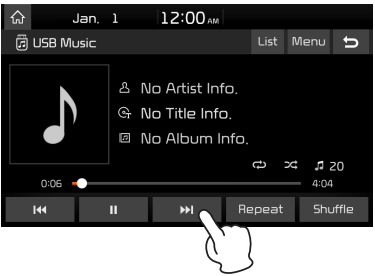
Quickly moves up and down in the list.

### NOTICE

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

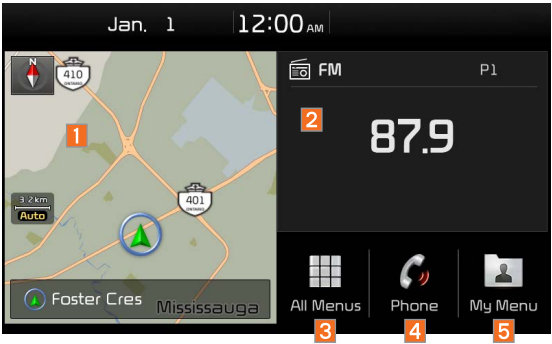
## Select and Hold

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



## 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> All Menus         | Shows all of the items in the system menu.                                                                                                                                               |
| <b>4</b> Phone             | Displays user to phone screen.                                                                                                                                                           |
| <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.                      |
|   | Displays when using LTE data.                                                 |
|  | Voice memo recording.                                                         |

### Information

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

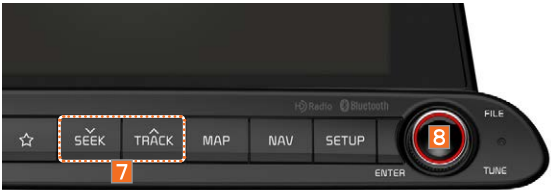
You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu from **All Menus** on the Home screen.



### **i** Information

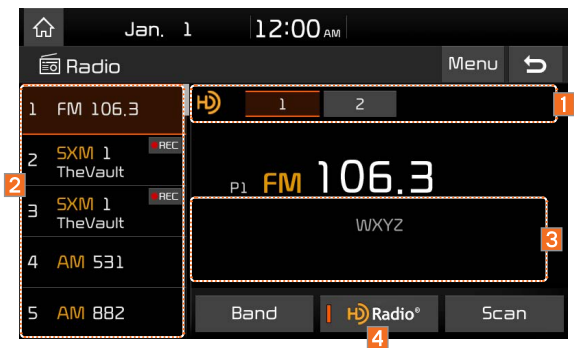
- If you press the **RADIO** key when the power is off, the power will turn on and a radio broadcast will be tuned from the current mode.

| 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>• Delete Presets: Delete saved radio stations from the preset 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.                                                                                                                                                                                                                                                                                                     |



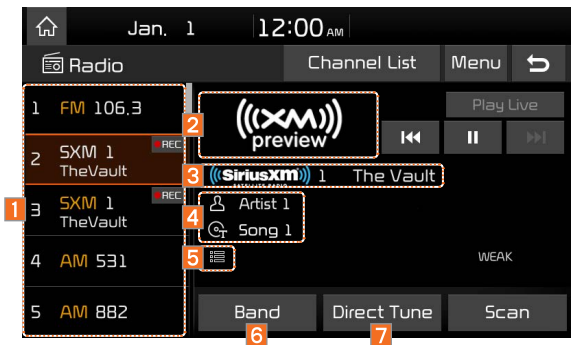
| Features            | Description                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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™



| 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.                                                                                    |

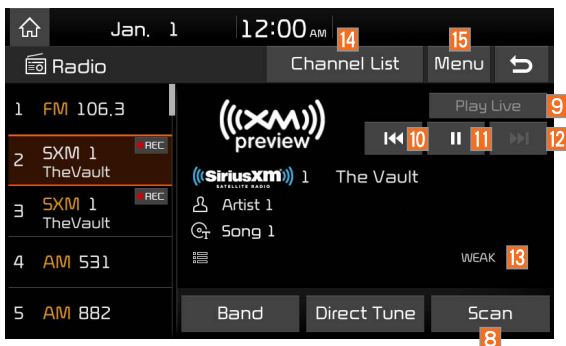
You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from **All Menus** on the Home screen. Select the SiriusXM™ band from the radio player.



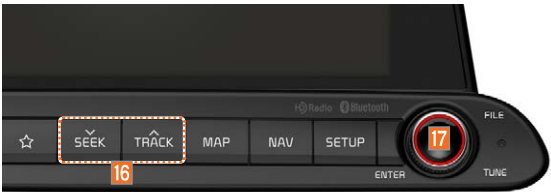
**i Information**

- 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                                                                                                                                                                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> 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 over 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button.</li></ul> |
| <b>2</b> Channel Logo       | Displays the current channel logo.                                                                                                                                                                                                                                                     |
| <b>3</b> Channel Info       | Displays the current channel number and name.                                                                                                                                                                                                                                          |
| <b>4</b> Content Info       | Displays the artist, title and other information about the current playing song.                                                                                                                                                                                                       |
| <b>5</b> Category Info      | Displays the category of the currently playing song.                                                                                                                                                                                                                                   |
| <b>6</b> Band               | Changes to the desired band from among FM, AM, and SiriusXM™.                                                                                                                                                                                                                          |
| <b>7</b> Direct Tune        | Used to search for the desired channel by entering the channel number.                                                                                                                                                                                                                 |



| Features         | Description                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8 Scan           | Plays all receivable channels for 5 seconds per item.                                                                                                                                                                                                                                                                                                                                                                                   |
| 9 Play Live      | Switches to the live broadcast mode.                                                                                                                                                                                                                                                                                                                                                                                                    |
| 10 Skip Backward | Repeats the previously broadcasted program. <ul style="list-style-type: none"> <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.                                                                                                                                                                                                                                                                                                                                                                                                              |
| 13 Weak Signal   | Displays the weak radio reception.                                                                                                                                                                                                                                                                                                                                                                                                      |
| 14 Channel List  | Moves to the channel list.                                                                                                                                                                                                                                                                                                                                                                                                              |
| 15 Menu          | <ul style="list-style-type: none"> <li>• Delete Presets: Delete saved radio stations from the preset list.</li> <li>• What is on My Presets? The program schedule saved in my preset. (For more details, see Section 2.9. Viewing Menu.)</li> <li>• Featured Favorites: Theme channels recommended by SiriusXM™. (For more details, see Section 2.10. Viewing Menu.)</li> <li>• Sound Settings: Moves to the Sound Settings.</li> </ul> |

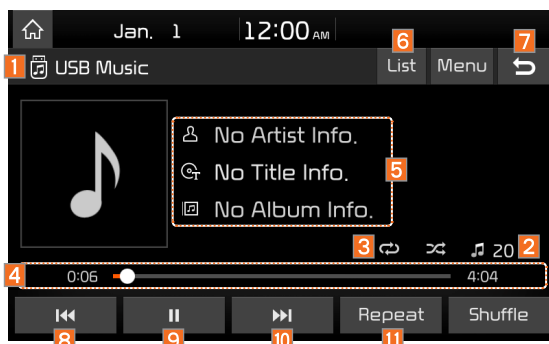


| Features             | Description                                                                                                                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.                                                                                                                                                                                                                                                                                 |

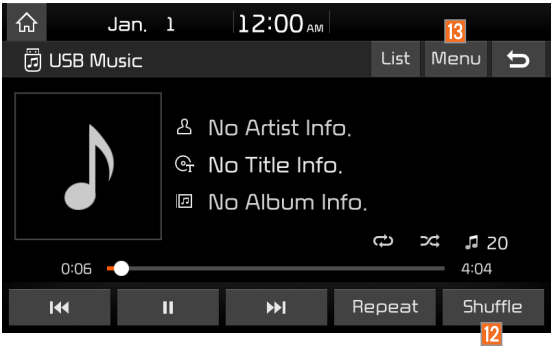
**i Information**

- 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.

## USB Music



| Features                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> Mode            | Displays the current operating mode.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>2</b> Number of files | Number of files on the current playlist.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <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.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <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 | <p>Plays files in random order.</p> <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><li><i>i</i> This function is only supported when USB format is compatible with FAT16 or FAT32.</li><li>• Sound Settings: Moves to the Sound Settings.</li></ul>                                                                                                                                                                                                                        |
| 14 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><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.</p> |

## 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.

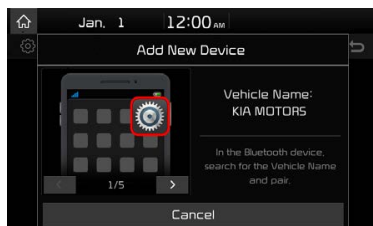
Only one Bluetooth device can be connected at a time.

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

Select  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

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



The default passkey is 0000.

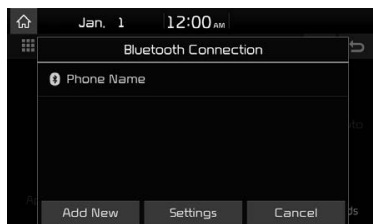
The vehicle name above is an example. Check the actual information on the product.

### Connecting Bluetooth Devices

Connects the Bluetooth devices that you add.

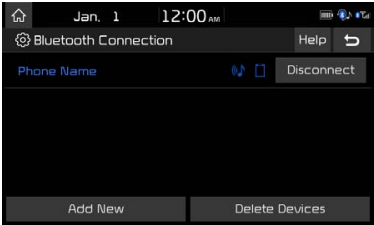
### Connecting Devices by Selecting Phone/Call

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

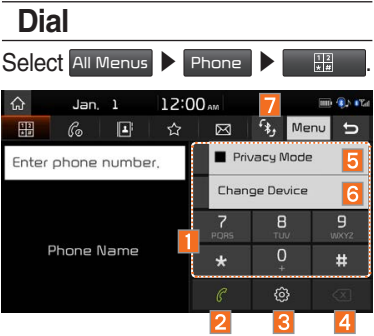


## Connecting Devices Through the Phone Settings

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



## Bluetooth Phone

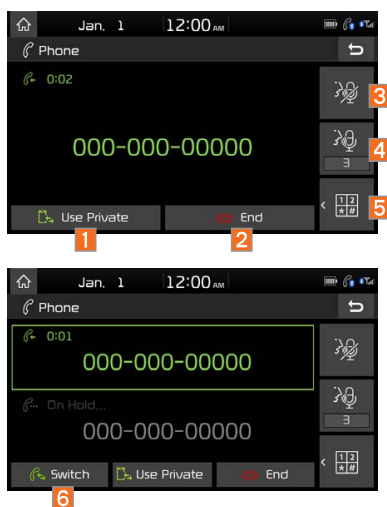


| Name                               | Description                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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> Privacy Mode              | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.                                                                                                                                                                                                                    |
| <b>6</b> Change<br><b>7</b> Device | Search for and connect another Bluetooth device.                                                                                                                                                                                                                                                                                             |

### **i** Information

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

## Using the Menu During a Phone Call



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

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

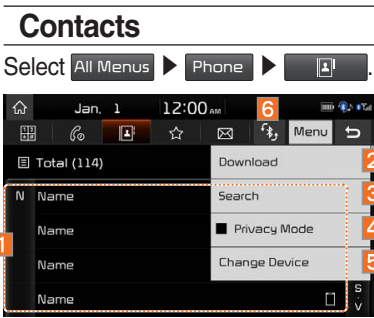
### Call History

Select **All Menus** ▶ **Phone** ▶

1 All  
2 Dialed  
3 Received  
4 Missed

5 Call History  
6 Download  
7 Privacy Mode  
8 Change Device  
9 Bluetooth icon

| 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> Privacy Mode              | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| <b>8</b> Change<br><b>9</b> Device | Search for and connect another Bluetooth device.                                                                          |



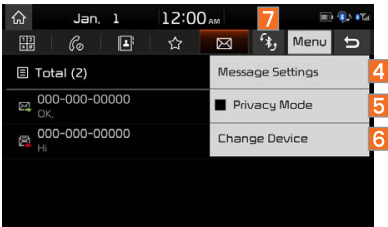
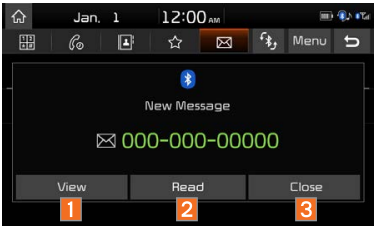
| Name                   | Description                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <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> Privacy Mode  | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| <b>5</b> Change Device | Search for and connect another Bluetooth device.                                                                          |



| 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> Privacy Mode  | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| <b>5</b> Change Device | Search for and connect another Bluetooth device.                                                                          |

## Viewing a new message

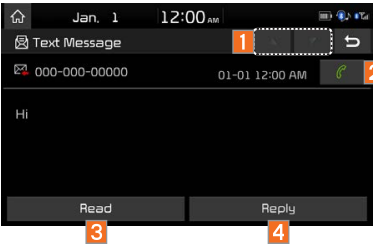
When you receive a message, a new message notification appears.



| 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> Privacy Mode              | Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed. |
| <b>7</b> Change<br><b>8</b> Device | Search for and connect another Bluetooth device.                                                                          |

## 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.
    - If the message notification setting is disabled or the option for viewing content on the lock screen is disabled, message will not be received by your system.
-

## 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 (USB or iPod, etc.) is connected or disconnected
  - 3) The front or rear view camera is operated (optional)
  - 4) The car engine starts or stops
  - 5) A system key, such as **RADIO** key or **MEDIA** key is selected
4. The microphone that recognizes your voice is located over the head part in the driver's seat. 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 (over 0.8 seconds) the  key on the steering wheel control to end voice recognition.

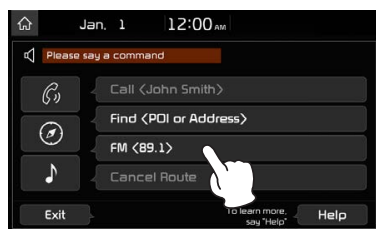


# Voice Recognition

## Quick Run of Voice Recognition (Manual Mode)

Usually, you are supposed to say a command to execute the desired operation after the voice guidance. However, it takes a little time to wait for the voice guidance. If you would like to activate the desired operation more quickly, you can just touch the commands displayed on the screen.

This feature is useful when you feel the voice guidance is too long or voice commands do not work as you desired.



## Skipping Prompt Messages

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

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

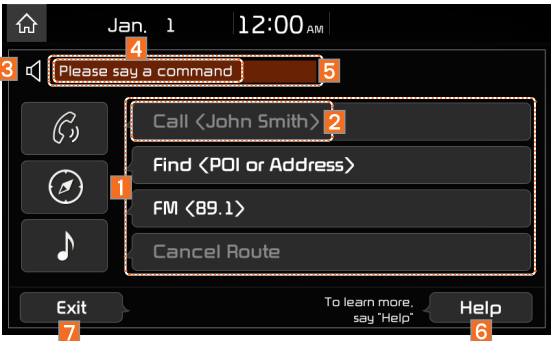
### **i** Information

- Refer to Part 9 for instructions on how to change the Voice Recognition Settings.



# Voice Recognition Screen Overview

## Start Screen



| Name                                      | Description                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Representative Commands                 | Displays frequently used commands.                                                                                                                                                                                                                                                                          |
| 2 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.                                                                                                    |
| 3 Voice recognition status icons          |  Standby<br> Voice guidance<br> Voice command process |
| 4 Recognized results                      | Displays the voice recognition result.                                                                                                                                                                                                                                                                      |
| 5 User's speaking volume being recognized | Displays the voice command level real time as it is being spoken.                                                                                                                                                                                                                                           |
| 6 Help                                    | Displays all available help commands in a tree format.                                                                                                                                                                                                                                                      |
| 7 Exit                                    | Ends the voice recognition.                                                                                                                                                                                                                                                                                 |

## Voice Commands

---

### Types of Commands

---

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

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

---

### Call Commands

---

\* Check the following before using call commands:

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

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

## Navigation Commands

\* Check the following before you use navigation commands:

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

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

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

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

| Command |                           | Operation                                                                                                                                                                                                                                                                                  |
|---------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ●       | Find Address in <State>   | <ul style="list-style-type: none"><li>• Finds the address in &lt;State&gt; and sets it as the destination.<br/>e.g.) Find Address in California</li><li>• To find an address, you should say “House Number → Street → City”.<br/>e.g.) 300 (Three Zero Zero) Main Street, Almond</li></ul> |
| ●       | Find <POI>                | Immediately finds <POI>. For detail of <POI>, see “Find <POI>” list.<br>e.g.) Find “Banks”                                                                                                                                                                                                 |
| ●       | Frequently Visited Points | You can select a location from the list of your frequently visited points. Say the number of the location you want.                                                                                                                                                                        |
| ●       | Address Book              | Access the address book screen.                                                                                                                                                                                                                                                            |
| ●       | Previous Points           | Displays a list combining Previous Destinations, Frequently Visited Points, and Previous Starting Points all together. You can then set a destination by saying the list number.                                                                                                           |
| ●       | Previous Destinations     | Displays a list of recent destinations that you can return to by saying the number in the list.                                                                                                                                                                                            |
| ●       | Previous Starting Points  | Displays a list of recent starting points that you can return to by saying the number in the list.                                                                                                                                                                                         |
| ●       | Traffic Information       | Moves to the Traffic Information menu screen.                                                                                                                                                                                                                                              |
| ●       | Go Home                   | Set the destination to your home.<br>Your home must first be set in the Navigation system.                                                                                                                                                                                                 |
| ●       | Go to Work                | Set the destination to your work/office.<br>Your work/office must first be set in the Navigation system.                                                                                                                                                                                   |

| Command |                         | Operation                                                                                                                                         |
|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| ●       | Change Home             | You can change the location saved as your home.                                                                                                   |
| ●       | Change Work             | You can change the location saved as your work.                                                                                                   |
| ●       | Pause Route             | Pause the navigation guidance.                                                                                                                    |
| ●       | Resume Route            | Resume the navigation guidance.                                                                                                                   |
| ●       | Turn Guidance On        | Turns on the voice guidance system.                                                                                                               |
| ●       | Turn Guidance Off       | Turns off the voice guidance system.                                                                                                              |
| ●       | Zoom In                 | Zooms in on the navigation map.                                                                                                                   |
| ●       | Zoom Out                | Zooms out from the navigation map.                                                                                                                |
| ●       | Cancel Route            | Cancels the route to the fixed destination and exits guidance.                                                                                    |
| ●       | Destination Information | Tells you the remaining distance and time to your destination.                                                                                    |
| ●       | Route Options           | Moves to the Route Options menu screen.                                                                                                           |
| ●       | Emergency Services      | Displays a list of nearest Police Station, Hospital, Dealership, or Road Assistance.<br>You can then set a destination by saying the list number. |
| ●       | Police Stations         | Displays a list of the nearest police stations.<br>You can then set a destination by saying the list number.                                      |
| ●       | Hospitals               | Displays a list of the nearest hospitals.<br>You can then set a destination by saying the list number.                                            |
| ●       | Dealerships             | Displays a list of the nearest car dealerships.<br>You can then set a destination by saying the list number.                                      |
| ●       | Road Assistance         | Displays a list of the nearest road assistance locations.<br>You can then set a destination by saying the list number.                            |
| ●       | Show Route              | Displays a map overview of the entire route to your destination.                                                                                  |

## Radio Commands

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

---

## Other Commands List

### (Commands used in List/Help)

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| Command |                              | Operation                                                                                                                                                                          |
|---------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ●       | Help                         | Moves to the voice recognition help screen.<br>All available commands can then be identified and used.                                                                             |
| ○       | Line 1 to 4<br>(One to Four) | When you cannot select a certain name, you can select it using numbers.<br>Simple numbers can be recognized, such as “One” or “Two”.                                               |
| ○       | Yes/No                       | When voice recognition is activated, this command is used when an answer is requested for a confirmation question.                                                                 |
| ○       | Previous/Next                | When four or more searched items are listed, you can move to the previous or next page using a voice command.                                                                      |
| ○       | Manual Input                 | When Dial entry results are displayed, this command is used to search manually, rather than to search with a voice command.<br>Voice recognition stops after this command is used. |
| ○       | Go Back                      | Moves to the previous screen.                                                                                                                                                      |
| ●       | Exit                         | Ends the voice recognition.                                                                                                                                                        |

## Siri Eyes Free

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### How to start Siri

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If you want to use Siri, you have to connect your iOS device to Multimedia system through Bluetooth. (Please check whether your iOS device supports Siri and turning Siri On)

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

---

### How to use Siri

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



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### Information

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- Functions and feedbacks from voice commands via Siri are executed in iOS device. If iOS version changed, functions and feedbacks can be changed according to iOS device.
-

## About Pairing Mobile Phones

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

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

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

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

**Q** What is a Passkey?

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

The initial passkey is 0000. You can change it with **SETUP** ► **Bluetooth** ► **Bluetooth System Info** ► **Passkey** menu options.

---

## About Making/Answering Phone Calls

---

**Q** How can I answer a call?

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

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

**A** While are a call, press and hold (over 0.8 seconds) the  key on the steering wheel control or press the **Use Private** button at the bottom of the Phone screen to switch the call to your mobile phone.

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## About *Bluetooth*® Wireless Technology/ Multimedia System Use Environment

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

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

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

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

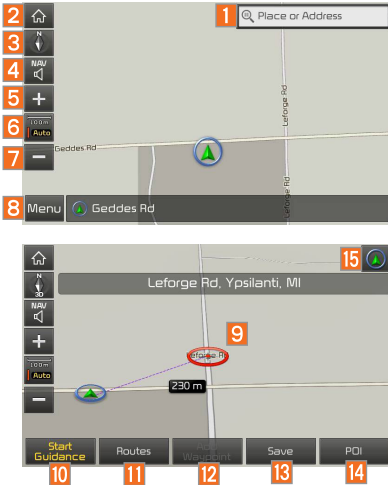
**Q** Why is call quality sometimes poor?

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

## Basic Features

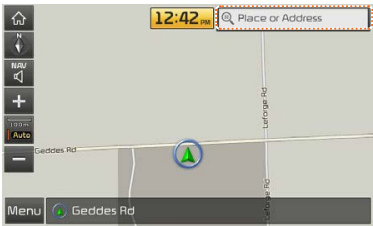
### Operating Navigation Screen

Basic features on the map screen.

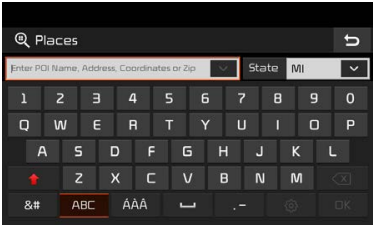


| Name | Description                                                 |
|------|-------------------------------------------------------------|
| 1    | Move to Places Menu.                                        |
| 2    | Go to the Home screen.                                      |
| 3    | Change the 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”.



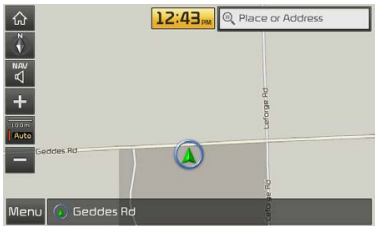
Please refer to “Places” in “Destination Search” for more details.

## Changing Map View

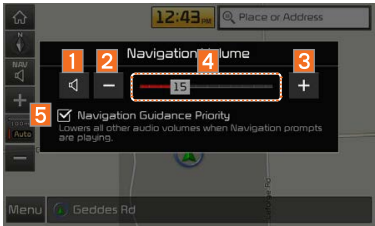


Touch the compass arrow icon to toggle between a map oriented to the North, oriented parallel to the vehicle’s heading and 3D View.

## Navigation Volume



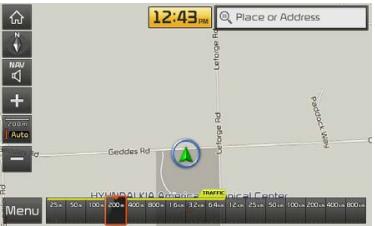
Select the  button to adjust the navigation volume.



| 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

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



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

# Navigation

## Quick Menu

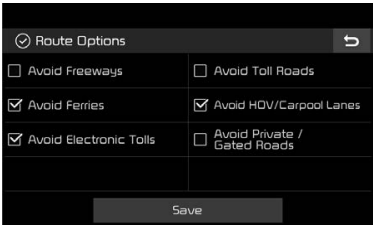
### Route

Select the **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

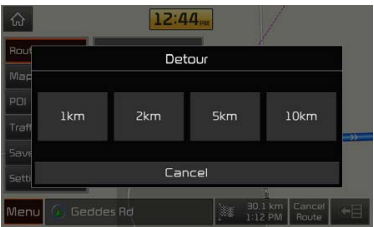


Select your preferred route and avoid options. Then select the **Save** button to save your selection. These options will become default for future routes.

### Detour



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



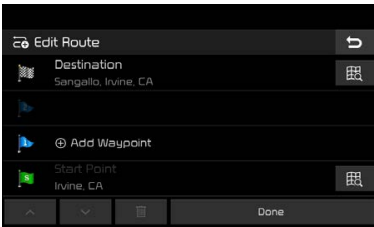
Selected distance is detoured from the current location.

Edit Route



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

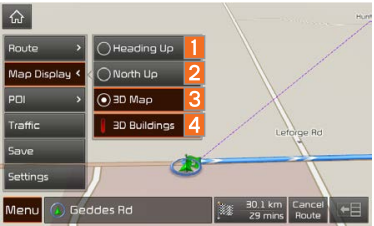
Refer to the Route > Editing Route section in the manual for more information (page 5-27).



Map Display

Displays the direction of the map.

Press **N**, **N**, or **N**.

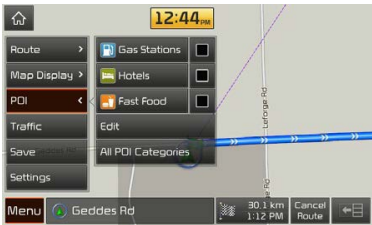


| Name                       | Description                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------|
| 1 <b>N</b> Heading Up (2D) | Displays always shows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

## POI

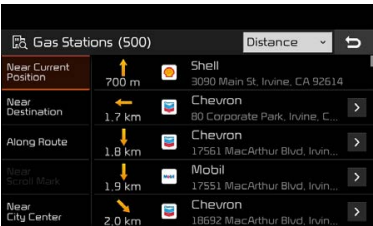
Select the **Menu** button on the bottom of the left screen. ► Select the **POI** button.

### View Nearby POIs

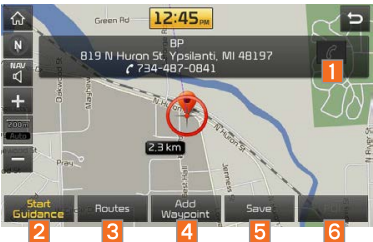


Select ☒ check button to set whether to show nearby POIs or not. When categories are selected, they will appear on the map. (ex. Gas Stations)

The lists of nearby gas stations are displayed.



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



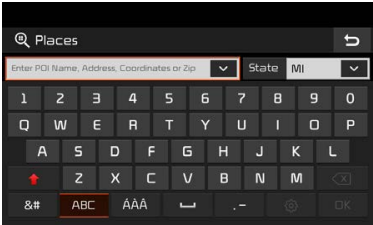
| Name                                                                                         | Description                                                                |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|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

# Destination Search

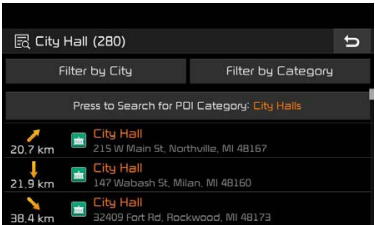
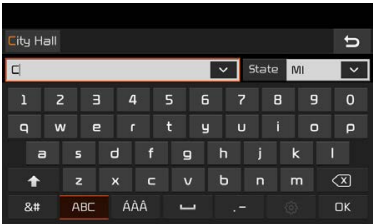
## Places

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

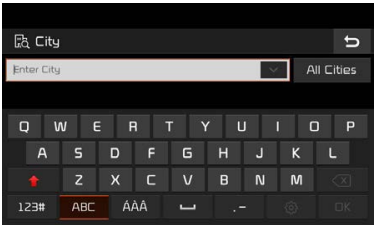
Press the **NAV** head unit key. ▶  
Select the **Destination** tab. ▶ Select the **Place or Address** Search Bar.



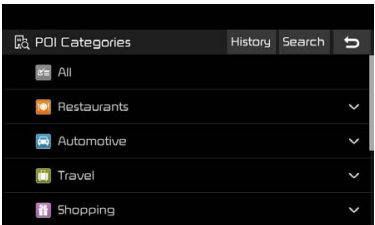
Enter the POI Name, Address and Coordinates of the location you want in the input window above, and press the **OK** button.



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



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



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



Once the destination has been identified either by POI name, address, or coordinates, the map screen will be displayed.

From this screen you can set the destination or add a waypoint, or add the displayed destination to your address book.

## Address

Set destination by address search.

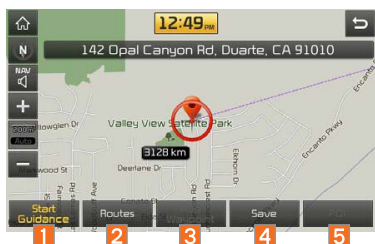
Press the **NAV** head unit key. ►  
Select the **Destination** tab. ► Select the **Address** icon.



## How to Search Address

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

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



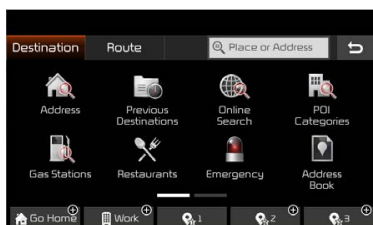
Enter the address to check the location information on the map.

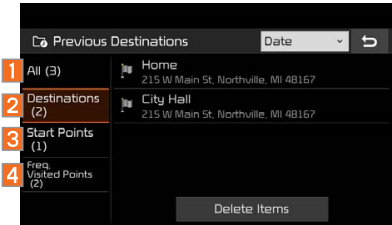
| Name             | Description                                                 |
|------------------|-------------------------------------------------------------|
| 1 Start Guidance | Start the preferred navigation route to selected location.  |
| 2 Routes         | Choose the preferred navigation 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.

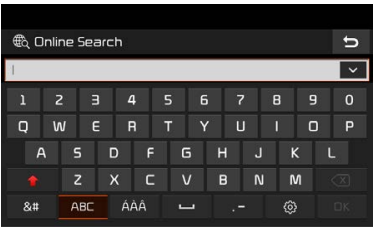
| Name                   | Description                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|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

## Online Search

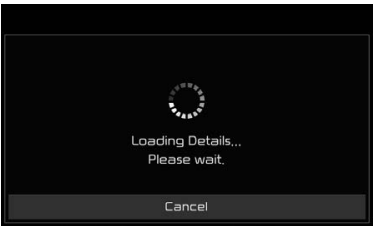
Press the **NAV** head unit key. ►  
Select the **Destination** tab. ► Select the **Online Search** icon.



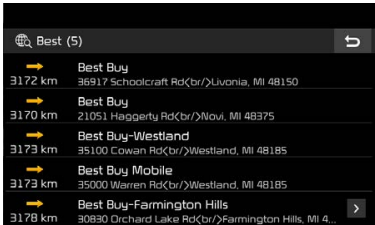
Runs Online Search



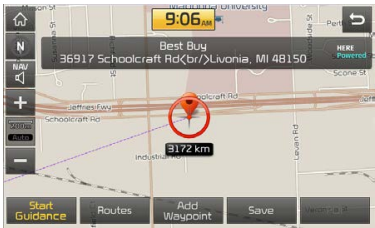
Enter the desired keywords and press the **OK** button.



Searching is in progress.



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

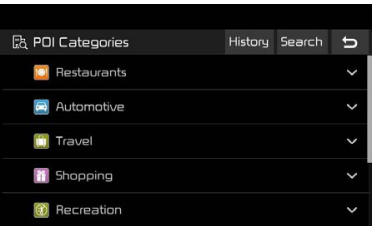


Press the **Start Guidance** button to start guidance.

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

# POI Categories

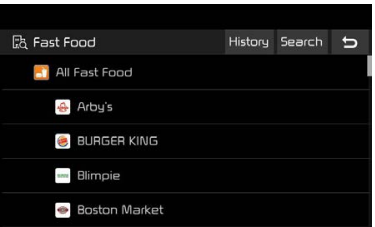
Press the **NAV** head unit key. ▶ Select the **Destination** tab. ▶ Select the **POI Categories** icon.

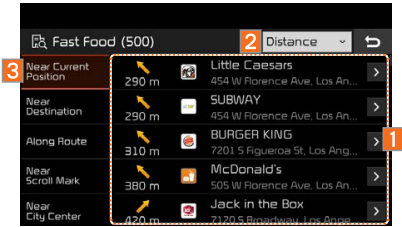


Select the desired item.



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. |

## Gas Stations

Search for gas stations.

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

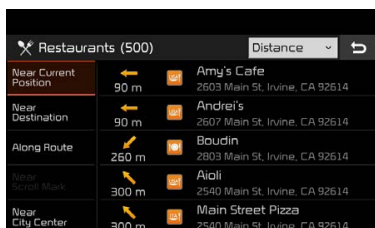
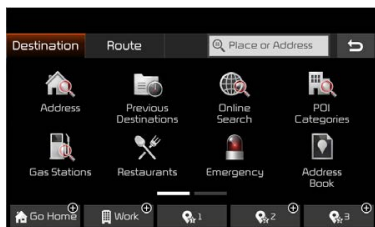


Select the desired destinations among the search items.

## Restaurants

Search restaurants.

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

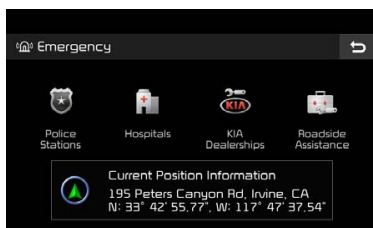
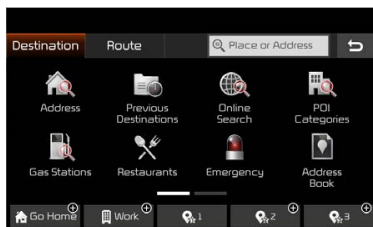


Select the desired destination  
among the searched items.

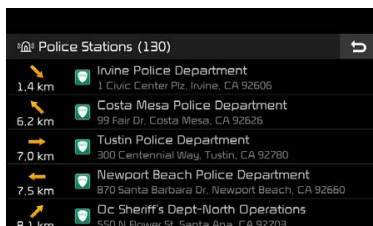
## Emergency

Search emergency facilities.

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



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

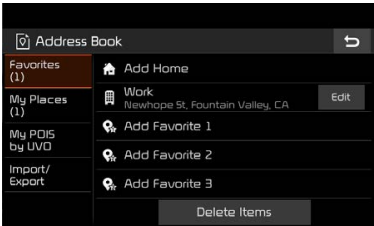


Select the desired destination  
among the searched items.

## Address Book

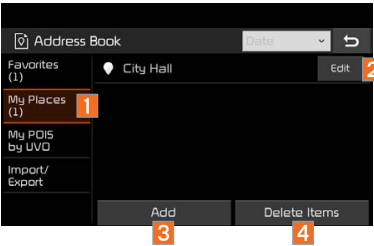
Search the destination with the address book.

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.                                |

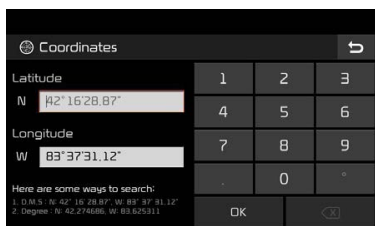
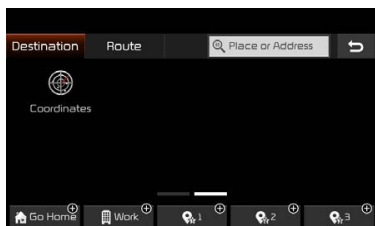
## Import or Export your Address Book data



You can import or export Address Book data from, or to, USB storage. Select Import/Export in the Address Book menu.

## Coordinates

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



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

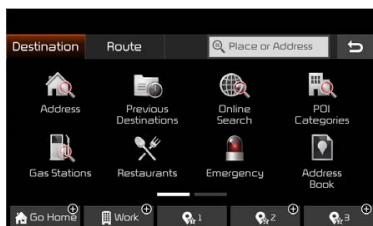


Press the **Start Guidance** button to start guidance.

## Favorite Places

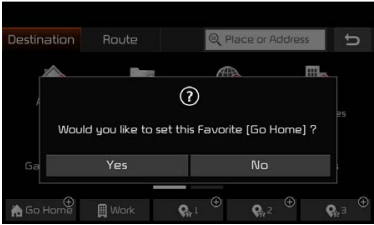
Set the route using your favorite places.

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

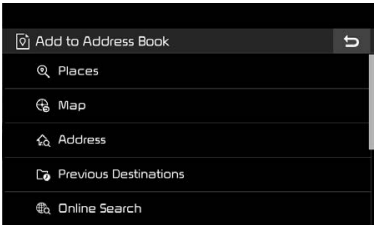


On the button where locations are not registered, the **+** icon is displayed. When a location is registered, the **+** button disappears and the buttons 1 to 3 are displayed as your favorite places.

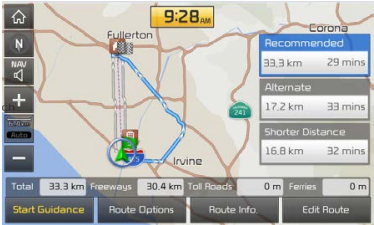
# Navigation



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



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



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

## Route Setting

The route can be set after searching for a destination.



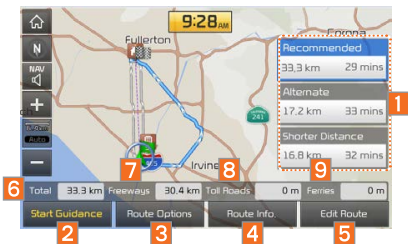
While the destination is set, the buttons **Start Guidance**, **Routes**, and **Add Waypoint** appear.

## 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.

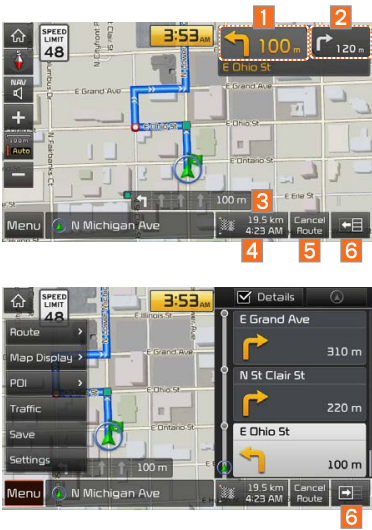
- Recommended: Select the best route based on combine real-time traffic information and traffic pattern data on the map.
- Alternate: Select the best route based on real-time traffic information.
- Shorter Distance: Select short distance, regardless of how fast or slow progress will be calculated.

| Name                                                                                                                                                            | Description                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <div>1<div>Recommended</div><div>33.3 km 29 mins</div><div>Alternate</div><div>17.2 km 33 mins</div><div>Shorter Distance</div><div>16.8 km 32 mins</div></div> | Display total distance, travel time. Select the desired route. |
| <div>2<div>Start Guidance</div></div>                                                                                                                           | Start the guidance with the route.                             |
| <div>3<div>Route Options</div></div>                                                                                                                            | Change the route option.                                       |
| <div>4<div>Route Info.</div></div>                                                                                                                              | You can check route information.                               |
| <div>5<div>Edit Route</div></div>                                                                                                                               | Edit the route.                                                |
| <div>6<div>Total</div></div>                                                                                                                                    | Display total distance of the route.                           |
| <div>7<div>Freeways</div></div>                                                                                                                                 | Display length of freeway on the route.                        |
| <div>8<div>Toll Roads</div></div>                                                                                                                               | Display length of toll road on the route.                      |
| <div>9<div>Ferries</div></div>                                                                                                                                  | Display length of Ferry route on the route.                    |

## Route Guidance

Show route guidance detailed information.

### Route Guidance Screen



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

# Route Search

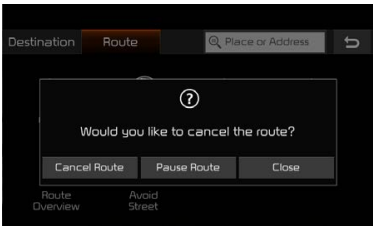
## Canceling Route

Cancel the route.

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



Press the **Cancel Route** icon.



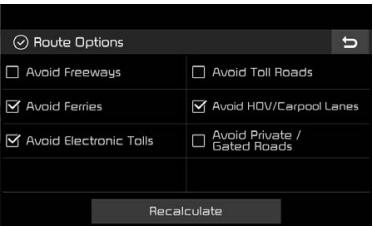
Press the **Cancel Route** button to cancel the route.

## 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.

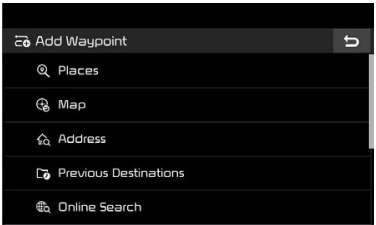
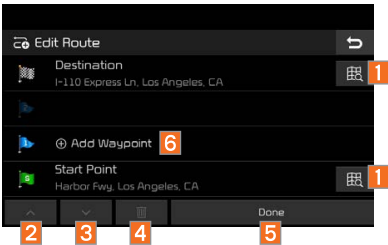
## Editing Route

Edit the current route.

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



Press the **Edit Route** icon.

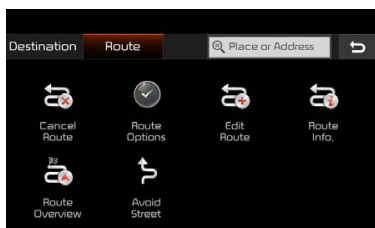


Add the waypoint through various searching methods.

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

## Display Route Information

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



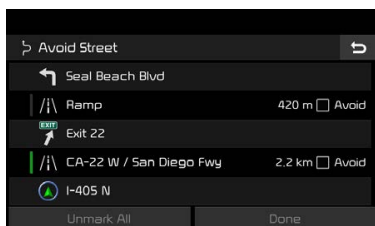
Press the **Route Info.** icon.



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

## Avoiding a road

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

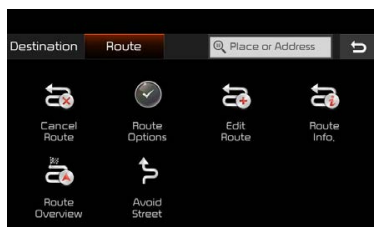


Check the desired item and press the **Done** button to finish.

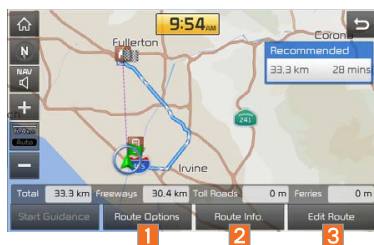
## Route Overview

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

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



Press the **Route Overview** icon.



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

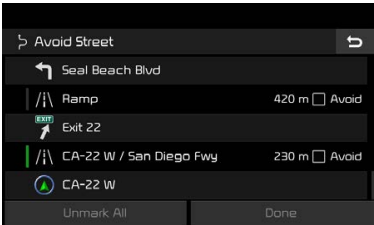
## Avoid Street

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



# MEMO

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