

B2END08



B2MS7-G0001

CAR MULTIMEDIA SYSTEM | USER'S MANUAL

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KIA MOTORS
The Power to Surprise™



Thank you for purchasing this multimedia system.

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

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



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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.
- 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.
- 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.
- Set the volume to a level which allows the driver to be aware of external conditions.

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

WARNING

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

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

- 24-hour Roadside Assistance is a service plan provided by Kia Motors America, Inc. Certain limitations apply. Coverage details are available in the Kia Warranty and Consumer Information Manual. For access to Enhanced Roadside Assistance, a connected mobile phone via Bluetooth within the cellular service coverage area is required.
- Vehicle Diagnostics do not take the place of regularly scheduled maintenance. Feature checks powertrain, chassis, and airbag systems only. For factory-recommended maintenance schedule, see the Maintenance Feature of UVO eServices or the Owner's Manual.
- App Store is a service mark of Apple Inc. No charge for the UVO eServices app. App runs on your smartphone cellular data service. Normal data rates will apply.
- HD Radio™ and the HD Radio™ logo are proprietary trademarks of iBiquity Digital Corporation.

Read the following safety cautions for your safety.

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

- ※ The design and specification of this product may change without prior notification for product improvement.
- ※ For more information on open licenses and legal notices, refer to the website below.
http://www.mobiszone.co.kr/front/mall/jsp/manual/avn_download_center_manual.jsp

Notations used within this User's Manual

WARNING

- Failure to observe the instructions within this category could result in damage to the vehicle.

CAUTION

- Information on matters that could potentially lead to injury or vehicle damage/malfunction Information that could lead to higher user safety

Information

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

NOTICE

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

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CAUTIONS upon 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.
 - ※ When an SD Card with the new version is inserted, then system update will occur automatically

• Usage of SD Cards

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

iPod®

iPod® is a registered trademark of Apple Inc.

Bluetooth® Wireless Technology

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01

part.1 Basic

Warnings and Cautions

Key Product Features

Component Names and Functions

Starting the System for the First Time

Safety Warnings

- Even when receiving route guidance from the Navigation system, please abide by actual traffic and road regulations. Following only the Navigation route guidance may lead to violations of actual traffic and road regulations and lead to traffic accidents.
- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- Do not operate the Navigation system while driving, such as entering POIs or conducting route searches. Such acts could lead to accidents, fire, or electric shock. Park the vehicle before operating the device.
- Do not disassemble, assemble, or modify the Navigation 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.
- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.
- Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- For most Audio and multimedia modes, the display will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen.(The screen will only operate when the parking brake is ON for manual transmission vehicles and when the parking brake is ON or the gearshift is in the P (PARK) position for automatic.)
- Some functions other than the one mentioned above cannot be used while driving. These functions operate only when the vehicle is parked.

Safety Cautions

Pay attention to traffic conditions while driving.

- In some instances, the navigation may provide guidance through re-stricted areas.
- Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device. In addition, the touch screen may not work for some functions when the vehicle is in motion. The touch screen feature will be supported once the vehicle has stopped.
- Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.

- Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable levels before turning off the device.)
- If you want to change the position of device installation, please inquire with your place of purchase or service main-tenance center. Technical expertise is required to install or disassemble the device.
- Turn on the car ignition before using this device. Do not operate the Navigation system for long periods of time with the ignition turned off as such operations may lead to battery discharge.
- Upon using the Navigation 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 3 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 materi-als, chemical cloths, or solvents(alcohol, benzene, thinners, etc.) as such mate-rials may damage the device panel or cause color/quality deterioration. When experiencing product malfunctions, inquire with your place of purchase or service maintenance center.
- Prevent caustic solutions such as per-fume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.

Key Product Features

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

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

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

Component Names and Functions

Head Unit



Name	Description
1 RADIO	Converts to FM/AM/SiriusXM™ mode <ul style="list-style-type: none"> Each time the key is pressed, the mode is changed in order of FM → AM → SiriusXM™ → FM
2 MEDIA	Converts to MEDIA mode <ul style="list-style-type: none"> If the media is not connected or is or CD player not available for Model, Media mode will not be activated. Press this key to move to the last mode that you accessed in Media. Press it once again to display the screen where you can select a Media mode.
3 UVO	Displays the UVO mode
4 SEEK TRACK	When key is pressed shortly. (under 0.8 seconds) <ul style="list-style-type: none"> FM/AM mode : plays previous/next frequency SiriusXM™ mode : plays the previous/next channel MEDIA (USB/iPod/My Music) modes : changes the track, file or chapter (except USB Image and AUX) When key is pressed and held. (over 0.8 seconds) <ul style="list-style-type: none"> FM/AM mode : continuously changes the frequency until the key is released SiriusXM™ mode : continuously changes the channel until the key is released and plays the current channel MEDIA (USB/iPod/My Music) modes : rewinds or fastforwards the track or file (except USB Image, Bluetooth Audio and AUX)
5 MAP VOICE	VOICE Displays the map for the current position
6 NAVI	Moves user to the menu screen where you can find your destination and set the route.

Head Unit



Name	Description
7 PHONE	Takes user to home phone screen
8 INFO	Displays the information mode
9 SETUP	Displays the Setup mode
10 PWR/VOL	<ul style="list-style-type: none">When power is off, press to turn power onWhen power is on, press and hold (over 0.8 seconds) to turn power offWhen power is on, press shortly (under 0.8 seconds) to turn Audio offTurn left/right to control volume
11 TUNE	<ul style="list-style-type: none">In FM/AM mode, changes the frequencyIn SiriusXM™ mode, changes the channelIn USB, iPod, My Music modes, changes the track, file or chapter(except USB Image, Bluetooth Audio and AUX)
12 RESET	Resets the system settings. (Preset radio channels and other data will not be deleted.)
13 SD MAP	SD Card insert slot

Steering Wheel Remote Controller



Name	Description
1 VOLUME	Controls the volume
2 MODE	<ul style="list-style-type: none"> Each time this key is pressed, mode is changed in order of FM → AM → SiriusXM™ → USB Music or iPod → AUX → Bluetooth Audio → My Music If the media is not connected, corresponding modes will be disabled Press and hold the key (over 0.8 seconds) to turn the Audio system on/off When power is off, press the key to turn power back on

Name	Description
3	<p>When keys are pressed shortly. (under 0.8 seconds)</p> <ul style="list-style-type: none"> FM/AM mode : searches broadcast frequencies saved to Presets SiriusXM mode : searches broadcast channels saved to Presets Media(MP3/USB/iPod/My Music) mode : changes the track, file or chapter (except USB Image, Bluetooth Audio and AUX) <p>When keys are pressed and held. (over 0.8 seconds)</p> <ul style="list-style-type: none"> FM/AM Mode : Automatically searches broadcast frequencies SiriusXM™ mode : automatically searches broadcast channels Media mode : Quickly looks up songs (excluding USB images, AUX, and Bluetooth audio files)
4	<p>When pressed shortly. (under 0.8 seconds)</p> <ul style="list-style-type: none"> Activates voice recognition <p>When pressed and held. (over 0.8 seconds)</p> <ul style="list-style-type: none"> Ends voice recognition

Steering Wheel Remote Controller

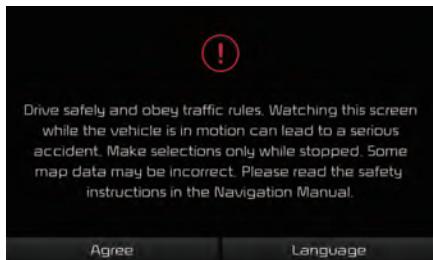


Name	Description
5	 When pressed shortly. (under 1.2 seconds) <ul style="list-style-type: none">• When pressed in the dial screen, makes a call• When pressed in the incoming call screen, answers the call• When pressed during call waiting, switches to waiting call (Call Waiting) When pressed and held.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

Starting the System for the First Time

Turning the System On/Off

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



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

NOTICE

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

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

You can change Screen Saver Settings in Setup to display a clock or another chosen image on the Screen Saver.

Information

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

NOTICE

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

System Reset

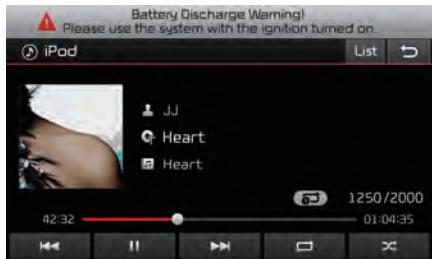
The System Reset function restores the system when it is malfunctioning. Press and hold the **RESET** key for a second or longer. (It is recommended that you press the **RESET** key using a tool, such as a pin or a clip.)

NOTICE

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

Battery Warning Message

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

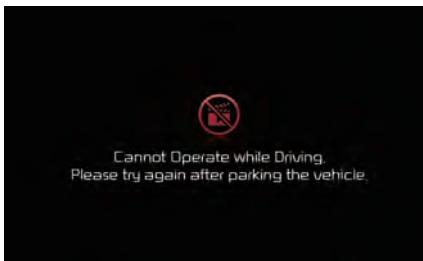


NOTICE

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

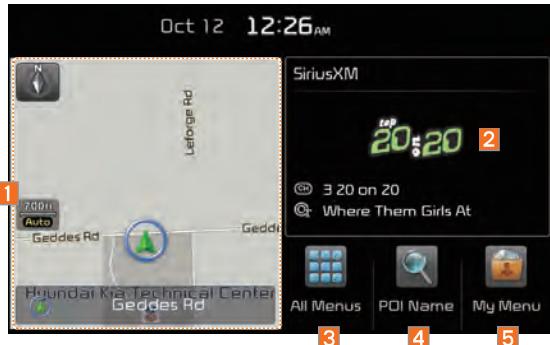
Restrictions on Features for Safety Measures

If you try to use such features as DMB and video modes that distract you from driving, the system turns the screen off or the function will be disabled and then the related warning message will appear. Even when the video is off, the audio player is not affected. 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



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

Information Display on the Status Bar

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

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

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

Adding Your Favorite Menu Items to My Menu

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

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

On the other hand, if you drag items from the left and drop them on the right, they will be deleted from My Menu instead.



i Information

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

On-Screen Touch Controls

Learn how to touch the screen to operate the system.

Select

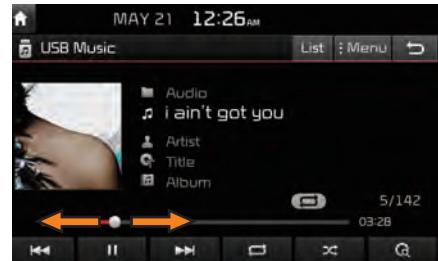
Tap lightly on a menu or an item to select it.

NOTICE

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

Drag & Drop

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



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



Drag the frequency bar to the left or right to move to the frequency that you want.



From the My Menu Settings screen, drag and drop icons to add, delete, or move to/ from My Menu.

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



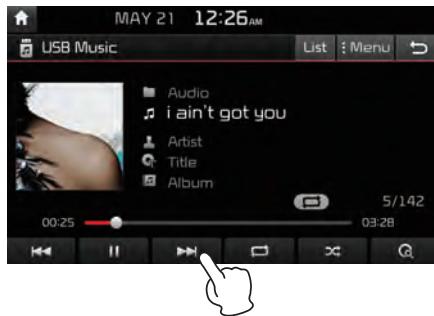
You can view the previous or next image by flicking left/right on an image on the USB Image screen.



Flick left/right on the frequency bar in the radio player to look up the previous/next frequency available.

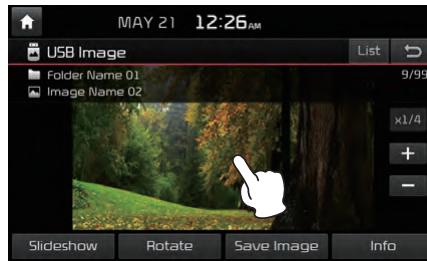
Press and Hold

Pressing the and buttons in the music or video player will fast forward/rewind the music or video.



Zoom In/Out

You can maximize the size of a photo on the USB Image screen by tapping it twice quickly. To minimize the size of the photo, quickly tap it twice again.



02

part.2 About Using AV

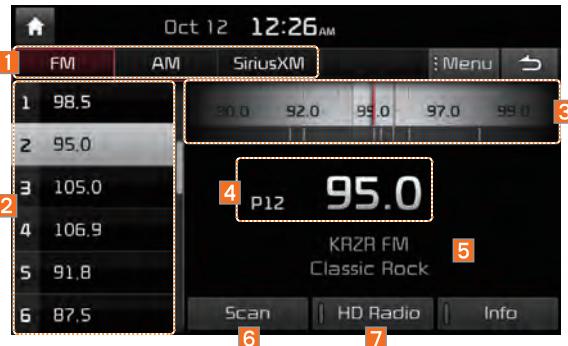
FM/AM Mode
About HD Radio™ Technology
SiriusXM™ Mode
Media Mode
About USB
Bluetooth® Audio Mode

About Using AV

FM/AM Mode

Accessing FM/AM Mode

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



Information

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

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



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

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

About HD Radio™ Technology



Program Service Data :

Contributes to the superior user experience of HD

Radio™ Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.

HD2/HD3

Adjacent traditional main stations are extra local FM

channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.

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.

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

Basic Mode Screen (HD Radio™ reception ON)



Name	Description
1 HDRadio™ Reception & Channel buttons	Displays main HD Radio™ channels and used to directly select the currently available channels As HD Radio™ reception is included within Radio mode, the methods of moving between channels, saving presets, searching, or methods of searching frequencies are identical. However, while the HD Radio™ related icon display will become active when within regions where an HD Radio™ signal can be received.

Name	Description
2 HD Channel Number	HD Channel number saved in preset
3 Broadcast Info	Displays detailed information about the current broadcast
4 HD Radio™ on/off	used to set whether to turn HD Radio™ reception On/Off.

SiriusXM™ Mode

SiriusXM™ Mode Hard Key Controls

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

i Information

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

SiriusXM™ Mode Display Controls



Features	Description
1 Mode Display	Displays currently operating mode. If select wanted mode tap, it will change to selected mode in Radio.
2 Preset	Shows saved presets for user selection After selecting frequency → press and hold (over 0.8 seconds) the preset button. A 'beep' will sound and the frequency is saved to the selected preset button. <small>i A total of 18 frequencies for SiriusXM™ modes can be saved.</small>
3 Channel Logo	Displays the current channel logo
4 Channel Info	Displays the current channel number and name
5 Contents Info	Displays the artist, title and other information-about the current playing song
6 Category Info	Displays the current playing category
7 Scan	Plays all receivable channels for 10 seconds each
8 Direct Tune	Used to search for channels by entering channel numbers
9 Category	If you press Category, when search channels through SEEK, Tune and Scan, search it in the current category.
10 Category Selection Buttons	Used to select the previous/next category



Features	Description
11 Play Live	It will change to listening live broadcast mode.
12 Skip Backward	Repeats the previously broadcasted program. • Holding for less than 2 seconds: Moves to the previous segment. • Holding for less than 0.8 seconds : Moves to the previous segment • Holding for longer than 0.8 seconds: Moves to the previous 5 seconds
13 Play Pause	Pauses/plays the currently broadcasting program.
14 Skip Forward	Moves to the next segment.
15 List	Displays SiriusXM™ Radio Categories/Channel Lists
16 Menu	What's on My Preset? The program schedule saved in my preset. (For more details, see Section 2.5. Viewing Menu.) • Featured Favorite Theme channels recommended by SiriusXM™ . (For more details, see Section 2.5. Viewing Menu.) • Preset Scan Plays preset frequencies for 5 seconds each.
17 SEEK/TRACK	When key is pressed shortly.(under 0.8 seconds) Plays the previous/next channel When key is pressed and held.(over 0.8 seconds) Continuously changes the channel until the key is released and plays the current channel
18 TUNE	Changes the channel

Selecting through Channel/Category List

Press the **List** button ▶ Select the desired category and channel.



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

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

Direct Tune



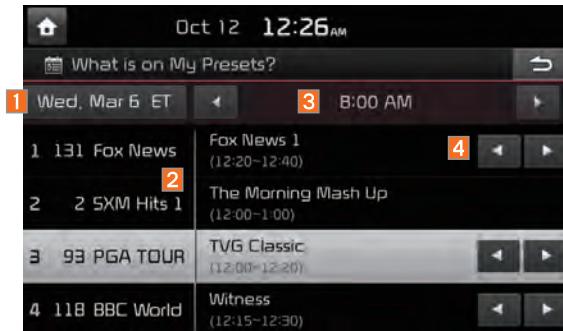
Enter the number of the channel you want to receive.

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's on My Preset? (Program Schedule)



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

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

Featured Favorites



Featured Favorites feature allows SiriusXM™ to broadcast additional pre-sets

- 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

Media Mode

Starting Mode

1. From All Menus, select an icon you want from "Music, Image, AUX" to enter the last mode you used.



2. You can enter the Media mode that you recently used by pressing the Media hard key while in another mode.
3. To go to a different mode after you enter Media mode, press Media and choose the one you want from.



About USB

Before Playing a USB MP3

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

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

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

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



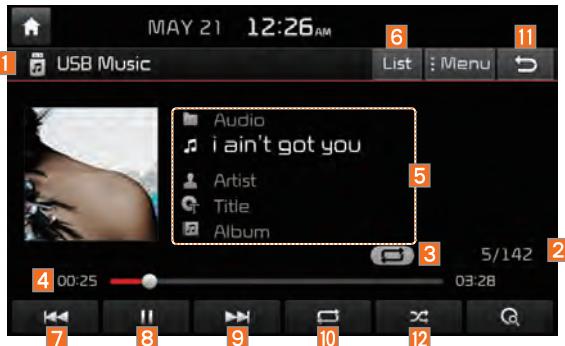
Plug Type Connector

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

Information

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

USB Music



Features	Description
1 Mode	Displays currently operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the information of the current track <ul style="list-style-type: none"> When a track in the file tab on the list screen is selected : Displays folder, file, title, artist, album info When a track in the other tabs on the list screen is selected : Displays artist, title, album info
6 List	Moves to the list screen

Features	Description
7 Previous File	If press button short (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"> If play time is less than 3 seconds, moves to previous file If play time is over than 3 seconds, play the current file from the beginning If press button long (over than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	<ul style="list-style-type: none"> If press button short (less than 0.8 seconds) : Moves to the next file If press button long (over than 0.8 seconds) : It fast-forwards the track
10 Repeat	Repeats the current file <ul style="list-style-type: none"> If select the song in the file tab on the list screen : Press the REPEAT button to switch between repeating one song (1), repeating folder (2), and turning repeat off (3) If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the REPEAT button to switch between repeating one song (1) and turning repeat off (2)
11 Back Button	Converts to basic mode screen
12 Shuffle	Plays files in random order <ul style="list-style-type: none"> If select the song in the file tab on the list screen : Press the SHUFFLE button to switch between Shuffle Folder (1), Shuffle All (2), and turning shuffle off (3) If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the SHUFFLE button to switch between Shuffle Category (1) and turning shuffle off (2)



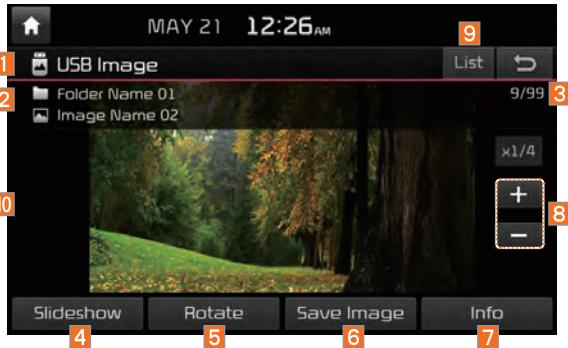
Features	Description
13 Scan	Scans the beginning parts of USB files (approx. 10seconds per file) <ul style="list-style-type: none"> If select the song in the file tab on the list screen : Press the SCAN button to switch between Scan Folder , Scan All , and turning scan off If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the SCAN button to switch between Scan category and turning scan off
14 Menu	<ul style="list-style-type: none"> Add to Playlist: Add the current track to the Playlist Playlist is placed on the left tab in the list Save to My Music: You can save the current track to My Music. You can play saved track from My Music without USB. Access to My Music in the Media mode.
15 SEEK/TRACK	<p>If press button short (less than 0.8 seconds) moves to previous/next file or play the current track from the beginning</p> <ul style="list-style-type: none"> If play time is less than 3 seconds, moves to previous/next file If play time is over than 3 seconds, play the current file from the beginning <p>If press button long (over than 0.8 seconds) it will rewind/fast-forward the track</p>
16 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track.



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

Features	Description
5 Menu	<ul style="list-style-type: none"> • Add to Playlist : Adds the current track to the Playlist: Playlist is placed on the left tab in the list (Maximum 100 files) Select a desired track and press “Add to Playlist” to add the track in the playlist. • Delete from Playlist : Select a track you want to delete from the playlist and press “Delete from Playlist” to delete the track in the playlist • Now Playing : When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
6 Search Menu	<p>Search tracks by the list type. Search songs according to Playlist, Artist, Song, Album, and Genre.</p> <p><i>i</i> If access the search menu while playing a track, it moves to the previous search mode.</p>
7 SEEK/TRACK	<p>If press short (less than 0.8 seconds): Plays previous/next track</p> <ul style="list-style-type: none"> • If play time is less than 3 seconds, moves to previous/next file • If play time is over than 3 seconds, play the current file from the beginning <p>If press long (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track. It will play the track normally if button released.</p>
8 TUNE	Turn the TUNE knob to move the focus to the previous/next list. If the desired track is displayed, press TUNE knob to play the track.

USB Image



Features	Description
1 Mode	Displays currently operating mode
2 Folder Name	Displays folder name where image is located
3 File Index	Shows the current file/total files within the USB
4 Slideshow	images as slideshow in 5, 10, 20, 30 second intervals
5 Rotate	Rotate image in clockwise direction
6 Save Image	image as frame screen displayed when the system power is turned off
7 Info	Shows the file name, resolution and file type of current image
8 Adjust Image Size	Enlarge/reduce (zoom-in/zoom-out) image size
9 List	Moves to the list screen
10 Previous/ Next Image, Enlarge/ Reduce Image	<ul style="list-style-type: none">• Swipe image left or right to see previous/next image• Maximum Image : Touch the screen twice quickly• Minimum Image : Touch the maximum screen twice quickly



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

About iPod

Using iPod Devices

- iPod is a registered trademark of Apple Inc.
- iPod mode will not operate if the connected iPod cannot be recognized due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate with the Navigation 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 Navigation 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 Navigation System with USB cable in short time, it may cause malfunction.
- The time for recognition of iPod/iPhone may vary depending on device type, firmware version and iOS version.
- For some iPod Touch and iPhone devices, connecting Bluetooth® while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth® support are connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to BT. (Bluetooth® Module)
- To prevent this symptom, Bluetooth Audio function in the Navigation 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.)**

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

Caution

- 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 Navigation system and Apple device. Reset the device or delete the same songs in the Apple device using iTunes.

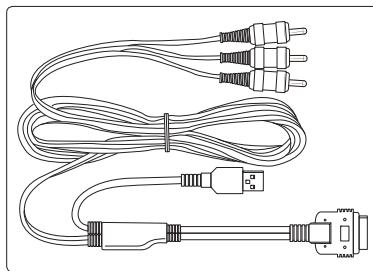
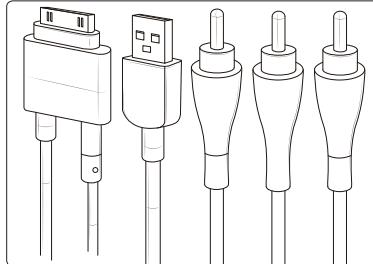
- If you control pause, repeat, shuffle, or seek songs when the play time is when the play time is less than 3s before finished playing, it may occur difference of playing song between the Navigation system and Apple device. Access to iPod music from another mode or pause a song and then play a song again in Apple device.
- We recommend that your Apple device uses the latest firmware since some problems may occur due to an outdated firmware or a product defect.

Type	1G	2G	3G	4G	5G	6G	6.5G	7G		
iPod Mini	Not Supported									
iPod shuffle	Not Supported									
iPod Nano	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Not released	<input type="radio"/>		
iPod Touch	<input type="radio"/> (OS1.1 not supported)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Not released				
iPad	<input type="radio"/> (Unable to charge, Not verified, Normal working not guaranteed)									
iPad Mini	<input type="radio"/> (Unable to charge, Not verified, Normal working not guaranteed)									
iPod Classic	Not Supported			<input type="radio"/> (Pod with Video)	<input type="radio"/> (iPod Classic)	<input type="radio"/> (iPod Classic)	Not released			
Type	3G	3GS	4G	4GS	5G					
iPhone	Not verified, Normal working not guaranteed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					

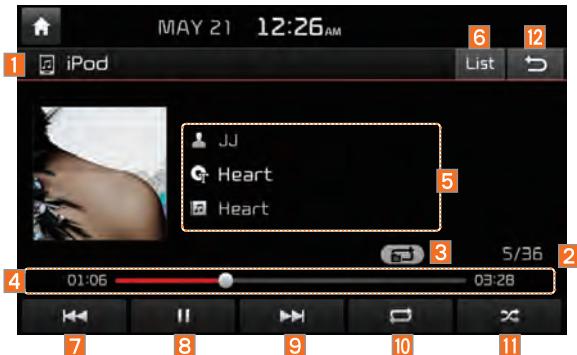
Caution

- If the iPhone/iPod Touch supports Bluetooth, it is unable to use Bluetooth Audio if the Apple device that is connected to the Navigation system through both USB connection and Bluetooth. Disconnect the USB connection then use Bluetooth Audio
- If iPod/iPhone connected to the Navigation 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 Navigation system, it may occur sound will not output in iPod mode due to iPod/iPhone's feature. Especially, if you use AUX cable like pictures, this problem may occur.
- Disconnect AUX cable from iPod/iPhone first, then connect to the Navigation system via USB. Or change settings to "Dock" in iPod/iPhone.

- If connect to the Navigation 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 Navigation system when downloading finished or the file deleted.
- If connect to the Navigation 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)
- In the case of iPhone and iPod Touch products, normal operation is guaranteed for versions earlier than iOS 6.1.4. However, in iOS 7 version, normal operation is not verified. When iOS 7 is officially released in the future, versions later than iOS 6.1.4 will be supported with software updates.



iPod



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

Features	Description
7 Previous File	If press button short (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"> • If play time is less than 3 seconds, moves to previous file • If play time is over than 3 seconds, play the current file from the beginning If press button long (over than 0.8 seconds) it rewinds the track.
8 Play/Pause	Plays/pauses the current file
9 Next File	<ul style="list-style-type: none"> • If press button short(less than 0.8 seconds), Moves to the next file • If press button long(over than 0.8 seconds), it does fast-forward the track.
10 Repeat	Repeats the current file Press the REPEAT button to switch between repeating 1 track and turning repeat off
11 Shuffle	<ul style="list-style-type: none"> Plays files in random order When pressing shuffle button, it changes to shuffle category → deactivate shuffle then repeat • Shuffle Category: Shuffle song in the current category
12 Back Button	Move to home/previous mode screen



Features	Description
13 SEEK/TRACK	<p>If press button short (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning</p> <ul style="list-style-type: none"> • If play time is less than 3 seconds, moves to previous/next file • If play time is over than 3 seconds, plays the current file from the beginning <p>If press button long (over than 0.8 seconds) it will rewind/fast-forward the track</p>
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> If the TUNE knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.</p>



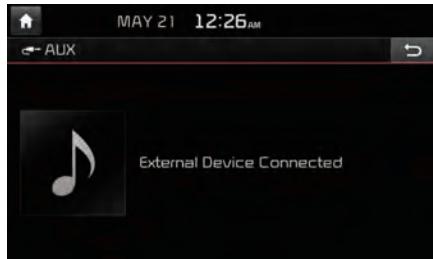
Features	Description
1 Category Name	Displays the category name
2 Category List	Displays the contents of selected category <i>i</i> If there are many items in the list, items are added in order and the scroll bar on the right is adjusted accordingly.
3 Back Button	Converts to basic mode screen
4 Upper Folder	Moves to Upper Folder
5 Search Menu	Search tracks by the list type. Search songs according to Playlist, Artist, Song, Album, and Genre. <i>i</i> If access the search menu while playing a track, it moves to the previous search mode.
6 SEEK/TRACK	If press button short (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning <ul style="list-style-type: none"> • If play time is less than 3 seconds, moves to previous/next file • If play time is over than 3 seconds, plays the current file from the beginning If press button long (over than 0.8 seconds) it will rewind/fast-forward the track.
7 Tune	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track. If you do not anything with the knob for 5 seconds, the TUNE search will be terminated.

AUX

Connecting an External Device

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

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



NOTICE

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



Bluetooth® Audio Mode

Bluetooth Audio



Features	Description
1 Mode	Displays currently operating mode
2 Phone Name	Displays name of connected phone
3 Artist Info	Name of current artist
4 Title	Name of current song
5 Previous File	<ul style="list-style-type: none">If play time is less than 3 seconds, moves to the previous fileIf play time is over than 3 seconds, plays the current file from the beginning <p><i>i</i> This function may differ depending on the model of mobile phone</p>
6 Play/Pause	Plays/Pauses Bluetooth Audio
7 Next File	Moves to the next file
8 Connections	Moves to the Bluetooth Settings screen. You can pair a new device or change/delete paired device(s)
9 SEEK/TRACK	Plays the previous/next file
10 TUNE	TUNE is not supported.

i Information

- Artist info and Title may not supported by mobile phone

Bluetooth Connections Settings

In Bluetooth Audio play screen,

Connections

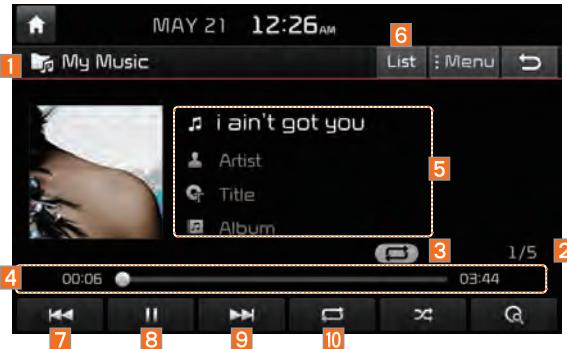


i Information

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

Refer to Setting → Phone → Bluetooth Connection Settings for pairing, connection and disconnection of a Bluetooth device

My Music



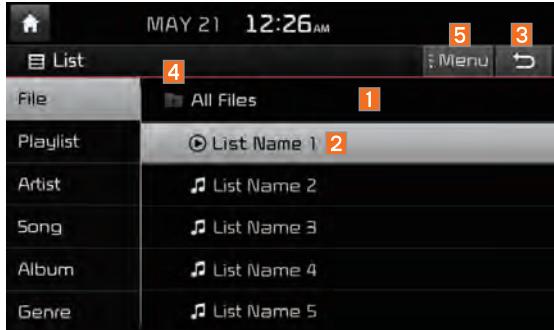
Features	Description
1 Mode	Displays currently operating mode
2 File Index	Shows the current file/total files
3 Repeat/Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays track/artist/title/album info <ul style="list-style-type: none"> If select the song in the file tab on the list screen : Displays File, artist, title, album info If select the song in the other tabs on the list screen : Displays artist, title, album info
6 List	Moves to the list screen

Features	Description
7 Previous File	If press button short (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"> If play time is less than 3 seconds, moves to previous file If play time is over than 3 seconds, play the current file from the beginning If press button long (over than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	If press button short (less than 0.8 seconds): Moves to the next file <ul style="list-style-type: none"> If press button long (over than 0.8 seconds) it will fast-forward the file
10 Repeat	Repeats the current file <ul style="list-style-type: none"> If select the song in the file tab on the list screen : Press the REPEAT button to switch between repeating one song and turning repeat off . If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the REPEAT button to switch between repeating category and repeating one song and repeating category .



Features	Description
11 Shuffle	Plays files in random order <ul style="list-style-type: none"> If select the song in the file tab on the list screen : Press the SHUFFLE button to switch between shuffle and turning shuffle off If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the SHUFFLE button to switch between shuffle and turning shuffle off

Features	Description
12 Scan	Scans the beginning parts of USB files (approx. 10seconds per file) <ul style="list-style-type: none"> If select the song in the file tab on the list screen : Press the SCAN button to switch between scan and turning scan off If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen : Press the SCAN button to switch between scan and turning scan off
13 Menu	<ul style="list-style-type: none"> Add to Playlist: Adds the current song to the Playlist Playlist is placed on the left tab in the list Delete Current File: Deletes the current track from My Music.
14 SEEK/ TRACK	If press button short (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning <ul style="list-style-type: none"> If play time is less than 3 seconds, moves to previous/next file If play time is over than 3 seconds, plays the current file from the beginning If press button long (over than 0.8 seconds) it will rewind/fast-forward the track
15 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track. <p><i>i</i> If the TUNE knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.</p>



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

Features	Description
5 Menu	<ul style="list-style-type: none"> • Add to Playlist : Adds the current track to the Playlist : Playlist is placed on the left tab in the list (Maximum 100 files) Select a track and press "Add to Playlist" to add the track in the playlist • Delete from Playlist : Select a track from the playlist and press "Delete from Playlist" to delete the track in the playlist • Delete Files: Deletes files from My Music <p><i>i</i> If delete file from My Music, the information related to song also deleted in the list.</p> <p>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)</p>
6 SEEK/ TRACK	<p>If press button short (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning</p> <ul style="list-style-type: none"> • If play time is less than 3 seconds, moves to previous/next file • If play time is over than 3 seconds, plays the current file from the beginning <p>If press button long (over than 0.8 seconds) it will rewind/fast-forward the track</p>
7 TUNE	<p>Turn the TUNE knob to move the focus to previous/next file. If the file you want to play is displayed, press TUNE knob to play the track.</p> <p><i>i</i> If the TUNE knob is not pressed within 5 seconds of searching tracks, Tune search will be terminated.</p>

03

part.3 Using Bluetooth

Before Using the Bluetooth® Handsfree
Bluetooth Connection
Bluetooth Phone

Using Bluetooth

Before Using the Bluetooth® Handsfree

What is Bluetooth® Wireless Technology?

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

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

Precautions for Safe Driving

- Bluetooth® Handsfree 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 phone book. Before using Bluetooth® Wireless Technology, carefully read the contents of this user's manual.
- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- **Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.**

CAUTIONS upon Connecting Bluetooth® Phone

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

- If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off of the Bluetooth® device.
- Park the vehicle when connecting the head unit with the mobile phone.
- Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
 1. Turn the Bluetooth® function within the mobile phone OFF/ON and try again.
 2. Turn the mobile phone power OFF/ON and try again.
 3. Completely remove the mobile phone battery, reboot, and then again.
 4. Reboot the Audio Navigation System and try again.
 5. Delete all paired devices from both of Phone and HU 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.
- When downloading contacts, phenomenon not described within this user's manual may be related with the mobile device. When such occurs, inquire within 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 **PHONE** in the head unit or  in the steering wheel remote control. ► Select **YES**. ► 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** in the head unit. ► Select **Phone**. ► Select **Bluetooth Connection**. ► Select **Add New Device**. ► 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 device 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 **PHONE** in the head unit or  in the steering wheel remote control. ► Select the name of the device to connect. ► Connect Bluetooth.



Connecting Devices Through the Phone Settings

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



Disconnecting Bluetooth Devices

Disconnects Bluetooth devices that are connected.

Select **SETUP** in the head unit. ► Select **Phone**. ► 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** in the head unit. ► Select **Phone**. ► Select **Bluetooth Connection**. ►

Select **Delete Devices**. ► Select the device name to delete. ► Select **Delete**.



Bluetooth Phone

Phone Status Icons

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



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

Information

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

Dial

Dials a call after the Bluetooth devices are connected.

- Select PHONE in the head unit or  in the steering wheel remote control. Select All Menus from the full screen display ► Phone.



Name	Description
------	-------------

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

i Information

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

Accept/Reject Call



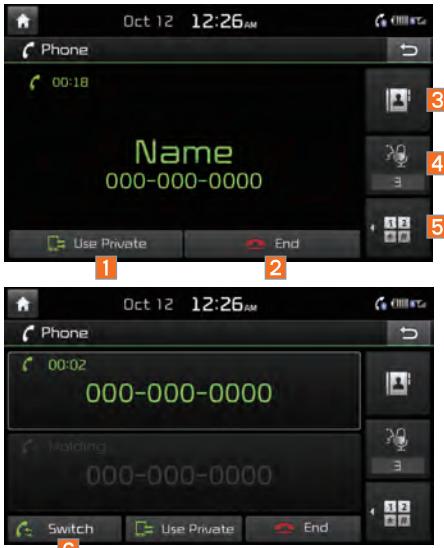
If there is an incoming call after you made a Bluetooth connection, a popup message will appear.

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

i Information

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

Using the Menu During a Phone Call



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

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

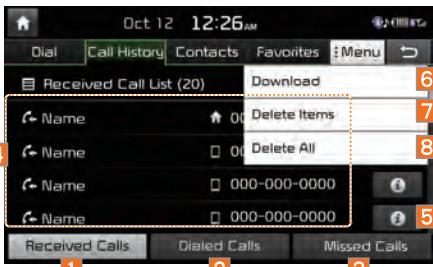
i Information

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

Call History

Select PHONE in the head unit ▶ and then

Call History .



Name	Description
1 Received Calls	Lists the calls that you have received.
2 Dialed Calls	Lists the calls that you made.
3 Missed Calls	Lists the calls you missed.

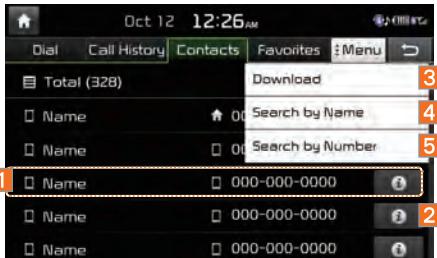
Name	Description
4 Call History	Displays all of your call history. Select from the list to dial the number.
5 Information	Displays the details of your call history information.
6 Download	Downloads the call history information from your mobile phone.
7 Delete Items	Deletes the items that you select from your Call History Information.
8 Delete All	Deletes all of the items from your Call History Information.
9 Call	Dials the selected number in your Call History Information.
10 Contact Info	Goes to the Contact Information screen if the number has been stored.
11 Delete	Deletes your call history information.

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 20 calls can be added in each Dialed Calls/Received Calls/Missed Calls list.
- The durations of each dialed/received call are not displayed in your car's Call History list.
- The Recent option is not supported for sorting all calls.
- While the call history download is in progress, the status bar displays an icon (a).
- If the call history download is turned off with the Bluetooth device, the 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 downloading. Check if your Bluetooth device supports downloading. For details regarding Bluetooth-supported devices and their functional compatibility, visit the following web sites:
- Kia Motors Corp : <http://www.kia.com/us/bluetooth>

Contacts

Select PHONE in the head unit ▶ and then Contacts.



Name	Description
1 Contacts List	The list of Contacts. Select from the list to dial the number.
2 Information	Displays contact information.
3 Download	Downloads contacts from your mobile phone.
4 Search by Name	Searches Contacts for the name that you enter.
5 Search by Number	Searches Contacts for the number that you enter.
6 Add to Favorites	Adds a phone number to Favorites.

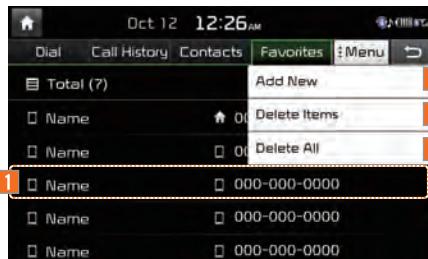
i Information

- Up to 5000 phone numbers can be downloaded from a single, paired Bluetooth device.
- You cannot edit and delete downloaded phone numbers from your car.
- Contacts can be viewed only when the Bluetooth device is connected.
- Even if the Bluetooth device is disconnected, the downloaded data will remain.
(Note that deleting a paired phone will also delete all downloaded Contacts and Call History data)
- Downloaded phone numbers may be lost depending on the condition of the head unit. Keep your important data in a safe place.
- Depending on differing mobile phone models and conditions, the time for transferring and downloading contacts may vary.
- If you download contacts from your phone, the existing data will be deleted.
- By default, contacts from both the SIM card and your mobile phone are downloaded at the same time.
- While downloading contacts, the status bar displays a ().
- If the contacts download function is turned off on the Bluetooth device, the download will not be available.

- Some devices require a device authentication for downloading your contacts. If download fails, check if the Bluetooth settings or display status are normal.
- Some devices do not support downloading. Check if your Bluetooth device supports downloading. For details of Bluetooth-supporting devices and their functional compatibility, visit the following web sites :
 - Kia Motors Corp : <http://www.kia.com/us/bluetooth>

Favorites

Select **PHONE** in the head unit ▶ and then **Favorites** .



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

MEMO

04.

part.4 About Using UVO eServices

Before Using UVO eServices
UVO eServices

About Using UVO eServices

Before Using UVO eServices

To use UVO eServices features, pair and connect your smartphone with the vehicle.

For information on connecting your Bluetooth device, refer to the smartphone user's manual and Bluetooth instructions in Quick on your radio.

UVO eServices

You can call Roadside Assist or the eServices Guide via a phone connected by Bluetooth.

- Select **uvO** in the head unit.



Name	Description
1 Roadside Assist	If a diagnostic issue exists, you can connect with a Roadside Assist agent.
2 eServices Guide	Receive guidance on how to use UVO eServices

Roadside Assist

If a diagnostics issue is found, you can connect with a Roadside Assist agent.

The Roadside Assist feature can be used only when your phone is connected via Bluetooth.

- Select **uvO** in the head unit ► and then **Roadside Assist**.



eServices Guide

eServices Guide provides guidance on how to use UVÖ eServices.

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

- Select **uvö** in the head unit ► and then **eServices Guide**.



MEMO

05

part.5 Navigation

Basic Features

Search

Route

Navigation Settings

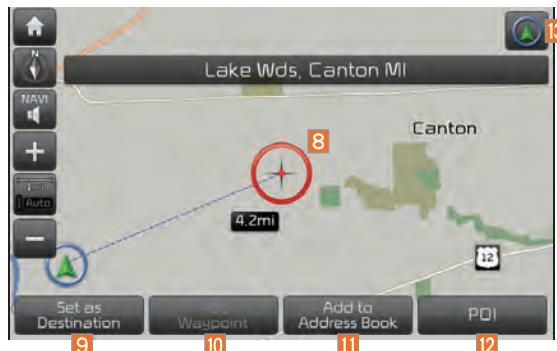
Before Thinking There is a Product Defect

Navigation

Basic Features

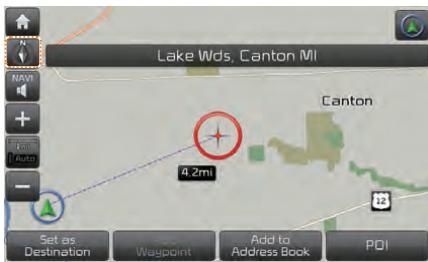
Operating Navigation Screen

A basic features on the map screen.



	Name	Description
1		Move to the Home screen.
2		Change the map view mode.
3		Mute On/Off.
4		Zoom in the map.
5		Set the zoom level automatically according to the guidance.
6		Zoom out the map.
7		Quick and easy selection of a destination and options.
8		Touch to scroll the map.
9		Quick and easy selection of a destination from the map screen.
10		Set a waypoint to the current route.
11		Store frequently used address to address book.
12		Find a POI(Point Of Interest) around the current position.
13		View the vehicle's current position on the map screen.

Changing Map View



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

Voice Guidance Volume On/Off

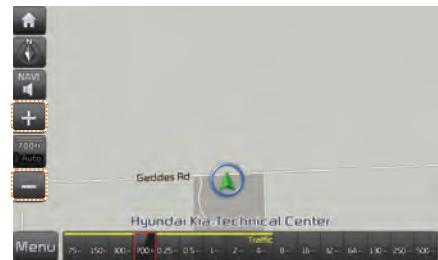
Press the button to toggle the voice guidance between on or off.



Zoom In /Zoom Out

zoom the screen in and out.

Zoom In and Zoom Out



Press **[+]** or **[-]** to set the zoom level

Map Scale

Set the zoom level automatically according to the road class



Name	Description
Scale Fix	Fix the displayed scale
Auto Scale	Change the map scale automatically depending on the road class

Menu

Route

Press **Menu** button on the bottom left of the screen ▶ Press **Route** button



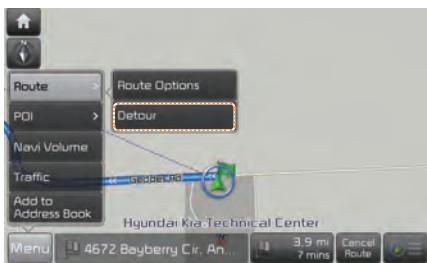
Press the **Route** button to set **Route Option** and **Detour**.

Route Option



Name	Description
1 Faster Time	Set an option based on the fastest time of arrival.
2 Shorter Distance	Set an option based on a shorter distance.
3 Done	Store the option. While the destination is set, use the selected option to calculate the route immediately.
4 Detailed Route Settings	Set details.

Detour



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



Try to find a different route to make a detour within a selected distance ahead from current vehicle's position.



Press the **Using Map** button to set the section to avoid the current route on the map.

Name	Description
1 Shorter	Reduce the length of the section to avoid.
2 Longer	Increase the length of the section to avoid.
3 Detour	Start the calculation of the route by detouring the set section to avoid.

Navigation Volume

Press the **Navi Volume** button to adjust the volume.



Press the **Navi Volume** button.



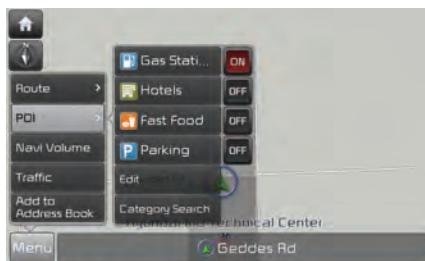
Name	Description
1	Set the sound to mute.
2	Reduce the volume.
3	Increase the volume.
4	Slide to set the volume

Nearby POIs

Display the information on nearby POIs on the map and to search and edit.

View Nearby POIs

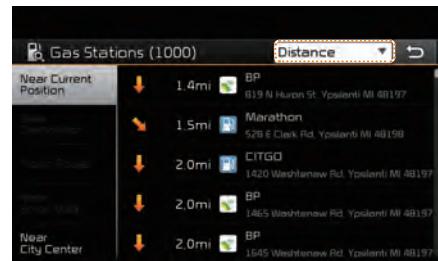
Select the **Menu** on the bottom of the left screen ► Select the **POI** button.



Press **ON**, **OFF** button to display or disappear the relevant POI information as an icon on the map. To select the sub-business type of the POIs move to the list.

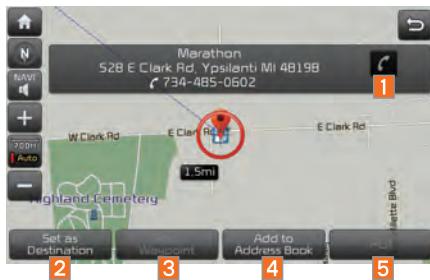
Select the desired business type (ex. gas station).

The list of gas stations nearby is displayed.



Display in order of distance, name by price.

Select the desired gas station to check the location information.

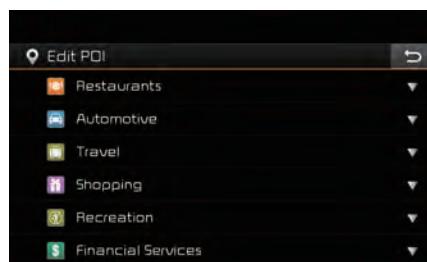


Name	Description
1	Make a call the place (After paring a phone with a Bluetooth)
2	Set the place as a destination.
3	Set the location as a waypoint.
4	Add to Address Book
5	POI

• Editing



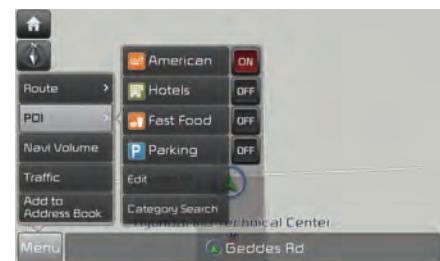
Select the item to edit (ex. gas station).



Select the desired item (ex.restaurants).



Select the item to change (ex. American).



Gas Stations now changed to American .

• Searching POI categories

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

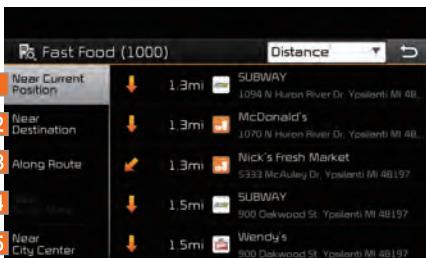
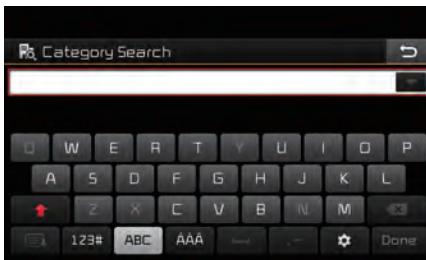


Select the item to search.

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



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

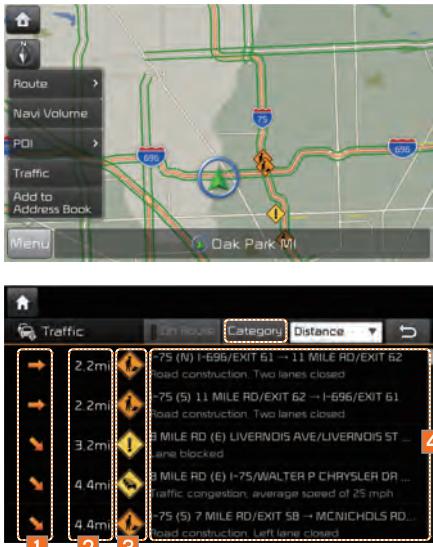


Select the desired POI to check the location and the detailed information.

Name	Description
1 Near Current Position	Search POI's around the current position.
2 Near Destination	Search POI's around the destination. <i>i</i> Active only when a route's planned
3 Along Route	Search POI's along route. *Active only when a route's planned
4 Near Scroll Mark	Search POI's around the current cursor when the map scrolled. <i>i</i> Active only when the cursor position is different from the vehicle position
5 Near City Center	search POI's around the city selected

Traffic List

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



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

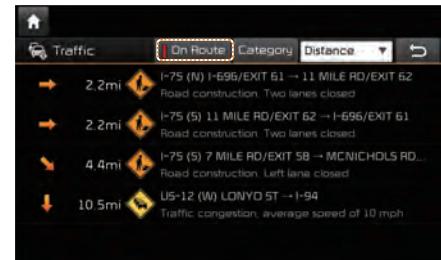
Name	Description
1	Direction from the current location.
2	Distance from the current location (mi or km)
3	Display a symbol depending on a traffic information event type.
4	Traffic information event section and event name

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



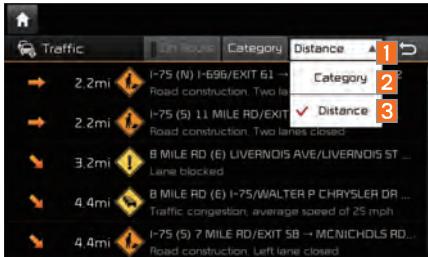
Name	Description
1	Display 'road construction' information
2	Display 'Accident' information
3	Display 'Slow traffic' information
4	Display 'Incident' information
5	Display 'Hazardous road conditions' information
6	Display 'Travel information'

In case of the traffic information on route, On Route is activated.



If there is a route planned, the On Route marker is activated in red and traffic events list on route displayed.

Active only when incidents reported on route



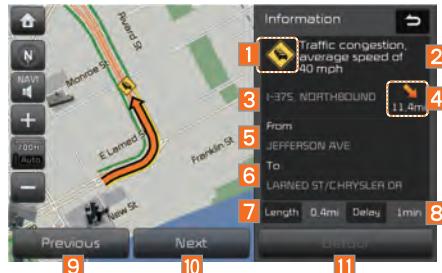
On the traffic list, the current basic traffic/road event information is displayed in order of distance.

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

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

Traffic detail

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



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

Display the traffic information symbol and the arrow indicating the section on the map screen and display the information on events and sections on the information window on the right side in detail.

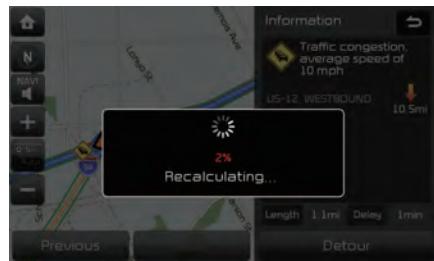
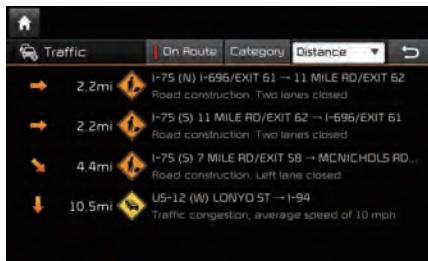
Name	Description
1	Event symbol
2	Traffic information event name
3	Traffic information road number or road name (direction included)
4	Direction and distance from the current location
5	Crossroads starting the traffic information section
6	Crossroads ending the traffic information section
7	Length of traffic information section
8	Traffic information added delay time
9	View previous traffic information
10	View next traffic information
11	Detour the route with the traffic information (in case of traffic information on the route).

Traffic detour

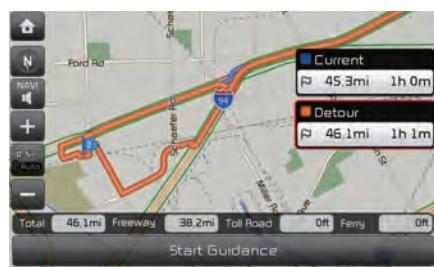
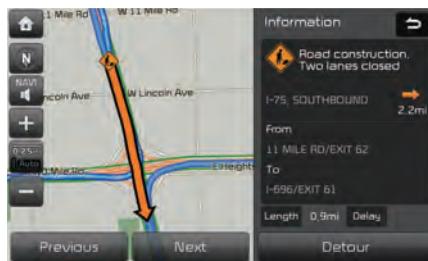
Press the **Menu** button on the bottom left of the screen. ► Select the **Traffic** button.

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

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



Select the desired section.



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

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

Traffic popup

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



If there is traffic information of “red traffic flow” on the route, traffic information pop up is displayed and the icon on the left is created.

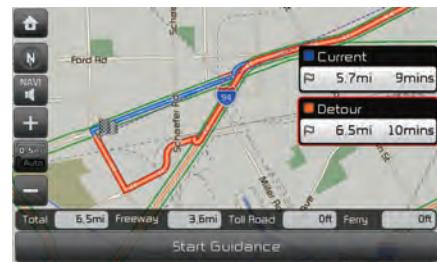
On the traffic information popup window, brief information is displayed and Details and Detour can be selected.

If you do not want to pop up anything on the current route, select Do not show for this route.

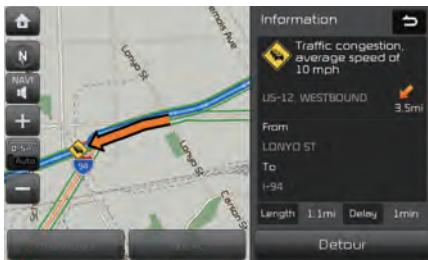
Name	Description
1	Popup icon
2	Traffic information symbol
3	Road information in the traffic information section
4	Distance from the current location
5	Traffic information delay time
6	Traffic information detour search menu
7	Traffic information details menu
8	Popup close menu
9	Set not to display pop-ups on the current route.(Maintained until the destination is reset and the route is searched)



On the traffic information pop-up, select Detour or Details to perform the same operation.



Press Detour to check the corresponding information.



Select Details to check the corresponding information.

Add to Address Book

Press the button on the left bottom of the screen. ► Select the **Add to Address Book**.



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



Name	Description
1	Change the name.
2	Press the ON , OFF button to display on the map.
3	Enter the phone number.
4	Possible to register Symbol
5	Change the stored Folder
6	Designate to the Favorite item. When the favorite is designated, press the button on the bottom of the Destination menu and request the route guide immediately.
7	Press the ON , OFF button to set the sound notification.
8	Save the setting.

Search

Address

Set destination by address search.

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



How to Search Address



Name	Description
1	First select the state to search.
2	Enter the house number. If you don't know the house number, press the Skip button.
3	Enter the street name. To allow actually existing street name only to be entered, the keys on the keyboard are automatically enabled or disabled, and if necessary, words are automatically completed. Press the Done button to display the corresponding street name and then select the item. If there are several cities with the same street name, the list of cities is displayed. Otherwise, enter a city on the keyboard and select the street and then the address search is completed.
4	Before entering the street, possible to select a city. Search by address only based on the streets in the city.



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

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

Previous Destination

Search destination with the previous search information.

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



Possible to arrange by all, latest destinations, latest searched places, and latest departing places.

Possible to arrange in order of date and name.

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



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

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

POI Name

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



Search POI Name to search the destination.



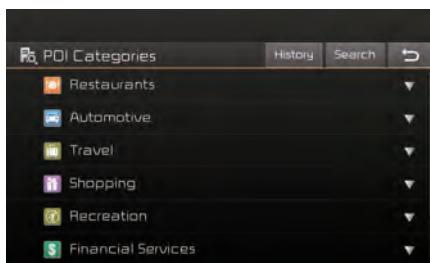
Enter the desired facility name and press the **Done** button.



Possible to select the desired destination among the search items.

POI Categories

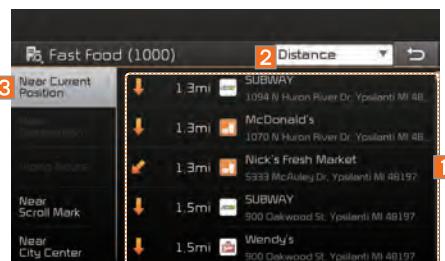
Press the **NAVI** head unit key. ▶ Select the **Destination** tab. ▶ Select the **POI Categories** icon.



Select the desired item.



Select the desired item in the sub-categories.

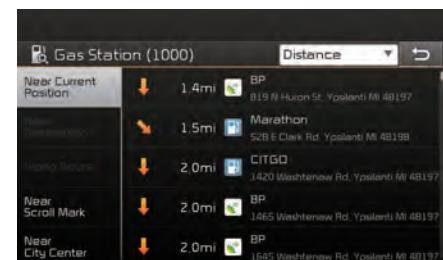


Name	Description
1	Select the desired destination among the searched items and add it as a way point.
2	Arrange in order of Distance and Name .
3	Arrange in order of Near Current Position , Near Destination , Along Route , Near Scroll Mark and Near City Center .

Gas Station

Search a gas station.

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

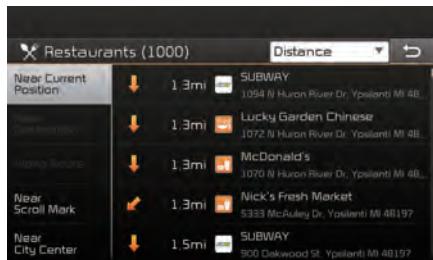


Possible to select the desired destination among the searched items.

Restaurants

Search a restaurant.

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



Possible to select the desired destination among the searched items.

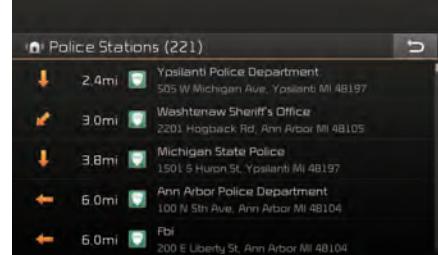
Emergency

Search an emergency facility.

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



Possible to check the current location information and select the desired item in the sub-menu (ex. police station).

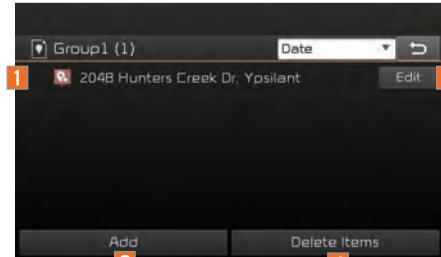


Possible to select the desired destination among the searched items.

Address Book

Search the destination with the address book.

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



Select the desired group.

Store it in the Favorite Places and then set the route rapidly with Go Home, Office and three buttons on the bottom of the menu screen.

Name	Description
1	Possible to select the desired destination from the searched items.
2	Possible to edit the destination.
3	Possible to register a new destination.
4	Possible to delete the desired item.

Specially Registered Places

Set the route with the specially registered places.

Press the **NAVI** head unit key. ► Select the **Destination** tab. ► Select the Specially Registered Places button.



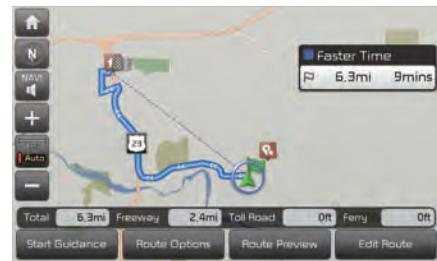
On the button where locations are not registered, the **+** icon is displayed. When a location is registered, the **+** button disappears and the buttons 1 to 3 are displayed as the registered place names.



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



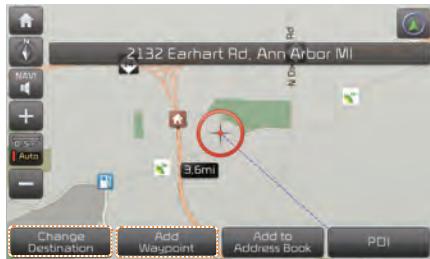
Register **My Home** in various searching methods. By using the same methods, possible to register Office, Special 1, Special 2, and Special 3.



Press the registered special point button to search a route as shown above.

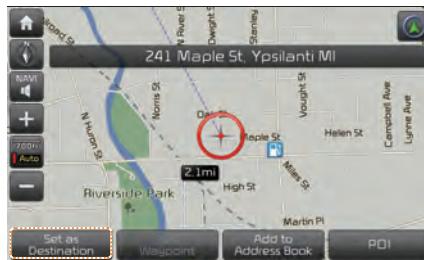
Route Setting

After searching the destination, possible to set a route.



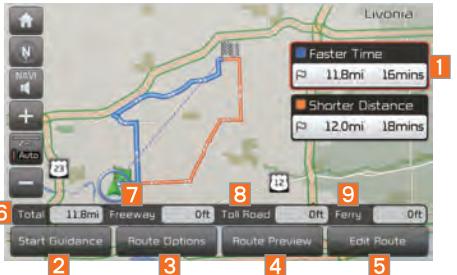
While the destination is set, the buttons **Change Destination** and **Add Waypoint** appear. Press each button to change a destination or add a waypoint.

Destination Setting(Change)



After searching the destination, press the **Set as Destination** button to set the location as a destination and search a route.

All Routes



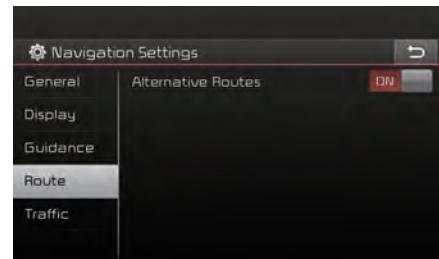
When the Alternative Routes option is enabled in Navigation Setting, display two routing options based on faster time and shorter distance.

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

Name	Description
1 Faster Time	Display total distance, travel time, and toll fees. Select the desired route.
2 Start Guidance	Start the guidance with the route.
3 Route Options	Change the route option.

Name	Description
4 Route Preview	Preview turn-by-turn list.
5 Edit Route	Edit the route.
6 Total	Display total distance of the route
7 Freeway	Display length of freeway on the route
8 Toll Road	Display length of toll road on the route
9 Ferry	Display length of Ferry route on the route

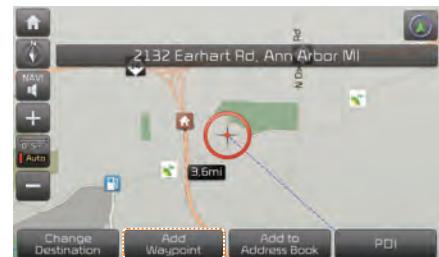
Alternative routes can be suggested if necessary, **SETUP** key ► **Navigation** Icon
► **Route** ► **Alternative** : on



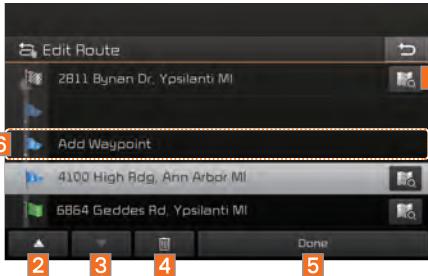
The route will be calculated using the option “Faster Time” by default.



Adding Waypoint

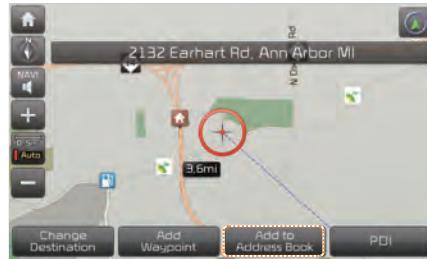


Press the **Add Waypoint** button to set the position as a waypoint and search the route.



Name	Description
1	Possible to check the map information of the section.
2	Move to the previous section.
3	Move to the next section.
4	Delete the selected section.
5	Edit the route.
6	Add the waypoint.

Registering Location



Press **Add to Address Book** at the desired location to register the location.

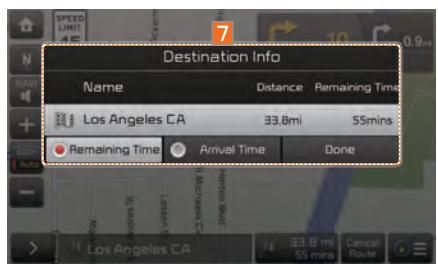
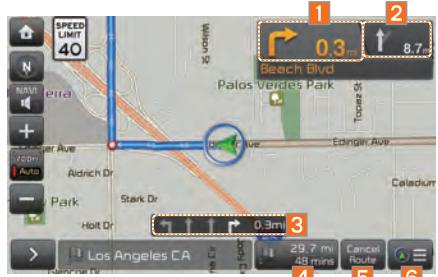


Enter the detailed information of the location to store.

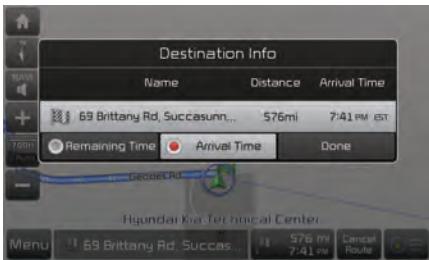
Route Guidance

Possible to get the detailed information on route guidance.

Route Guidance Screen



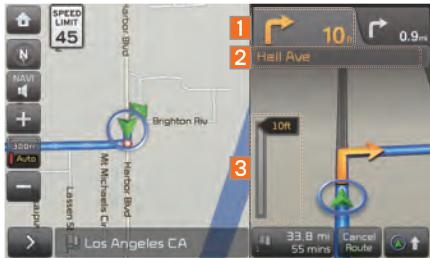
Remaining time : Display he estimated time of arrival



Arrival Time : Display the time for arrival

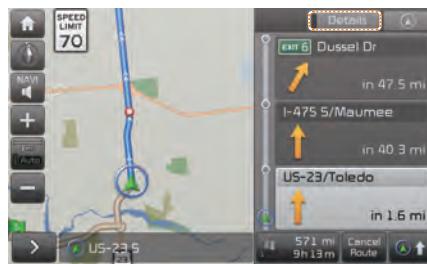
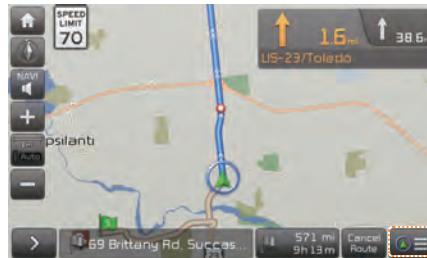
Name	Description
1 0.3 mi	Display the distance and direction to the first turn point.
2 8.7 mi	Display the distance and direction to the second turn point.
3 0.3mi	Display the lane information at the current location. Display the recommended direction in white, travelable direction in white, and the non-travelable direction in grey.
4 29.7 mi 48 mins	Displays the distance to the destination and the estimated time of arrival. Press the button to check the detailed information.
5 Cancel Route	Cancel the route.
6	Possible to change to preliminary guidance, TBT guidance, and zoom-on guidance screens.
7 Destination Info	Displays the destination information.

Split Screen during Route Guidance



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

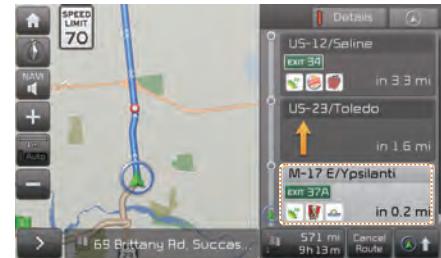
Name	Description
1	<ul style="list-style-type: none"> Turn Point : Display direction and shape to turn shortly Distance to turn : Display distance to next turn point
2	Road name to maneuver : Info of the road
3	Detail Distance Bar : Display distance to next turn point.



Touch the button to toggle display view mode as below

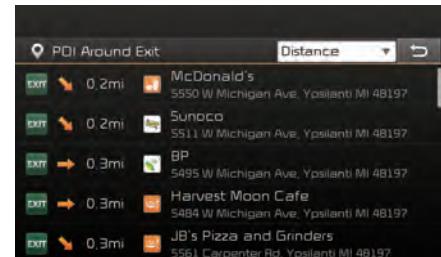
Name	Description
	Display the full map screen.
	Junction View, Split screen. (Active only when the applicable images are ready)
	Display Turn-by-turn information

additional info can be displayed on Freeway



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

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



Route

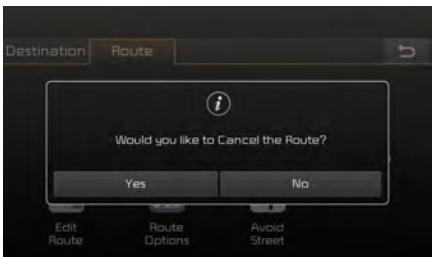
Cancelling Route

Cancel the route.

Press the **NAVI** hard key. ► Press the **Route** tab. ► Select **Cancel Route**.



Click **Cancel Route** the icon.



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

Display Route Information

Press the **NAVI** hard key. ► Press the **Route** tab. ► Select **Route Info.**.



Press the **Route Info.** icon.

Route Info	Avoid Street
CA-39 N	8.7 mi
CA-39 N	3.0 mi
Edinger Ave	0.4 mi
Euclid St	0.9 mi
Heil Ave	100 ft
16469 Harbor Blvd, Fountain Valley, CA	

Possible to check the information on the route. Select the desired item to check the map information.

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

Avoid Street
Euclid St
Heil Ave 0.9mi
Heil Ave
Harbor Blvd 100ft
16469 Harbor Blvd, Fountain Valley, CA

Unmark All Done

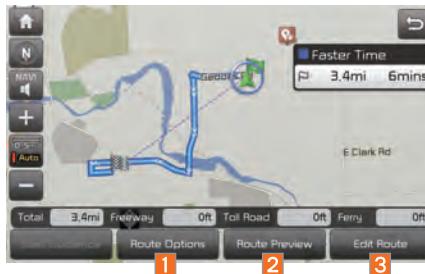
Check the desired item and press the **Done** button to finish.

Route Overview

Check the information on route including the distance, expected time, toll fees, etc. Press the **NAVI** hard key. ► Press the **Route** tab. ► Select **Route Overview**.



Press the **Route Overview** icon.



Name	Description
1 Route Options	Change the search option.
2 Route Preview	Preview turn-by-turn list.
3 Edit Route	Provide information on surrounding facilities.

Route Preview

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



Press the **Route Preview** icon.



Name	Description
1 Departure Place	Move to the departure location.
2 Previous Button	Move to the previous maneuver.
3 Forward Button	Move to the next maneuver.
4 Destination	Move to the destination location.
5 Section Displaying Bar	Quick move to the specific position.
6 ✕	Close the route preview.

Editing Route

Edit the current route.

Press the **NAVI** hard key. ► Press the **Route** tab. ► Select **Edit Preview**.



Press the **Edit Preview** icon.



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



Add the waypoint through various searching methods.

Route Options

Press the **NAVI** hard key. ► Press the **Route** tab. ► Select **Route Options**.



Press the **Route Options** icon.



Designate the route options to guide the route.

Avoid Street

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

Press the **NAVI** hard key. ► Press the **Route** tab. ► Select **Avoid Street**.



Press the **Avoid Street** icon.

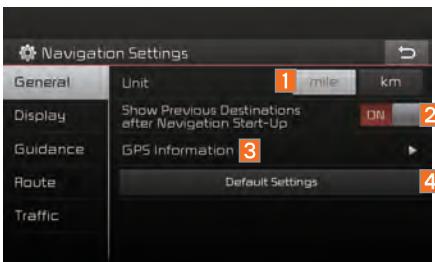


Press the **Done** to plan new route after selecting the street(s) that you want to avoid.

Navigation Settings

General

Change general settings.



Name	Description
1	Change the unit of mile , Km .
2	Press the ON , OFF button to change the previous destination view setting when starting the navigation. When the navigation is started without the route planned, a list of previous destinations can be displayed or not by setting.
3	Check the GPS information.
4	Press the Default Settings button to initialize.

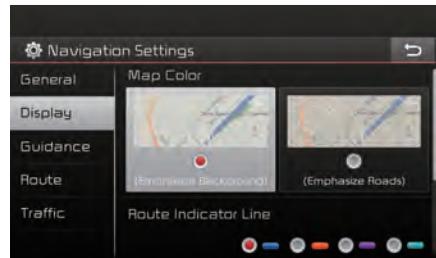


Press the [GPS Information] to display the detail GPS satellites information

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

Display

Change the display environment settings.



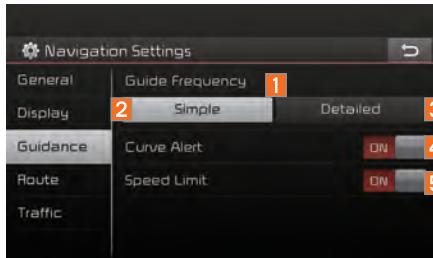
Change the map colors and the route guidance line colors.



Change the vehicle symbol.

Guidance

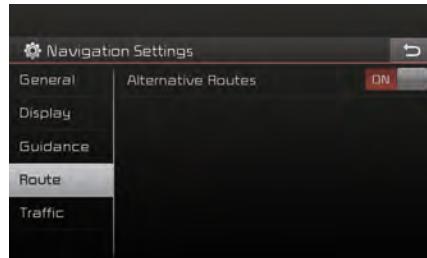
Change the guidance setting.



Name	Description
1	Set the guide frequently
2	Less guidance will be given
3	Much guidance will be given
4	Press the ON or OFF button to change the curve alert setting.
5	Press the ON or OFF button to change the speed limit alert setting.

Route

Change the route setting.



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

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

NOTICE

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

Traffic

Change the traffic information setting.



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

- Show Traffic Information On/Off : Select whether to display traffic information or not
- Traffic Event Popup Freeway On/Off : Select whether to display popup message for traffic information on freeway
- Traffic Event Popup Surface Road On/Off : Select whether to display popup message for traffic information on surface road.

Before Thinking There is a Product Defect

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

The following occurrences are not malfunctions :

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

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

The following occurrences are not malfunctions :

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

These situations may occur after conducting route calculation.

The following occurrences are not malfunctions :

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

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06

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

Voice Recognition

What is Voice Recognition?

Voice recognition technology runs the system as ordered by recognizing your voice command to ensure the safe operation of 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  or  is selected
 - 6) An emergency occurs, for example re-searching for the route after the navigation route has been lost
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) A strong wind blowing from the air vents. Set climate control to blow softer than level 3.
 - 3) Vibrations from passing through a tunnel.
 - 4) Vibrations from driving on an uneven road.
 - 5) Storms and heavy rain.

Starting/Ending and Setting Voice Recognition

Starting Voice Recognition

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



Extending the Standby Time

When the system is waiting for your command, after the voice prompt and beep have been heard, if you press the voice recognition icon less(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.



Skipping Prompt Messages

When you hear the prompt message, lightly touch the voice recognition icon on the steering wheel remote control to skip the message and go directly to standby 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.



Adjusting Voice Recognition Volume

During voice recognition, turn the volume knob to the left/right to adjust the message volume.



Voice Recognition Screen Overview

Start Screen



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

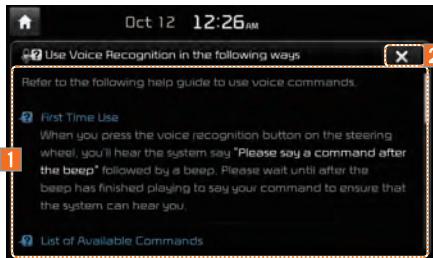
Name	Description
3 Voice recognition status icons	Standby Voice guidance Voice command process
4 User's speaking volume being recognized	Displays the voice command volume being recognized in real time.
5 Recognized results	Displays the voice recognition result.
6 Help button	Displays all available help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

Help Screen



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

Instructions for Using Voice Recognition



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

7 Information

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

Voice Commands

Types of Commands

Voice recognition commands are classified as "Global Commands" and "Local Commands."

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

Phone Commands

* Check the following before using call commands :

1. Voice commands related to phone calls can be used after connecting the Bluetooth device.
2. To call a person, for example "Call <John Smith>" whose name is listed in Contacts, you must first download the Contacts list. For details on downloading contacts, see "Part 3. Using Bluetooth > Chapter 3. Bluetooth Phone > 3.6 Contacts".
3. After downloading the Bluetooth contacts, it will take some time to convert the Contacts into voice data during which time you cannot make a call by name yet. The time takes to convert voice data may vary depending on the number of Contacts downloaded.

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

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	<p>Finds the address and sets it as the destination. To find an address, you should say “House Number → Street → City” (in order, excluding the state). e.g.) 300(Three Zero Zero) Main Street, Almond</p>
● Find the Nearest POI	<p>Find the nearest points of interest from your current location. After this command, you can find the name of a location step-by-step.</p>
● Find the Nearest <Category>	<p>Immediately finds <Category> nearest to your current location. For details of <Category>, see “5-8. List of Nearest Locations”. e.g.) Find the Nearest “Bank”</p>

Command	Operation
● POIs Near Destination	<p>Finds POIs near the destination. After this command, you can find the name of a location step-by-step.</p>
● <Category> Near Destination	<p>Finds <Category> near the destination. For details of <Category>, see “5-8. List of Nearest Locations”. e.g.) “Bank” Near Destination</p>
● Map	<p>Moves to the current position on the navigation map</p>
● Previous Points	<p>Displays a list combining Previous Destinations, Previous Searches, and Previous Starting Points all together. You can then set a destination by saying the list number.</p>
● Previous Destinations	<p>Displays a list of recent destinations that you can return to by saying the number in the list.</p>
● Previous Searches	<p>Displays a list of recent searches, where you can set a destination by saying the number in the list.</p>
● Previous Starting Points	<p>Displays a list of recent starting points that you can return to by saying the number in the list.</p>
● Traffic Information	<p>Moves to the Traffic Information menu screen.</p>
● Go Home	<p>Set the destination to your home. Your home must first be set in the navigation system.</p>
● Go to Office	<p>Set the destination to your office/work. Your office/work must first be set in the navigation system.</p>

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

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

Radio Commands

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

Media Commands

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

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

1. MP3 / USB Music / iPod / My Music Command

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

2. Bluetooth Audio / AUX Command

- Bluetooth Audio supports different functions according to connected devices, therefore some commands are unavailable, including Play, Stop, Previous Song, and Next Song.
- For external devices (AUX) and some commands are unavailable, including Play, Stop, Previous, and Next.

Other Commands List

(Commands used in List / Help)

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

“Find the Nearest <Category>” List

Navigation location names can be changed after an update.

1. Restaurants

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

2. Automotive

Automotive
KIA Dealership
Hyundai Dealership
Gas Stations
76
ampm
ARCO
BP
Canadian Tire
Chevron
CITGO
Conoco
Esso
Exxon
Fleetfuels
GetGo
Giant Gasoline
GTO
Gulf
Husky
Ingles Gas Express
Martin's Gasoline
Meijer

Mobil
Murphy Express
Murphy USA
Petro Stopping Centers
PETRO-CANADA
Phillips 66
Pioneer
QuikTrip
Rutter's
Sheetz
Shell
Sinclair
Sunoco
Sunoco Canada
TEXACO
TravelCenters of America
Ultramar
Valero
Wawa
Parking
Auto Services
America's Tire
BOSCH Car Service

Canadian Tire
Certigard
Chevron
CITGO
Discount Tire
Exxon
Gulf
Kal Tire
Mobil
Napa
PETRO-CANADA
Sears Auto Center
Shell
TEXACO
Road Assistance
Automobile Dealership
Auto Parts
Rest Area
Car Washes
Motorcycle Dealership

3. Travel

Travel
Airports
Hotels
Americas Best Value Inn
AmericInn
Andaz
Ascend Collection
Baymont Inn & Suites
Best Western
Cambria Suites
Canadas Best Value Inn
Candlewood Suites
Clarion Hotel
Comfort INN
Comfort Suites
CONRAD
Country Inn & Suites by Carlson
COURTYARD by Marriott
Crowne Plaza
Days Inn
DELTA
Doubletree

Travel			Bus Stations
Econo Lodge	Marriott	Suburban Extended Stay	Bus Stations
Embassy Suites	Marriott VACATION CLUB	Super 8	Local Transit
Grand Residences by Marriott	Microtel Inns & Suites	Thriftlodge Canada	Train Stations
Hampton Inn	Motel 6	Travelodge	
Hampton Inn & Suites	NOVOTEL	Travelodge Canada	
Hawthorn Suites	Omni Hotels	VAN DER VALK	
Hilton	Park Inn	WALDORF ASTORIA COLLECTION	
Hilton Garden Inn	Park Plaza	Wingate by Wyndham	
Hilton Grand Vacations	QUALITY INN	Wyndham	
Holiday Inn	Radisson	Tourist Information	
Holiday Inn Express	Radisson SAS	Tourist Attractions	
Homewood Suites	RAMADA	Travel Agents	
Hotel Indigo	Red Roof Inn	City Centers	
Howard Johnson	Regent Hotels & Resorts	Rental Car Agency	
Hyatt Place	Renaissance	Alamo	
Hyatt	Residence Inn	AVIS	
Hyatt Summerfield Suites	Ritz-Carlton Club	Budget	
Intercontinental	Rodeway Inn	Dollar Rent A Car	
JW Marriott	Sheraton	National	
LA QUINTA INN	Sleep Inn	Thrifty	
Lexington	SOFITEL	Campground	
Mainstay Suites	Staybridge Suites	Ferry Terminals	
	Studio 6		

4. Shopping

Shopping
Department Stores
Canadian Tire
Kmart
Kohl's
Nordstrom
Sears
Sears Hometown Store
T.J. Maxx
Walmart
Convenience Stores
7-Eleven
ampm
BP
Circle K
Fleetfuels
GetGo
GTO
Murphy Express
Murphy USA
Petro Stopping Centers
QuikTrip
Rutter's

Sunoco Canada
TravelCenters of America
Wawa
Shopping Centers
Grocery Stores
Giant Eagle
Giant Food Stores
IGA
Ingles Markets
Kmart
Martin's Food Markets
Meijer
Publix
Sav-Mor Foods
Save-A-Lot
SuperValu
Music Stores
Bookstores
Barnes & Noble
Electronics
Best Buy
Future Shop
Staples

OfficeMax
Gifts
Sporting Goods
Dick's Sporting Goods
Sports Authority
Home Specialty Stores
ABC Fine Wine & Spirits
Costco
Home Depot
Clothing
Mark's Work Wearhouse
Shoe Stores
Pharmacies
Giant Drugstore
Giant Eagle
Ingles Pharmacy
Kmart Pharmacy
Martin's Drugstore
Meijer Pharmacy
Publix
Rite Aid
Shoppers Drug Mart
Walgreens

5 Recreation

Recreation
Amusement Parks
Museums
Cinema
Golf Course
Sports Complex
Sports Activities
Winery
Video & Game Rental
Ski Resort
Recreation Area
Other Recreation

6. Financial Services

Financial Services
Banks
Chase
RBC Bank
Wells Fargo
ATMs
Chase
RBC Bank
Wells Fargo
Check Cashing Services
Money Transfer
Candlewood Suites
Clarion Hotel
Comfort INN
Comfort Suites
CONRAD
Country Inn & Suites by Carlson
COURTYARD by Marriott
Crowne Plaza

7. Community

Community
Police Stations
Post Offices
Libraries
Schools
Fire Department
Convention Centers
City Hall
Civic Centers
Court House
Government Offices
Waste & Sanitary
Utilities
Business Facility

8. Services

Services
Hospitals
Medical Services
Physician
Tax Services
Attorney
Funeral Home
Hair & Beauty
Cleaning & Laundry
Social Services
Communication
Dentist
Photography
Tailor & Alteration
Mover

MEMO