CAR MULTIMEDIA SYSTEM | USER'S MANUAL

FORTE

CAR MULTIMEDIA SYSTEM | USER'S MANUAL

A7ENE06

A7MS7-B4001

The Power to Surprise

Thank you for purchasing this multimedia system.

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

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

Precaution for safe usage

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

Maps for Life

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⚠ WARNING

- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.

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

Read the following safety cautions for your safety.

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

※ The design and specifications of this product may change without prior notification for product and service improvement.
The actual features in the vehicle may differ from the illustrations.
For more accurate information about the vehicle, please refer to the catalogue.

Notations used within this User's Manual

Safety Warnings

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

Safety Cautions

- 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®

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Bluetooth® Wireless Technology

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HD Radio™ Technology

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1 Basic

- Warnings and Cautions
- Key Product Features
- Component Names and Functions
- Starting the System for the First Time

CAR MULTIMEDIA SYSTEM

WARNING

- Even when receiving route guidance from the multimedia system, please abide by actual traffic, road regulations, and any road signs. 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, and result in severe personal injury or damage to the vehicle.
- Do not operate the multimedia 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 multimedia system. Such acts could result in accidents, fire, or electric shock.
- Use caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- 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 operate when the parking brake is set to ON for manual transmission vehicles and when set to P or Parking Brake On state for auto transmission vehicles.)

CAUTION

Pay attention to traffic conditions while driving.

- In some instances, the navigation may provide guidance through restricted 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 maintenance center.
- Technical expertise is required to install or disassemble the device.
- Turn on the car ignition before using this device. Do not operate the multimedia system for long periods of time with the ignition turned off as such operations may lead to battery discharge.
- Upon using the multimedia system for more than 10 minutes with the car engine turned off, a 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 materials, chemical cloths, or solvents(alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration.
- When experiencing product malfunctions, inquire with your place of purchase or service maintenance center.
- Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.

Key Product Features

This device is an Multimedia System equipped with a multifunctional disc player that supports Radio (FM1, FM2, AM), HD Radio technology, SIRIUS, Audio CD, MP3, USB, iPod, Audio AUX, 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	**TFT** · Provides high quality sound and video through a Wide TFT-LCD Display using an LED Back Light · Touch screen for maximum user convenience
Radio	**Digital Tuner Feature** · Digital Tuner using PPL method that supports memory of 6 broadcast stations for each AM, FM1, and FM2 modes **Integrated Antenna (SIRIUS+NAVI)** · Outstanding reception via integrated antenna with high sensitivity **Radio broadcast station name** · Displays broadcast station names when available **HD Radio/Satellite Radio feature** · Supports HD Radio reception and Satellite Radio (SIRIUS)
Multimedia Player	**Support for various Media Formats** · Support for various media formats, including Radio, audio MP3 CD, USB, iPod and AUX · Supports USB, iPod, and Bluetooth® Audio Streaming modes **My Music** · Supports copying of music stored within DISC MP3 or USB into My Music (internal memory) mode **USB Image** · Copy to view and save images saved in USB devices

Navigation	**Voice Guidance** · Voice route guidance to conveniently reach set destinations · Various map scales that enables drivers to accurately view map and surrounding areas **Automatic Correction for Current Location** · Automatically corrects current position using map matching and GPS information
Miscellaneous	***Bluetooth®* Wireless Technology** · Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel **Digital Screen Control Features** · Easy control of features through touch screen options **Steering Wheel** · Control over audio features, voice recognition and Bluetooth® through the steering wheel for increased convenience

Head Unit

Name	Description
1 ⏏	Press to insert or eject disc
2 FM/AM	· Selects FM/AM mode · Each time the key is pressed, the mode is changed in order of FM1 → FM2 → AM → FM1
3 SAT	**Converts to SIRIUS mode** · Each time the key is pressed, the mode is changed in order of SIRIUS1 → SIRIUS2 → SIRIUS3 → SIRIUS1
4 MEDIA	· Displays CD, MP3, USB, iPod, AUX, Bluetooth® Audio Streaming, My Music modes · If the media is not connected or a disc is not inserted, corresponding modes will be disabled
5 ^ SEEK TRACK v	**When key is pressed shortly. (under 0.8 seconds)** · In FM/AM mode, plays previous/next frequency · In SIRIUS mode, plays the previous/next channel · In CD/MP3/USB/iPod/My Music modes, changes the track, file or chapter **When key is pressed and held. (over 0.8 seconds)** · In FM/AM mode, continuously changes the frequency until the key is released and plays the current frequency · In SIRIUS mode, continuously changes the channel until the key is released and plays the current channel · In CD/MP3/USB/iPod/My Music modes, rewinds or fast-forwards the track or file
6 POWER VOL	· When power is off, press to turn power on · When power is on, press and hold (over 1.2 seconds) to turn power off · When power is on, press shortly (under 1.2 seconds) to turn Audio off · Turn left/right to control volume

Name	Description
7 RESET	Resets the system
8	Displays current time and date
9 MAP VOICE	Displays the map for the current position
10 DEST	Displays the Destination setup menu
11 ROUTE	Displays Route menu screen
12 SETUP	Displays the Setup mode
13 PHONE	Takes user to phone screen
14 TUNE	· In FM/AM mode, changes the frequency · In SIRIUS mode, changes the channel · In CD, MP3, USB, iPod, My Music modes, changes the track, file or chapter
15	SD Card insert slot

Steering Wheel Remote Controller

Name	Description
1 VOL+ VOL-	Controls the volume
2 MUTE	Mutes the sound
3 ∧ ∨	**When keys are pressed shortly. (under 0.8 seconds)** · In FM/AM mode, searches broadcast frequencies saved to Presets · In SIRIUS modes, searches broadcast channels saved to Presets · In CD/MP3/USB/iPod/My Music modes, changes the track, file or chapter **When keys are pressed and held. (over 0.8 seconds)** · In FM/AM mode, automatically searches broadcast frequencies and channels · In SIRIUS modes, automatically searches broadcast channels · In CD/MP3/USB/iPod/My Music modes, rewinds or fast forwards the track or file

Name	Description
4 MODE	· Each time this key is pressed, the mode is changed in order of FM1 → FM2 → AM → SIRIUS1 → SIRIUS2 → SIRIUS3 → CD(MP3) → USB/iPod → AUX → Bluetooth® Audio → My Music · If the media is not connected or a disc is not inserted, 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
5	**When pressed shortly. (under 0.8 seconds)** · Activates voice recognition **When pressed and held. (over 0.8 seconds)** · Ends voice recognition

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

Name	Description
6	**When pressed shortly. (under 0.8 seconds)** · When pressed in the phone screen, displays call history screen · 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 0.8 seconds)** · When pressed in the Bluetooth® Handsfree wait mode, 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)

Name	Description
7	When pressed during a call, ends the phone call When pressed in the incoming call screen, rejects the call

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

Turning the System On/Off

Turning the System On

If the engine start button is pressed without pressing the brakes, then the ACC and system will turn on.
Once the system is turned on, the booting process will start and the safety warning page is displayed.

Pressing the POWER key on the head unit will display the safety warning page.
Press the Agree button to display the most recent mode.

To change the system language between Korean, English, Français, and Español press the Language button.

Information

- No operations are supported while the system is booting. Some time may be required until all features are ready for use.

CAUTION

- This should be a safety warning page is displayed every time the ignition is turned on. The displayed warnings are related to safety, please closely read and comply with the safety warnings.

Turning the System Off

Press the engine start button again or press and hold the POWER key on the system to turn the system off.

Information

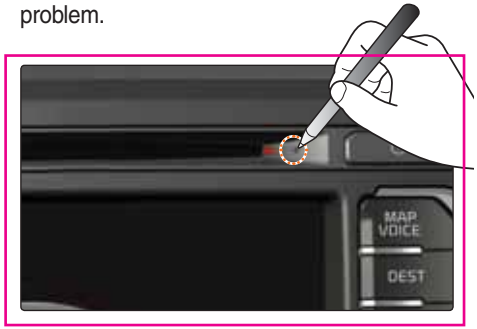
- If the system is turned off while the Handsfree is being used, then the call will automatically switch back to the mobile phone.
- ADM (Accessory Delay Mode) refers to a state in which the multimedia system will remain turned on for continued use up to a certain amount of time even if the vehicle ignition is set to ACC OFF state.
- The multimedia system will automatically turn off if more than 3 minutes has passed in ACC OFF state or the driver-side door is opened.
- While ADM is operating, it is possible to manually turn off the system power.

CAUTION

- Pay attention to the volume setting when turning the device on. Adjust the volume to a suitable levels before turning off the device.

Resetting the System

This feature is used to reset the system in the occurrence of an unforeseen error or problem.



Press and hold the RESET key. (about 0.8 second)
(The use of a clip or pin is recommended when resetting the system.)

NOTICE

- Upon resetting the system, saved data and settings information (volume and display settings) will be restored back to the default factory state.

Battery Warning Message

Use the system only when the engine is running. If the system is turned on with the engine off, then the following warning will be displayed.

This message will automatically disappear once the engine is turned on.

CAUTION

- Using the system for prolonged periods of time without the engine running may result in battery discharge.

MEMO

2 Audio

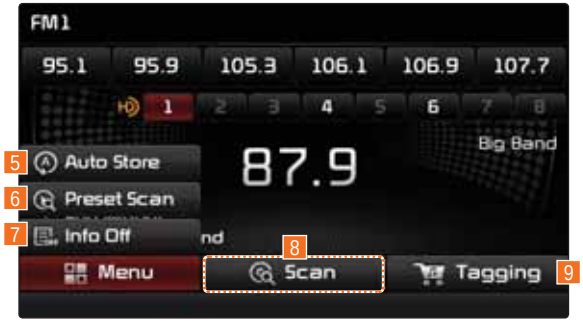
- FM/AM Mode
- HD Radio™ Mode
- SIRIUS Mode
- About DISC
- CD Mode
- MP3 CD Mode
- USB Mode
- iPod Mode
- AUX Mode
- Bluetooth® Audio Mode
- My Music Mode

CAR MULTIMEDIA SYSTEM

Basic Mode Screen (HD Radio™ reception OFF)

Name	Description
1 Mode Display	Displays currently operating mode
2 Preset	Shows saved presets for user selection
3 Broadcast station	Displays the current broadcast station name
4 Frequency	Displays the current frequency
5 Genre Display	Displays the current genre
6 Preset Scan	Plays preset frequencies for 5 seconds each
7 Text On (Text Off)	Turns the Radio Text information on and off
8 Menu	Displays Preset Scan and Text On (Text Off) menus
9 Scan	Plays frequencies with superior reception for 5 seconds each
10 Auto Store	Saves frequencies with superior reception to Preset buttons

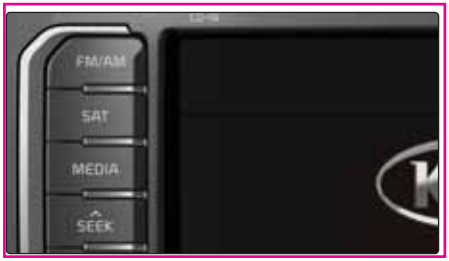
Basic Mode Screen (HD Radio™ reception ON)



Name	Description
1 HD Radio Reception	Displays main HD Radio channels
2 Broadcast Station	Displays the current broadcast station
3 Genre	Displays the current broadcast genre
4 Broadcast Info	Displays detailed information about the current broadcast
5 Auto Store	Saves frequencies with superior reception to Preset buttons
6 Preset Scan	Plays preset frequencies for 5 seconds each
7 Info On (Info Off)	· When pressed, shows detailed information about the current broadcast · When pressed again, detailed information is turned off
8 Scan	Plays frequencies with superior reception for 5 seconds each
9 Tagging	· Used to save song information for the currently playing broadcast · Upon connecting an iPod, song information is transferred to the iPod and can be downloaded through iTunes

Starting Mode

Press the FM/AM key to change the mode in order of FM1 → FM2 → AM.



When the power is OFF, pressing the FM/AM key will turn the power on and play a radio broadcast.

Using SEEK

Press the SEEK, TRACK key to automatically search for frequencies.

- Briefly press the key (under 0.8 seconds) : Plays previous/next frequency.
- Press and hold the key (over 0.8 seconds) : Changes the frequency while pressed and receives the next frequency upon release.

Using TUNE

Turn the TUNE knob left/right to select the frequency.

- FM1/FM2 : Increases/decreases by 200kHz
- AM : Increases/decreases by 10kHz

Selecting Presets

From the 6 presets, select the frequency you want to listen to.

Information

- You can save up to 6 preset channels each for FM1, FM2 and AM.

Saving Radio Frequency

Saving Manually

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.

Saving Automatically

Press the Auto Store to automatically save receivable frequencies to Preset buttons.

A total of 18 frequencies with six preset frequencies each for FM1/FM2/AM modes can be saved.

Information

- While Auto Store is operating, pressing the Auto Store button again will cancel the function and play the previous frequency.

Scanning Radio Frequency

Press the Scan button to scan all radio frequencies.

Starting from the current frequency, frequencies with superior reception are scanned for 5 seconds and the previous frequency is restored.

Using the Menu Buttons

Press the Menu button to use the Preset Scan menu.

Preset Scan

Press the Menu button ▶ Press Preset Scan .

Frequencies saved to the 6 preset buttons are each played for 5 seconds and the previous frequency is restored.

Text On/Text Off

Press the Menu button ▶ Press Text On .

The Text feature is turned on/off.

- If the 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 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.

About HD Radio™ Technology

PSD 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. Theses 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.

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iTunes Tagging iTunes® Tagging provides you the opportunity to discover a wide range of content and the means to "tag" that content for later review and purchase from the iTunes® Store. Also refer to the Apple Automotive specifications for implementing iTunes® Tagging.

Starting Mode

Press the FM/AM key to turn on Radio mode.

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

Information

- The HD Radio™ screen is displayed only when a HD Radio™ broadcast is being received.
- To ensure HD Radio™ stations are received, turn the feature on at SETUP key ▶ Setup ▶ HD Radio.

Operating HD Radio™ Mode

Selecting a Frequency

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.

Using TUNE

Turn the TUNE knob left/right to select the frequency.

Selecting through Preset

From the 6 presets, select the HD Radio™ broadcast you want to listen to.

Information

- For HD Radio™ broadcast channels without sub channels, sub channels will be skipped and only main channels will be received.

Song-Tagging

The song tagging feature provides a way to capture broadcasted song information from the radio for future purchase in iTunes.
Upon connection of an Apple audio playback device , the "tagged songs" will be transferred to your iTunes account in your Tagged songs folder.

Information

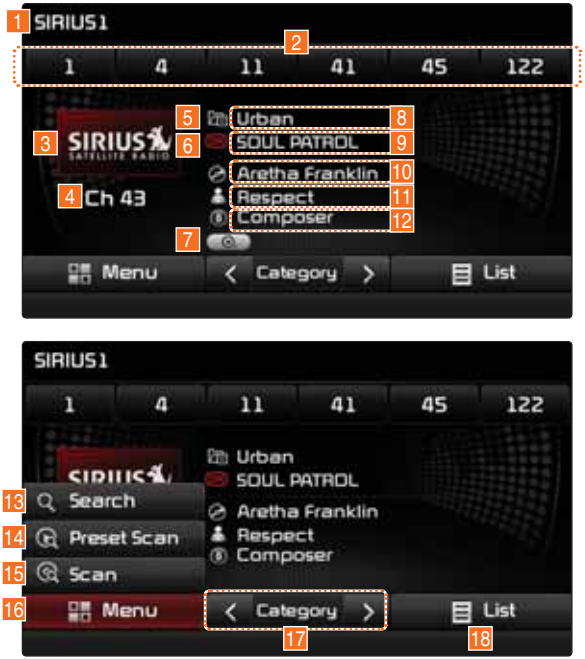
- Up to 50 songs can be saved if an iPod device is not connected.
- Song data can be transferred to an iPod only if there is available space within the device.

HD Radio™ Digital Broadcast On/Off

Press the SETUP key ▶ Press Setup ▶ HD Radio ▶ Press On / Off .

HD Radio™ Broadcasts can be turned On and Off for HD Radio™ FM and AM mode.

Basic Mode Screen



Name	Description
1 Mode Display	Displays currently operating mode
2 Preset	The desired frequency can be saved as a preset and selected
3 SIRIUS Logo	Display the SIRIUS logo
4 Channel Number	Displays the current channel number
5 Category mode indicator	Displays the category mode in orange
6 Channel mode indicator	Displays the channel mode in orange when changing channel
7 Setting Display	Displays the indicator if Scan/Preset Scan is operating
8 Category name	Displays the category name
9 Channel name	Displays the channel
10 Title name	Displays the title name
11 Artist name	Displays the artist name
12 Composer name	Displays the composer name
13 Search	Used to search for channels by entering channel numbers
14 Preset Scan	Plays preset frequencies for 10 seconds each
15 Scan	Plays all receivable channels for 10 seconds each
16 Menu	Displays Search, Preset Scan and Scan menus
17 Category Selection Buttons	Used to select the previous/next category
18 List	Displays SIRIUS Radio Categories/Channel Lists

Starting Mode

Press the SAT key to change the mode in order of SIRIUS1 → SIRIUS2 → SIRIUS3.

When the power is OFF, pressing the SAT key will turn the power on and play an SIRIUS Radio broadcast.

Using SEEK

Press the SEEK , TRACK key on the control panel for under 0.8 seconds.

The previous or next channel will be selected.

Information

- Within category mode, channels within the current category will be played.
- Within channel mode, all channels in all categories will be played.
- If no operation for 5 seconds during category mode, it goes back to the channel mode automatically.

Using TUNE

Turn the TUNE knob left/right to display the previous or next channel information.

After a brief moment, the selected channel will be displayed.

Selecting Presets

From the 6 presets, select the channel you want to listen to.

Selecting through Channel/Category List

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

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

Saving SIRIUS Channels

Saving Manually

After selecting channel ▶ Press and hold (over 0.8 seconds) the preset button.

A confirmation 'beep' will be heard and the channel will be saved to the selected preset button.

Information

- Six preset frequencies each for SIRIUS1/SIRIUS2/SIRIUS3 modes can be stored using the above instructions.

Using the Menu Buttons

Press the Menu button to use the Search, Preset Scan, and Scan menus.

Search

Press the Menu button ▶ Press Search ▶ Enter numbers and press OK .

Enter the number of the channel you want to receive.

Preset Scan

Press the Menu button ▶ Press Preset Scan .

Channels saved to the 6 preset buttons are each played for 10 seconds and then the previous channel is restored.

Scan

Press the Scan button to scan all channels.

Starting from the current channel, channels with superior reception are scanned for 10 seconds and the previous channel is restored once scanning is complete.

About DISC

Precautions upon Handling Discs

CAUTION

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

Supported Disc Formats

This device supports the following disc formats.

Disc Type

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

Disc Format

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

Disc/Content Format Compatibility

By Format according to Disc Type

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

Ordinary Disc Compatibility

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

Audio-CD

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

CD-R/RW Compatibility

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

PC-created Disc Compatibility

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

Cautions upon Writing CDs

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

Compressed Audio Compatibility

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

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

Before Playing an MP3 Disc

Supported MP3 File Specification

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

Recommended Bit Rates and Frequency

- Sampling frequency : 96 ~ 192 Kbps fixed bit rate/4.1kHz.

NOTICE

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

Detailed Specification

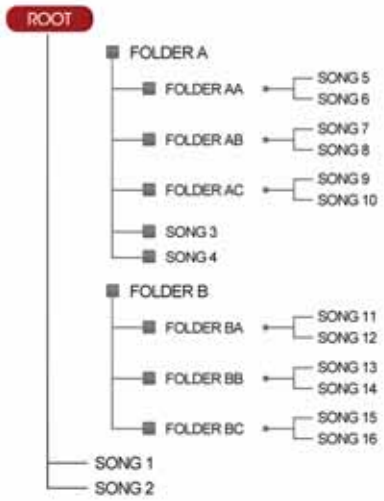
- Maximum directory layers : 8 layers.
- Maximum folder length : 64 bytes, file name length: 64 bytes.
- Supported characters for folder name/file name: 2350 characters for Alphanumeric character and Korean character sets, 4888 characters for Simplified Chinese character set.
- Maximum number of folders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

Precautions upon Burning MP3 Files

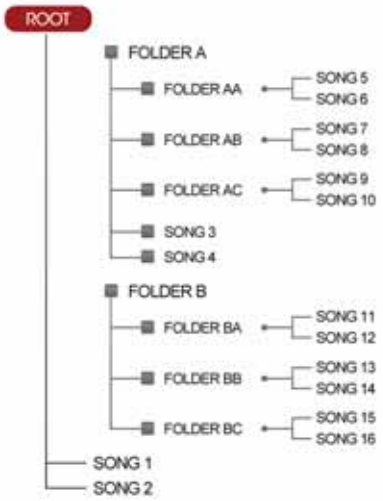
- The use of ISO 9660 LEVEL 2 JOLIET format is recommended.
- Up to 32 characters in Korean/Chinese are supported for file names and up to 20 characters in Korean/Chinese are supported for folder names.
- The use of CDs exceeding 700MB may result in faulty disc recognition or errors upon play.

MP3 File Structure

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



Folder structure as saved in CD-ROM



Folder structure as saved in the system

Basic Mode Screen

Name	description
1 Mode	Displays currently operating mode
2 Track	Track number of current song
3 Repeat/ Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 Track Index	Shows the current track/total tracks
5 Play Time	Displays the current play time
6 Repeat	Repeats the current track
7 Shuffle	Plays disc tracks in random order
8 Scan	Scans the beginning parts of disc tracks (approx. 10 seconds per track)
9 Info Off (Info On)	· Info Off : shows only track info · Info On : shows track info, artist and album info ※ Empty when there is no corresponding information
10 Menu	Displays Repeat, Shuffle, Scan, and Info On (Info Off) menus
11 Artist Info	Displays artist info for current song (Will not be displayed if the information does not exist)
12 Album Info	Displays album info for current song (Will not be displayed if the information does not exist)
13 Previous Track	· When the play time is under 2 seconds : Moves to the previous track · When the play time is over 2 seconds : Plays the current song from the beginning
14 Play/Pause	Plays/pauses the current track
15 Next Track	Moves to the next track
16 List	Moves to the track list screen

Starting Mode

Press the MEDIA key ▶ Press CD .

NOTICE

- Only genuine audio CDs are supported. Other discs may result in recognition failure. (e.g. copy CD-R, CDs with labels)

Information

- CD mode will automatically start once a CD is inserted.

Playing a CD

- Press the ▶ button to play the track.
- Press the ⏸ button to pause the track.

Fast-forwarding or Rewinding CD Tracks

While playing ▶ Press and hold the SEEK , TRACK key. (over 0.8 seconds)

This will rewind or fast-forward the track.
While the SEEK , TRACK key is being pressed, the track will rewind or fast-forward at 20x speed.
Once released, the track will begin playing at normal speed.

Searching CD Tracks

Turn the ● TUNE knob ▶ Search tracks ▶ Once the desired track name is displayed, press the ● TUNE knob.

When searching tracks, the track number is displayed in orange. Pressing the ● TUNE knob will play the corresponding track.

Information

- If the ● TUNE knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.

Using the Menu Buttons

Press the Menu button to set the repeat, shuffle, scan and Info On/Info Off menus.

Repeat

Press the Menu button ▶ Press Repeat .

The current track is repeated.

Information

- Press the Repeat button again to turn off repeat. If nothing is selected, then all tracks will be played in sequential order.

Shuffle

Press the Menu button ▶ Press Shuffle .

Tracks within the disc are played in random order.

Information

- Press the Shuffle button again to turn the shuffle option off.

Scan

Press the Menu button ▶ Press Scan .

The beginning (approx. 10 seconds) of all tracks within the CD are scanned.

Information

- Press the Scan button again to turn the scan option off.

Info On/Info Off

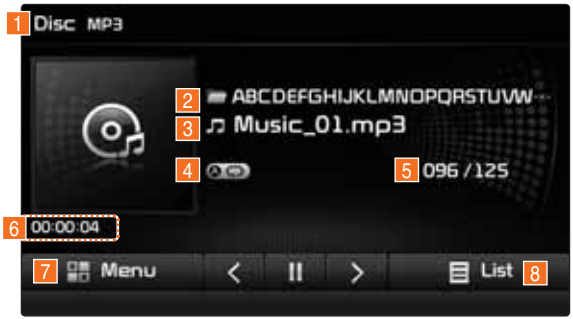
Press the Menu button ▶ Press Info On .

The amount of information displayed on the screen can be selected. When the title, artist, and album info are displayed, the button will automatically change to Info Off .
Press Info Off to restore the previous information display setting.

Information

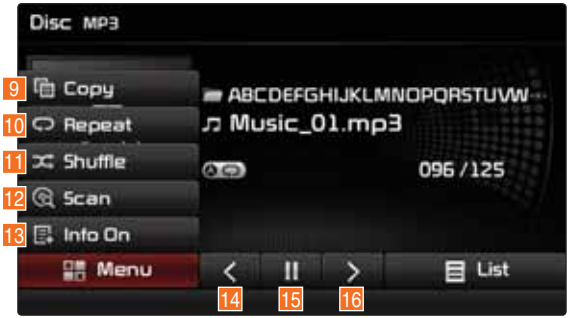
- Artist/album info may be supported within Text CDs.

Basic Mode Screen



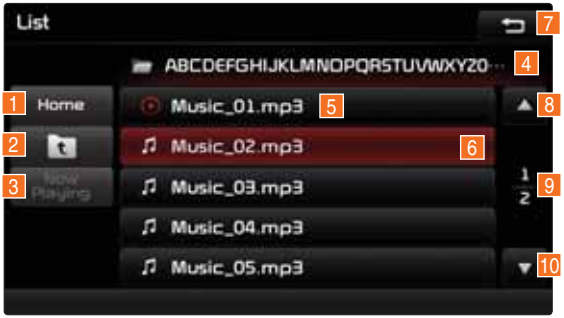
Name	Description
1 Mode	Displays currently operating mode
2 Folder Name	Displays folder name for current file
3 File Name	Displays the name of the current file
4 Repeat/Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
5 File Index	Shows the current MP3 file/total number of MP3 files
6 Play Time	Displays the current play time
7 Menu	Displays Copy, Repeat, Shuffle, Scan and Info On (Info Off) menus
8 List	Moves to the list screen

Basic Mode Screen



Name	Description
9 Copy	Copies the currently playing file into My Music
10 Repeat	Repeats the current file
11 Shuffle	Plays files in random order
12 Scan	Scans the beginning parts of MP3 files (approx. 10 seconds per file)
13 Info Off (Info On)	Changes the display method between Info Off/Info On · Info Off : shows folder name/file name · Info On : shows folder name, file name, title, artist, and album info
14 Previous file	· When the play time is under 2 seconds : Moves to the previous file · When the play time is over 2 seconds : Plays the current file from the beginning
15 Play/Pause	Plays/pauses the current file
16 Next file	Moves to the next file

List Menu Screen



Name	Description
1 Home Folder	Moves to home folder
2 Parent Folder	Moves to the parent folder
3 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 Folder Name	Folder name of current list
5 Current Song	Shows current playing file name
6 List Focus	Creates focus upon operating Tune
7 Back button	Converts to basic mode screen
8 Previous list	Moves to the previous list
9 List page	Shows current file list page/total number of pages
10 Next list	Moves to the next list

Starting Mode

Press the MEDIA key ▶ Press MP3 .

Information

- MP3 mode automatically starts when an MP3 disc is inserted.
- If there are numerous songs and folders within the disc, reading time could take more than 10 seconds and the list may not be displayed or song searches may not operate. Once loading is complete, try again.
- Only genuine audio CDs are supported.
- Other discs may result in recognition failure. (e.g. copy CD-R, CDs with labels)

Playing MP3

- Press the ▶ button to play the file.
- Press the ❚❚ button to pause the file.

Selecting MP3 files

Selecting from the Mode Screen

- Press the SEEK, TRACK key to select the previous or next file.
- Pressing and holding the SEEK, TRACK key will rewind or fast-forward the current file.

Using Menus within List Screen

Press the List button ▶ Select the file from the list.

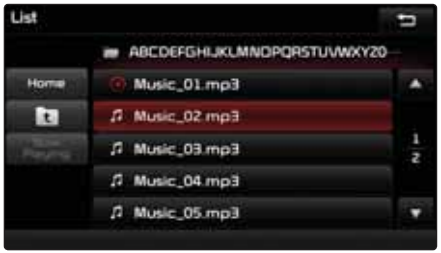
Fast-forwarding or Rewinding MP3 Files

While playing ▶Press and hold the SEEK, TRACK key. (over 0.8 seconds)

This will rewind or fast-forward the file.
While the SEEK, TRACK key is being pressed, the file will rewind or fast-forward at 20x speed.
Once released, the file will begin playing at normal speed.

Searching MP3 Files

Turn the TUNE knob ▶ Search files ▶ Once the desired file name is displayed, press the TUNE knob.



When searching files, pressing the TUNE knob will play the file highlighted in orange.

Information

- If there are no operations within 5 seconds, info on the current song will be re-displayed.

Using the Menu Buttons

Press the Menu button to set the copy, repeat, shuffle, scan, and Info On/Off options.

Copy

Press the Menu button ▶ Press Copy .

The file currently playing is copied and saved in My Music.

Information

- Copied and saved files can be played within My Music mode.

Repeat

Press the Menu button ▶ Press Repeat .

Each time the button is pressed, the option is changed from Repeat Once → Off (Repeat All).

Information

- Repeat Once : repeats the current file.
- Repeat Folder : repeats all files in current folder.

Shuffle

Press the Menu button ▶ Press Shuffle .

Each time the button is pressed, the option is changed from Shuffle Folder → Shuffle All → Off (Repeat All).

Information

- Shuffle Folder : plays files in current folder in random order.
- Shuffle All : plays all files in DISC in random order.

Scan

Press the Menu button ▶ Press Scan .

Each time the button is pressed, the option is changed from Folder Scan → Scan All → Off (Repeat All).

Information

- Folder Scan : scans files in current folder.
- Scan All : scans all files in the disc.

Info On/Info Off

Press the Menu button ▶ Press Info On .

The amount of information displayed on the screen can be changed.
When the title, artist, and album info are displayed, the button will automatically change to Info Off .
Press Info Off to restore the previous information display setting.

NOTICE

- The title, artist and album info are displayed only when such information is recorded within the MP3 file ID3 tag.

Using Menus within the List Screen

Moving between Lists

Press the List button ▶ Press the ▲ , ▼ buttons.

If five (5) or more files or folders exist in the same folder, the list will be displayed across two or more pages.
Press the ▲ , ▼ cursor buttons to quickly find the desired page.

Information

- A lag may occur in displaying the previous/next list page depending on the file name or file size.

Moving between Folders

Press the [t] button ▶ Select folder from the folder list.

Pressing the [t] button will move to the folder one level above the current folder.
Pressing the Home button folder will move to the root folder.

Information

- If there are no more parent folders, both Home , [t] buttons will be disabled.

Returning to Current Location

While searching files within other folders, press the Now Playing button to return to the currently playing file screen.

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.

CAUTION

- Files that are not standard format music/image files will not be played.
- For MP3/WMA files, only music files with compression rates between 8Kbps ~ 320Kbps can be played.
- Use caution as static electricity may exist when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB in some states.
- When connecting an external USB device, the device may not properly recognize the USB in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- 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.
- Use 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.

CAUTION

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

Plug Type Connector

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

Information

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

USB MP3 Information and Precautions

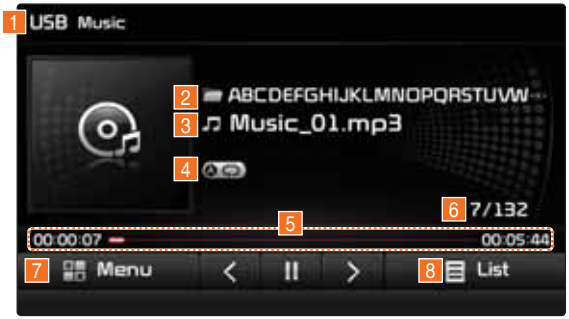
Name	Description
MP3 File Specification	Specification : MPEG1 AUDIO LAYER 3
Recommended Bit Rates and Sampling Frequency	Acceptable sampling frequency : 32, 44.1, 48 (KHz)
	Acceptable bit rate : 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
	96, 128, 192 Kbps fixed bit rate/44.1KHz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

Information

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

Basic Mode Screen

USB Music Mode



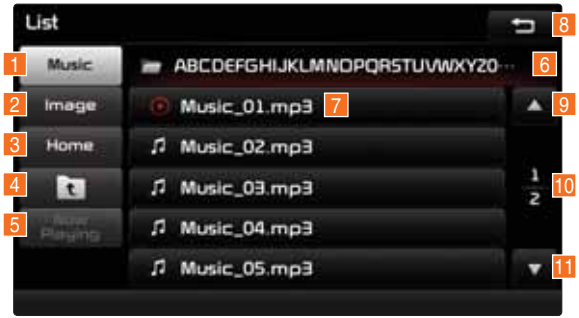
Name	Description
1 Mode	Displays currently operating mode
2 Folder Name	Displays the name of the current folder
3 File Name	Displays the name of the current file
4 Repeat/Shuffle/ Scan	From Repeat/Shuffle/Scan, displays the currently operating function
5 Play Time	Displays the current play time/total play time
6 File Index	Shows the current file/total files within the USB
7 Menu	Displays Copy, Repeat, Shuffle, Scan and Info On (Info Off) menus
8 List	Moves to the list screen

Name	Description
9 Copy	Copies the file currently playing into My Music
10 Repeat	Repeats the current file
11 Shuffle	Plays files in random order
12 Scan	Scans the beginning parts of USB files (approx. 10 seconds per file)
13 Info Off (Info On)	· Info Off : shows folder name/file name · Info On : shows folder name, file name, title, artist, and album info
14 Previous File	· When the play time is under 2 seconds : Moves to the previous file · When the play time is over 2 seconds : Plays the current file from the beginning
15 Play/Pause	Plays/pauses the current file
16 Next File	Moves to the next file

USB Image Mode

Name	Description
1 Mode	Displays currently operating mode
2 Folder Name	Displays folder name where image is located
3 File Name	Name of image file
4 File Index	Shows the current image file/total image files within the USB
5 Menu	Displays Slideshow, Rotate Image, Adjust Image Size, Save Image, and Info menus (Press the button again to hide the buttons)
6 Previous Image	Shows previous image
7 Next Image	Shows next image
8 List	Moves to the list screen
9 Slideshow	View images as slideshow in 5, 10, 20, 30 second intervals
10 Rotate Image	Rotate image in clockwise direction
11 Adjust Image Size	Enlarge/reduce (zoom-in/zoom-out) image size
12 Save Image	Add image as frame screen displayed when the system power is turned off
13 Info	Shows the file name, resolution and file type of current image

List Menu Screen



Name	Description
1 Music	Shows the Music list (Disabled when Music list does not exist)
2 Image	Shows the Image list (Disabled when Image list does not exist)
3 Home Folder	Moves to home folder
4 Parent Folder	Moves to the parent folder
5 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 Folder Name	Folder name of current list
7 Current Song	Shows current playing file name
8 Back Button	Converts to basic mode screen
9 Previous List	Moves to the previous list
10 List Page	Shows current file list page/total number of pages
11 Next List	Moves to the next list

Starting USB Music Mode

Press the MEDIA key ▶ Press USB Music .

If the USB is not connected, then the USB Music button will be disabled.

Information

- Once a USB is connected, USB Music mode will operate automatically.
- If a previously played USB is reconnected, then the song after the most recently played song is played. However, if a different USB is connected or the file information within the USB was changed, then the USB will start playing from the first song within the USB.

Playing USB Music

- Press the ▶ button to play the USB Music.
- Press the ❚❚ button to pause USB Music.

Searching USB Music Files

While Playing ▶ Press the < , > buttons or the SEEK , TRACK key to play the previous/next file.

- Pressing and holding the SEEK , TRACK key (over 0.8 seconds) will rewind or fast-forward the current file.
- While the SEEK , TRACK key is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Music will begin playing at normal speed.

Information

- The < , > buttons displayed on the screen allow you to select the previous/next file. These buttons will not rewind or fast-forward the file.

Using the Menu Buttons

Press the Menu button to set the Copy, Repeat, Shuffle, Scan, Info On (Info Off) menus.

Copy

Press the Menu button ▶ Press Copy .

The currently playing file is copied and saved in My Music.

Information

- Copied and saved files can be played within My Music mode.

NOTICE

- Time required to copy files into My Music is approximately 3 seconds per 1 USB MP3 file (4mb) and within 1 minute and 17 seconds per 1 CD MP3 file. These times may somewhat differ depending on the file size and system conditions.
- It is possible play music while copying is in progress.
- When copying is in progress, AV, Bluetooth and Voice Recognition features cannot be used. It is possible to use Information, Settings and Navigation features.

Repeat

Press the Menu button ▶ Press Repeat .

Each time the button is pressed, the option is changed from Repeat Once → Repeat Folder → Off(Repeat All).

Information

- Repeat Once : Repeats the current file.
- Repeat Folder : Repeats all files in current folder.

Shuffle

Press the Menu button ▶ Press Shuffle .

Each time the button is pressed, the option is changed from Shuffle Folder → Shuffle All → Off(Repeat All).

Information

- Shuffle Folder : Plays files within the current folder in random order.
- Shuffle All : Plays files within the USB in random order.

Scan

Press the Menu button ▶ Press Scan .

Each time the button is pressed, the option is changed from Folder Scan → Scan All → Off(Repeat All).

Information

- Folder Scan : Searches files within the current folder.
- Scan All : Scans files within the USB in random order.

Info On/Info Off

Press the Menu button ▶ Press Info On .

The screen display can be set differently depending on user selection.
When the title, artist, and album info are displayed, the button is changed to Info Off .
Press Info Off to restore the previous information display setting.

NOTICE

- The title, artist and album info are displayed only when such information is recorded within the MP3 file ID3 tag.

Starting USB Image Mode

Press the MEDIA key ▶ Press USB Image .

Searching USB Image Files

While playing ▶ Press the < , > buttons to view the previous/next image.

Information

- Press the List button to view the list of USB images.

Using the Menu Buttons

Press the Menu button to set the Slideshow, Rotate Image, Adjust Image Size, Save Image and Info menus.

Slideshow Interval

Press the Menu button ▶ Press Slideshow .

Image slideshow intervals can be set at 5sec , 10sec , 20sec , or 30sec intervals.

Rotating Image

Press the Menu button ▶ Press Rotate Image ▶ Press Done .

Each time the Rotate button is pressed, the image is rotated from 0˚ → 90˚ → 180˚ → 270˚ degrees.

Information

- Rotated images are not saved.
- The image will be restored to its original position when returning to it after viewing a different image.

Adjusting Image Size

Press the Menu button ▶ Press Adjust Image Size ▶ Press Done .

Press the - , + buttons to enlarge or reduce the image size. The scale can be changed to x1/4, x1/2, x1, x2, x4.

Information

- Enlarged or reduced images are not saved. The image will restore its original size when returning to it after viewing a different image.
- If the image cannot be fully displayed on the screen, touch the image to move the screen.

Saving Image

Press the Menu button ▶ Press Save Image .

Information

- For details on using the picture frame, refer to the Picture Frame Settings within Setup.

Viewing Info

Press the Menu button ▶ Press Info .

This menu is used to check image information, such as the image resolution and file type.

Using iPod Devices

CAUTION

- iPod® is a registered trademark of Apple Inc.
- iPod mode will not operate if the connected iPod cannot be recognized due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate with the multimedia system.
- For fifth generation iPod Nano devices, the iPod may not be recognized when the battery level is low. Please charge the iPod before use.
- Search/play orders shown within the iPod device may differ with the orders shown within the multimedia system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)
- 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 changed from the USB cable to Bluetooth®
- To listen to the iPod sound, reconnect the USB cable or exit then reenter iPod mode.
- 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.
- Some iPod versions may not sync with the system. In such cases, the system may not properly restore the previously operated mode. (For iPads, battery charging is not supported.)
- Applications that are not exclusively used as iPod Applications within iPhone/iPod devices are not supported.

Steps upon Initial Connection

Search Steps may differ depending on the type of iPod device.

	1 Step	2 Step	3 Step	4 Step	5 Step
Play List	Play List	Play List name (category is same as iPod)			
Artist	Artist	Artist	Album Name	Song Name	
Album	Album	Album Name	Song Name		
Genre	Genre	Genre Name	Artist Name	Album Name	Song Name
Song	Song	Song Name			
Composer	Composer	Composer Name	Album Name	Song Name	

Supported iPod Devices

- Operation is supported and Apple Inc. certified : ○
- Operation is supported but uncertified : △

Device / Generation	First	Second	Third	Fourth	Fifth	Sixth	Seventh
iPod Mini	Not Supported						
iPod Shuffle	Not Supported						
iPod Nano	○	○	○	○	○	○	△
iPod Touch	○	○	○	○	○	Not Released	
iPod Classic	Not Released				○ (iPod with video)	○ (iPod Classic)	Not Released

iPad (iPad Mini)	△ : Operation is supported but uncertified

Device/Type	3GS	4G	4S	5G
iPhone	○	○	○	○

Basic Mode Screen

Name	Description
1 Mode	Displays currently operating mode
2 Title	Displays name of current title
3 Artist Info	Artist name
4 Album Info	Album name
5 Repeat/Shuffle	From Repeat/Shuffle, displays the currently operating function
6 File Index	Shows the current file/total files within the iPod
7 Play Time	Displays the current play time/total play time
8 Repeat	Repeats the currently playing file
9 Shuffle	Plays files in random order
10 Info Off (Info On)	Changes the display method between Info Off/Info On · Info Off : Shows title, artist, and album Info · Info On : Shows title, artist, album, genre, and composer info
11 Menu	Displays Repeat, Shuffle, and Info On (Info Off) menus
12 Previous File	Moves to the previous file
13 Play/Pause	Plays/pauses the current file
14 Next File	Moves to the next file
15 List	Moves to the list screen

Starting Mode

Press the MEDIA key ▶ Press iPod .

If the iPod is not connected, then the iPod button will be disabled.

Information

- Once an iPod is connected, iPod mode will operate automatically.

NOTICE

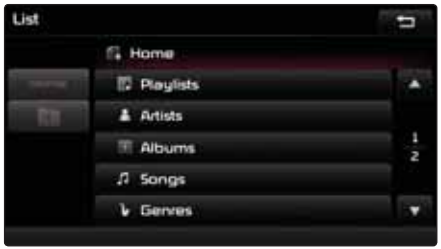
- Some iPods with unsupported communication protocols may not properly operate with the Audio system.

Playing iPod

- Press the ▶ button to play the iPod.
- Press the ❚❚ button to pause the iPod.

Searching iPod

Press the List button to display the initial iPod list screen.



When searching an iPod, it is possible to search by Playlists, Artists, Albums, Songs, Genres, Composers, Audiobooks, and Podcasts.

Information

- Upon accessing search mode while playing a song, search will begin from the most recently used search step.
- The search step displayed upon initial connection may differ depending on type of iPod device.

Selecting iPod Files

While playing ▶ Press the < , > buttons or the SEEK ,TRACK key to play the previous/next file.

Pressing and holding the SEEK ,TRACK key (over 0.8 seconds) will rewind or fast-forward the current song.

Information

- While the SEEK ,TRACK key is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the Music will begin playing at normal speed.

Searching iPod Files

Turn the TUNE knob ▶ Search files ▶ Once the desired file name is displayed, press the TUNE knob.

When searching files, the file number is displayed in orange. Pressing the TUNE knob will play the corresponding file.

Information

- If there are no operations within 5 seconds, information on the current song will be re-displayed.

Using the Menu Buttons

Press the Menu button to set the Repeat, Shuffle, and Info On (Info Off) menus.

Repeat

Press the Menu button ▶ Press Repeat .

Information

- The currently playing file is repeated.
- Press the Repeat button again to turn off repeat.

Shuffle

Press the Menu button ▶ Press Shuffle .

Information

- Each time the Shuffle button is pressed, the option is changed from Shuffle Category → Shuffle Album → Off.
- Shuffle Category : Plays files within the current category in random order.
- Shuffle Album : Plays files within the current category in random order.

Info On/Info Off

Press the Menu button ▶ Press Info On .

The screen display can be set differently depending on user selection.
When the title, artist, and album info are displayed, the button Info Off .
Press Info Off to restore the previous display setting.

Starting Mode

Press the MEDIA key ▶ Press AUX .

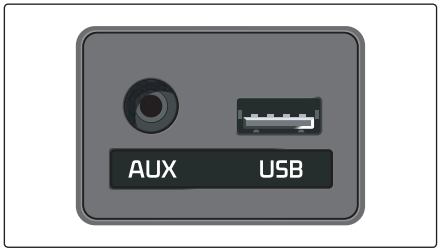
Information

- 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.

Connecting an External Device



External AUDIO players can be played through a dedicated cable. The position of the AUX jack is at the top of the gear shifter located between the driver and passenger seats.

Basic Mode Screen

Name	Description
1 Mode	Displays currently playing mode
2 Phone Name	Displays name of connected phone
3 Title	Name of current song
4 Artist Info	Name of current artist
5 Play	Plays Bluetooth® Audio
6 Pause	Pauses Bluetooth® Audio
7 Connections	Displays the Connections screen

Information

- The title/artist info may not be supported in some mobile phones. When it is not supported, a symbol will be displayed.
- The play/pause feature may operate differently depending on the mobile phone.

Using Bluetooth® Audio Mode

- Bluetooth® Audio Mode can be used only when a Bluetooth® Audio mode capable device has been connected.
- While Bluetooth® Audio Mode is playing, if the Bluetooth® phone is disconnected, then the music will also stop.
- Bluetooth® streaming audio may not be supported with some mobile phones.

Starting Mode

Press the MEDIA key ▶ Press Bluetooth Audio .

Playing Bluetooth® Audio

- Press the ▶ button to play files saved within the Bluetooth® phone.
- Press the ⏸ button to pause the file.

Information

- If the Bluetooth® audio does not play, Press SETUP key ▶ Press Setup ▶ Phone ▶ Audio Streaming Setting ▶ If the option is set to Off , change to press On and try again.

Selecting Bluetooth® Audio Files

While playing ▶ Press the SEEK, TRACK key ▶ Selects the previous/next file.

Information

- The title/artist info may not be supported in some mobile phones. When it is not supported, only the symbol will be displayed.
- The play/pause feature may operate differently depending on the mobile phone.

Setting Connection

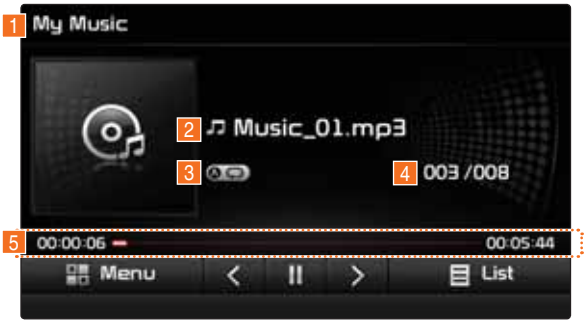
Press the Connections button to add a new Bluetooth® phone, connect/disconnect, delete, delete all, or view the Help section.

Name	Description
1 Help	Displays Bluetooth® Help screen
2 Add New	Pair a new Bluetooth® device
3 Connect/ Disconnect	Connect or disconnect a Bluetooth® device
4 Delete	Delete a paired Bluetooth® device
5 Delete All	Delete all paired Bluetooth® devices
6 Auto Connection	Set Bluetooth® phone Auto Connection upon starting car ignition

Information

- If music is not yet playing from your mobile device after converting to streaming audio (Bluetooth® Audio) mode or after pressing Play on the mobile device itself, pressing the ▶ button once may begin playing the music. Check to see whether music is playing from the Bluetooth® device after converting to streaming audio mode. The Streaming audio feature may not be supported in some mobile phones.
- For more information on mobile phone compatibility, visit the Kia Motor Company website (http://www.kia.com).

Basic Mode Screen



Name	Description
1 Mode	Displays currently operating mode
2 File	Displays the name of the current file
3 Repeat/Shuffle/ Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 File Index	Shows the current file/total files within the My Music
5 Play Time	Displays the current play time/total play time
6 Repeat	Repeats the current file
7 Shuffle	Plays files in random order
8 Scan	Scans the beginning parts of files (approx. 10 seconds per file)
9 Info Off (Info On)	Changes the display method between Info Off/Info On · Info Off : shows file name · Info On : shows file name, title, artist, and album info
10 Menu	Displays Repeat, Shuffle, Scan and Info On (Info Off) menus
11 Title Info	Displays the song title (Not displayed when information is not available)
12 Artist Info	Displays the artist information (Not displayed when information is not available)
13 Album Info	Displays the album information (Not displayed when information is not available)
14 Previous File	· When the play time is under 2 seconds : Moves to the previous file · When the play time is over 2 seconds : Plays the current file from the beginning
15 Play/Pause	Plays/pauses the current file
16 Next File	Moves to the next file
17 List	Moves to the list screen

Starting Mode

NOTICE

- My Music refers to a feature where music files (MP3, WMA) within USB memory drives or CDs are copied into the multimedia system to play them within the vehicle.

Press the MEDIA key ▶ Press My Music .

Playing My Music

- Press the ▶ button to play the file.
- Press the ❚❚ button to pause the file.

Selecting My Music

While playing ▶ Press the ❮ , ❯ buttons or the SEEK , TRACK key to play the previous/next file.

- Pressing and holding the SEEK , TRACK key (over 0.8 seconds) will rewind or fast-forward the current file.
- While the SEEK , TRACK key is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the Music will begin playing at normal speed.

Information

- The < , > buttons displayed on the screen allow you to select the previous/next file.
- These buttons will not rewind or fast-forward the file.

Using the Menu Buttons

Press the Menu button to set the Repeat, Shuffle, Scan, Info On (Info Off) menus.

Repeat

Press the Menu button ▶ Press Repeat .

The currently playing file is repeated.

Information

- Press the Repeat button again to turn off repeat. If nothing is selected, then all files will be played in sequential order.

Shuffle

Press the Menu button ▶ Press Shuffle .

When turned on, files are played in random order.

Information

- Press the Shuffle button again to turn the shuffle option off.

Scan

Press the Menu button ▶ Press Scan .

The beginning (approx 10 seconds) of all files are scanned.

Information

- Press the Scan button again to turn the scan option off.

Info On/Info Off

Press the Menu button ▶ Press Info On .

The screen display can be set differently depending on user selection.
When the title, artist, and album info are displayed, the button is changed to Info Off .
Press Info Off to restore the previous information display setting.

Information

- The title, artist and album info are displayed only when such information is recorded within the MP3 file ID3 tag.

Using Menus within the List Screen

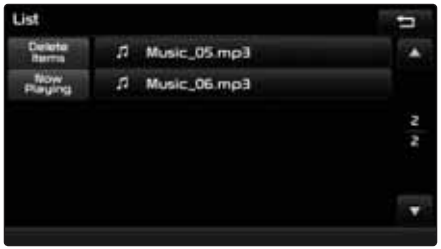
Moving between Lists

Press the List button ▶ Press ▲ , ▼ .

If six (6) or more files or folders exist in the same folder, the list will be displayed across two or more pages.
Press the ▲ , ▼ cursor buttons to quickly find the desired page.

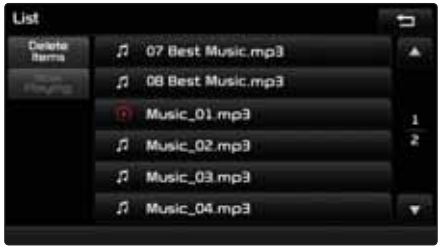
Returning to Current Location

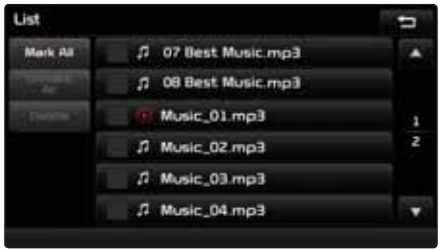
While searching files within other folders, press the Now Playing button to return to the currently playing file screen.



Deleting Files

Press the List button ▶ Select the files to delete ▶ Press Delete Items .





Information

- The audio system will not operate while files are being deleted.
- If the currently playing file is deleted, the next file will begin playing.

3 Navigation

- Before Use
- Starting Navigation
- Using the Navigation
- Map Logos and Landmarks

CAR MULTIMEDIA SYSTEM

Precautions for Safe driving

CAUTION

Please observe and comply with local traffic rules and regulations.

- Some features cannot be operated while-driving or when vehicle is in motion.
- The route displayed for destination guidance is a reference and the route guidance will take you to the vicinity of your
- destination. The highlighted route is not always; the shortest distance, the least congested, or in some cases, the fastest route.
- Road, name, and POI information may not always been completely updated. Some places may not include up to date information.
- The car position mark does not always indicate your exact location. This system uses GPS information, various sensors, and road map data to display the current position. However, errors in displaying your location may occur if the satellite is transmitting inaccurate signals or two or less satellite signals are being received. Errors that occur in such conditions cannot be corrected.
- Additionally, the car position mark may differ from the actual position if the map data is different from the actual road landscape, such as changes due to the construction of new roads. If such differences
- occur, driving for a short period of time will automatically correct the position of the vehicle through map matching or GPS information. (several minutes may be necessary in certain cases)

Operating the Navigation

- The navigation can be operated by touching the corresponding button on the screen to operate.

- If the button does not respond, take your finger off the screen and try again.

- When a button function is operating, the color of the selected button will be displayed differently.

- To return to the previous screen, press the button.

- Press the button to cancel functions that can be operated on the current screen.
  (Some functions may not be cancelled.)

Information

- Buttons that cannot be operated will be disabled.

About the Map

Some roads, site names, and facility information may have changed after map data update and may differ with actual road conditions.

About Map Scale

- If 0.88mi is displayed on the left side of the map, this represents a map scale of 1/4 of a mile.
- For more information on Changing Map Scale, refer to the 'Changing Map Scale' section.

Actual Distance		
Level	mi/ft	km / m
1	150ft	50m
2	300ft	100 m
3	700 ft	200 m
4	0.25 mi	400 m
5	0.5 mi	800 m
6	1 mi	1.6 km
7	2 mi	3.2 km
8	4 mi	6.4 km
9	8 mi	12 km
10	16 mi	25 km
11	32 mi	50km
12	64 mi	100 km
13	130 mi	200 km
14	250 mi	400 km

About Map Icons

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

About Map Database

Unlicensed map copying in any form, in full or in part, is strictly prohibited.

About Map Updates

- Map updates contact your Kia dealer.
- For more information, refer to the 'System Update' section in Setup.

About Voice Guidance

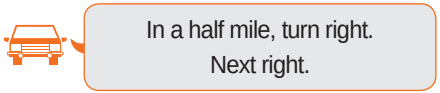
During destination guidance, voice guidance will be provided when reaching an intersection or nearby the destination.

Voice Guidance

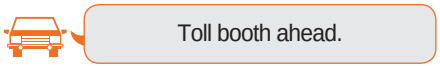
Voice guidance is provided in the following instances.

Example of voice guidance during destination guidance

- In front of an intersection :



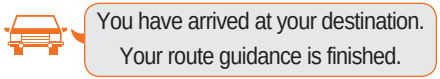
- Upon entering a toll road



* Please use voice guidance only as a reference to assist in your driving.

Example of voice guidance when arriving at the destination

- In front of the destination :



Information

- The above voice guidance examples are normal cases. However, the actual voice guidance may differ depending on the road type.
- If the car position is not accurately measured, then voice guidance may not be given, or may be given later or improperly.
- It is possible to adjust the Navigation guidance volume.

Guidance when using other modes

- Voice guidance will continue even when converting from the navigation screen to a different mode screen.

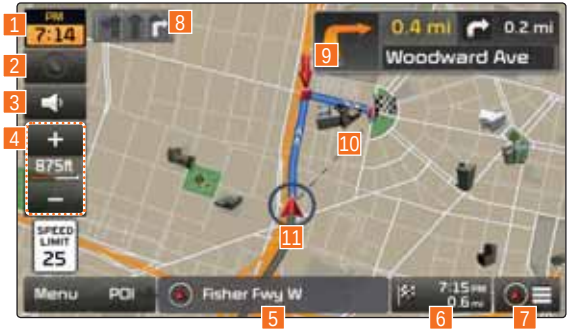
Information

- With voice guidance muted, destination guidance will continued to be provided.

About GPS

GPS (Global Positioning System) :
GPS is a system developed and operated by the United States which determines the current location of the user (Longitude/ Latitude, Coordinates, etc.) by generally using 4 or more satellites. This system is used with related GPS information, various sensors, road map data, and other related information for the purposes of navigation. For more information on GPS, refer to Part 6 ‘GPS Information’.

Map Screen



Name	Description
1 Current Time	Shows the time
2 Map Style	Used to set either North up Always or Heading up on both sides of split screen map
3 Navigation Guidance Volume	Turns the navigation voice guidance ON/OFF
4 Map Scale	Adjusts the map scale
5 Current Position Info Window	Shows current road name and destination name in 5 second intervals
6 ETA/Remaining Time	Shows the ETA (Estimated time of arrival), remaining time and distance from current position to the destination
7 Route Guidance Mode	Switches route guidance mode between preliminary guidance mode, Highway mode, and Turn by turn mode
8 Lane Info	Shows recommended lanes for use by considering upcoming intersections and expected routes
9 Preliminary Guidance	Provides distance, direction guidance at turn points and directions within the set route
10 Destination Direction	Shows straight line distance to destination from current car position mark
11 Car Position Mark	Displays current car position

Initial Screen

Press the Agree button to display the most recently used mode.
If Audio mode is used with the navigation turned on, navigation guidance will be provided in the background. If you turn the ignition on, then the most recently played mode will restart.

Information

- Once the vehicle ignition is turned on, the User Warning screen will always be displayed. Make sure to carefully read the warning page as it contains important information related to system operations while driving.

Current Position

Press the MAP VOICE key or the button displayed at the upper right side in some map conditions to display the map of the current position and the neighboring area.

Information

- When riding in a new car or after replacing the battery terminal, the car position mark may at first appear at a different location.
- Even if the car position mark on the map is different, map matching and GPS coordinates are utilized to automatically update the current position. It may take up to several minutes to find your current position.

Map Display Settings

Press the MAP VOICE key▶ Press the .

Each press of this button changes the direction between Heading-up and North-up

Name	Description
Heading-Up/ North-Up	Display Map in Vehicle Traveling Direction (Heading-Up) or North-Up direction

Changing Map Scale

Press + / - ▶ Set the desired map scale.

Press the Scale + / - button to display a popup showing all scales. To adjust the scale, press the + / - button or push the desired scale on the scale pop-up window.

Name	Description
1 Adjust Map Scale	Use the + / - buttons to display the scale bar
2 Auto Scale	When Auto is enabled, map scale automatically adjusts according to driving situation

Information

- The - will be disabled when set to max scale (1/250mi) and the + button will be disabled when set to min scale (1/150ft).

Map Menu

Press the Menu button.

The Set as Destination, Add Waypoint, Add to Address Book, Navi Vol. features can be used.
Some buttons are disabled in states when they cannot be used.

Information

- The Set as Destination button changes to Route Option for route recalculation depending on expected routes and driving situations.

Adjusting Navigation Volume

Press the Menu button ▶ Press Navi Vol. .

Press the button to turn the navi guidance volume on/off.
Press Menu ▶ Navi Vol. button to display a popup used to adjust volume and adjust the navi guidance volume to the desired loudness.

POI Display

Press the POI button.

When POI menus are displayed, pressing one of the 6 POI icon buttons will display the corresponding POI icons.

Name	Description
1 POI Icon	Shows/hides corresponding POIs
2 Unmark All	Unmarks selected POI Icons
3 Edit POI Icon	Edit the 6 POI icons shown within the menu
4 Search by Local POI	Searches selected POI

Editing POI Icons

Press POI ▶ Press the Edit POI Icon button ▶ Press Done .

Press the Edit POI Icon button to select the desired facility from the various facility types.

Up to six favorite facilities can be set.

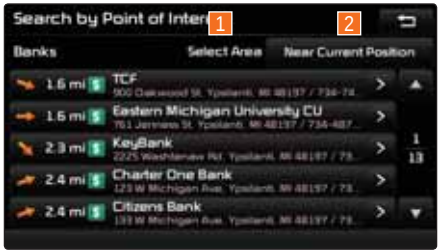
Press the Default button to reset the displayed POI icons.

Initially, Gas Station, Parking, Fast Food, Hospital, Auto Service, and Bank are set as default.

Searching POIs

Press the **Search by local POI** button.

This feature is used to search nearby POIs.



Name	Description
1 Select Area	Use the Select Area feature to change the area.
2 Near Current Position	Within the 'Search by POI menu, searches facilities based on the current vehicle positio

Information

- When searching POIs, you can only search POIs within selected categories.
- The **Near scroll mark** menu is enabled only when the map has been scrolled.

Adding a My Place

Press **Menu** ▶ **Add to Address Book** .

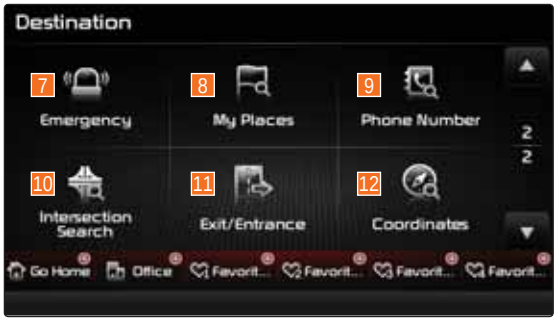
Feature used to save the current position or scroll position

Information

- The **Speed Alert** button is displayed when a point is saved with the speed limit of the road while driving on the road.

Destination Search

Press the DEST key to display the Destination Search menu screen.



The Destination Search screen includes various search menus as well as shortcuts to Favorites that provide maximum convenience in searching for destinations.

Name	Description
1 Address	Used to search destinations by selecting specific states/cities/roads
2 Previous Destinations	Used for route guidance to recently set destinations
3 Point of Interest	Used to search for neighboring POIs near current position/near scroll position/near destination/near city center
4 POI Name	Used to search for POIs by name
5 Gas Station	Used to search for gas stations
6 Restaurants	Used to search for restaurants
7 Emergency	Used to make emergency related searches
8 My Places	Displays list of saved My Places
9 Phone Number	Used to search destinations by entering POI phone numbers
10 Intersection Search	Used to search destinations by selecting street intersections
11 Exit/Entrance	Used to search destinations by searching for expressway exits/entrances
12 Coordinates	Used to search destinations by entering the Lat/Long coordinates

Address

Press the DEST key ▶ Press Address .

Feature used to search destinations through addresses, including House No., Street name, City name, etc.

Enter the name of the Street, City and State corresponding to the desired destination. Once search is complete, press the Search button to select the desired location from the list.

Previous Destinations

Press the DEST key ▶ Press Previous Destination .

Name	Description
1 By Date	Sorts POIs and locations by added date
2 By Name	Sorts POIs and locations by name
3 Delete Items	From various entries, items can be selected and deleted all at once

Information

- If the POI or region name is too long and cannot be displayed within one screen, pressing the ❯ button will move the name to the left to display the full name.

POI (Point of Interest) Search

Press the DEST key ▶ Press POI .

This feature is used to search facilities using POI categories. It is possible to search through previous search history.

POI Name Search

Press the DEST key ▶ Press POI Name .

Feature used to search facilities by entering POI names

Use the Select Area and Select Category features to select the category or area to conduct searches.

Gas Station

Press the DEST key ▶ Press Gas station .

This search feature is used to search destinations by street intersections throughout the map.

Enter the name of the Street, City and State corresponding to the desired destination. Once search is complete, press the Search button to select the desired location from the list.

Restaurants

Press the DEST key ▶ Press Restaurants .

This search feature is used to search destinations by street intersections throughout the map.

Enter the name of the Street, City and State corresponding to the desired destination. Once search is complete, press the Search button to select the desired location from the list.

Emergency

Press the DEST key ▶ Press Emergency .

This search feature is used to search for police stations, hospitals, and dealerships in emergency situations.

Name	Description
1 Police Station	Displays list of Police Stations closest to the current position
2 Hospital	Displays list of Hospitals closest to the current position
3 Dealership	Displays list of Kia Motor Dealerships closest to the current position

My Places

Press the DEST key ▶ Press My Places ▶ Press Group.

This search feature is used to search destinations by selecting previously saved My Places to set as destinations. My Places can be placed in groups, and group names can be edited within Setup.

Name	Description
1 By Date	Sort POIs and locations by date
2 By Name	Sort POIs and locations by name
3 By Symbol	Sort POIs and locations by symbol
4 Delete Items	From various entries, items can be selected and deleted all at once

Information

- If the POI or region name is too long and cannot be displayed within one screen, pressing the ❯ button will move the name to the left.
- It is possible to save up to 100 My Places per Group.

Phone Number

Press the DEST key ▶ Press Phone Number .

This search feature is used to search the locations of POIs by entering the phone number of the desired POI destination.

- Area codes must be entered to complete the search.

Information

- The phone number and location may differ for some POIs. In addition, the following types of facilities may be more frequently located in other locations.
- Locations of department stores, museums, and amusement parks may somewhat differ from the set destination. Check the exact address when trying to reach such destinations.
- Within general information newspapers, there are cases when phone numbers of concert halls actually list the numbers of management companies. In such cases, destination searches will be made to the management companies.
- The telephone number and addresses may change at any time.

Intersection Search

Press the DEST key ▶ Press Intersection Search .

This search feature is used to search destinations by street intersections throughout the map.

Enter the name of the Street, City and State corresponding to the desired destination. Once search is complete, press the Search button to select the desired location from the list.

Exit/Entrance

Press the DEST key ▶ Press Exit/Entrance.

This search feature is used to search destinations by entering the Exits and Entrances of corresponding expressways. Enter the name of the Freeway corresponding to the desired destination. Once search is complete, press the Search button to select the desired location from the list.

Coordinates

Press the DEST key ▶ Press Coordinates.

This search feature is used to search destinations by entering coordinates. Two coordinate entry formats are supported. Select the desired format upon starting search.

Setting a Destination

Press the DEST key ▶ Search for the Destination ▶ Press Set as Destination.

(Alternative Route)

(Route Overview)

- To conduct a destination search through the desired search method, select the desired destination from the list. (For more information on destination search methods, refer to the 'Destination Search' section.)
- After verifying the location of the searched destination, press the **Set as Destination** button to calculate the route. The Route Overview or Alternative Route screen will be the displayed.
- Press the **Add Waypoint** button to add a waypoint destination.
- Within the Route Overview or Alternative Route screen, press the **MAP VOICE** key or the **Start Guidance** button to start route guidance.

Information

- If you press the **Set as Destination** button while a previous destination has already been set, the pop-up 'Replace destination?' will be displayed.
- If you press **Yes** , then the previous destination is deleted and the new destination will be set. Pressing the **Add Waypoint** button will add a waypoint destination.
- After route calculation, the Route Overview screen or Alternative Route screen is displayed depending on whether the "Use Alternative Route Search" feature is on/off within Navigation settings.

One Touch Scroll Setting

The destination can be set to the current map display.

- Within the map screen, touching a position on the map will move the map to the center of the selected position and display the scroll mark.
- Press the **Menu** button to set the selected position as a waypoint or destination.

Route Calculation

- Once you have set a destination, calculate the route. The route overview and route option menus will be displayed.
- After checking the Route Overview, press the MAP VOICE key or the Start Guidance button or just drive for over 3 mph or for approximately 5 seconds to start guidance.

Information

- To learn more about 'Alternative Route', 'Route Overview', or 'Detailed Route Settings' refer to the 'Route Menu' section.

Demo

After a route has been calculated, press the Demo button to begin simulated driving of the calculated route.

- Within the Route Overview screen, press the Demo button.
- During Demo, press the MAP VOICE key to end the demo and display the current map position. If you start driving while viewing the route demo, demo will end and route guidance will start.

Information

- Demo will not operate after starting route guidance. To use the Demo feature, use after route calculation but prior to starting route guidance.
- During Demo the "Fast/Normal/Auto" menus are displayed and it is possible to adjust the demo speed.

Add Waypoint

After searching for waypoints, press the **Add Waypoint** button to add the waypoint to the current route.

Route Recalculation

Once a route has been set, the **Recalculate** button is displayed at the top of the menus. Pressing the **Recalculate** button will display a pop-up that allows you to change route options. Once the settings are changed, the route is recalculated by reflecting the changes.

Information

- For more information on Faster Time, Shorter Distance, and other route calculation options, refer to the route calculation section.

Cancel Route

In the Map menu screen, press the **Cancel Route** button.

Information

- You can cancel the route by pressing the **Cancel Route** button that is displayed after pressing the **Menu** button.

Route Guidance

Preliminary guidance, highway mode, turn list guidance, and other guidance screens are displayed according to the current road condition.

Within the guidance map screen, if the current position is on route, then intersection guidance will be provided once you are nearby an intersection.
Also, the intersection zoom screen is displayed when nearby an intersection.

Information

- Within all guidance mode screens, pressing the button at the bottom right side of the screen will change the route guidance mode.
- Each time the button is pressed, the guidance mode will change in order of preliminary guidance → turn list → highway guidance mode. (The icon within the button indicates the mode that will be displayed upon next press.)
- Highway and intersection zoom guidance are displayed during guidance at corresponding roads.

Preliminary Guidance Mode

At the top right side of the screen, the next/after next turn info, remaining distance, direction, and other information are displayed.

Intersection Zoom Mode

This mode provides detailed guidance nearby intersections before the next turn. This mode is displayed starting from 0.5mi before the intersection.

Highway Mode

Upon entering a highway during route guidance, the highway mode will automatically be displayed. This mode is displayed when driving on a highway and mainly displays highway related POIs.

You can check information for various POIs by using the View All , Summary , and Rest Area buttons.

Name	Description
1 View All	Guidance for all POIs on the highway
2 Summary	Shows list of turn points and other directional route guidance while driving within highway
3 Rest Area	Guidance for only the rest areas on the highway

When scrolling through POIs by using the ▼ , ▲ buttons, pressing the button will select the POI closest to the current position.

Information

- When there are more than four POI marks that can be listed, some POIs may be omitted and not displayed.

Turn List Mode

Turn List Mode shows turn information on the current route.

Route Menu

Press the ROUTE key to use, edit, or optimize various route options.

Name	Description
1 Cancel Route	Cancels the currently set route
2 Route Overview	Shows the route overview to the set destination
3 Route Info	Shows detailed info for the current route
4 Route Options	Route calculation settings with various options for calculating a route
5 Detour	Used to select and edit detour road/streets
6 Avoid Streets	Used to edit the route by avoiding streets
7 Edit Route	Used to add/delete/change the order of destinations/waypoints
8 Avoid Area	Used to edit route by adding Avoid Areas/Editing Avoid Areas and Deleting Avoid Areas

Cancel Route

Press the ROUTE key ▶ Press Cancel Route .

Route Overview

Press the ROUTE key ▶ Press Route Overview .

Name	Description
1 Start Guidance	Starts guidance to the set Route/Displays the current vehicle position
2 Edit Route	Used to add/delete/change order of destinations/ way-points
3 Route Info	Shows route info to the set destination
4 Route Options	Used to set route calculation options
5 Demo	Starts demo to the set destination

Within the Overview screen, buttons that cannot be used are disabled.

Route Info

Press the ROUTE key ▶ Press Route Info .

The turn points and distance information by key roads within the set route are displayed. Press the MAP button next to each road name to display the map position for the corresponding location.

Route Option

Press the ROUTE key ▶ Press Route Option ▶ Set and press Done .

Route Options refer to conditions used to calculate the route to the destination. The route is automatically recalculated if the route options and detailed route settings are changed.

Name	Description
1 Faster Time	Faster time route that reflects distance and traffic conditions
2 Shorter Distance	The shortest distance from start point to the destination
3 Minimize Freeway	Route calculation with minimal use of highway
4 Minimize Toll Roads	Route calculation with minimal use of toll roads
5 Use Ferries	Route calculation by including use of ferries
6 Use HOV/ Carpool Lanes	Route calculation by including use of carpool lanes
7 Use Toll Pass	Route calculation by including use of Toll Pass
8 Apply Traffic Information	Option that applies traffic information to calculate routes

Detour

Press the ROUTE key ▶ Press Detour .

The Detour menu is used to redefine the route by setting a detour to a certain distance from the current position.

Avoid Streets

Press the ROUTE key ▶ Press Avoid Streets ▶ Select the streets you want to avoid and press Done .

This feature is used to select specific streets to avoid within the current route. Select Avoid to avoid the particular streets in the route overview that are desired to be avoided.

Edit Route

Press the ROUTE key ▶ Press Edit Route ▶ Set and press Done .

The Edit Route menu displays the start point, waypoints, and the destination in list format and is used to edit corresponding positions or the order of destinations within the route.

Avoid Area

Press the ROUTE key ▶Press Avoid Area ▶ Set and press Done .

This feature is used by creating a rectangle over the area to avoid.

An area set as an avoid area is excluded from the calculated route. If a route had been calculated prior to creating an avoid area, the route will automatically be recalculated.

The screen will prompt to select the first corner of the square of the avoid area, followed by the second corner.

Logo/Landmarks

These are landmark and logo icons that display facilities within 2D map mode. The size of the symbol may be displayed differently according to the map scale. Symbols may change without prior notice during map updates. Symbols shown within the manual represent a portion of all symbols and shou as a reference.

Logo

Category	Sub-category	Icon
Restaurants	Restaurants	
	American	
	French	
	Italian	
	Continental	
	Mexican	
	Japanese	
	Chinese	
	Korean	
	Vegetarian Food	
	Seafood	
	Latin American	
	Asian	
	African	

Category	Sub-category	Icon
Restaurant	Coffee Shop	
	Others	
Automotive	Automotive	
	Hyundai Dealerships	
	Kia Dealerships	
	Gas Stations	
	Parking	
	Auto Services	
	Road Assistance	
	Automotive Dealerships	
	Auto Parts	
	Car Washes	
	Motorcycle Dealerships	
Travel	Travel	
	Airports	
	Hotels	

Category	Sub-category	Icon
Travel	Tourist Information	
	Tourist Attractions	
	Travel Agents	
	Rest Areas	
	City Centers	
	Rental Car Agencies	
	Campgrounds	
	Ferry Terminals	
	Bus Stations	
	Local Transit	
	Train Stations	
Shopping	Shopping	
	Department Stores	
	Convenience Stores	
	Shopping Centers	
	Grocery Stores	

Category	Sub-category	Icon
Shopping	Music Store	
	Bookstore	
	Electronics	
	Gifts	
	Sporting Goods	
	Home Specialty Store	
	Clothing	
	Shoe Store	
	Pharmacies	
Recreation	Recreation	
	Amusement Park	
	Museum	
	Cinema	
	Golf Course	
	Sports Complexes	
	Sports Activities	
	Wineries	
	Video & Game Rental	
	Ski Resort	
	Recreation Area	

Category	Sub-category	Icon
Recreation	Other Recreation Areas	
Financial Service	Financial Services	
	Banks	
	ATMs	
	Check Cashing Services	
	Money Transfer	
	Business Facilities	
Community	Community	
	Police Stations	
	Post Offices	
	Libraries	
	Schools	
	Fire Departments	
	Convention Centers	
	City Halls	
	Civic Centers	
	Court Houses	
	Government Offices	
	Waste & Sanitary	
	Utilities	

Category	Sub-category	Icon
Services	Services	
	Hospitals	
	Dentists	
	Photography	
	Tax Services	
	Medical Services	
	Attorneys	
	Funeral Homes	
	Hair & Beauty	
	Cleaning & Laundry	
	Social Services	
	Physicians	
	Communication	
	Tailors & Alterations	
	Movers	

2D Landmarks

Category	Sub-category	Icon
	Airport	
	Park	
	Golf course	
	University	
	SHOPPING CENTER	
	Industrial Complex	
	Hospital	
	Cemetery	
	Sports Complex	
	Emergency Service Building	
	Post Office Building	
	Amusement park	
	Animal Park	
	HATCI	

4 Bluetooth® Handsfree

- Before Use
- Basic Mode Screen
- Using *Bluetooth®* Wireless Technology

CAR MULTIMEDIA SYSTEM

Before Using the Bluetooth® Handsfree

What is *Bluetooth*® Wireless Technology?

- *Bluetooth*® Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.

- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, *Bluetooth*® Wireless Technology to be transmitted at high speeds without having to use a connector cable.

- Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the multimedia system.

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

CAUTION

- Bluetooth® Handsfree is a feature that enables drivers to conveniently make calls, 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 operation while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device when unsafe or illegal to do so.
- 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 and only when safe to do so.

CAUTION

- 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.

- To set Auto Connection, go to SETUP ▶ Setup ▶ Phone ▶ Bluetooth Connection ▶ Auto Connection .
- The car name can be set at SETUP ▶ Setup ▶ Phone ▶ Device Information .
- The passkey needed to connect the mobile phone can be verified/changed at SETUP ▶ Setup ▶ Phone ▶ Change Passkey .
- If the Bluetooth® audio does not play, go to SETUP ▶ Setup ▶ Phone ▶ Audio Streaming Setting . If the feature is set to Off , turn On and try again.
- Park the vehicle when connecting the head unit with the mobile phone.
- Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.

1. Turn the Bluetooth® function within the mobile phone OFF/ON and try again.
2. Turn the mobile phone power OFF/ON and try again.
3. Completely remove the mobile phone battery, reboot, and then again.
4. Reboot the multimedia system and try again.
5. Delete all paired devices, pair and 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. 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.

When no Phones Have Been Paired

Press the key on the steering wheel or press the PHONE ▶ Press Yes .

Information

- Press the Help button within the pop-up to view the help section with information related to pairing and connecting Bluetooth® devices and using Handsfree related features.
- The same Help section can be viewed by going to SETUP ▶ Info/UVO ▶ Help Phone .

Pairing from the Bluetooth® Device

In the Search from Device screen ▶ Search for the car name and pair the device ▶ Enter the Passkey ▶ Bluetooth® becomes connected.

From the Bluetooth® device, search for the car name and pair the device.

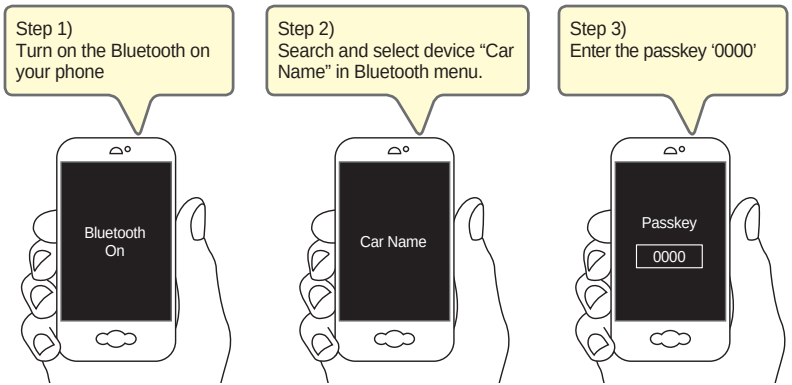
When searching from the Bluetooth® device, the car name is KIA MOTORS and the default passkey is '0000'.

Information

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

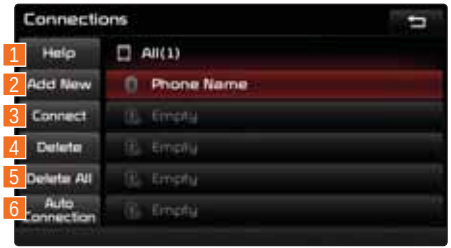
Information

- To learn more about searching from Bluetooth® devices and pairing, refer to the user's manual for your Bluetooth® device.
- Bluetooth® devices cannot be paired when the vehicle is in motion. first park the vehicle to pair a Bluetooth® device.



When a Phone is Already Paired

Press the key on the steering wheel or press the **PHONE** ▶ Press **Yes** ▶ Select the device from the device list ▶ Press **Connect** .



- Select the device you want to connect and press the **Connect** button.
- If the phone you want to connect does not exist, press the **Add New** button to pair a new Bluetooth® device.

Name	Description
1 Help	Help section related to pairing and connecting/disconnecting Bluetooth® devices and Hands-free phone features
2 Add New	Pair a new Bluetooth® device
3 Connect/ Disconnect	Connect or disconnect a Bluetooth® device
4 Delete	Delete a paired Bluetooth® device
5 Delete All	Delete all paired Bluetooth® device
6 Auto Connection	Set Bluetooth® auto-connection when car ignition is turned on

When Pairing Additional Device

Press the Add New button to pair a new Bluetooth® device.

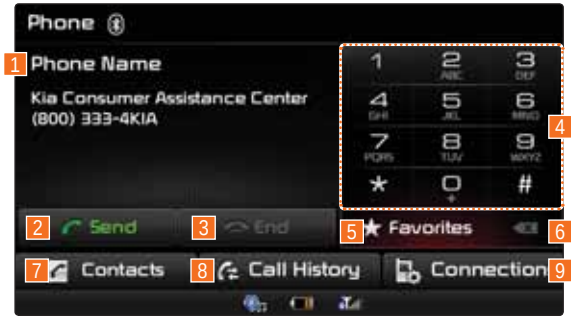
For more information on pairing, refer to the 'When no phones have been paired' section.

Information

- When a Bluetooth® device is connected, a new device cannot be paired. If you want to pair a new phone, first disconnect the connected Bluetooth® device.

When There is a Connected Device

Press the key on the steering wheel or the PHONE key on the head unit to display the following screen.



Enter the phone number you wish to call and press the Send button.

Information

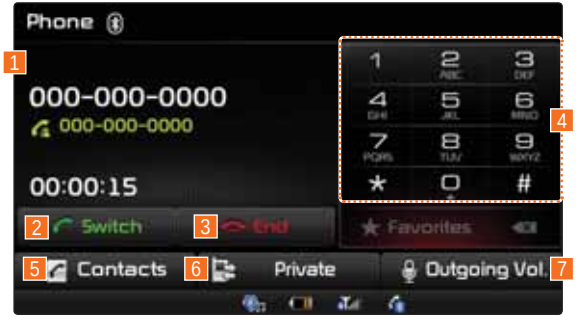
- The mobile phone battery and signal strength icons may not be supported in some mobile phones.
- The remaining battery level displayed on your mobile phone battery icon may slightly differ with the device display.
- The speed dial feature may not be supported in some mobile phones.

Name	Description
1 Info Display Window	Displays name of currently connected device and number of Kia Consumer Assistance Center
2 Send	If no number has been entered, switches to call history screen If a number has been entered, calls the number
3 End	If a number has been entered, deletes the number During a call, ends the current call
4 Dial Pad	Used to enter the phone number Press and hold 0 to enter a '+' Press and hold 1 ~ 9 to connect to the speed dial saved within the mobile phone
5 Favorites	Displays the Favorites list screen
6 Delete	Deletes entered numbers one digit at a time
7 Contacts	Displays contacts list screen
8 Call History	Displays recent call history
9 Connections	Displays the Bluetooth® device Connections screen

Status Bar Icons

Name	Description
	A state when Bluetooth® Handsfree and streaming Audio is all connected
	Displays the remaining battery for the connected Bluetooth® device
	Displays the call signal strength

During a Call



The name of the other party is displayed if the number is saved within your contacts. If not, only the phone number is displayed. During a call, the other party's name/number and the call time are displayed.

Information

- The telephone number may not be displayed in some mobile phones.

Name	Description
1 Info Display Window	Displays other party's name/number If there is a waiting call, displays the call waiting information
2 Switch	If there is a call waiting, switches the current call and connects the waiting call
3 End	Ends call
4 Dial Pad	Used to enter phone number
5 Contacts	Displays the Contacts screen
6 Private	During a handsfree call, this function is used to switch the call to the mobile phone Upon switching the call to Private, the vehicle mic and speaker will turn off to allow a private conversation through the mobile phone
7 Outgoing Vol.	Adjusts outgoing volume during calls Sets call volume as heard by the other party (Levels 0~5) The outgoing volume may be heard differently depending on the connected Bluetooth® device

Status Bar Icons

Name	Description
	Mutes call volume
	Bluetooth® phone call
	Mobile phone contacts or call history download status
	State when Bluetooth® streaming Audio is connected
	State when Bluetooth® Handsfree is connected

Making/Answering Calls

Calling by Dialing a Number

Enter number on the Dial Pad ▶ Press the Send or the key on the steering wheel.

Press the Send button or the key on the steering wheel to re-enter the most recently called number on the phone screen. If pressed again, a call is made to the number.

Press and hold the dial pad 0 + (over 0.8 seconds) to enter a "+".

Name	Description
1 Send	Calls the entered phone number
2 End	Deletes all entered numbers

Information

- Most Audio and Setup mode features will not operate during a Bluetooth® handsfree call. Only the call volume and Navigation mode screen can be operated.

Making a Call from Speed Dial

Enter the 1 or 2 digit speed dial number with the Dial Pad ▶ Press and hold the last number.

Information

- For speed dials saved within mobile phones, up to 2 digits are supported.
- Saving or changing speed dial numbers through the head unit is not supported.

Calling through Redial

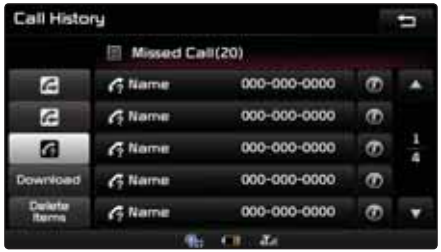
Press the Send button or the key on the steering wheel to re-enter the most recently called number on the phone screen. If pressed again, a call is made to the number. Pressing and holding the key on the steering wheel will also redial the most recently called number.

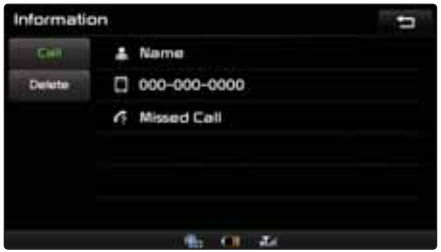
Information

- Redialing is not possible when there is no call history or the Bluetooth® phone has not been connected.

Making a Call from Call History

Within the Phone screen, press the Call History button ▶ Select contact from the Call History ▶ Press Call .





Information

- Calling through the call history is not possible when there is no call history or the Bluetooth® phone has not been connected.
- Within the call history screen, press the Download button to download the call history saved in your mobile phone into the vehicle.
- For more information on downloading call histories, refer to the "Call History ▶ Downloading Call History" section.

Answering a Call

Incoming call notice ▶ Press the **Accept** button or the key on the steering wheel

When there is an incoming call, the bell will sound and the phone number of the other party will be displayed on the incoming call pop-up, as shown here.

Information

- When the incoming call pop-up is displayed, most audio and SETUP mode functions will not operate. Only the call volume and Navigation screens can be operated.
- The telephone number may not be displayed in some mobile phones.

Rejecting a Call

Incoming call notice ▶ Press the **Reject** button or the key on the steering wheel

Information

- The reject call function may not be supported in some mobile phones.

Operating Menus during a Call

Switching Call to Bluetooth® Phone

During handsfree call ▶ Press the Private button or press and hold the key (over 0.8 seconds) on the steering wheel

The call will be switched from the hands-free to the Bluetooth® mobile phone.

Information

- The Private function may not be supported in some mobile phones.

Switching Call to Handsfree

During call on mobile phone ▶ Press the Use Handsfree button or press and hold the key (over 0.8 seconds) on the steering wheel

The call will be switched from the Bluetooth® mobile phone to the car handsfree.

Ending a Call

While on a call ▶ Press the End button or the key on the steering wheel.

The Bluetooth® handsfree call will end.

Switching to Call Waiting

If another person calls while you are already on a call, the current call must be placed on hold or ended to answer the new call.

If there is waiting call, press the key on the steering wheel (under 0.8 seconds) or press the Switch button on the Phone screen.

Name	Description
1 Hold 1st Call	Places current call on call waiting and answers new call
2 End 1st Call	Ends current call and answers new call
3 Reject	Rejects new call and maintain current call
4 Switch	If there is a call waiting, switches to the waiting call

Information

- Call waiting is a feature that allows the caller to answer a second call while already on a call. When call waiting is used, the first call is placed on hold.
- Switching to call waiting may not be supported in some mobile phones.

Setting Mic Volume

While on a call ▶ Press the Outgoing Vol. ▶ Set Outgoing Volume ▶ Press OK.

If you press the Mute button, the outgoing volume is muted and blocked to the other party.

Information

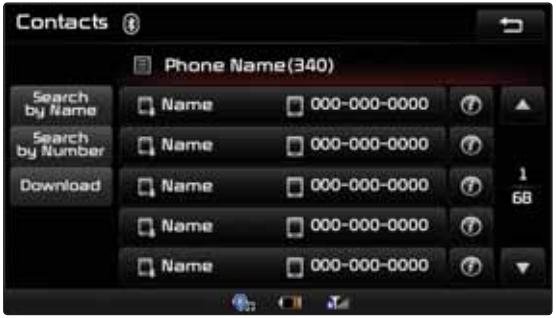
- The volume heard by the other party may differ depending on the mobile phone. If call volume heard by the other party is too low or too high, adjust the volume setting.

Adjusting the Ring/Call Volume

While on a call ▶ Use the VOL knob on the head unit or the VOL + , VOL - keys on the steering wheel to adjust the ring/call volume.

Contacts

Press the PHONE key on the head unit or the key on the steering wheel ▶ Press Contacts .



Information

- For contacts, up to 5,000 entries can be downloaded to each paired Bluetooth® device.
- Contacts can be viewed only when a Bluetooth® device has been connected.
- If there are numerous list entries, selecting the list page area will move to the corresponding list page.
- It is possible to download contacts during a call or while operating Bluetooth® streaming audio mode.
- When downloading contacts, the icon will be displayed within the status bar.
- It is not possible to download contacts when the contacts download setting has been turned off within your Bluetooth® device.
- Some devices may also require device authorization to download contacts.
- If downloading cannot be normally conducted, check the Bluetooth® device settings or whether download confirm popup is displayed on the phone screen.
- The download feature may not be supported in some mobile phones.
- Check to see that the Bluetooth® device supports the download feature.
- For more information on mobile phone compatibility, visit the Kia Motors America, Inc website (http://www.kia.com).

Mobile Contacts Screen Configuration

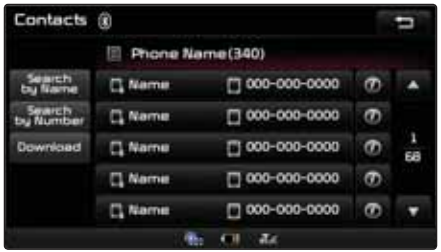
Name	Description
1 Search by Name	Name search downloaded mobile phone contacts
2 Search by Number	Number search downloaded mobile phone contacts
3 Download	Download contacts from Bluetooth® device
4 Bluetooth® Device Name	Name of connected Bluetooth® device
5 List Page	Displays total number of list pages and current list page (List page jump upon selecting scroll area)
6 Download Source	Displays whether contacts were downloaded from the mobile phone or SIM

Information

- Mobile phone contacts can be searched only when a Bluetooth® device is connected.
- Up to 5,000 contacts from your Bluetooth® phone or SIM can be downloaded into the car contacts. Contacts that have been downloaded to the car cannot be edited or deleted.
- Mobile phone contacts are managed separately for each paired Bluetooth® device (max 5 devices x 5,000 contacts each). Previously downloaded data will be stored even if the Bluetooth® device has been disconnected. (However, the contacts and call history saved to the phone will be deleted if the paired phone is deleted.)
- Downloaded contacts could be lost depending on the state of the head unit. Always make sure to back up important data.

Downloading Mobile Phone Contacts

Press the **Download** button in the Contacts screen ▶ Press **Yes** .



Information

- Time required to download contacts may differ depending on your mobile phone model or data size.

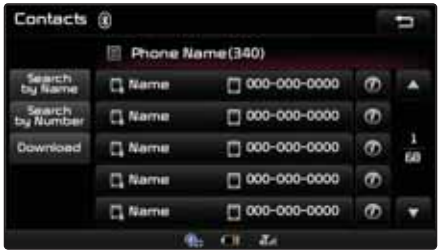
After Pairing is complete, a contacts download request is sent to your mobile phone. Some phones require additional confirmation. Please check your phone and accept the download request if necessary.

Information

- Upon downloading mobile phone contacts, the previous data is deleted.
- This feature may not be supported in some mobile phones.
- Upon downloading, contacts saved in your SIM and mobile phone are downloaded simultaneously.
- When using Contacts Sync, the contacts and call histories within your mobile phone are automatically downloaded once Bluetooth® is connected.
- To turn this feature off, go to **SETUP** ▶ **Setup** ▶ **Phone** ▶ **Contacts Sync Setting** .

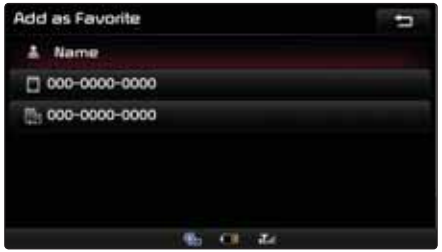
Checking Mobile Contacts Details

Select the desired phone number from the mobile contacts list to check details about the contact.



Adding as a Favorite

Select number from the Contacts screen ▶ Within the details screen, press **Add as Favorite** .



Information

- Up to 8 Favorites can be added.
- Saved Favorites can be viewed by pressing the **★ Favorites** button in the Phone screen.
- The Favorites Information screen is displayed only when there are more than 2 saved numbers.
- If there is only 1 saved number, then the number is directly saved to the Favorites list.

Favorites

Calling Favorites

In Phone screen ▶ Press ★ Favorites ▶ Select the desired Favorite ▶ Call is connected.

Information

- Favorites can be added through Phone Contacts ▶ Select contact ▶ Add as Favorite .
- Up to 8 Favorites can be added and Favorites can be used only when a Bluetooth® device has been connected.

Selecting/Deleting Favorites

In Favorites screen ▶ Press Delete Items ▶ Select items you want to delete and press Delete ▶ Press Yes .

Searching Contacts

Search by Name

Press the Search by Name button ▶ Enter name and press Search .

Information

- When searching for a number it is possible to search by entering just a part of the name.

Searching by Number

Press the Search by Number button ▶ Enter number and press Search .

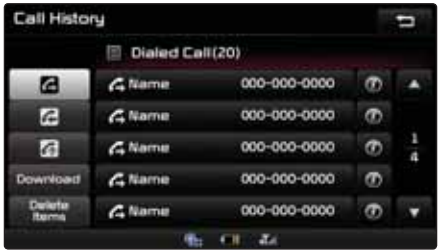
Information

- When searching a number, it is possible to search by entering just a part of the entire number.
  (ex : if you enter "1544", all numbers that include "1544" will be searched.)

Call History

Entering Call History Screen

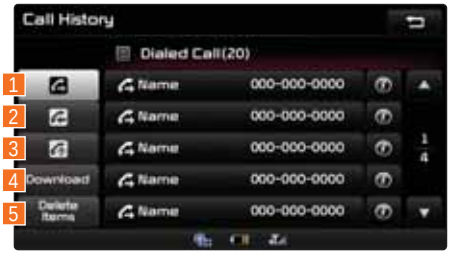
Within the Phone screen, press the **Call History** button.



Information

- The call history may not be saved in the call history list in some mobile phones.
- Calls received with hidden caller ID will not be saved in the call history list.

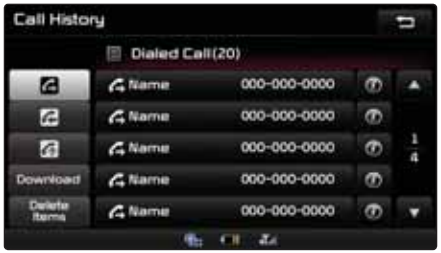
Call History Screen Configuration



Name	Description
1 Dialed Call	Displays the outgoing call history list
2 Received Call	Displays the incoming call history list
3 Missed Call	Displays the missed call history list
4 Download	Downloads call history from mobile phone
5 Delete Items	Deletes the call history

Downloading Call History

In Call History screen ▶ Press Download .

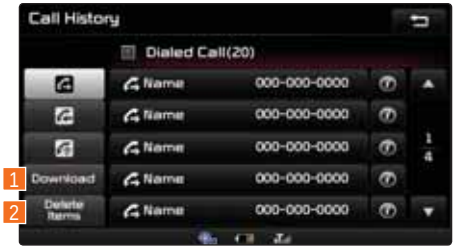


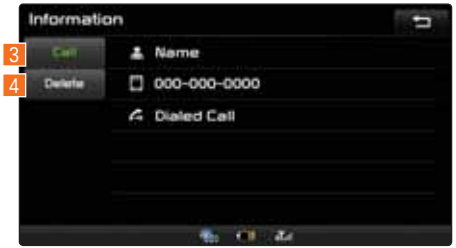
Information

- Up to 20 dialed, incoming, and missed call history lists can be downloaded. The dialed/incoming time and call time information are not supported.
- Sorting call histories by time is not supported.
- It is possible to download call history even during a call or during Bluetooth® streaming audio.
- When downloading call histories, the icon will be displayed within the status bar.
- It is not possible to start downloading when the call history download feature is turned off within the Bluetooth® device. Also some devices may require device authorization upon attempting to download call history. If downloading cannot be normally conducted, check the Bluetooth® device settings or the screen state.
- The download feature may not be supported in some mobile phones. Check to see that the Bluetooth® device supports the download feature.
- After Pairing is complete, a contacts download request is sent to your mobile phone. Some phones require additional confirmation. Please check your phone and accept the download request if necessary. (ex: Android and Blackberry phones)
- For more information on mobile phone compatibility, visit the Kia Motors America, Inc website (http://www.kia.com).

Viewing Call History Information

Within the Call History screen, select the wanted call.



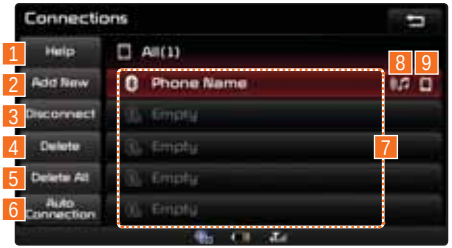


Name	Description
1 Download	Download call histories from mobile phone
2 Delete Items	Deletes the call history
3 Call	Calls the number
4 Delete	Deletes the call history

Setting Bluetooth® Connection

Press the Connections button on the Phone screen.

Connections Menu



Name	Description
1 Help	Displays Bluetooth® Help screen
2 Add New	Pairs a new Bluetooth® device
3 Connect/ Disconnect	Connects/disconnects a Bluetooth® device
4 Delete	Deletes a paired Bluetooth® device
5 Delete All	Deletes all paired Bluetooth® devices
6 Auto Connection	Sets Bluetooth® device auto connection when car ignition is turned on
7 Paired Device List	Shows list of paired Bluetooth® devices
8 Streaming Connection State	Shows Bluetooth® Streaming connection state
9 Handsfree Connection State	Shows Bluetooth® Handsfree connection state

Connecting a Device

Select the device you wish to connect from the list ▶ Press **Connect** .

The Phone screen is displayed once Bluetooth® Handsfree is connected, and the Bluetooth® Audio screen is displayed once audio streaming is connected.

Pairing a New Device

For more information on pairing, refer to the 'When no phones have been paired' section.

Information

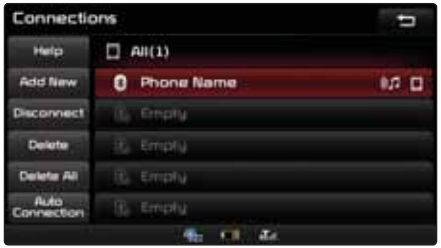
- Bluetooth® features supported within the vehicle are as follows. Some features may not be supported depending on your Bluetooth® device.
  - Answering and placing Bluetooth® Handsfree calls
  - Menu operation during call (Switch to Private, Switch to Call Waiting, Outgoing Volume
  - Download Call History
  - Download Mobile Contacts
  - Download SIM Contacts
  - Contacts/ Call History Auto Download
  - Bluetooth® device auto connection
  - Playing Bluetooth® Streaming Audio
- It is possible to pair up to five Bluetooth® devices to the car system.
- Only one Bluetooth® device can be connected at a time.
- Other devices cannot be paired while a Bluetooth® device is already connected.
- When a Bluetooth® device is in the process of connecting, the connection process cannot be canceled.
- Only Bluetooth® Handsfree and Bluetooth® Audio related features will operate within this system.
- Normal operation is possible only for devices that support handsfree or audio features, such as a Bluetooth® mobile phone or a Bluetooth® audio device.
- Only one function can be used at a time between the Bluetooth® handsfree and Bluetooth® audio. (While playing Bluetooth® audio, streaming will end upon entering the Bluetooth® phone screen.)

Information

- If a connected Bluetooth® device becomes disconnected for various reasons, such as being out of range, turning the device OFF, or a Bluetooth® communication error, Bluetooth® devices are automatically searched and connected.
- If the system becomes unstable due to communication errors between the vehicle and the Bluetooth® device, reset the Bluetooth® feature and try again. Upon resetting Bluetooth® feature, the system is restored to its factory release state. Press the SETUP key ▶ Setup ▶ Phone ▶ Restore Factory Settings .

Disconnecting a Device

Select the device you wish to disconnect ▶ Press **Disconnect** ▶ Press **Yes** .



Deleting a Device

Select the device you want to delete ▶ Press **Delete** ▶ Press **Yes** .

A device cannot be deleted if it is connected. To delete a paired device, first disconnect the Bluetooth® connection and then delete the paired device and then delete the paired device.

Press **Delete All** to delete all paired Bluetooth® devices.

Information

- If a paired phone is deleted, its call history and contacts lists will also be deleted from the system.

Setting Auto Connection

Press the Auto Connection button ▶ Select the desired option ▶ Set and press Done .

The Bluetooth® device will automatically be connected according to the option set when the car ignition is turned on.

When the user selected phone cannot be connected, the system automatically attempts to connect the most recently connected phone. When the most recently connected phone cannot be connected, the system attempts to connect all paired phones continuously. If you do not want to connect automatically, turn off Bluetooth within your mobile phone.

Information

- The Auto Connection button is a shortcut menu to go to SETUP ▶ Setup ▶ Phone ▶ Bluetooth Connection ▶ Auto Connection .

5 Voice Recognition

- Using Voice Recognition
- Voice Command Lists

CAR MULTIMEDIA SYSTEM

Using Voice Recognition

Creating a suitable cabin environment

- When using the voice recognition feature, only commands listed within the user's manual are supported.

- Voice Recognition and Phone Contact Tips The Kia Voice Recognition System may have difficulty understanding some accents or uncommon names. To maximize the use of Voice Recognition, consider these guidelines when storing contacts:
  - Do not store single-name entries (e.g., “Bob”, “Mom”, etc.). Instead, always use full names. (including first and last names) for these contacts
  - Do not use special characters (e.g., ‘@’, ‘-’, ‘*’, ‘&’, etc.).
  - Do not use abbreviations (i.e., use ""Lieutenant"" instead of “Lt.”) or acronyms (i.e., use “County Finance Department” instead of “C. F. D.”; Be sure to say the name exactly as it is entered in the contacts list.

- Be aware that during the operation of the voice recognition system, pressing some keys other than the key will terminate voice recognition mode.

- For superior voice recognition performance, position the microphone used for voice recognition above the head of the driver’s seat and maintain a proper position when saying commands.

- Within the following situations, voice recognition may not function properly due to external sound.
  - When the windows and sunroof are open
  - When the wind of the cooling/heating device is strong
  - When entering and passing through tunnels
  - When driving on rugged and uneven roads
  - During severe rain (heavy rains, windstorms)

- After downloading the Bluetooth® contacts, it takes some times to convert the contacts into voice information. During this time, voice recognition may not properly operate.

- Speak voice commands in a moderate tone, with clear pronunciation.

- The system may slow down slightly when using the Navigation to calculate a new route or re-calculating an existing route. In such cases, use voice recognition features after waiting a few moments.

Starting Voice Recognition

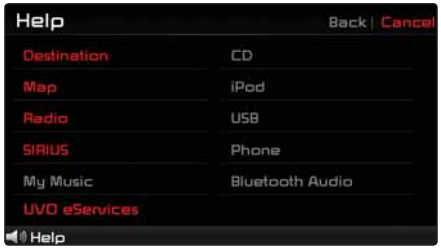
Starting Voice Recognition

Shortly press the key on the steering wheel (under 0.8 seconds) ▶ Say a command.

Once voice recognition starts, the voice command entry window and the six representative commands are displayed.

- If voice recognition is in [Normal Mode], then the system will say "Please say a command after the beep", followed by a beep tone.
- If voice recognition is in [Expert Mode], then you will only hear a beep.

(e.g. screen displayed when 'Help' is said)



NOTICE

- For proper recognition, say the command after the voice instruction and beep tone.

Information

- To change the Normal/Expert setting, press the SETUP key ▶ Press Setup and enter the Voice Recognition settings screen.

Skipping Prompt Messages

While prompt message is being stated ▶ Shortly press the key on the steering wheel. (under 0.8 seconds)

The prompt message is immediately ended and the beep tone will sound. After the "beep", say the voice command.

Re-starting Voice Recognition

While system waits ▶ Shortly press the key on the steering wheel. (under 0.8 seconds)

The command wait state will end and the beep tone will sound. After the "beep", say the voice command.

Ending Voice Recognition

While Voice Recognition is operating ▶ Press and hold the key on the steering wheel. (over 0.8 seconds)

While using voice recognition, pressing a steering wheel or a different key will end voice recognition.

Information

- In a state where the system is waiting for a voice command, say "cancel" or "exit" to end voice recognition.
- You can also press and hold the key on the steering remote controller to end voice recognition.

Using Voice Recognition

Press the key on the steering wheel(under 0.8 seconds). The voice command entry window and the six representative commands are displayed.

Information

- If voice recognition is set to 'Expert', then the 'Please say a command after the beep' prompt will not be provided. Only the 'beep' will sound.
- If voice recognition is set to 'Expert', then the six representative commands are not shown on the screen.
- After the 'Beep', the icon will change to the icon to indicate that a command can now be stated.

Adjusting Voice Recognition Volume

While Voice Recognition is operating ▶ Turn the VOL knob left/right to adjust the voice recognition prompt volume.

Illustration on Using Voice Recognition

(Setting Home as the Destination)

Press the key (under 0.8 seconds). The system awaits for your command and display a list of accessible commands on the screen.

Please say a command after the beep

Beep

Destination

Destination
Please say a command after the beep

Beep

Go Home

Voice Command List

Voice commands within this system are categorized into "Common Commands" and "Mode Commands."

- Common Commands (●) : commands that can be used in all situations.
- Mode Commands (○) : commands that can be used in specific multimedia/navigation/Bluetooth® mode states.

Information

- Some commands will operate properly only when a USB, iPod, Bluetooth® or other device has been connected.

Help Command List

	Command	Operation
●	Help	Displays the main Help screen
●	Destination Help	Displays the Destination related command list
●	Map Help	Displays the Map related command list
●	Radio Help	Displays the FM/AM radio related command list
●	SIRIUS Help	Displays the SIRIUS radio related command list
●	Disc Help	Displays the DISC mode related command list for the disc inserted in the CD Player
●	iPod Help	Displays the iPod related command list
●	USB Help	Displays the USB related command list
●	Phone Help	Displays the Phone related comand list
●	UVO eServices Help (Optional)	Display the UVO eServices releated command list

Audio System Command List

FM/AM Radio

	Command	Operation
●	Radio	Plays the most recent frequency for the most recently operated band
●	AM	Plays the most recent frequency for the corresponding band
●	FM	Plays the most recent frequency for the corresponding band In the case of FM. The most recent frequency within the most recently played FM1 or FM2 band is played
●	FM1/FM2	Plays the most recent frequency for the corresponding band
●	AM <530~1710>	Plays the desired AM band frequency (e.g. AM "Five-Hundred Thirty")
●	FM <87.5~107.9>	Plays the desired FM band frequency (e.g. FM "Eighty-Seven point Five")
●	AM Preset <1~6>	Plays the desired AM band preset frequency
●	FM1 Preset <1~6>	Plays the desired FM1 band preset frequency
●	FM2 Preset <1~6>	Plays the desired FM2 band preset frequency

	Command	Operation
○	Preset <1~6>	Plays the desired preset frequency for the current band
○	Scan	Scans receivable frequencies from the current broadcast and plays for 10 seconds each
○	Preset Scan	Plays through all presets 10 seconds each, beginning with the current preset

SIRIUS Radio

	Command	Operation
●	SIRIUS	Plays the last channel within the last band from SIRIUS1, SIRIUS2, and SIRIUS3
●	SIRIUS1/SIRIUS2/ SIRIUS3	Plays the most recent channel for the corre-sponding band
●	SIRIUS Channel <0~223>	Plays the desired SIRIUS band channel (e.g. SIRIUS channel "Eleven")
●	SIRIUS1 Preset <1~6>	Plays the desired preset channel for SIRIUS1 band
●	SIRIUS2 Preset <1~6>	Plays the desired preset channel for SIRIUS2 band
●	SIRIUS3 Preset <1~6>	Plays the desired preset channel for SIRIUS3 band
○	Channel <0~223>	Plays the desired channel of the current band
○	Preset <1~6>	Plays the desired preset channel of the current band
○	Scan	Scans receivable channels from the current broadcast and plays for 10 seconds each
○	Preset Scan	Plays through all presets for 10 seconds each, beginning with the current preset

CD(Audio Type)

	Command	Operation
●	CD	If the DISC inserted in the CD Player is either a CD or MP3 DISC, then the CD or MP3 will be played
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Repeat	Repeats the current track
○	Repeat Off	Cancels repeat play to play tracks in sequential order
○	Shuffle	Randomly plays the tracks within the CD
○	Shuffle Off	Cancels random Play to play tracks in sequen-tial order
○	Track <1~99>	Plays the desired track number

Voice Command Lists

CD(MP3 Type)

	Command	Operation
●	CD	If the DISC inserted in the CD Player is either a CD or MP3 DISC, then the CD or MP3 will be played
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next Folder	Plays the first file in the next folder
○	Previous Folder	Plays the first file in the previous folder
○	Repeat	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Shuffle	Plays all files within the CD in random order
○	Shuffle Off	Cancels random play to play files in sequential order

USB Music

	Command	Operation
●	USB	If the USB has been connected to the device, play the MP3 or image files within the USB
●	USB Music	If the USB has been connected to the device, plays the MP3 files within the USB
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Next Folder	Plays the first file in the next folder
○	Previous Folder	Plays the first file in the previous folder
○	Repeat	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Shuffle	Plays all files within the USB in random order
○	Shuffle Off	Cancels random play to play files in sequential order

iPod

	Command	Operation
●	iPod	Plays the songs within the iPod if the iPod has been connected to the device
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Repeat	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Shuffle	Plays all files within the current category in random order
○	Shuffle Off	Cancels random play to play files in sequential order

My Music

	Command	Operation
●	My Music	Plays the songs within the My Music
○	Play	Plays the currently paused song
○	Pause	Pauses the current song
○	Repeat	Repeats the current file
○	Repeat Off	Cancels repeat play to play files in sequential order
○	Shuffle	Plays all files within the current category in random order
○	Shuffle Off	Cancels random play to play files in sequential order

Others

	Command	Operation
●	Bluetooth Audio	Plays Bluetooth® Audio
●	Auxiliary	Plays the connected auxiliary device

Phone Command List

Command		Operation
●	Call	Displays list of saved contacts Say the name to connect the call to the corresponding contact
●	Call <Name>	Call <Name> saved in Contacts (e.g. Call "John Smith")
●	Dial Number	Makes the call to the number
●	Dial <Number>	Call can be made by dialing the spoken numbers (e.g. Dial "111 555 1234")
●	Call History	The user can select a number from the outgoing, incoming, and missed calls
●	Redial	Connects the most recently called number

UVO eServices Command List(Optional)

Command		Operation
●	UVO eServices	Display the UVO eServices related command list
●	Roadside Assist	Connect with a Roadside Assist agent.
●	eService Guide	Provides guidance on how to use UVO eServices
●	Vehicle Diagnostics	Informs you if a diagnostic issue is found in your vehicle
●	My POIs	Show Points of Interest list which downloaded from Google Maps and MyUVO

Navigation Command List

Destination

Command		Operation
●	Find Address	Sets the destination through address search for route guidance
●	Previous Destinations	Sets the previous destination as the current destination
●	Find Nearest POI	Sets a POI near the current position as the destination for route guidance through the POI category search
●	Find the Nearest <POI Category>	Sets a POI near the current position as the destination by directly inputting the POI name for route guidance (e.g. Find the Nearest "Restaurants") For more information on <POI Category>, refer to Page 3-30.
●	Find Emergency Police station	Searches for a police station near the current position and sets it as the destination for route guidance
●	Find Emergency Hospital	Searches for a hospital near the current position and sets it as the destination for route guidance

Command		Operation
●	Find Emergency Dealership	Searches for a dealership near the current position and sets it as the destination for route guidance
●	Go Home	Sets the previously registered home address as the destination for route guidance
●	Go to Office	Sets the previously registered office address as the destination for route guidance

Map

	Command	Operation
●	Map Current Location	Displays the current position of the vehicle
●	Voice Guidance On	Turns the Voice Guidance On
●	Voice Guidance Off	Turns the Voice Guidance Off
●	Repeat Voice Guidance	Repeats the route guidance
●	Cancel Route	Deletes the designated destination and terminates the route guidance
●	Distance to Destination	Reports the remaining distance until destination by voice
●	Time to Destination	Reports the remaining time until destination by voice
●	Replan Faster Time Route	Recalculates the route with faster time route
●	Replan Shorter Distance Route	Recalculates the route with shorter distance route

	Command	Operation
○	Zoom In/Zoom Out	Decreases/Increases the map zoom by one level
○	Zoom Maximum	Displays the map screen in the maximum zoom level
○	Zoom Minimum	Displays the map screen in the minimum zoom level
○	View Route	If the destination has been set, displays the entire route on the screen until the destination
○	Auto Zoom On	Turns the Auto Zoom feature on
○	Auto Zoom Off	Turns the Auto Zoom feature off
○	Auto Mode	Automatically converts the map display between daylight and night mode
○	Daylight Mode	Converts the map display into daylight mode
○	Night Mode	Converts the map display into night mode

POI Category List

Restaurants
African Restaurants
American Restaurants
Asian Restaurants
Chinese Restaurants
Coffee Shop
Continental Restaurants
Fast Food
French Restaurants
Italian Restaurants
Japanese Restaurants
Korean Restaurants
Latin American Restaurants
Mexican Restaurants
Seafood Restaurants
Vegetarian Restaurants
Other Restaurants
Automotive
Auto Parts
Auto Service
Automobile Dealership
Car Wash
Gas Station
Kia Dealership
Motorcycle Dealership
Parking

Rest Area
Road Assistance
Travel
Airport
Bus Station
Campground
City Center
Ferry Terminal
Hotel
Local Transit
Rental Car Agency
Tourist Attraction
Tourist Information
Train Station
Travel Agent
Shopping
Bookstore
Clothing Shop
Convenience Store
Department Store
Electronics Store
Gift Shop
Grocery Store
Home Specialty Store
Music Store
Pharmacy

Shoe Store
Shopping Center
Sporting Goods Store
Recreation
Amusement Park
Cinema
Golf Course
Museum
Recreation Area
Ski Resort
Sports Activities
Sports Complex
Video & Game Rental
Winery
Other Recreation
Financial Services
ATM
Bank
Check Cashing Service
Money Transfer
Community
Business Facility
City Hall
Civic Center
Convention Center
Court House

Fire Department
Government Offices
Library
Police Station
Post Office
School
Utilities
Waste & Sanitary
Services
Attorney
Cleaning & Laundry
Communication Services
Dentist
Funeral Home
Hair & Beauty
Hospital
Medical Service
Mover Services
Photography
Physician
Social Service
Tailor & Alteration
Tax Service

MEMO

6 Information

- UVO eServices (Optional)
- GPS Information
- Help

CAR MULTIMEDIA SYSTEM

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

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

Using UVO eServices and Cautions

- Download the UVO eServices App and install it on your smartphone. The app can be downloaded from your smartphone's app store.

- Pair and connect your smartphone with the vehicle. For information on connecting your Bluetooth device, refer to the smartphone user's manual and instructions on the Phone Help screen on your radio. Up to 5 Bluetooth devices can be paired with the vehicle.

- Login and activate the UVO eServices App on your smartphone.

- Some UVO eServices features will only be available when the your smartphone is connected with the vehicle via Bluetooth and the UVO eServices App is running.

- UVO eServices is fully compatible within some smartphones but may not operate properly within incompatible smartphones. To view the list of compatible smartphones, please visit MyUVO.com.

- Communication between the vehicle and smartphone app may temporarily disconnect depending on the phone state.

- If the feature is not operating properly, you may need to reset the UVO eServices App or the smartphone to try again according to the following steps.
  1. Try again
  2. Reset smartphone app
  3. Re-connect BT
  4. Reset smartphone
  5. Delete BT and pair again

- Some services use the customer's mobile phone data plan for data communication. And thus the features will function in accordance with the cellular plan.

- Use of the most up-to-date app version is recommended.

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

About UVO eServices

UVO eServices provides the following features through Bluetooth communication between the vehicle and your Smartphone.

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

Information

- UVO eServices is an optional feature available in select models, on select trims.

Information

- 24-hour Roadside Assistance is a service plan provided by Kia Motors America, Inc. Certain limitations apply. Coverage details are available in the Kia Warranty and Consumer Information Manual. For access to Enhanced Roadside Assistance, a connected mobile phone via Bluetooth within the cellular service coverage area is required.

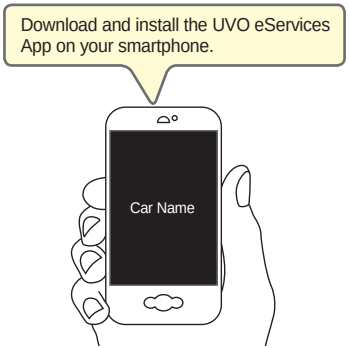
To use UVO eServices, the following conditions must be met.

1. The UVO eServices smartphone app must be installed and you must log in using your MyUVO account credentials.
2. The smartphone must be connected via Bluetooth.
3. Once this is complete, eServices must be activated (from the eServices Settings screen).

Before using UVO eServices

Installing the UVO eServices App on your smartphone

1. Download and install the UVO eServices App on your smartphone.
   The app can be downloaded from the Apple App Store or Google Play.
2. Register your vehicle and account at MyUVO.com
   Note: MyUVO.com is accessible from your phone's browser.
3. Start the UVO eServices App on your smartphone and log in.



Connecting Bluetooth

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

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

Pair a device from Bluetooth-enabled phone

1. Turn on the Bluetooth feature on your smartphone's Bluetooth settings screen.
2. Wait for "KIA MOTORS" to appear on your smartphone's Bluetooth settings screen. Note: "KIA MOTORS" may differ depending on your vehicle.
3. Select "KIA MOTORS" from your phone and enter the passkey shown on the touch screen.
   The default passkey is "0000".

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

NOTICE

- Press the **Help** button on the touch screen to view the help section related to pairing and connecting Bluetooth® devices, and using handsfree related features.
- Help section can also be viewed by pressing the **SETUP** key on the UVO eServices system, then pressing **Info/UVO** button, followed by **Help** button and **Phone** button on the touch screen.

Activating UVO eServices

Press the **SETUP** key ▶ Press **Setup** button.

Press the UVO eServices button.

Press the UVO eServices Activation button on the touch screen.

Before pressing the Activate button, ensure that you are running UVO eServices App on your smartphone and are logged in.

After pressing the Activate button, on the touch screen, the UVO eServices activation process will begin.

911 Connect

911 Connect

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

The 911 Connect feature is available only when the mobile phone is connected via Bluetooth.
By default, this feature is turned off. To turn it on, you must turn it on in the eServices Settings menu. By enabling this feature, you are agreeing the 911 Connect terms of use.

An (✱) icon is displayed at the bottom of the touch screen as shown below when 911 Connect is enabled and a mobile phone is connected via Bluetooth.

Initiating a 911 Call

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

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

The 9-1-1 operator may request information on the current location of your vehicle.

When the 9-1-1 operator requests your vehicle location, “Sending Location” is displayed on the screen and the vehicle location is automatically sent to the 9-1-1 operator.

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

Roadside Assist

Roadside Assist

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

Press the **SETUP** key, then press **Info/UVO** button on the touch screen.

Press the **Roadside Assist** button on the touch screen to connect with a Roadside Assist agent.

Vehicle Diagnostics

Conducting Vehicle Diagnostics

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

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

Press the **SETUP** key.

Press Info/UVO button on the touch screen.

Press the Vehicle Diagnostics button on the touch screen.

The Vehicle Diagnostics process will begin. When a diagnostics check is in progress, keep the vehicle in park with the ignition on. To cancel diagnostics, press the Cancel button on the touch screen or any hardkey.

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

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

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

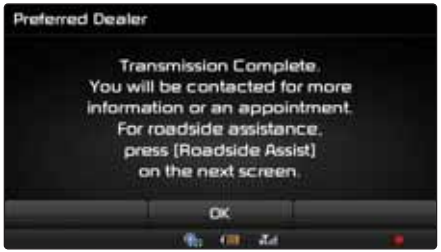
Schedule Service

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

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

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

Diagnostics Data is transmitted to MyUVO.com



Scheduled Diagnostics

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

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

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

NOTICE

- The date of Scheduled Diagnostics may be incorrect if the UVO eServices App on your smartphone is not connected regularly.

Conducting Auto Diagnostics

If a critical diagnostics issue with your vehicle's powertrain is detected, you will be notified on your vehicle's touch screen.

NOTICE

- When diagnostics is in progress, do not drive the vehicle or turn off the ignition. To cancel diagnostics, press the **Cancel** button or any key.

Parking Minder

Sending Parking Location

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

The Parking Minder feature is only available when the ignition is turned on and the vehicle is parked.
Ensure that the UVO eServices system is activated via Bluetooth with the UVO eServices App running on your smartphone before using this feature.

After parking the vehicle, press the SETUP key, then press Info/UVO button on the touch screen.

Press the Parking Minder button on the touch screen to send the vehicle's location to your smartphone.

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

NOTICE

- When the parking location is being sent, do not drive the vehicle or turn off the ignition. Ensure that you have logged in to the UVO eServices App, and your phone is connected to multimedia system through Bluetooth connection.

My POIs

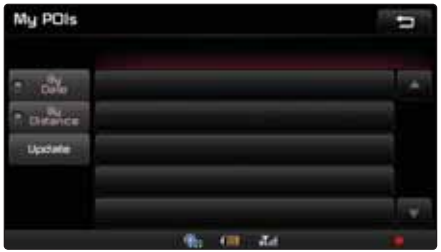
Sending Points of Interest to Your Navigation System

Press the SETUP key.

Press Info/UVO button on the touch screen.

Press the My POIs button on the touch screen.

Press Update button on the touch screen.



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

NOTICE

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

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

My Car Zone

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

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

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

Press the SETUP key.

Press the Info/UVO button on the touch screen.

Press the My Car zone button on the touch screen.

Curfew Limit Alert

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

Press the corresponding alert to view detailed alert information.

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

Speed Alert

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

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

Geo Fence Alert

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

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

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

Press the **Send Data** button on the touch screen.

NOTICE

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

eServices Guide

eServices Guide

eServices Guide provides guidance on how to use UVO eServices.

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

Press the SETUP key, then press Info/UVO button on the touch screen.

About GPS (Global Positioning System)

GPS (Global Position System) :

GPS is a system developed and operated by the United States that determines the user's current position (longitude, latitude, etc.) by using 4 or more satellites.

This system is used with related GPS information, various sensors, road map data, and other related information to provide navigation services.

Information

- For continued map updates, information-gathering and surveys are conducted continuously to monitor road changes or new road constructions. Nonetheless, roads, facilities, and fares are under constant change and it is impossible to completely remove all errors, including road updates, names, facilities, and fares. Please keep this in mind when using GPS.
- In principle, roads with widths less than 3 yards are not included within the map data. Roads with sections with widths less than 3 yards may be deleted in future map data updates.

When GPS Info Cannot Be Used

GPS info may not operate under the following conditions :

- When buildings, tunnels, or other obstructions block satellite signals.
- When materials are placed above the GPS antenna and block satellite signals.
- When the satellite is not transmitting.
- When a digital cellular phone (1.5GHz) is placed near the GPS antenna.

Errors Unavoidable Due to System Characteristics

- The multimedia system uses GPS information, various sensors, road map data, and other related information to display the current position.
- Errors may occur if the satellite is transmitting inaccurate signals or only two or less satellite signals can be received.
- Errors that occur in such conditions cannot be corrected.

Viewing GPS Info

Press the SETUP key ▶ Press Info/UVO ▶ Press GPS Info

The GPS reception and vehicle speed information are displayed.

Information

- UVO eServices are an optional feature equipped in select vehicles.

Viewing Help

Press the SETUP key ▶ Press Info/UVO ▶ Press Help

Help sections on the Navigation, Phone, Voice Recognition and UVO eServices features can be selected and viewed.

Information

- UVO eServices are an optional feature equipped in select vehicles.

7 Other Features

- Rear camera display

CAR MULTIMEDIA SYSTEM

About Rear Detection Camera

- This system has been equipped with a rear camera to help allow wider rear range of vision.
- The rear camera will operate automatically when the ignition KEY is turned ON and the gear shifter is set to Reverse, or R. The rear camera will automatically stop operating when shifted to a different position.

Operating sequence of the Rear Camera

1. Position the ignition key in ACC or ON.
2. Position the transmission lever to R.

3. The rear camera mode will be displayed on the screen.

Information

- The rear camera has been equipped with an optical lens to provide a wider range of vision and may appear different from the actual distance.

CAUTION

- The rear-camera display is not a substitute for proper and safe backing-up procedures. The rear-camera display may not display every object behind the vehicle. Always drive safely and use caution when backing up.

8 Setup

- Using Setup

CAR MULTIMEDIA SYSTEM

Basic Mode Screen

Press the SETUP key ▶ Press Setup to display the Setup screen.

Information

- UVO eServices is an optional feature available in select vehicles on select trims.

Name	Description
1 Sound	Sets sound related settings
2 Display	Sets display related settings
3 HD Radio	Sets HD Radio related settings
4 Phone	Sets Bluetooth® related settings
5 Navigation	Sets various settings found within Navigation mode
6 Edit My Places	Set/Edit My Places within Navigation Mode
7 Traffic	Sets Traffic Information related settings
8 UVO eServices (Optional)	Sets UVO eServices related Settings
9 Voice Recognition	Sets voice recognition related settings
10 Clock	Sets current time and clock display
11 Picture Frame	Sets screen display when device is turned off
12 Keyboard	Sets the keyboard type
13 Language	Sets language for use within the system
14 System Update	Checks system software version and receives updates
15 Display Off	Turn device display on/off (The device power will not be turned off)
16 Close	Close Setup menu screen

Starting Mode

Press the SETUP key ▶ Press Setup to display the Setup screen.

Within Setup, you can check and change the settings for all features found within the multimedia system.

Sound

Press the SETUP key ▶ Press Setup ▶ Press Sound .

Setting Balance/Fader

Press the Sound button ▶ Press Fader/Balance ▶ Set and press Done .

Use the ▲ , ▼ , ◀ , ▶ buttons to move the cursor on the control screen to the desired position.
Press Center to restore sound to the center position.

Information

- The Balance/Fader settings allows you to set the sound position. For example, you can set the sound close to the driver-seat so that the volume is relatively lower in the passenger or rear seats.

Setting Bass/Mid/Treble

Press the Sound button ▶ Press Bass/Mid/Treble ▶ Set and press Done .

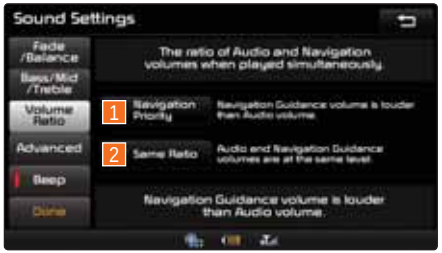
Use the ◀ or ▶ buttons to adjust the Bass/Mid/Treble settings.

Information

- Press the Center button to restore the Bass/Mid/Treble to the center position.

Setting Volume Ratio

Press the Sound button ▶ Press Volume Ratio ▶ Set and press Done .



These options are used to set the volume ratio by selecting from Navigation Priority/ Audio Priority/Same Ratio.

Name	Description
1 Navigation Priority	Navigation Guidance volume is louder than Audio volume.
2 Same Ratio	Audio and Navigation Guidance volumes are at the same level.

Information

- The rear speakers will maintain the same audio volume ratio.

Advanced

Speed Dependent Volume Control

Press the Sound button ▶ Press Advanced ▶ Turn the feature On ▶ Set and press Done .

When turned on, volume level is controlled automatically according to the vehicle speed.

.

Setting Beep

Press the Sound button ▶ Press Beep ▶ Set and press Done .

Each press of this button turns the BEEP tone on/off.

Information

- When the light on the left side of the button is turned on, this indicates that the BEEP tone is active. Press the Beep button again to turn off the BEEP tone.

Display

Press the SETUP key ▶ Press Setup ▶ Press Display .

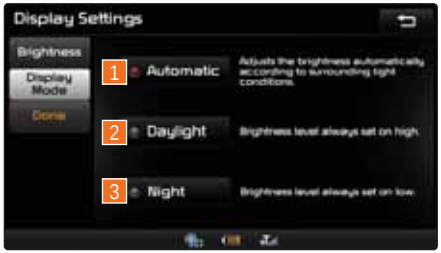
Adjusting Brightness

Press the Display button ▶ Press Brightness ▶ Set and press Done .

Use the ◀ or ▶ buttons to adjust the display brightness.

Setting Display Mode

Press the Display button ▶ Press Display Mode ▶ Set and press Done .



Name	Description
1 Automatic	Adjusts the brightness automatically according to surrounding light conditions.
2 Daylight	Brightness level always set on high.
3 Night	Brightness level always set on low.

Information

- When set to Automatic, the screen brightness and color will automatically be adjusted according to the surrounding brightness.

HD Radio™ Reception

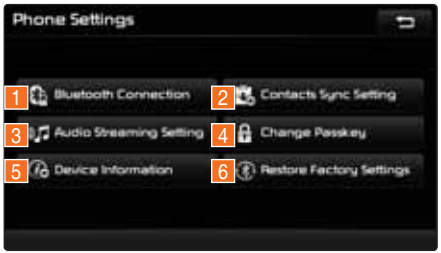
Press the SETUP key ▶ Press Setup ▶ Press HD Radio ▶ Set and press Done .

These settings are used to set whether to turn HD Radio™ reception On/Off.

Name	Description
1 FM-HD Radio	Used to turn FM-HD Radio reception On/Off
2 AM-HD Radio	Used to turn AM-HD Radio reception On/Off

Phone

Press the SETUP key ▶ Press Setup ▶ Press Phone.

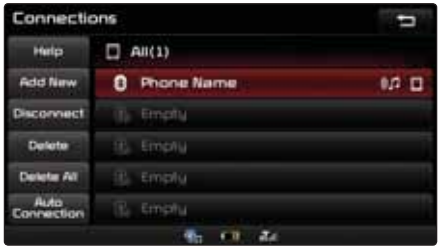


These menus allow you to set *Bluetooth®* Wireless Technology related features.

Name	Description
1 Bluetooth Connection	Manages the Bluetooth device list, such as pairing, connecting or deleting Bluetooth devices
2 Contacts Sync Setting	Automatically downloads the mobile phone contacts and call histories to the car upon connecting Bluetooth® device
3 Audio Streaming Setting	Sets whether to use the streaming audio feature
4 Change Passkey	Changes the passkey used to authenticate Bluetooth® device
5 Device Information	Searches car Bluetooth® device information and change device name
6 Restore Factory Settings	Restores Bluetooth® factory state settings

Connections

Manages the Bluetooth device list, such as pairing, connecting or deleting Bluetooth devices.



Contacts Sync Setting

Press Phone button ▶ Press Contacts Sync Setting ▶ Set and press Done .

This feature automatically downloads the mobile phone contacts and call histories to the car upon Bluetooth® connection.

If you do not wish to use Contacts Sync, turn the feature off.

- If Contact Sync is set to ON, contacts stored your phone will download each time your phone is connected. There may be a delay before the system is available to place a call.
- If Contact Sync is set to OFF, your phone contacts will download only at the initial pairing. This allows you to make calls without waiting for your phone contact list to download.

Information

- This feature may not be supported by some Bluetooth® devices.

Audio Streaming Setting

Press Phone button ▶ Press Audio Streaming Setting ▶ Set and press Done .

When Streaming Audio is turned On, you can play music files saved in your Bluetooth® device from the car.

Information

- This feature may not be supported by some Bluetooth® devices.

Change Passkey

Press Phone button ▶ Press Change Passkey ▶ Set and press Done .

This feature is used to change the passkey required to connect a Bluetooth® device to the car.

Information

- The default passkey is 0000.

Device Information

Press Phone button ▶ Press Device Information .

This feature allows you to check device information.

Information

- Press the Change Name button to change the name of the device.
- The default car name is set to KIA MOTORS.
- The device name and address shown in the above is only an example. Check your device for the actual device information.

Restore Factory Settings

Press Phone button ▶ Press Restore Factory Settings .

Turning on this feature will erase all paired phones and allows you to restore the factory default Bluetooth® settings.

Information

- The Restore Factory Settings feature cannot be used when a Bluetooth® device is connected. To use this feature, first disconnect the Bluetooth® device.

Navigation

Press the SETUP key ▶ Press Setup ▶ Press Navigation .

Main

Press the Navigation button ▶ Press Main ▶ Set and press Done .

This menu is used to set general navigation options.

Name	Description
1 Unit	Sets whether to display distance as kilometers or miles
2 Estimated Time of	Sets whether to display estimated time of arrival or travel on the route info display screen
3 Distance and Time to	Sets whether to display distance and time to destination or to waypoint on the route info display screen
4 Display Previous Destinations upon Start-up	Sets whether to display the previous destinations popup upon starting system
5 Driving Speed Setting	Sets basic info to calculate estimated arrival time to destination or waypoint
6 Auto search when fuel gauge reads low	Automatically search for gas stations when fuel gauge reads low

Information

- When you have finished with the settings, press the Done button to save changes.

Driving Speed Setting

Press the Edit button within the "Driving Speed Setting" menu to set the estimated driving speed for residential roads, main streets, and expressways. The set driving speed is applied to calculate the estimated time to reach the destination or waypoint.

The changed driving speed is used to calculate the estimated time until the destination or waypoint.

Press the Default button to reset the driving speed settings.

Information

- Default Driving Speed Settings for Residential, Main Streets, and Expressways are 20mph, 35mph, and 65mph, respectively.

Display

Press the Navigation button ▶ Press Display ▶ Set and press Done .

This menu is used to set the colors displayed within Navigation mode.

Route Indicator Line

Press the Edit button within the Route Indicator Line menu to change the color of the route indicator line.

Information

- When you have finished with the settings, press the Done button to save changes.

Route Search

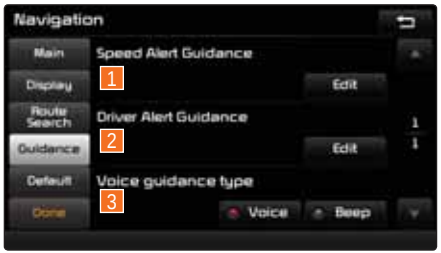
Press the Navigation button ▶ Press Route Search ▶ Set and press Done .

This menu is used to set route search related options.

Name	Description
1 Use Alternative Route Search	Set whether to first display alternative routes upon conducting route search
2 Display Route Options after Re-Calculation	Set whether to display the pop-up screen that allows changes to route options upon route recalculation

Guidance

Press the Navigation button ▶ Press Guidance ▶ Set and press Done .



This menu is used to set options on speed alerts and driver alerts.

Name	Description
1 Speed Alert Guidance	Set options related to various camera alerts
2 Driver Alert Guidance	Set options related to curves, and merges
3 Voice Guidance Type	When Beep is selected, all navigation voice guidances are replaced with a beep sound

Speed Alert Guidance

To change the Speed Alert Guidance option, press the Edit button within the "Speed Alert Guidance" menu.

Driver Alert Guidance

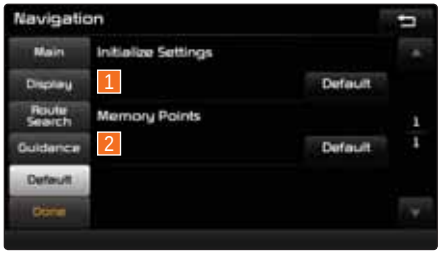
To set the Driver Alert Guidance, option, press the Edit button within the "Driver Alert Guidance" menu.

Information

- Alerts provided within Driver Alert Guidance may differ depending on actual road conditions.

Default

Press the Navigation button ▶ Press Default ▶ Set and press Done .



This menu is used to reset saved changes and user preferences.

Name	Description
1 Initialize Settings	Resets all settings back to the default state
2 Memory Points	Resets all saved memory point information

Information

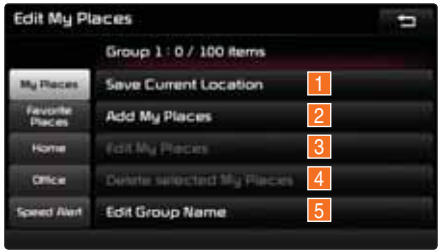
- If the settings of an option are reset, then all settings will be restored to the default factory state.
- Heed caution as Home, Office and other user locations may become deleted.

My Places

Press the SETUP key ▶ Press Setup ▶ Press Edit My Places.

My Places

Press the Edit My Places button ▶ Press My Place ▶ Set and press Done.



From the My Places list, select the desired menu to either add, delete, or edit My Places.

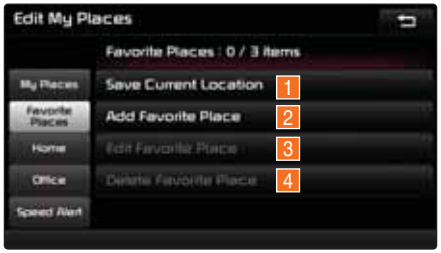
Name	Description
1 Save Current Location	Add the current vehicle position as a My Place
2 Add My Places	Add a My Place by using search functions
3 Edit My Places	Edit information pertaining to saved My Places, such as name, location, and telephone number
4 Delete selected My Places	Delete one or all saved My Places
5 Edit Group Name	Edit name of corresponding group

Information

- By default, names of folders have been set as "Group".

Favorite Places

Press the Edit My Places button ▶ Press Favorite Places ▶ Set and press Done .



A total of 4 Favorite Places can be saved. Favorite Places can be selected at the bottom of the Destination Search main screen.

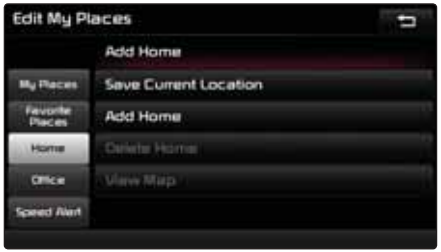
Name	Description
1 Save Current Location	Adds the current vehicle position as a Favorite Place
2 Add Favorite Place	Add a Favorite Place by using search functions
3 Edit Favorite Place	Edit information pertaining to saved Favorite Places, such as name, location, and telephone number
4 Delete Favorite Place	Delete one or all saved Favorite Places

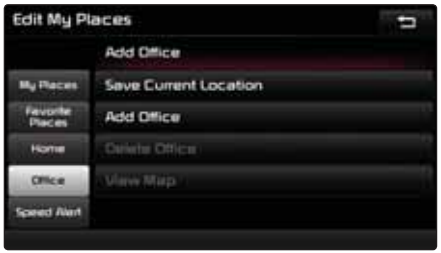
Information

- If Favorite Places have not been added, the Edit Favorite Place and Delete Favorite Place buttons will be disabled.

Home and Office

Press the Edit My Places button ▶ Press Home or Office .





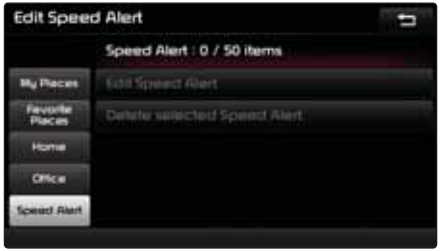
One Home and Office can each be saved. The set Home and Office positions can be selected at the bottom of the Destination Search main screen.

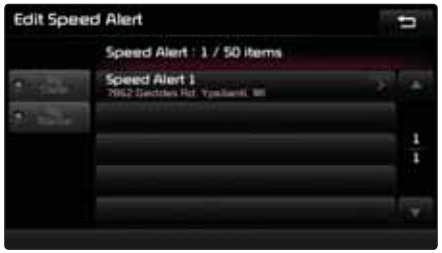
Information

- If the Home and Office has not been set, these buttons will be disabled within the Destination Search screen.

Speed Alerts

Press the Edit My Places button ▶ Press Speed Alert ▶ Set and press Done .

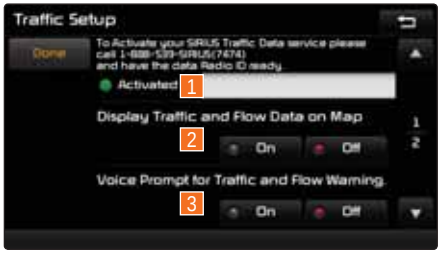




In the Edit Speed Alert screen, Name , View Map, and Speed Limit speed can be set and edited.

Traffic Setup

Press the SETUP key ▶ Press Setup ▶ Press Traffic .



This menu is used to set options related to traffic and flow data, voice prompts, and re-routing options based on traffic conditions.

Name	Description
1 Data Radio ID	Check information on SIRIUS traffic data service activation and activation ID
2 Display Traffic and Flow Data on Map	Sets whether to display real-time traffic information on map
3 Voice Prompt for Traffic and Flow Warning	Sets whether to receive voice prompts for real-time traffic information and conditions
4 Provide Re-Routing Option	Sets whether to use re-routing options by reflecting traffic conditions

Information

- SIRIUS Traffic Data service requires a separate subscription. To subscribe to this service, please contact the number displayed on the screen.

UVO eServices Settings (Optional)

UVO eServices Settings

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

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

Press the SETUP key, then press Info/UVO button on the touch screen.

Press UVO eServices button on the touch screen.

UVO eServices Activation

If UVO eServices has not yet been activated, press the UVO eServices Activation button to start the activation process.

911 Connect Setting

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

From the UVO eServices Setting screen, Press 911 Connect .

To enable 911 Connect, ensure that the On button is selected. To disable this feature, ensure the Off button is selected.

When enabling this feature, you must first agree to the 911 Connect terms of use. After reading the terms of use, press the Agree button on the touch screen to accept.

My Car Zone

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

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

From the UVO eServices Setting screen, press My Car Zone .

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

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

Press the Settings button to change the alert conditions.

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

Press the Done button to start Curfew Limit Alert based on the set conditions.

Within Speed Alert Settings, you can set the vehicle speed limit. You can also use Alert Interval to set the vehicle speed limit vehicle speed limit vehicle speed limit alert interval.

Press the Done button to start Speed Alert based on the set conditions.

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

Press the Done button to start Geo Fence Alert based on the set conditions.

NOTICE

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

Change PIN

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

Press My Car Zone ▶ Press Change of PIN.

After changing the PIN, press the Change button to transmit the new PIN to your MyUVO.com account.

Time Setting

This feature is used to avoid the change of curfew limit alert according to daylight saving.

Press My Car Zone ▶ Press Change of Time Setting.

Restore Factory Settings

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

Press My Car Zone ▶ Press Restore .

Trip Info

Trip Info is a feature used to send Trip Info (Driving Distance, Driving Speed, Driving Time, etc.) to your MyUVO account.

UVO eServices must be activated to use this feature.

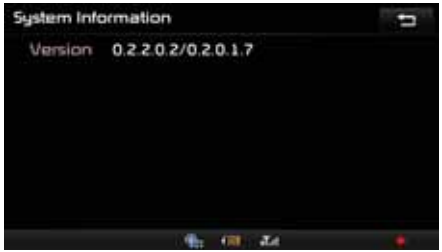
From the eSurvices Setting screen, press Trip Info .

NOTICE

- To enable Trip Info, ensure that the On button is selected. To disable this feature, ensure the Off button is selected.

System Information

From the UVO eServices Setting screen you can view the System Information by pressing System Information button on the touch screen.



Voice Recognition Settings

Press the SETUP key ▶ Press Setup ▶ Press Voice Recognition ▶ Set and press Done .

This menu is used to set voice recognition mode between Normal and Expert mode.

Name	Description
1 Normal	When using voice recognition, provides detailed prompts and is suited for beginner users
2 Expert	When using voice recognition, omits certain prompts and is suited for experienced users

Clock Settings

Press the SETUP key ▶ Press Setup ▶ Press Clock ▶ Press Time ▶ Set and press Done .

This menu is used to set the time used within the multimedia system.

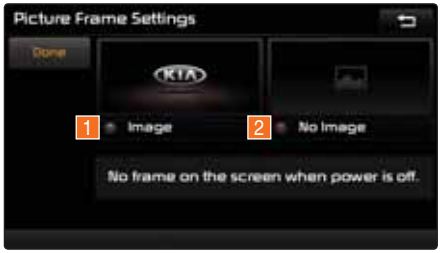
Name	Description
1 GPS Time	Displays time according to the received GPS time
2 Auto Time Zone Update	When the Time Zone changes, the time is reset automatically
3 Daylight Saving Time	Turns on/off daylight saving time feature
4 Time Format	Converts the digital clock display to 12 or 24 hours

Information

- When Daylight Savings Time is turned on, the clock is moved forward one hour.

Picture Frame

Press the SETUP key ▶ Press Setup ▶ Press Picture Frame ▶ Set and Press Done .



This menu is used to select the screen displayed when the system power is turned off.

Name	Description
1 Image	Displays an image when the system power is turned off
2 No Image	No image is displayed when the system power is turned off

Information

- When the picture frame is set to Image, images saved within a USB can be set as the picture frame by pressing the Browse button.

Keyboard

Press the SETUP key ▶ Press Setup ▶ Press Keyboard ▶ Set and Press Done .

This option allows you to change the type of keyboard used within the system.

Name	Description
1 ABC	Keyboard with characters arranged in alphabetical order
2 QWERTY	Keyboard similar to the one used within a computer

Information

- The set keyboard will be applied to all input modes across the entire system.

Language

Press the SETUP key ▶ Press Setup ▶ Press Language ▶ Set and press Done .

This menu is used to set the language of the system display and voice language. You can select the desired language from English, Français, Español or 한국어.

System Update

Press the SETUP key ▶ Press Setup ▶ Press System Update ▶ Press Update ▶ Press Ok .

After inserting the SD card with the update file, press Ok to start the update.
Once updating is complete, the system will automatically restart.

Information

- This product requires regular updates for software corrections, new functions and map updates. Updating may require up to 1 hour depending on the data size.
- Turning off the power or ejecting the SD card during the update process may result in data loss. Make sure to keep the ignition on and wait until updating is complete.
- To have map updates, contact your Kia dealer or visit the website (www.mapnsoft.com).

CAUTION

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

Display Off

Press the SETUP key ▶ Press Setup ▶ Press Display Off .

Press the Display Off button to turn off the display. Touch anywhere on the touch screen to turn the display back on.

Information

- Even when the display is off, sound will be played.

MEMO

9 Appendix

- Product Specification
- Before Thinking There is a Product Defect
- Before Thinking the Product Has Malfunctioned
- Troubleshooting
- FAQ

CAR MULTIMEDIA SYSTEM

Product Specification

TFT-LCD

Screen Size	Navigation Device - 17.78cm (152.4 x 91.44mm)
Resolution	Navigation Device - 384,000 pixels (Resolution: 800 x 480)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Left/Right : 70° Top : 60° Bottom : 50°
Internal Lighting	LED 14EA, UP/DOWN arrangement

Radio

Channels	FM : 87.5 MHz ~ 107.9 MHz(Step : 200 kHz)		
	AM : 530 kHz ~ 1710 kHz(Step : 10 kHz)		
Sensitivity	FM : Under 10dBu/AM : Under 40dBu		
Distortion Factor	Within 2%	Speakers	4 Ω

Integrated Antenna

Operating Temperature	-30 ~ +85℃ (-22℉ ~ +185℉)	Storage Temperature	-40 ~ 105℃ (-40℉ ~ 220℉)
Dimensions	137.7mm(W) x 65.6mm(H) x 74.2mm(L)		
Weight	210g		

Common

Name	Car TFT LCD Display Navigation Unit		
Power Supply	DC 14.4V	Operating Power	DC 9V ~ DC 16V
Current Consumption	2.5A	Dark Current	2mA (Head Unit Only)
Operating Temperature	-20 ~ +70℃ (-4 ~ +158℉)	Storage Temperature	-30 ~ 80℃ (-22 ~ 176℉)
Dimensions	230mm(W) x 177mm(H) x 188mm(D)		
Weight	2.7Kg		

Bluetooth® Wireless Technology

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth® Specification	2.1 + EDR
Supported Profile	Handsfree(1.5), A2DP(1.0), AVRCP(1.3), PBAP(1.0), SPP(1.1)		
Output	0.05mW	Transmission	F1E, G1E
Number of Channels	79 channels		

CAUTION

- The producer and installer cannot provide services related to life safety as the concerned radio equipment is liable to radio interference.

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 intersections where a u-turn is not permitted.	• 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 intersections where a u-turn is not permitted.	• 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.)

Before Thinking the Product Has Malfunctioned

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

Problem	Possible Cause
There are small red, blue, or green dots on the screen	· Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels
The sound or image is not working	· Has the Switch for the vehicle been turned to [ACC] or [ON]? · Has the SYSTEM been turned OFF?
The screen is being displayed but sound is not working	· Has the volume been set to a low level? · Has the volume been muted?
When the power is turned on, the corners of the screen are dark	· The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction · If the screen is very dark, contact your nearest Kia dealer for assistance
Sound is working from only one speaker	· Are the positions of Fader or Balance sound controls adjusted to only one side?

Problem	Possible Cause
Sound does not work in AUX mode	· Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	· Is the external device connected with a standard connector cable?
Upon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as discs, USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load · If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate · If the previous mode still cannot be properly played, the mode operated prior to that will operate

Troubleshooting

Problem	Possible Cause	Countermeasure
The power does not turn on	The fuse is disconnected	· Replace with a suitable fuse · If the fuse is disconnected again, please contact your point of purchase or service center
	Device is not properly connected	· Check to see that the device has been properly connected
The system does not play	The disc has not been inserted or has been inserted upside down	· Insert the disc properly so that the sides are facing the correct direct
	The disc has been contaminated	· Wipe away dirt and other foreign substances from the disc
	The vehicle battery is low	· Charge the battery If the problem persists, contact your point of purchase or service center
	A disc not supported by the device has been inserted	· Insert a disc which is supported by the device

Problem	Possible Cause	Countermeasure
The image color/tone quality is low	· The brightness, saturation, hue, and contrast levels are not set properly	· Properly adjust the brightness, saturation, hue, and contrast levels through Display Setup
Sound does not work	· The volume level is set to the lowest level · The connection is not proper · The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode	· Adjust the volume level · Check to see that the device has been properly connected · The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode
The sound or image quality is low	· The disc is dirty or scratched · Vibration is occurring from where the conversion switch has been installed · Image color/tone quality is low	· Wipe off water or dirt from the disc Do not use a disc which has been scratched · The sound may be short-circuited and the image distorted if the device vibrates · The device will return to normal once vibrations stop

Problem	Possible Cause	Countermeasure
The USB does not work	· USB memory is damaged · USB memory has been contaminated · A separately purchased USB HUB is being used · A USB extension cable is being used · A USB which is not a Metal Cover Type USB Memory is being used · An HDD type, CF, SD Memory is being used · There are no music files which can be played	· Please use after formatting the USB into FAT 12/16/32 format · Remove any foreign substances on the contact surface of the USB memory and multimedia terminal · Directly connect the USB memory with the multimedia terminal on the vehicle · Directly connect the USB memory with the multimedia terminal on the vehicle · Use standard USB Memory · Use standard USB Memory · Only MP3, WMA file formats are supported. Please use only the supported music file formats
The iPod is not recognized even though it has been connected	· There are no titles which can be played · The iPod firmware version has not been properly updated · The iPod device does not recognize downloads	· Use iTunes to download and save MP3 files into the iPod · Use iTunes to update the firmware version and reconnect the iPod with the device · Reset the iPod and reconnect with the device

Information

- While operating the device, if an abnormality occurs that cannot be corrected with the above described measures, press the Reset key to reset the system.
- Press and hold the Reset key (over 0.8 seconds). The device power will turn off and the system will reset.

FAQ

About Pairing Mobile Phones

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

A Check to see that the mobile phone supports Bluetooth® function. If your phone is a Bluetooth® phone, then check to see whether the Bluetooth® setting within your phone been is set to 'Hidden'. If the device is set to hidden, please un-hide the device (set to unhidden state).

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

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

Q What is a Passkey?

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

The initial passkey is 0000. The passkey can be changed by pressing SETUP key ▶ Setup ▶ Phone ▶ Change Passkey .

About Making/Answering Phone Calls

Q How can I answer a call?

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

To reject the call, press the Reject button on the screen or press the key on the steering remote controller.

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

A While one a call, press and hold (over 0.8 seconds) the key on the steering remote controller or press the Private button at the bottom of the Phone screen to switch the call to your mobile phone. Please ensure you are in a safe and legal location.

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

Q What is the range of my wireless connection?

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

Q How many mobile phones can be paired?

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

Q Why is call quality sometimes poor?

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

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Microsoft® Windows® Automotive Operating System

Important Safety Information
Read and Follow Instructions

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

⚠ CAUTION

Keep User's Guide in Vehicle

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

⚠ WARNING

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

General Operation

Voice Command Control

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

Prolonged Views of Screen

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

Volume Setting

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

Navigation Features

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

Distraction Hazard

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

Let Your Judgment Prevail

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

Route Safety

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

Potential Map Inaccuracy

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

Emergency Services

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

⚠ CAUTION

Use of Speech Recognition Functions

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

FCC Warning

⚠ WARNING

U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT INFORMATION TO THE USER

NOTE : This equipment has been tested and founded to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules.

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

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

Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment
This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

IC Warning

⚠ WARNING

This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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