

CAR MULTIMEDIA SYSTEM | USER'S MANUAL



OPTIMA

CAR MULTIMEDIA SYSTEM |
USER'S MANUAL

UVO

2TEND08



2TMS7-S0001

KIA KIA MOTORS

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.

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

⚠ WARNING

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

- Infinity is a trademark of Harman International Industries, Inc.
- At launch, the Apple iPhone® will be the only UVO eServices compatible device. iPhone® is a registered trademark of Apple

Inc. Apple iOS6 compatibility expected early 2013. Additional compatible devices expected late 2013.

- 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.



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Read the following safety cautions for your safety.

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

The design and specification of this product may change without prior notification for product improvement.

Notations used within this User's Manual

WARNING

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

CAUTION

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

Information

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

NOTICE

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

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CAUTIONS upon Using SD Cards

Ejecting and Inserting SD Cards

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

Usage of SD Cards

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

iPod®

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Bluetooth® Wireless Technology

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A *Bluetooth®* Wireless Technology enabled cell phone is required to use *Bluetooth®* Wireless Technology. *Bluetooth®* Wireless Technology phone compatibility can be checked by visiting www.kia.com/bluetooth.

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

Warnings and Cautions

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 lightning 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.

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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Digital Tuner using PPL method that supports memory of 6 broadcast stations for each AM, FM1, and FM2 modes Integrated Antenna (SIRIUS+NAVI) <ul style="list-style-type: none">• Outstanding reception via integrated antenna with high sensitivity Radio broadcast station name <ul style="list-style-type: none">• Displays broadcast station names when available HD Radio/Satellite Radio feature <ul style="list-style-type: none">• Supports HD Radio reception and Satellite Radio (SIRIUS)
Multimedia Player	Support for various Media Formats <ul style="list-style-type: none">• Support for various media formats, including Radio, audio MP3 CD, USB, iPod and AUX• Supports USB, iPod, and Bluetooth® Audio Streaming modes My Music <ul style="list-style-type: none">• Supports copying of music stored within DISC MP3 or USB into My Music (internal memory) mode USB Image <ul style="list-style-type: none">• Copy to view and save images saved in USB devices

Navigation	Voice Guidance <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Automatically corrects current position using map matching and GPS information
Miscellaneous	Bluetooth® Wireless Technology <ul style="list-style-type: none">• Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel Digital Screen Control Features <ul style="list-style-type: none">• Easy control of features through touch screen options Steering wheel <ul style="list-style-type: none">• Control over audio features, voice recognition and Bluetooth® through the steering wheel for increased convenience







Component Names and Functions

Head Unit




Name	Description
1 ● PWR key ● VOL Knob	<ul style="list-style-type: none"> • When power is off, press to turn power on • When power is on, press and hold (over 0.8 seconds) to turn power off • When power is on, press shortly (under 0.8 seconds) to turn Audio off • Turn left/right to control volume
2 FM/AM	<ul style="list-style-type: none"> • Selects FM/AM mode • Each time the key is pressed, the mode is changed in order of FM1 FM2 AM FM1
3 SAT	<p>Converts to SIRIUS mode</p> <ul style="list-style-type: none"> • Each time the key is pressed, the mode is changed in order of SIRIUS1 SIRIUS2 SIRIUS3 SIRIUS1
4 ▼ SEEK TRACK ▲	<p>When key is pressed shortly. (under 0.8 seconds)</p> <ul style="list-style-type: none"> • 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 <p>When key is pressed and held. (over 0.8 seconds)</p> <ul style="list-style-type: none"> • 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
5 PHONE	Takes user to phone screen



Name	Description
6 MEDIA	<ul style="list-style-type: none"> 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
7 MAP VOICE	Displays the map for the current position
8 DEST	Displays the Destination setup menu
9 ROUTE	Displays Route menu screen
10  	Displays the Setup mode
11  TUNE knob	<ul style="list-style-type: none"> 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
12 	Press to insert or eject disc
13 	Displays current time and date
14 	SD Card insert slot

Information

- If pressing and holding the  PWR key for over 0.8 seconds does not shut down the system, press the **FM/AM** and **MAP VOICE** keys simultaneously for over 10 seconds to reset the software. The device power will turn off and the system will reset.




Component Names and Functions

Steering wheel



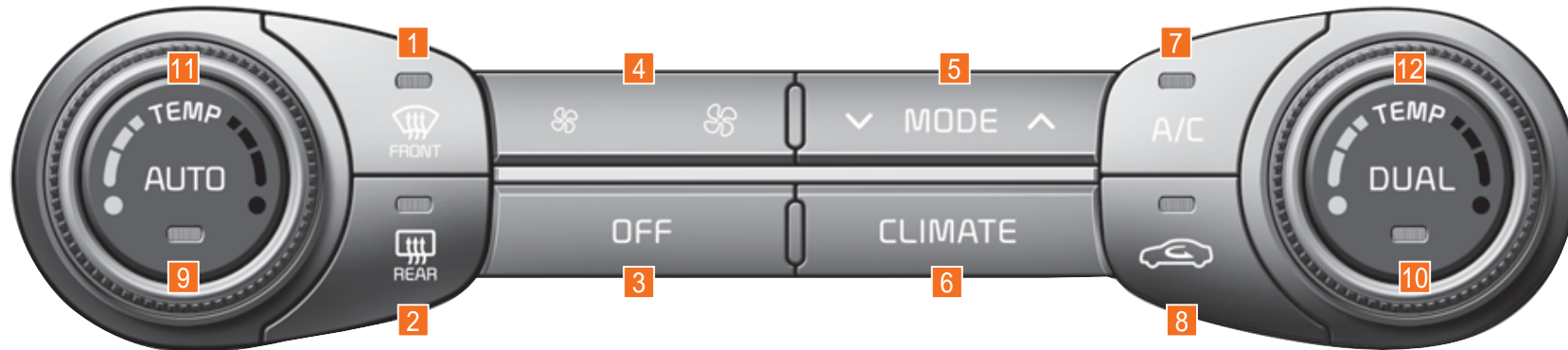
Name	Description
1 VOL+ VOL-	Controls the volume
2 MUTE	Mutes the sound
3 ^ v	<p>When keys are pressed shortly. (under 0.8 seconds)</p> <ul style="list-style-type: none"> • In FM/AM mode, searches broadcast frequencies saved to Presets • In SIRIUS modes, searches broadcast channels saved to Presets • In CD/MP3/USB/iPod/My Music modes, changes the track, file or chapter <p>When keys are pressed and held. (over 0.8 seconds)</p> <ul style="list-style-type: none"> • 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
4 MODE	<ul style="list-style-type: none"> • Each time this key is pressed, the mode is changed in order of FM1 FM2 AM SIRIUS1 SIRIUS2 SIRIUS3 USB or 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







Name	Description
5 	<p>When pressed shortly. (under 0.8 seconds)</p> <ul style="list-style-type: none"> • Activates voice recognition <p>When pressed and held. (over 0.8 seconds)</p> <ul style="list-style-type: none"> • Ends voice recognition
6 	<p>When pressed shortly. (under 1.2 seconds)</p> <ul style="list-style-type: none"> • 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) <p>When pressed and held. (over 1.2 seconds)</p> <ul style="list-style-type: none"> • 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)
7 	<p>When pressed during a call, ends the phone call</p> <p>When pressed in the incoming call screen, rejects the call</p>

Component Names and Functions

Climate System



Name	Description
1 	Removes humidity and frost by blowing fan towards the front window
2 	The side mirror and rear window defroster is turned on/off
3 OFF	Turns the climate system off
4 	Sets the fan level
5 MODE	Sets the fan direction
6 CLIMATE	Displays the climate info screen
7 A/C	Turns the air conditioner on/off

Name	Description
8 	Switches the air intake mode to recirculation
9 AUTO	Operates auto temperature mode to maintain cabin temperature at suitable levels relative to outside temperature
10 DUAL	Turns DUAL mode on/off Upon turning on DUAL, the driver-side and passenger-side temperature can be operated independently
11 TEMP	Controls the driver-side temperature
12 TEMP	Controls the passenger-side temperature


Starting the System for the First Time

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  PWR 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  PWR 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 level 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 the **FM/AM** and **MAP VOICE** keys simultaneously for over 10 seconds to reset the software. The device power will turn off and the system will reset.

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.

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

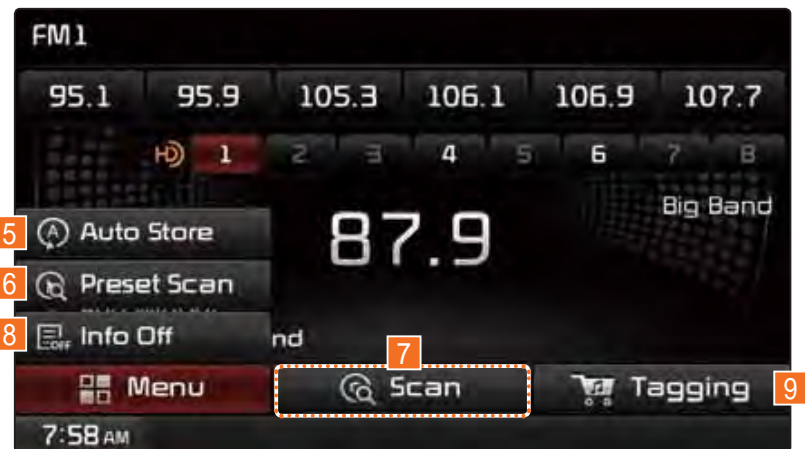
FM/AM Mode

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 Scan	Plays frequencies with superior reception for 5 seconds each
8 Info On (Info Off)	<ul style="list-style-type: none"> When pressed, shows detailed information about the current broadcast When pressed again, detailed information is turned off
9 Tagging	<ul style="list-style-type: none"> 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

FM/AM Mode

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.

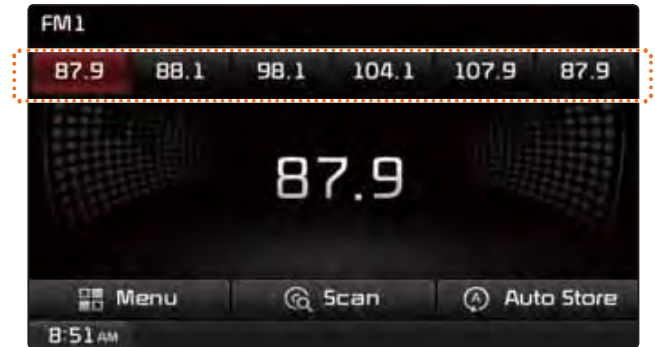
Using TUNE

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



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

Selecting Presets

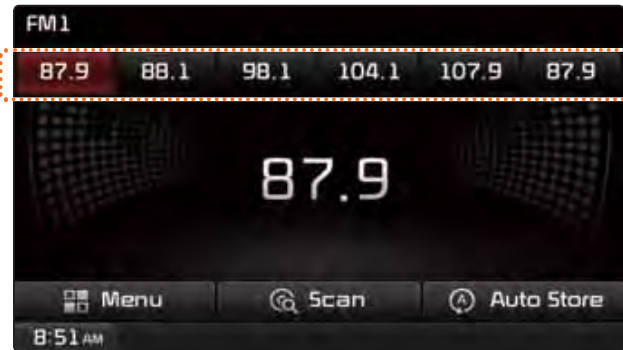


From the 6 presets, select the frequency you want to listen to.

i 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.

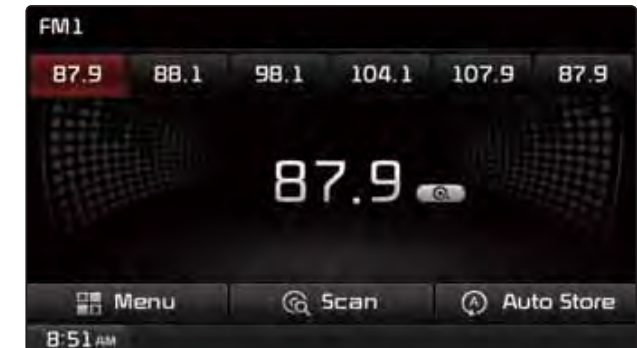
A total of 18 frequencies with six preset frequencies each for FM1/FM2/AM modes can be saved.

i 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.

FM/AM Mode

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.

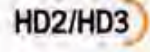
HD Radio™ Mode

About HD Radio™ Technology

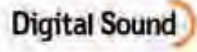


Program Service Data :

Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.



Adjacent traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.



Digital, 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.



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.

HD Radio™ Mode

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.

i 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 **i** key

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.

i 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.

i 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

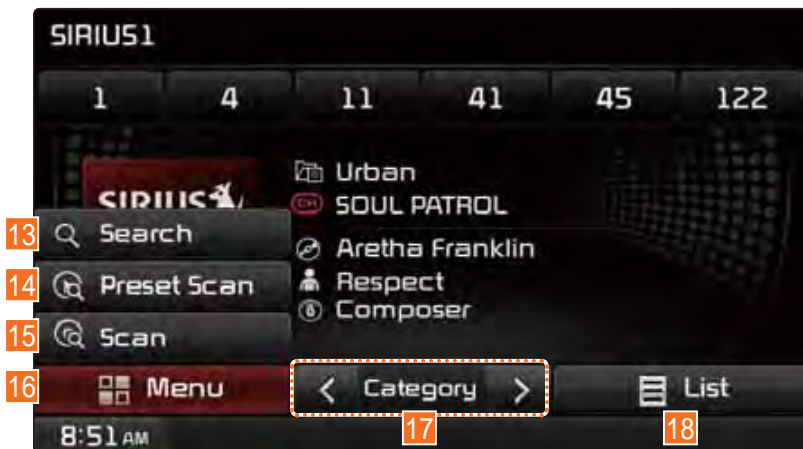
Press the  key Press the  Press  / .



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

SIRIUS 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.

i 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

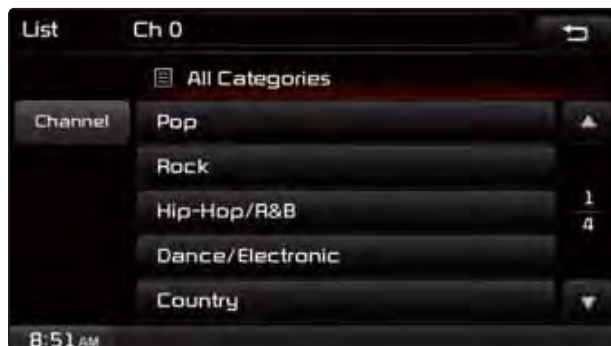


From the 6 presets, select the channel you want to listen to.

SIRIUS Mode

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.

i 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	X	
	(Single, SACD layer)		
	SACD (Hybrid)	X (Only CD layer)	

Disc Format

Disc Type	Disc Format	Device Support	
CD	CD-DA	X	
	MP3		
	WMA		
	MPEG4 AAC		
	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.

Disc

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.

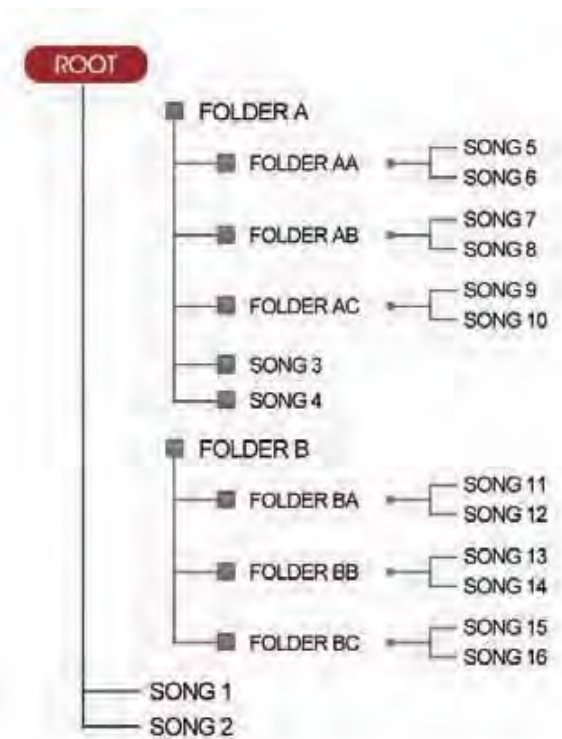
Precautions upon Burning MP3 Files

- 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.

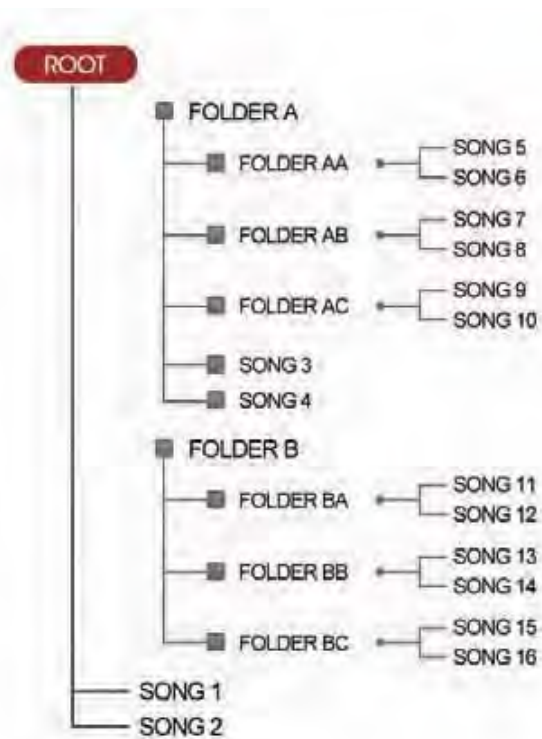
Disc

MP3 File Structure

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



Folder structure as saved in CD-ROM



Folder structure as saved in the system

CD Mode

Basic Mode Screen

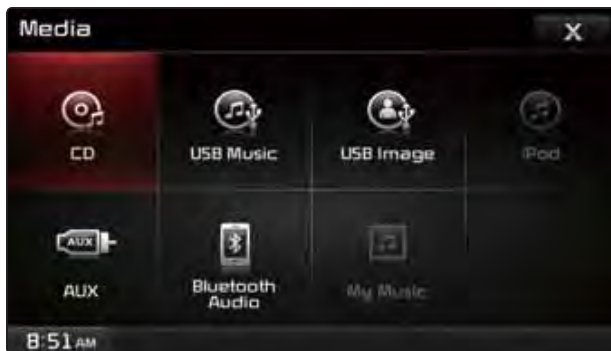


Name	description
1 Mode	Displays currently operating mode
2 Track	Track number of current song
3 Repeat/ Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
4 Track Index	Shows the current track/total tracks
5 Play Time	Displays the current play time
6 Repeat	Repeats the 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)	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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

CD Mode

Starting Mode

Press the **MEDIA** key Press **CD**.



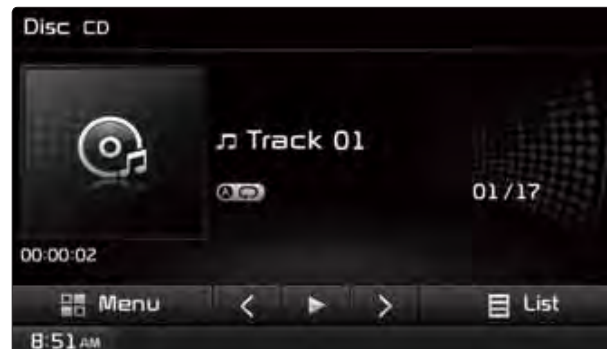
NOTICE

- 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.



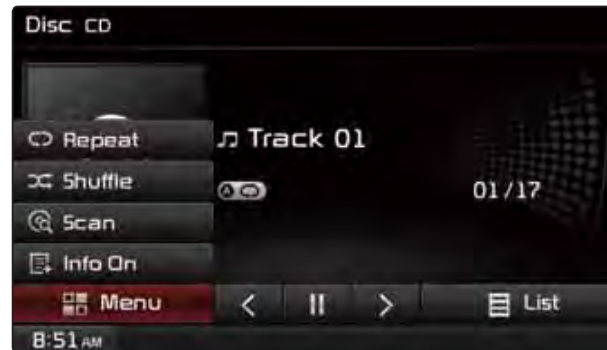
When searching tracks, the track number is displayed in orange. Pressing the **TUNE** knob will play the corresponding track.

i 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.

i 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.

i Information

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

CD Mode

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** .

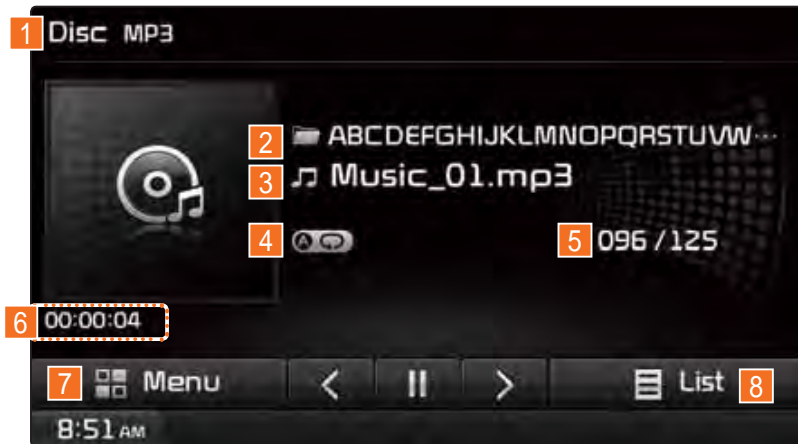
Press  **Info Off** to restore the previous information display setting.

Information

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

MP3 CD Mode

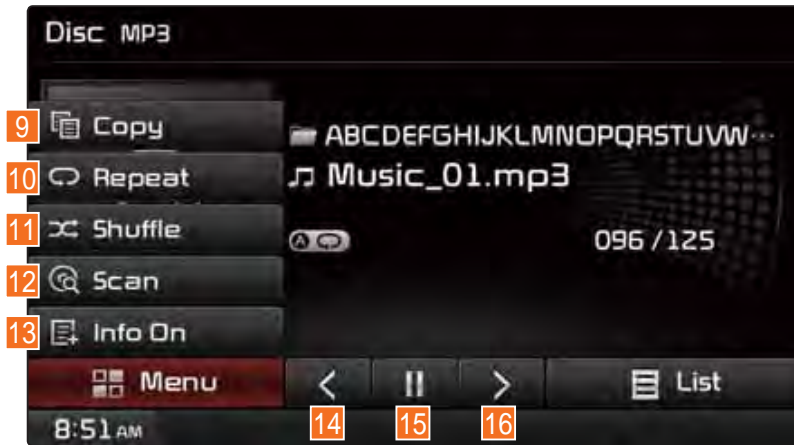
Basic Mode Screen



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

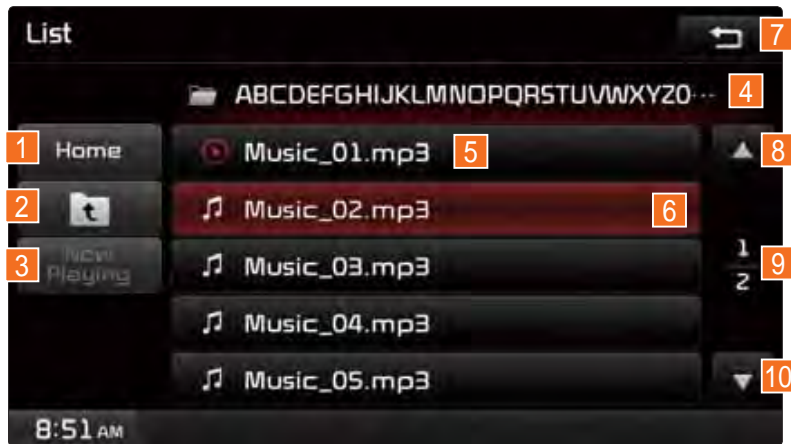
MP3 CD Mode

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 <ul style="list-style-type: none">Info Off : shows folder name/file nameInfo On : shows folder name, file name, title, artist, and album info
14 Previous file	<ul style="list-style-type: none">When the play time is under 2 seconds : Moves to the previous fileWhen 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

MP3 CD Mode

Starting Mode

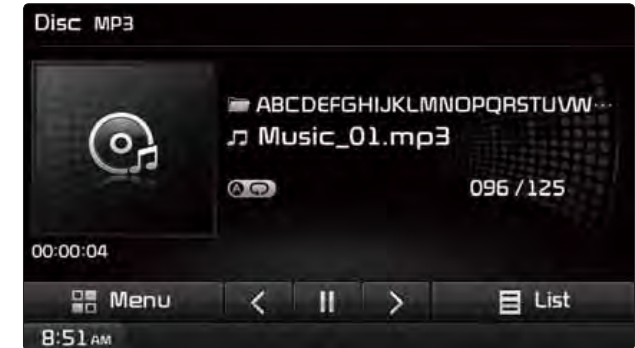
Press the **MEDIA** key Press  **MP3**





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

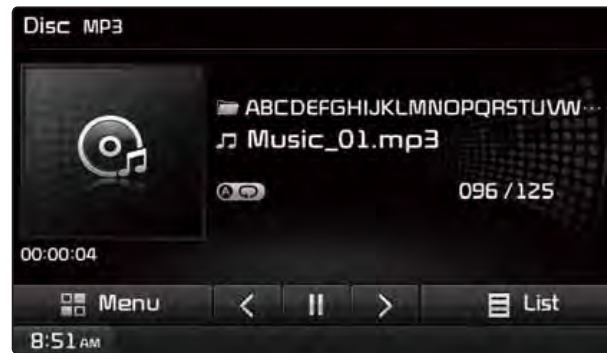
Selecting from the Mode Screen

- 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)

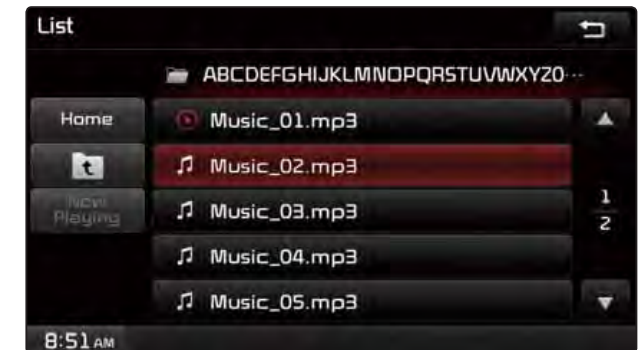
This will rewind or fast-forward the file.

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.

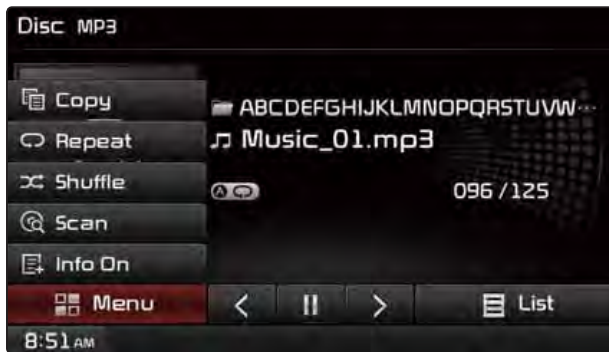
i Information

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

MP3 CD Mode

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.

i 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).

i 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).

i 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).

i 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.

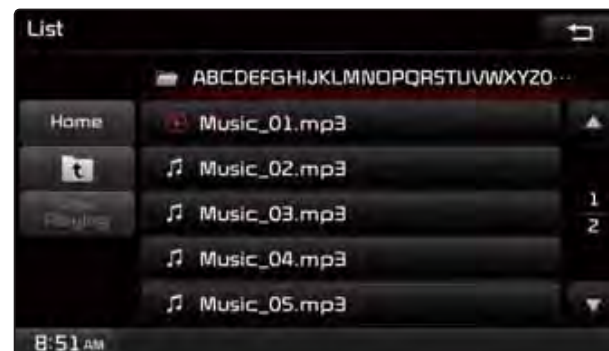
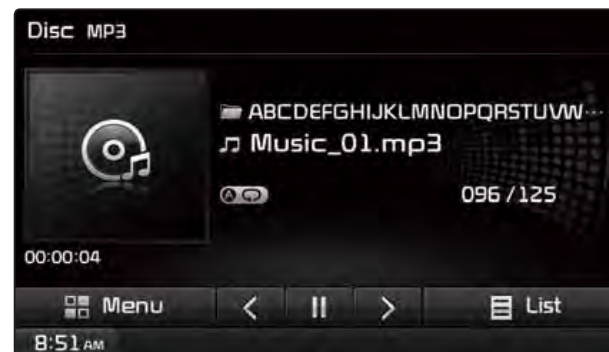
NOTICE

- 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.

i Information


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

MP3 CD Mode


Moving between Folders

Press the  button. Select folder from the folder list.



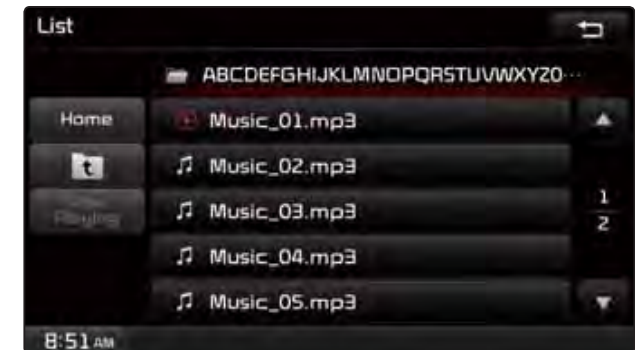
Pressing the  button will move to the folder one level above the current folder. Pressing the **Home** button folder will move to the root folder.

Information

- If there are no more parent folders, both **Home**,  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

CAUTION

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

- Files that are not standard format music/image files will not be played.
- For MP3/WMA 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.

- 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.

USB Mode

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

Information

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

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

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 name : 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

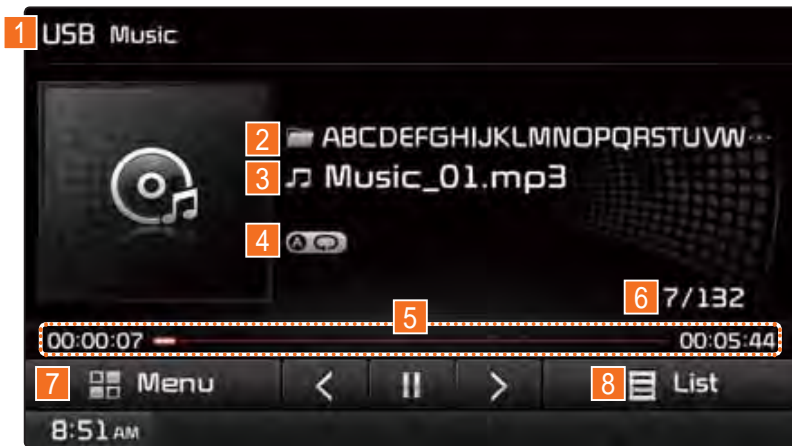
i Information

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

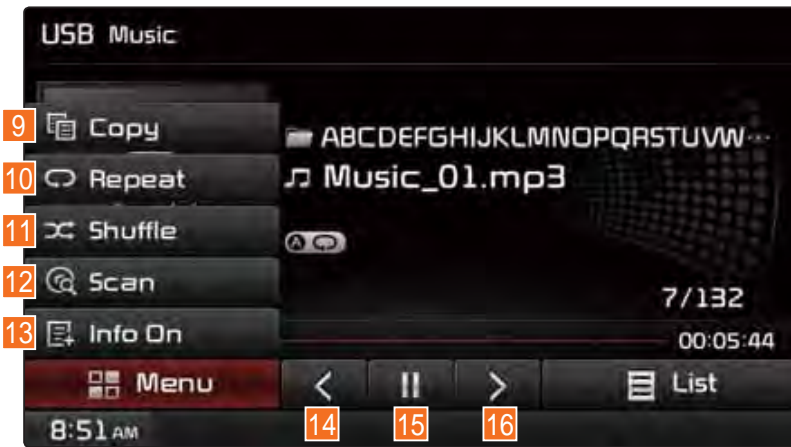
USB Mode

Basic Mode Screen

USB Music Mode



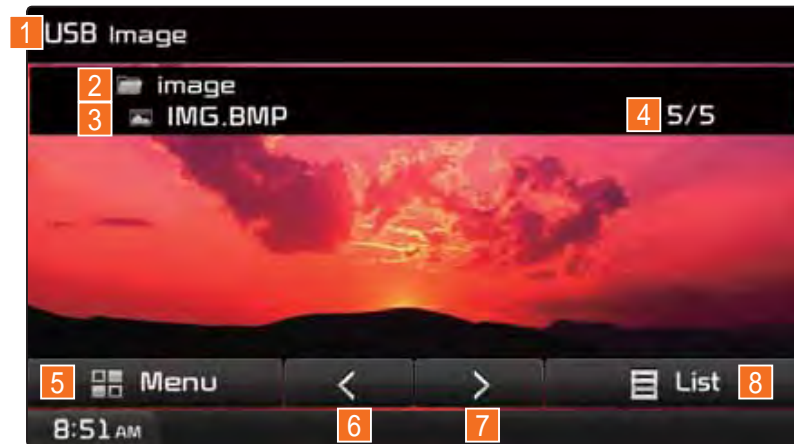
Name	Description
1 Mode	Displays currently operating mode
2 Folder Name	Displays the name of the current folder
3 File Name	Displays the name of the current file
4 Repeat/Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
5 Play Time	Displays the current play time/total 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)	<ul style="list-style-type: none"> Info Off : shows folder name/file name Info On : shows folder name, file name, title, artist, and album info
14 Previous File	<ul style="list-style-type: none"> 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

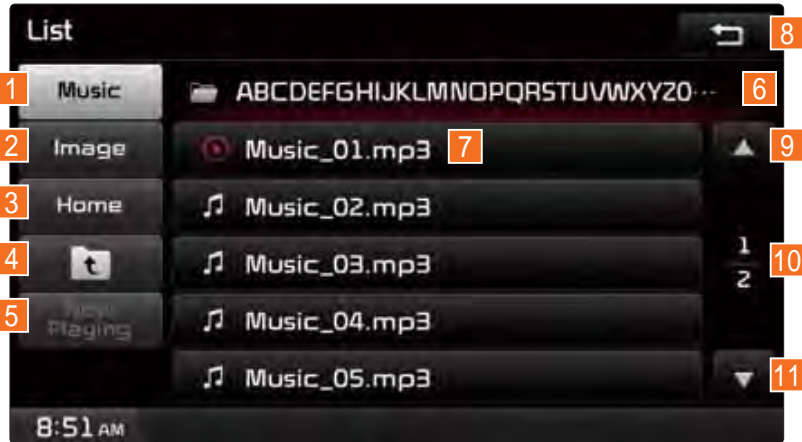
USB Mode

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

Menu List 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

USB Mode

Starting USB Music Mode

Press the **MEDIA** key Press

USB Music

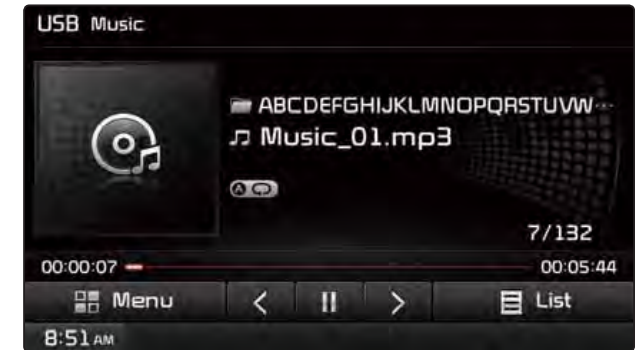


If the USB is not connected, then the **USB Music** button will be disabled.

i 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.

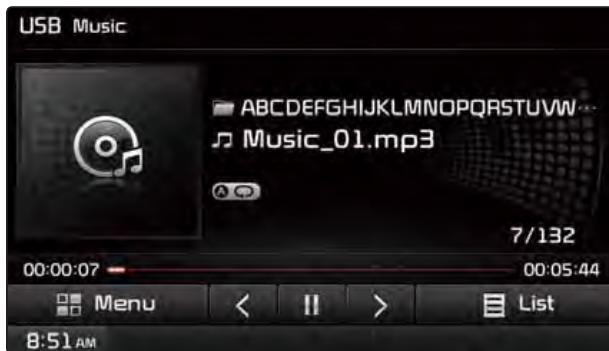
Playing USB Music



- 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.



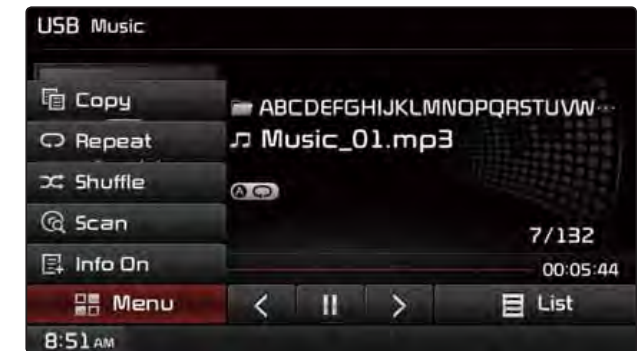
- Pressing and holding the **SEEK** , **TRACK** key (over 0.8 seconds) will rewind or fast-forward the current file.
- While the **SEEK** , **TRACK** key is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Music will begin playing at normal speed.

i 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.

USB Mode

i 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).

i 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).

i 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).

i 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.



i Information

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

USB Mode

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**.

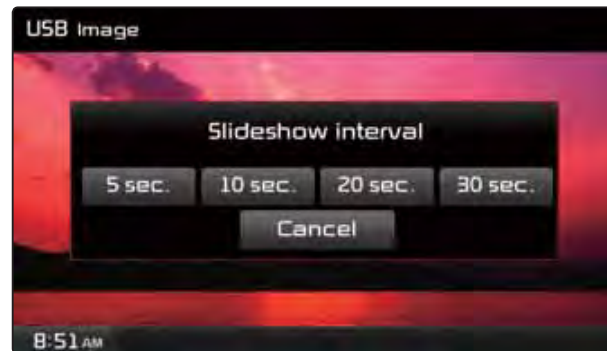


Image slideshow intervals can be set at **5sec**, **10sec**, **20sec**, or **30sec** intervals.

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.

i 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.

i 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** .

i 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.

iPod Mode

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 re-enter 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	
iPad				Not Released			
iPad Mini		Not Released					
iPod Classic	Not Released				(iPod with video)	(iPod Classic)	Not Released

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

iPod Mode

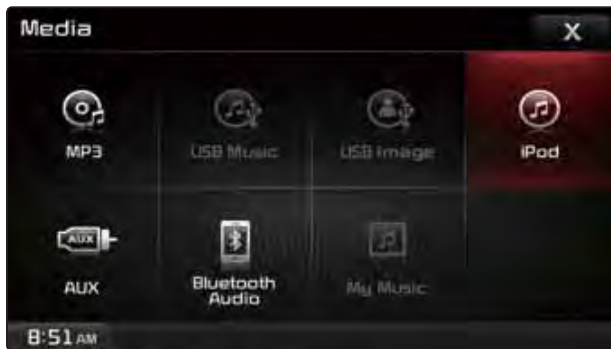
Basic Mode Screen



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 <ul style="list-style-type: none"> 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.

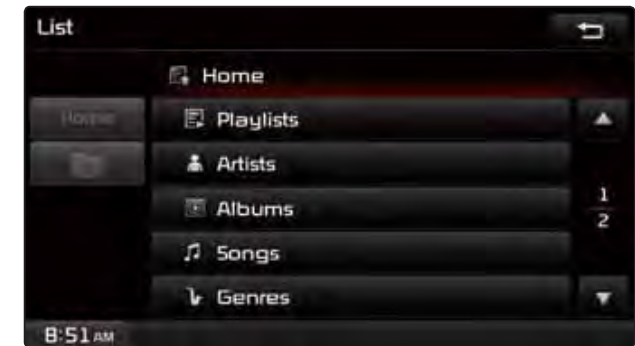
Playing iPod



- 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.

iPod Mode

i 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.

i 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.

i 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 Press the Repeat, Shuffle, and Info On (Info Off) menus.



Repeat

Press the **Menu** button Press **Repeat**.

i Information

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

Shuffle

Press the **Menu** button Press **Shuffle**.

i 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

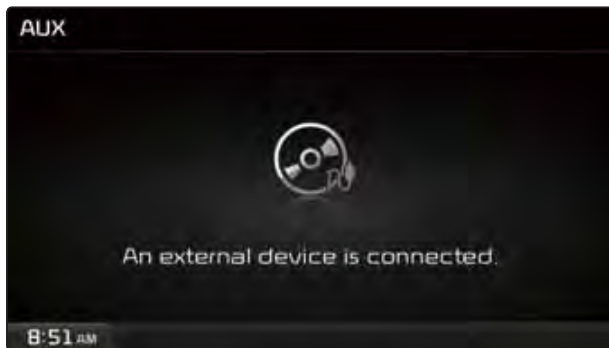
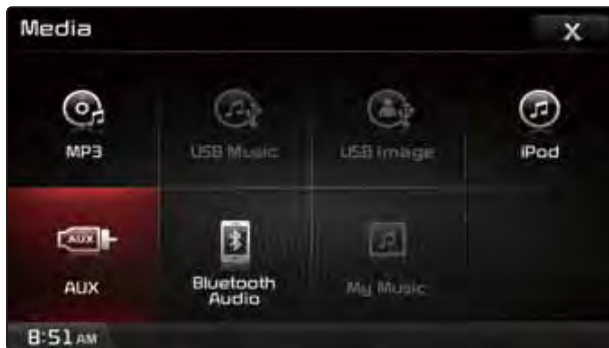
Press the **Menu** button Press **Info On**.

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.

AUX Mode

Starting Mode

Press the **MEDIA** key Press **AUX**



All external devices should be turned off before ignition is turned off and should not be reconnected until the vehicle has been turned on.

i 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.

i Information

- The color saturation option is not supported when using the PAL color system within this device.

Bluetooth® Audio Mode

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

i 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.

Bluetooth® Audio Mode

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.

i Information

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

Selecting Bluetooth® Audio Files

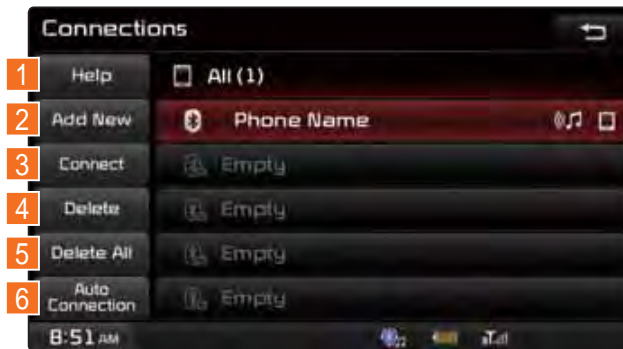
While playing Press the **SEEK** **TRACK** key Selects the previous/next file.

i 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.



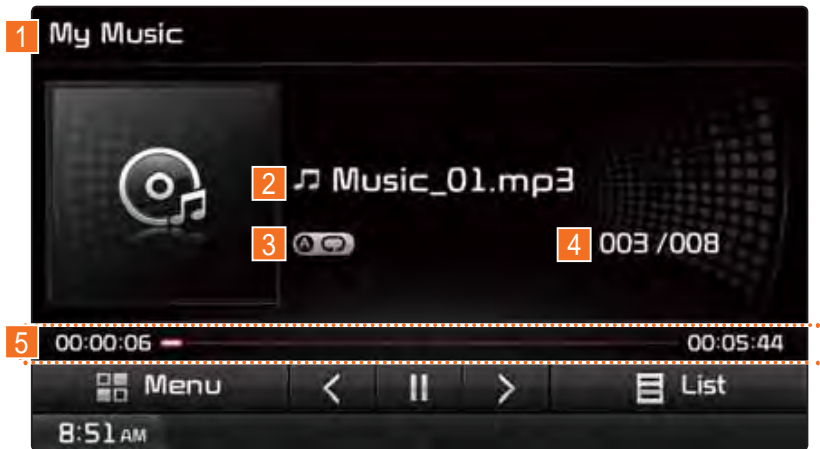
Name	Description
1 Help	Displays Bluetooth® Help screen
2 Add New	Pair a new Bluetooth® device
3 Connect/ Disconnect	Connect or disconnect a Bluetooth® device
4 Delete	Delete a paired Bluetooth® device
5 Delete All	Delete all paired Bluetooth® devices
6 Auto Connection	Set Bluetooth® phone Auto Connection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

i 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 **Play** 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 (www.kia.com/bluetooth).

My Music Mode

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 <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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

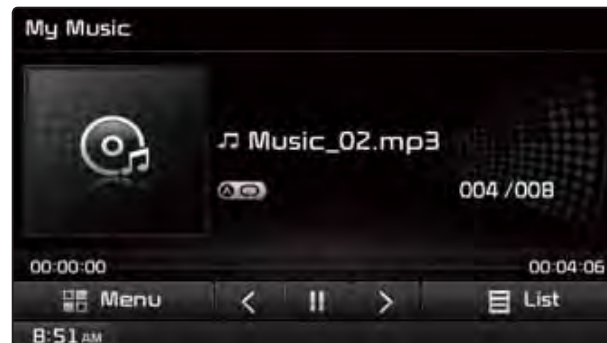
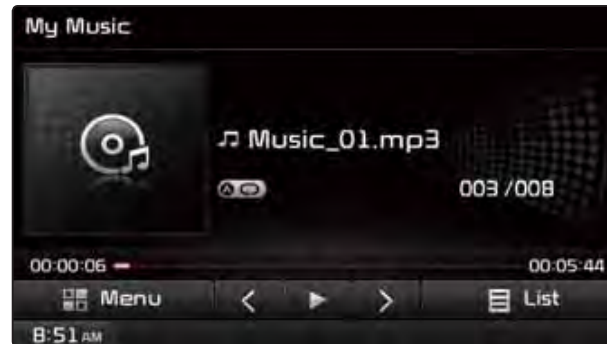
- My Music refers to a feature where music files (MP3, WMA) within USB memory drives or CDs are copied into the multimedia system to play them within the vehicle.

Press the **MEDIA** key

Press **My Music**



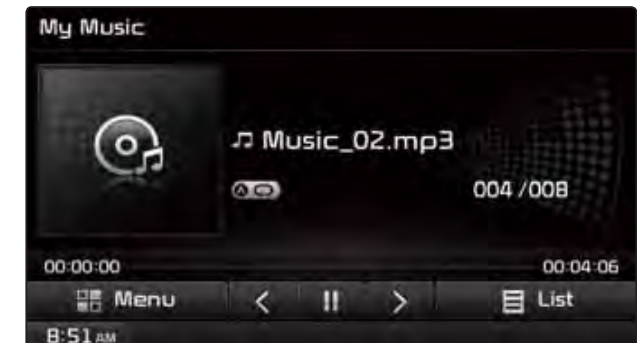
Playing My Music



- 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.

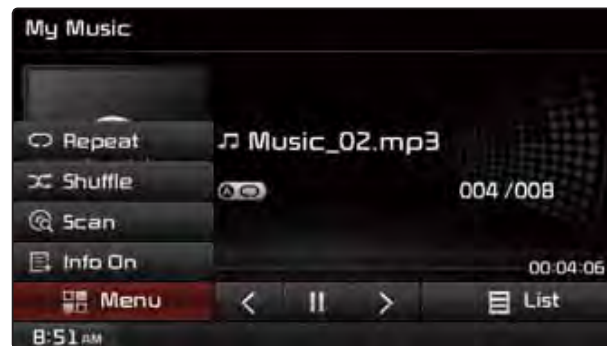
My Music Mode

i 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.

i 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.

i 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.

i 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.

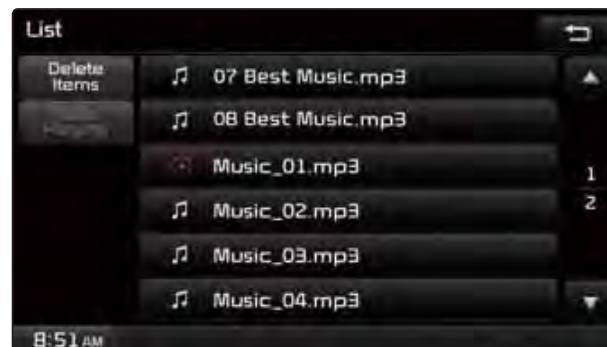
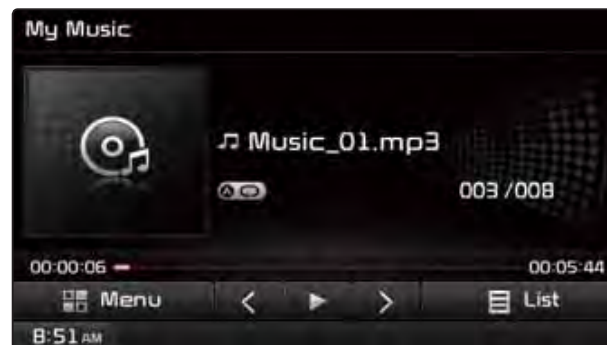
i Information

- 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 **▲** , **▼** .



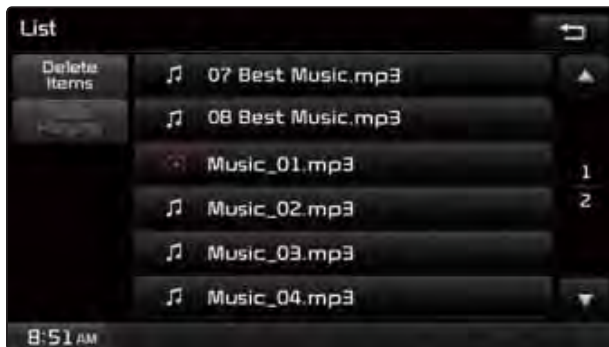
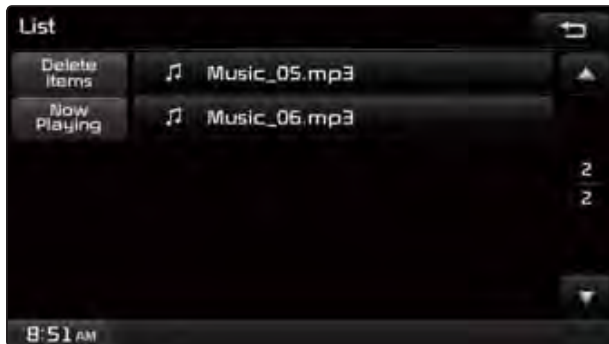
If six (6) or more files or folders exist in the same folder, the list will be displayed across two or more pages.

Press the **▲** , **▼** cursor buttons to quickly find the desired page.

My Music Mode

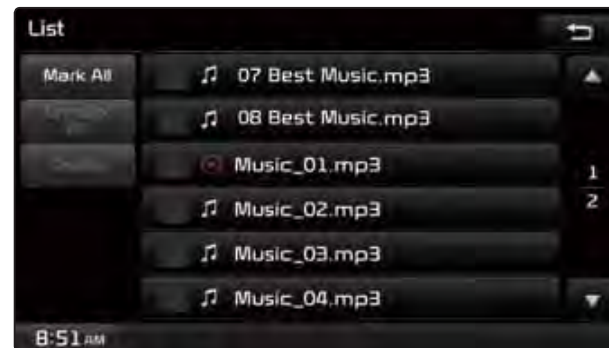
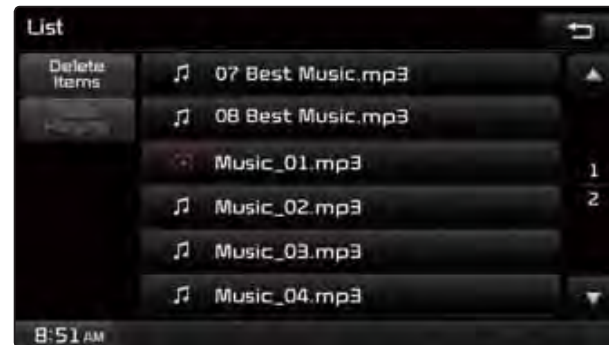
Returning to Current Location

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**.



i 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.

8 Setup

- Using Setup

CAR MULTIMEDIA SYSTEM

Using Setup

Basic Mode Screen

Press the  key Press  to display the Setup screen.



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	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  key Press  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  key Press  Press  .

Setting Balance/Fader

Press the  button Press  Set and press  .





Use the  ,  ,  ,  buttons to move the cursor on the control screen to the desired position.

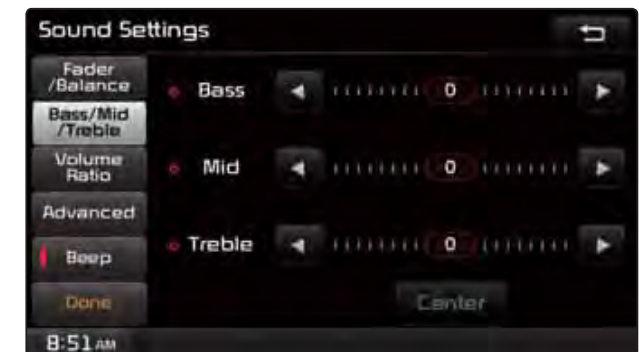
Press  to restore sound to the center position.

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  button Press  Set and press  .



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

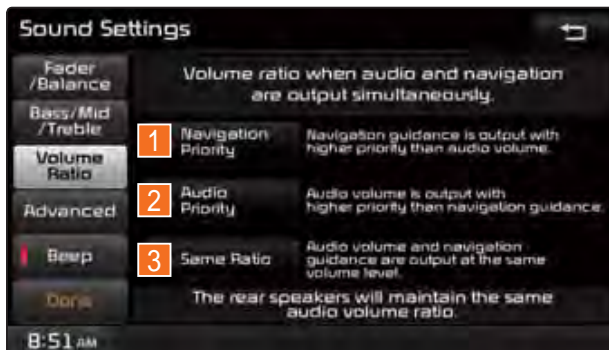
Using Setup

i 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.

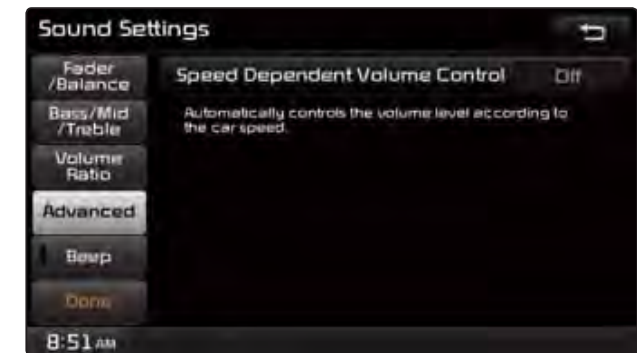
Name	Description
1 Navigation Priority	Navigation guidance is output louder than audio Volume
2 Audio Priority	Audio volume is output louder than the navigation guidance
3 Same Ratio	Audio volume and navigation guidance are output in identical volume

i Information

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

Advanced

Press the **Sound** button Press **Advanced** Set and press **Done** .



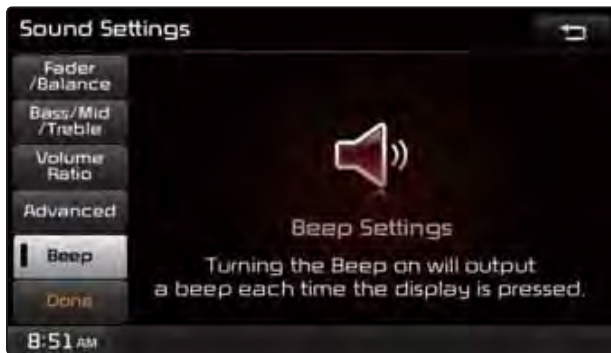
Speed Dependent Volume Control

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

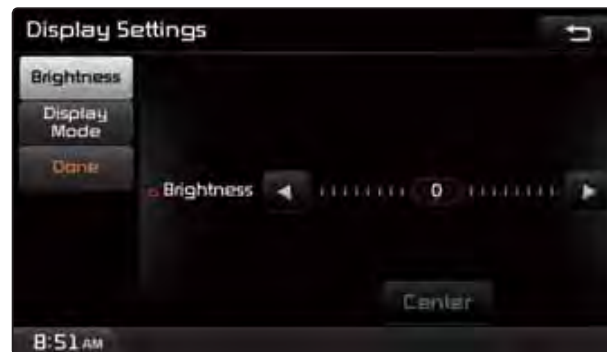
- When the light on the left side of the button is turned on, this indicates that the BEEP tone is active. Press the **Beep** button again to turn off the BEEP tone.

Display

Press the **i** key. Press **Setup**. Press **Display**.

Adjusting Brightness

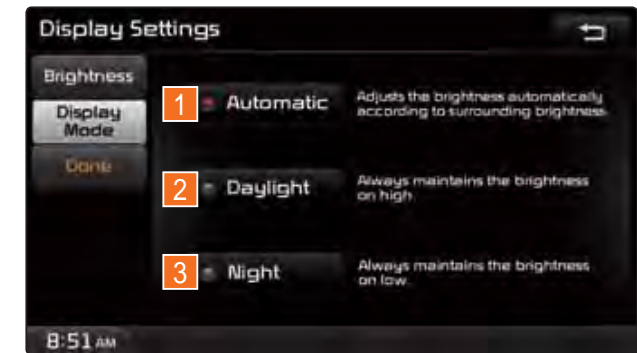
Press the **Display** button. Press **Brightness**. Set and press **Done**.



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 brightness
2 Daylight	Always maintains the brightness on high
3 Night	Always maintains the brightness on low

Information

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

Using Setup

HD Radio™ Reception

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

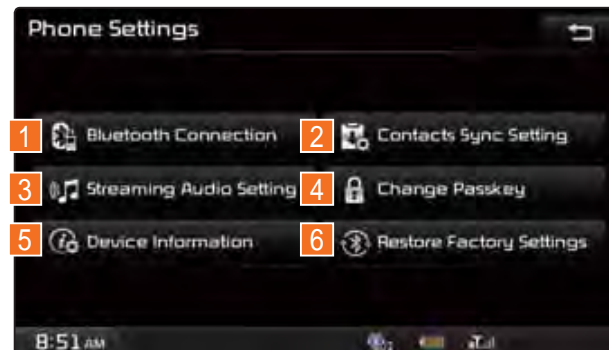


These settings are used to set whether to turn HD Radio™ reception On/Off.

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  key Press  Setup
 Press  Phone .

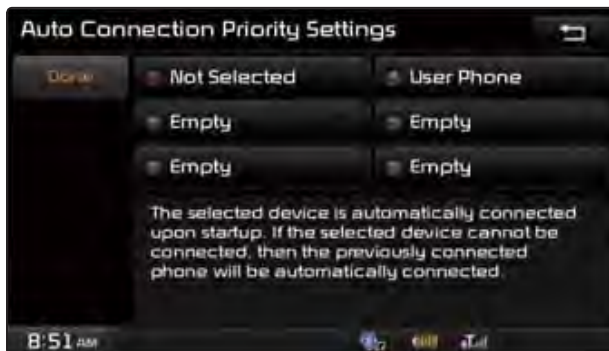
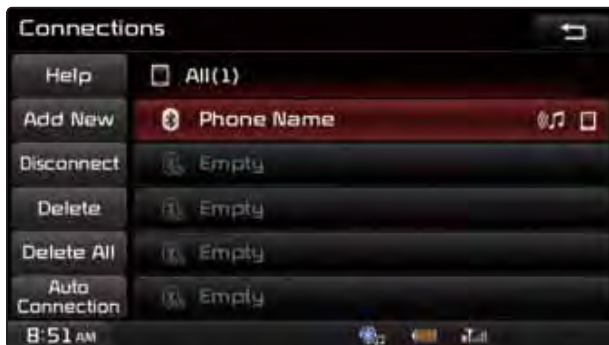


These menus allow you to set *Bluetooth®* Wireless Technology related features.

Name	Description
1 Bluetooth Connections	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
4 Streaming Audio 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.

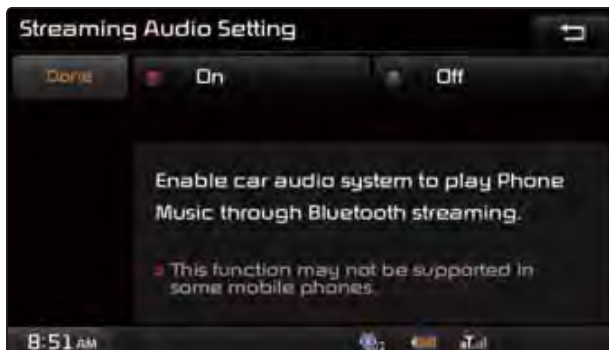
i Information

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

Using Setup

Streaming Audio Setting

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



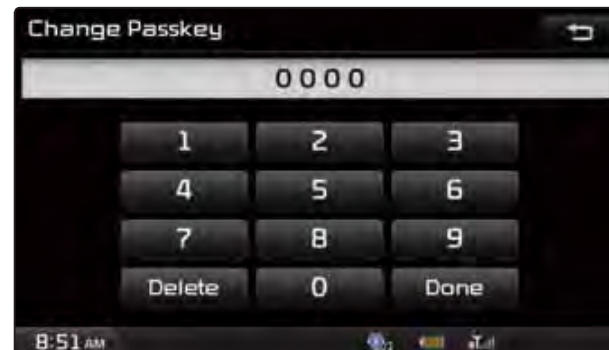
When Streaming Audio is turned On, you can play music files saved in your Bluetooth® device from the car.

i Information

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

Change Passkey

Press **Phone** Press
Change Passkey Set and press
Done .



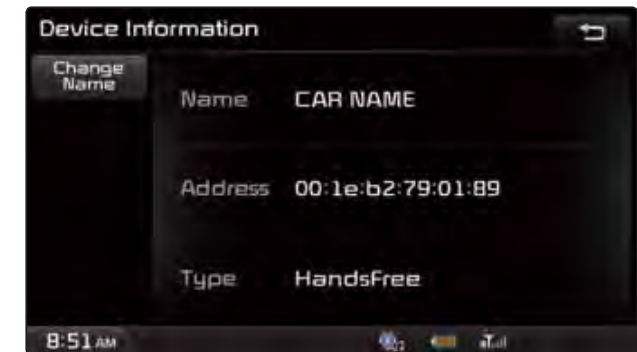
This feature is used to change the passkey required to connect a Bluetooth® device to the car.

i Information

- The default passkey is 0000.

Device Information

Press **Phone** Press
Device Information .



This feature allows you to check device information.

i 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** Press

Restore Factory Settings .



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

i Information

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

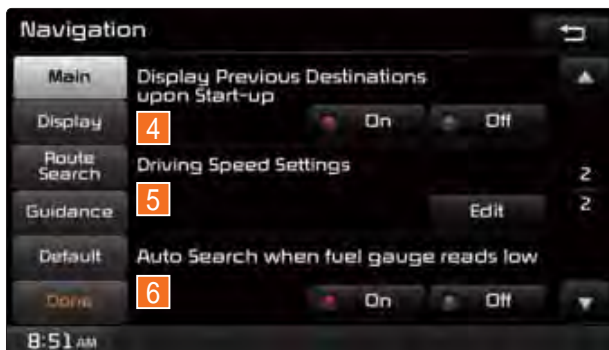
Using Setup

Navigation

Press the **i** **Settings** 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

i 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.

i 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.

Using Setup

Route Indicator Line

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



i 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**.

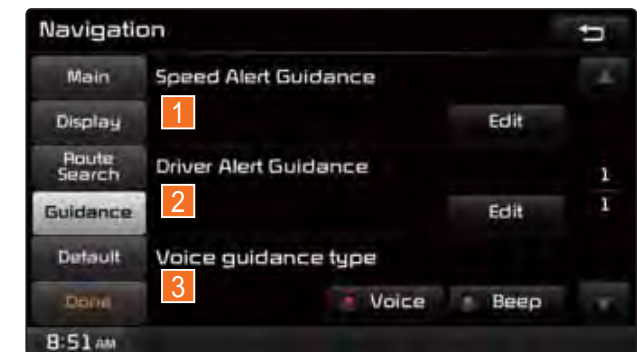


This menu is used to set route search related options.

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.

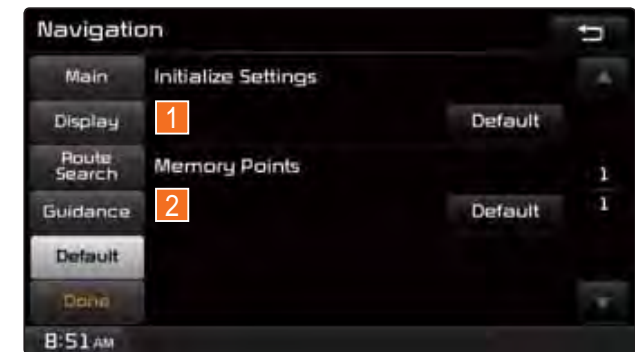


i Information

- 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

Using Setup

i Information

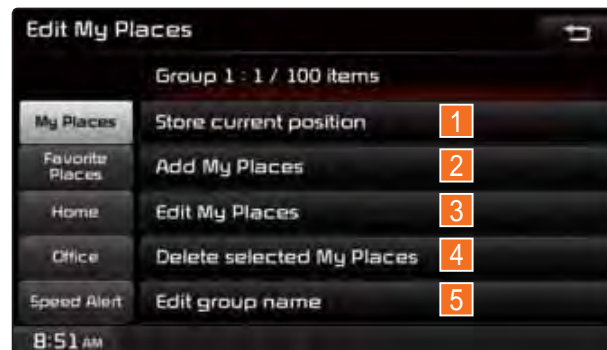
- If the settings of an option are reset, then all settings will be restored to the default factory state.
- Heed caution as Home, Office and other user locations may become deleted.

My Places

Press the **i**  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.

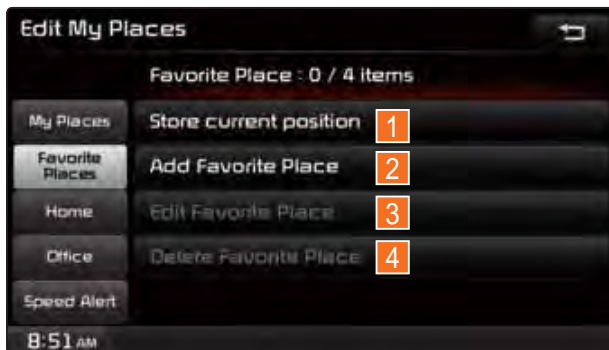
Name	Description
1 Store current position	Add the current vehicle position as a My Place
2 Add My Places	Add a My Place by using search functions
3 Edit My Places	Edit information pertaining to saved My Places, such as name, location, and telephone number
4 Delete selected My Places	Delete one or all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

i 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.

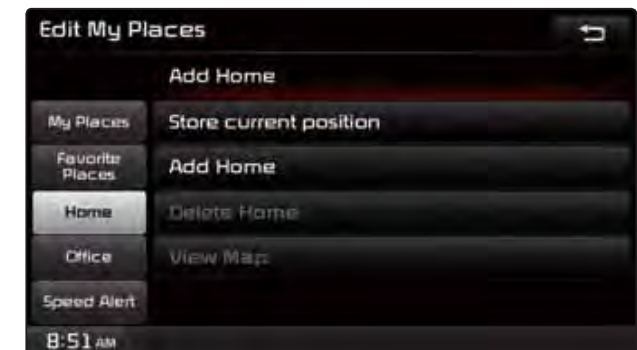
Name	Description
1 Store current position	Adds the current vehicle position as a Favorite Place
2 Add Favorite Place	Add a Favorite Place by using search functions
3 Edit Favorite Place	Edit information pertaining to saved Favorite Places, such as name, location, and telephone number
4 Delete Favorite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

i 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.

Using Setup

i Information

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

Speed Alerts

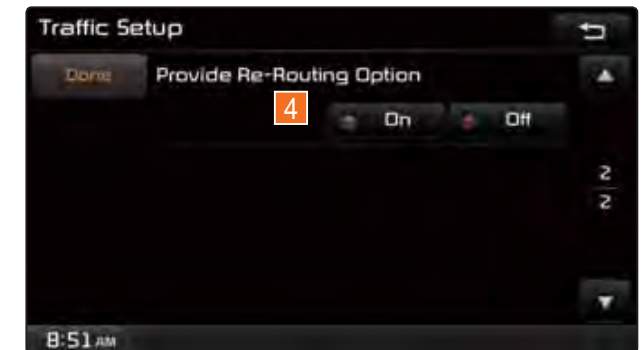
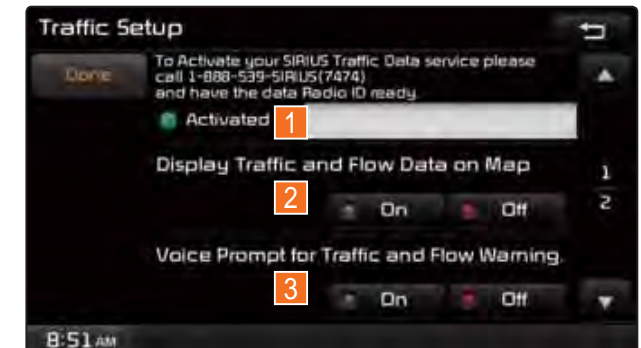
Press the **Edit My Places** button
Press **Speed Alert** Set and press
Done.



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

Traffic Setup

Press the **i** 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 Options	Sets whether to use re-routing options by reflecting traffic conditions

i 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

UVO eServices Settings

Within the eServices Settings screen, UVO eServices related features can be set, such as activating UVO eServices and changing the Registered Phone.

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

Press the **i** key, then press **Setup** icon on the touch screen.



Press **UVO eServices** icon on the touch screen.



Using Setup

UVO eServices Activation

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



Crash Notification Assist Setting

This feature is used to turn on or off the Crash Notification Assist feature.

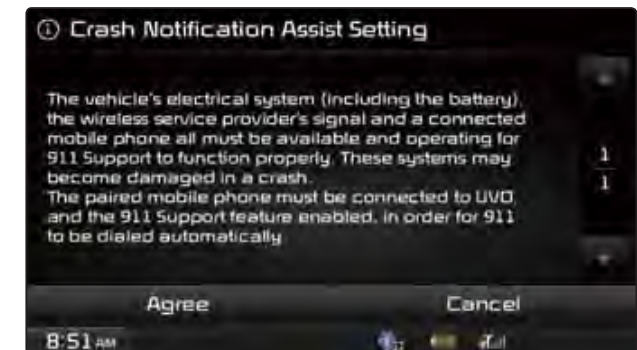
From the UVO eServices Setting screen, Press **Crash Notification Assist**.



To enable Crash Notification Assist, ensure that the **On** button is selected. To disable this feature, ensure the **Off** button is selected.

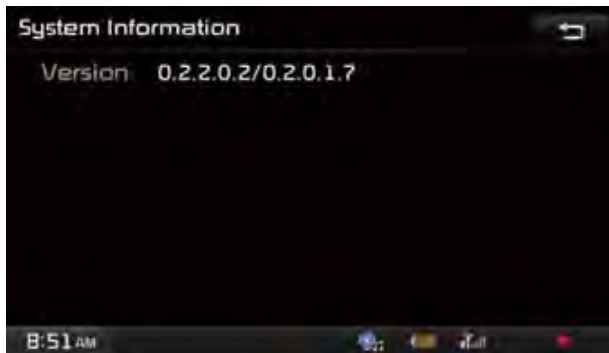
When enabling this feature, you must first agree to the Crash Notification Assist terms of use.

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



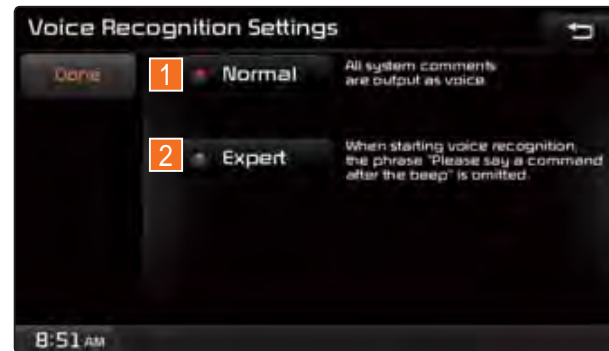
System Information

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 **i** 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 **i** key Press **Setup**
 Press **Clock** 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 Daylight Saving Time	Turns on/off daylight saving time feature
3 Time Format	Converts the digital clock display to 12 or 24 hours

Using Setup

i Information

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

View

Press **Clock** Press **View** Set and press **Done**.



This menu is used to set the clock type and date display within the multimedia system.

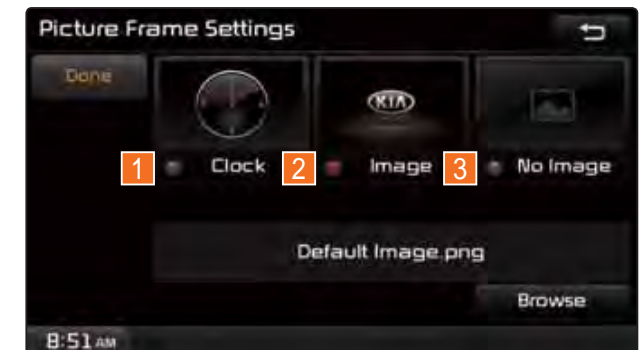
Name	Description
1 Clock Type	Changes Clock Type (Digital/Analog)
2 Date Display	Sets whether to display date within Clock screen

⚠ CAUTION

- The time may not be properly displayed if the GPS time is not connected.

Picture Frame

Press the **i** 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 Clock	Displays the clock on the screen when the system power is turned off
2 Image	Displays an image when the system power is turned off
3 No Image	No image is displayed when the system power is turned off

i 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 **i** 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

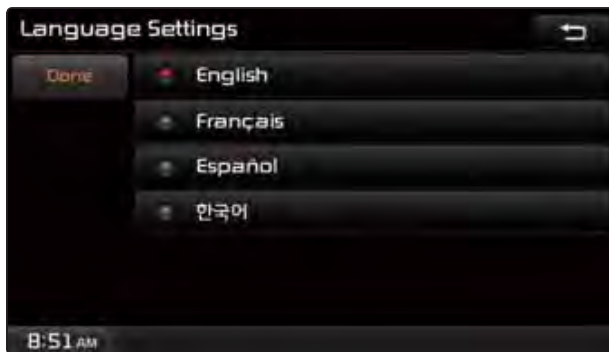
i Information

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

Using Setup

Language

Press the **i** **⚙️** 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, French, Spanish or Korean.

System Update

Press the **i** **⚙️** 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.

i 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 **i** 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.

i 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

Appendix

Product Specification

TFT-LCD

Screen Size	Navigation Device - 20.32cm (176.4 x 99.36mm)
Resolution	Navigation Device - 384,000 pixels (Resolution: 800 x 480)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Left/Right, Top/Bottom : ALL 89°
Internal Lighting	LED 18EA

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	2 ~ 8 Ω

Integrated Antenna

Operating Temperature	-22 ~ +185 (-30 ~ +85)	Storage Temperature	-40 ~ 220 (-40 ~ 105)
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	3mA (Head Unit Only)
Operating Temperature	-4 ~ +158 (-20 ~ +70)	Storage Temperature	-22 ~ 176 (-30 ~ 80)
Dimensions	290mm(W) x 227mm(H) x 258mm(D)		
Weight	3.5Kg		

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.

Appendix

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 :

- | | |
|--|--|
| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 :

- | | |
|--|--|
| <ul style="list-style-type: none"> • 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. | <ul style="list-style-type: none"> • 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 :

- | | |
|--|---|
| <ul style="list-style-type: none"> • 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. | <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Are the positions of Fader or Balance sound controls adjusted to only one side?

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

Appendix

Troubleshooting

Problem	Possible Cause	Countermeasure
The power does not turn on	The fuse is disconnected	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Insert the disc properly so that the sides are facing the correct direct
	The disc has been contaminated	<ul style="list-style-type: none"> • Wipe away dirt and other foreign substances from the disc
	The vehicle battery is low	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Insert a disc which is supported by the device

Problem	Possible Cause	Countermeasure
The image color/tone quality is low	<ul style="list-style-type: none"> • The brightness, saturation, hue, and contrast levels are not set properly 	<ul style="list-style-type: none"> • Properly adjust the brightness, saturation, hue, and contrast levels through Display Setup
Sound does not work	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • The disc is dirty or scratched
<ul style="list-style-type: none"> • Vibration is occurring from where the conversion switch has been installed • Image color/tone quality is low 		<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • There are no titles which can be played • The iPod firmware version has not been properly updated • The iPod device does not recognize downloads 	<ul style="list-style-type: none"> • 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

i Information

- While operating the device, if an abnormality occurs that cannot be corrected with the above described measures, press the
- **FM/AM** and **MAP VOICE** keys simultaneously for over 10 seconds to reset the software. The device power will turn off and the system will reset.

Appendix

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  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 on 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.

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 col-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.