

CAR MULTIMEDIA SYSTEM | USER'S MANUAL

# FORTE

## CAR MULTIMEDIA SYSTEM | USER'S MANUAL

A7ENE07



A7MS6-B3001

 The Power to Surprise

Thank you for purchasing this multimedia system.

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

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

## Precaution for safe usage

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

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

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

### WARNING

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

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

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

- 24-hour Roadside Assistance is a service plan provided by Kia Motors America, Inc. Certain limitations apply. Coverage details are available in the Kia Warranty and Consumer Information Manual. For access to Enhanced Roadside Assistance, a connected mobile phone via Bluetooth within the cellular service coverage area is required.
- Vehicle Diagnostics do not take the place of regularly scheduled maintenance. Feature checks powertrain, chassis, and airbag systems only. For factory-recommended maintenance schedule, see the Maintenance Feature of UVO eServices or the Owner's Manual.
- 911 Connect activates after an airbag deployment. Feature requires a connected mobile phone via Bluetooth. Dependant on cellular service coverage.
- The Rear Camera display is not a substitute for proper and safe backing-up procedures. The Rear Camera display may not display every object behind the vehicle. Always drive safely and use caution when backing up.

## Read the following safety cautions for your safety.

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

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

## Notations used within this User's Manual

### Safety Warnings

---

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

### Safety Cautions

---

- Failure to observe the safety instructions within this category could result in accident related injuries or damage to the vehicle.
- 

### Information

---

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

### NOTICE

---

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

# Table of Contents

## 1. Basic

### Warnings and Cautions

Warnings	1-2
Cautions	1-3

### Key Product Features

Key Product Features	1-4
----------------------	-----

### Component Names and Functions

Head Unit	1-6
Steering Wheel	1-8

### Starting the System for the First Time

Turning the System On/Off	1-10
Turning the System On	1-10
Turning the System Off	1-10
Resetting the System	1-11
Battery Warning Message	1-11

## 2. Audio

### FM/AM Mode

Basic Mode Screen	2-2
Starting Mode	2-3
Using SEEK	2-3
Using TUNE	2-3
Selecting Presets	2-3
Saving Radio Frequency	2-4
Saving Manually	2-4
Saving Automatically	2-4
Scanning Radio Frequency	2-4
Using the Menu Buttons	2-5
Preset Scan	2-5
Text On/Text Off	2-5

### SIRIUS Mode

Basic Mode Screen	2-6
Starting Mode	2-7
Using SEEK	2-7
Using TUNE	2-7
Selecting Presets	2-7
Selecting through Channel/Category List	2-8

Saving SIRIUS Channels	2-8
Saving Manually	2-8
Using the Menu Buttons	2-8
Search	2-9
Preset Scan	2-9
Scan	2-9

### About DISC

About DISC	2-10
Precautions upon Handling Discs	2-10
Supported Disc Formats	2-11
Disc/Content Format Compatibility	2-11
Before Playing an MP3 Disc	2-13

### CD Mode

Basic Mode Screen	2-15
Starting Mode	2-16
Playing a CD	2-16
Fast-forwarding or Rewinding CD Tracks	2-16
Searching CD Tracks	2-17
Using the Menu Buttons	2-17
Repeat	2-17
Shuffle	2-17

Scan.....	2-18
Info On/Info Off.....	2-18

## **MP3 CD Mode**

Basic Mode Screen .....	2-19
List Menu Screen .....	2-21
Starting Mode .....	2-22
Playing MP3.....	2-22
Selecting MP3 files.....	2-23
Using the Menu Buttons.....	2-24
Copy.....	2-24
Repeat.....	2-24
Shuffle.....	2-24
Scan.....	2-24
Info On/Info Off.....	2-25
Using Menus within the List Screen .....	2-25
Moving between Lists .....	2-25
Moving between Folders.....	2-26
Returning to Current Location .....	2-26

## **USB Mode**

About USB.....	2-27
Before Playing a USB MP3.....	2-27

USB MP3 Information and Precautions.....	2-29
Basic Mode Screen .....	2-30
USB Music Mode.....	2-30
USB Image Mode.....	2-32
Menu List Screen.....	2-33
Starting USB Music Mode .....	2-34
Playing USB Music.....	2-34
Searching USB Music Files.....	2-35
Using the Menu Buttons.....	2-35
Copy.....	2-35
Repeat.....	2-36
Shuffle.....	2-36
Scan.....	2-36
Info On/Info Off.....	2-37
Starting USB Image Mode.....	2-37
Searching USB Image Files .....	2-37
Using the Menu Buttons.....	2-38
Slideshow Interval.....	2-38
Rotating Image.....	2-38
Adjusting Image Size .....	2-39
Saving Image.....	2-39
Viewing Info.....	2-39

## **iPod Mode**

Using iPod Devices.....	2-40
Steps upon Initial Connection.....	2-41
Supported iPod Devices.....	2-41
Basic Mode Screen.....	2-42
Starting Mode.....	2-43
Playing iPod.....	2-43
Searching iPod .....	2-43
Selecting iPod Files.....	2-44
Searching iPod Files.....	2-45
Using the Menu Buttons.....	2-45
Repeat.....	2-45
Shuffle.....	2-45
Info On/Info Off.....	2-45

## **AUX Mode**

Starting Mode.....	2-46
Connecting an External Device.....	2-46

## **Bluetooth® Audio Mode**

Basic Mode Screen.....	2-47
Using Bluetooth® Audio Mode.....	2-48
Starting Mode.....	2-48

# Table of Contents

Playing Bluetooth® Audio.....	2-48
Selecting Bluetooth® Audio Files.....	2-49
Setting Connection.....	2-49

## My Music Mode

Basic Mode Screen.....	2-50
Starting Mode.....	2-51
Playing My Music.....	2-51
Selecting My Music.....	2-51
Using the Menu Buttons.....	2-52
Repeat.....	2-52
Shuffle.....	2-52
Scan.....	2-52
Info On/Info Off.....	2-53
Using Menus within the List Screen.....	2-53
Moving between Lists.....	2-53
Returning to Current Location.....	2-54
Deleting Files.....	2-54

## 3. Navigation

### Before Use

Precautions for Safe driving.....	3-2
Operating the Navigation.....	3-3
About the Map.....	3-4
About Map Scale.....	3-4
About Map Icons.....	3-4
About Map Database.....	3-4
About Map Updates.....	3-4
About Voice Guidance.....	3-4
Voice Guidance.....	3-5
About GPS.....	3-6

### Starting Navigation

Map Screen.....	3-7
Initial Screen.....	3-8
Current Position.....	3-8
Map Display Settings.....	3-9
Changing Map Scale.....	3-9
Map Menu.....	3-10
Adjusting Navigation Volume.....	3-10
POI Display.....	3-10

Editing POI Icons.....	3-11
Searching POIs.....	3-12
Adding a My Place.....	3-12

### Using the Navigation

Destination Search.....	3-13
Address.....	3-14
Previous Destinations.....	3-14
POI (Point of Interest) Search.....	3-15
POI Name Search.....	3-15
Gas Station.....	3-16
Restaurants.....	3-16
Emergency.....	3-17
My Places.....	3-17
Phone Number.....	3-18
Intersection Search.....	3-18
Exit/Entrance.....	3-19
Coordinates.....	3-19
Setting a Destination.....	3-19
Route Calculation.....	3-21
Demo.....	3-21
Add Waypoint.....	3-22
Route Recalculation.....	3-22

Cancel Route.....	3-22
Route Guidance.....	3-23
Preliminary Guidance Mode.....	3-23
Intersection Zoom Mode.....	3-24
Highway Mode.....	3-24
Turn List Mode.....	3-24
Route Menu .....	3-25
Cancel Route.....	3-26
Route Overview.....	3-26
Route Info.....	3-27
Route Option.....	3-27
Detour.....	3-28
Avoid Streets.....	3-28
Edit Route.....	3-28
Avoid Area.....	3-29

## Map Logos and Landmarks

Logo/Landmarks.....	3-30
Logo.....	3-30
2D Landmarks.....	3-32

## 4. Bluetooth® Handsfree

### Before Use

Before Using the Bluetooth® Handsfree .....	4-2
What is <i>Bluetooth®</i> Wireless Technology?.....	4-2

### Basic Mode Screen

When no Phones Have Been Paired.....	4-4
Pairing from the Bluetooth® Device.....	4-5
When a Phone is Already Paired.....	4-6
When Pairing Additional Device.....	4-7

### Using Bluetooth® Wireless Technology

When There is a Connected Device.....	4-8
Status Bar Icons.....	4-8
During a Call.....	4-9
Status Bar Icons.....	4-9
Making/Answering Calls.....	4-10
Calling by Dialing a Number.....	4-10
Making a Call from Speed Dial .....	4-10
Calling through Redial.....	4-11
Making a Call from Call History.....	4-11
Answering a Call.....	4-12

Rejecting a Call.....	4-12
Operating Menus during a Call.....	4-13
Switching Call to Bluetooth® Phone.....	4-13
Switching Call to Handsfree.....	4-13
Ending a Call.....	4-14
Switching to Call Waiting.....	4-14
Setting Mic Volume.....	4-15
Adjusting the Ring/Call Volume.....	4-15
Contacts.....	4-16
Mobile Contacts Screen Configuration.....	4-17
Downloading Mobile Phone Contacts.....	4-18
Checking Mobile Contacts Details.....	4-19
Adding as a Favorite.....	4-19
Favorites.....	4-20
Calling Favorites.....	4-20
Selecting/Deleting Favorites.....	4-20
Searching Contacts.....	4-21
Call History.....	4-22
Entering Call History Screen.....	4-22
Call History Screen Configuration.....	4-22
Downloading Call History.....	4-23
Viewing Call History Information.....	4-24
Setting Bluetooth® Connection.....	4-24

# Table of Contents

Connections Menu.....	4-25
Connecting a Device.....	4-25
Pairing a New Device.....	4-26
Disconnecting a Device.....	4-27
Deleting a Device.....	4-27
Setting Auto Connection.....	4-28

## 5. Voice Recognition

### Using Voice Recognition

Using Voice Recognition.....	5-2
Creating a suitable cabin environment.....	5-2
Starting Voice Recognition.....	5-3
Starting Voice Recognition.....	5-3
Skipping Prompt Messages.....	5-3
Re-starting Voice Recognition.....	5-4
Ending Voice Recognition.....	5-4
Using Voice Recognition.....	5-5
Adjusting Voice.....	5-5
Recognition Volume.....	5-5
Illustration on Using Voice Recognition (Setting Home as the Destination).....	5-6

### Voice Command List

Voice Command List.....	5-7
Help Command List.....	5-7
Audio System Command List.....	5-8
FM/AM Radio.....	5-8
SIRIUS Radio.....	5-9
CD(Audio Type).....	5-9
CD(MP3 Type).....	5-10
USB Music.....	5-10
iPod.....	5-11
My Music.....	5-11
Others.....	5-12
Phone Command List.....	5-12
Navigation Command List.....	5-13
Destination.....	5-13
Map.....	5-14
POI Category List.....	5-15

## 6. Information

### GPS Information

About GPS (Global Positioning System).....	6-2
When GPS Info Cannot Be Used.....	6-2

### Errors Unavoidable Due to System

Characteristics.....	6-2
Viewing GPS Info.....	6-3

### Help

Viewing Help.....	6-4
-------------------	-----

## 7. Other Features

### Rear camera display

About Rear Detection Camera.....	7-2
Operating sequence of the Rear Camera.....	7-2



## 8. Setup

### Using Setup

Basic Mode Screen.....	8-2
Starting Mode.....	8-3
Sound.....	8-3
Setting Balance/Fade.....	8-3
Setting Bass/Mid/Treble.....	8-3
Setting Volume Ratio.....	8-4
Advanced.....	8-4
Setting Beep.....	8-5
Display.....	8-5
Adjusting Brightness.....	8-5
Setting Display Mode.....	8-5
Phone.....	8-6
Connections.....	8-7
Navigation.....	8-8
Main.....	8-8
Display.....	8-9
Route Search.....	8-10
Guidance.....	8-10
Default.....	8-11
My Places.....	8-12

My Places.....	8-12
Favorite Places.....	8-13
Home and Office.....	8-13
Speed Alerts.....	8-14
Voice Recognition Settings.....	8-14
Clock Settings.....	8-15
Picture Frame.....	8-16
Keyboard.....	8-16
Language.....	8-17
System Update.....	8-17
Display Off.....	8-18

## 9. Appendix

### Appendix

Product Specification.....	9-2
Before Thinking There is a Product	
Defect.....	9-4
Before Thinking the Product Has	
Malfunctioned.....	9-5
Troubleshooting.....	9-6
FAQ.....	9-8
About Pairing Mobile Phones.....	9-8

About Making/Answering Phone Calls.....	9-9
About <i>Bluetooth</i> ® Wireless Technology/Head	
Unit Use Environment.....	9-9



## CAUTIONS upon Using SD Cards



### Ejecting and Inserting SD Cards

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



### Usage of SD Cards

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

---

## iPod®

---

iPod® is a registered trademark of Apple Inc.

---

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

---

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

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





# 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 Navigation 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 Navigation system while driving, such as entering POIs or conducting route searches. Such acts could lead to accidents, fire, or electric shock. Park the vehicle before operating the device.
  - Do not disassemble, assemble, or modify the Navigation system. Such acts could result in accidents, fire, or electric shock.
  - Use caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- 
- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.
  - Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.
  - Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
  - For most Audio and multimedia modes, the display will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen. (The screen will operate when the parking brake is set to ON for manual transmission vehicles and when set to P or Parking Brake On state for auto transmission vehicles.)
-

**⚠ CAUTION**

Pay attention to traffic conditions while driving.

- In some instances, the navigation may provide guidance through restricted areas.
- Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device. In addition, the touch screen may not work for some functions when the vehicle is in motion. The touch screen feature will be supported once the vehicle has stopped.
- Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.
- Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable levels before turning off the device.)

- If you want to change the position of device installation, please inquire with your place of purchase or service maintenance center.
- Technical expertise is required to install or disassemble the device.
- Turn on the car ignition before using this device. Do not operate the Navigation system for long periods of time with the ignition turned off as such operations may lead to battery discharge.
- Upon using the Navigation system for more than 10 minutes with the car engine turned off, a warning will be displayed. After 10 minutes, the warning will be displayed for 3 seconds every 1 minute.
- Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch screen.

- When cleaning the device, make sure to turn off the device and use a dry and smooth cloth.
- Never use tough materials, chemical cloths, or solvents(alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration.
- When experiencing product malfunctions, inquire with your place of purchase or service maintenance center.
- Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.

# Key Product Features

This device is an Multimedia System equipped with a multifunctional disc player that supports Radio (FM1, FM2, AM), 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.

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



<b>Navigation</b>	<b>Voice Guidance</b> <ul style="list-style-type: none"><li>• Voice route guidance to conveniently reach set destinations</li><li>• Various map scales that enables drivers to accurately view map and surrounding areas</li></ul> <b>Automatic Correction for Current Location</b> <ul style="list-style-type: none"><li>• Automatically corrects current position using map matching and GPS information</li></ul>
<b>Miscellaneous</b>	<b>Bluetooth® Wireless Technology</b> <ul style="list-style-type: none"><li>• Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel</li></ul> <b>Digital Screen Control Features</b> <ul style="list-style-type: none"><li>• Easy control of features through touch screen options</li></ul> <b>Steering Wheel</b> <ul style="list-style-type: none"><li>• Control over audio features, voice recognition and Bluetooth® through the steering wheel for increased convenience</li></ul>

# Component Names and Functions

## Head Unit



Name	Description
1 ● PWR ● VOL	<ul style="list-style-type: none"><li>• When power is off, press to turn power on</li><li>• When power is on, press and hold (over 1.2 seconds) to turn power off</li><li>• When power is on, press shortly (under 1.2 seconds) to turn Audio off</li><li>• Turn left/right to control volume</li></ul>
2 FM/AM	<ul style="list-style-type: none"><li>• Selects FM/AM mode</li><li>• Each time the key is pressed, the mode is changed in order of FM1 → FM2 → AM → FM1</li></ul>
3 SAT	<b>Converts to SIRIUS mode</b> <ul style="list-style-type: none"><li>• Each time the key is pressed, the mode is changed in order of SIRIUS1 → SIRIUS2 → SIRIUS3 → SIRIUS1</li></ul>
4 ^ SEEK v TRACK	<b>When key is pressed shortly. (under 0.8 seconds)</b> <ul style="list-style-type: none"><li>• In FM/AM mode, plays previous/next frequency</li><li>• In SIRIUS mode, plays the previous/next channel</li><li>• In CD/MP3/USB/iPod/My Music modes, changes the track, file or chapter</li></ul> <b>When key is pressed and held. (over 0.8 seconds)</b> <ul style="list-style-type: none"><li>• In FM/AM mode, continuously changes the frequency until the key is released and plays the current frequency</li><li>• In SIRIUS mode, continuously changes the channel until the key is released and plays the current channel</li><li>• In CD/MP3/USB/iPod/My Music modes, rewinds or fast-forwards the track or file</li></ul>
5 PHONE	Takes user to phone screen



Name	Description
<b>6 MEDIA</b>	<ul style="list-style-type: none"> <li>Displays CD, MP3, USB, iPod, AUX, Bluetooth® Audio Streaming, My Music modes</li> <li>If the media is not connected or a disc is not inserted, corresponding modes will be disabled</li> </ul>
<b>7 MAP VOICE</b>	Displays the map for the current position
<b>8 DEST</b>	Displays the Destination setup menu
<b>9 ROUTE</b>	Displays Route menu screen
<b>10 INFO SETUP</b>	Displays the Setup mode
<b>11 TUNE</b>	<ul style="list-style-type: none"> <li>In FM/AM mode, changes the frequency</li> <li>In SIRIUS mode, changes the channel</li> <li>In CD, MP3, USB, iPod, My Music modes, changes the track, file or chapter</li> </ul>
<b>12</b>	Press to insert or eject disc
<b>13 RESET</b>	Resets the system
<b>14</b>	SD Card insert slot

# Component Names and Functions

## Steering Wheel





Name	Description
<b>1</b> VOL+ VOL-	Controls the volume
<b>2</b> MUTE	Mutes the sound
<b>3</b> ▲ ▼	<p><b>When keys are pressed shortly. (under 0.8 seconds)</b></p> <ul style="list-style-type: none"> <li>• In FM/AM mode, searches broadcast frequencies saved to Presets</li> <li>• In SIRIUS modes, searches broadcast channels saved to Presets</li> <li>• In CD/MP3/USB/iPod/My Music modes, changes the track, file or chapter</li> </ul> <p><b>When keys are pressed and held. (over 0.8 seconds)</b></p> <ul style="list-style-type: none"> <li>• In FM/AM mode, automatically searches broadcast frequencies and channels</li> <li>• In SIRIUS modes, automatically searches broadcast channels</li> <li>• In CD/MP3/USB/iPod/My Music modes, rewinds or fast forwards the track or file</li> </ul>

Name	Description
<b>4</b> MODE	<ul style="list-style-type: none"> <li>• Each time this key is pressed, the mode is changed in order of FM1 → FM2 → AM → SIRIUS1 → SIRIUS2 → SIRIUS3 → CD(MP3) → USB/iPod → AUX → Bluetooth® Audio → My Music</li> <li>• If the media is not connected or a disc is not inserted, corresponding modes will be disabled</li> <li>• Press and hold the key (over 0.8 seconds) to turn the Audio system on/off</li> <li>• When power is off, press the key to turn power back on</li> </ul>
<b>5</b>	<p><b>When pressed shortly. (under 0.8 seconds)</b></p> <ul style="list-style-type: none"> <li>• Activates voice recognition</li> </ul> <p><b>When pressed and held. (over 0.8 seconds)</b></p> <ul style="list-style-type: none"> <li>• Ends voice recognition</li> </ul>

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



Name	Description
<b>6</b> 	<b>When pressed shortly. (under 0.8 seconds)</b> <ul style="list-style-type: none"> <li>When pressed in the phone screen, displays call history screen</li> <li>When pressed in the dial screen, makes a call</li> <li>When pressed in the incoming call screen, answers the call</li> <li>When pressed during call waiting, switches to waiting call (Call Waiting)</li> </ul> <b>When pressed and held. (over 0.8 seconds)</b> <ul style="list-style-type: none"> <li>When pressed in the Bluetooth® Handsfree wait mode, redials the last call</li> <li>When pressed during a Bluetooth® Handsfree call, switches call back to mobile phone (Private)</li> <li>When pressed while calling on the mobile phone, switches call back to Bluetooth® Handsfree (Operates only when Bluetooth® Handsfree is connected)</li> </ul>

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

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


# 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  button to display the most recent mode.



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

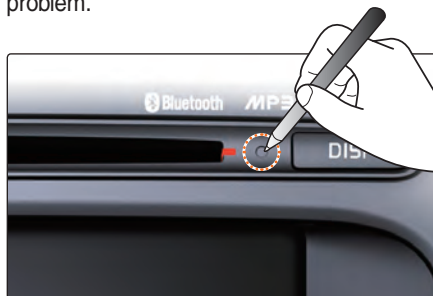
- If the system is turned off while the Handsfree is being used, then the call will automatically switch back to the mobile phone.
- ADM (Accessory Delay Mode) refers to a state in which the navigation system will remain turned on for continued use up to a certain amount of time even if the vehicle ignition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

**⚠ CAUTION**

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

## Resetting the System

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



Press and hold the RESET key. (about 1 second)  
(The use of a clip or pin is recommended when resetting the system.)

**NOTICE**

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

## Battery Warning Message

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



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

**⚠ CAUTION**

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

# MEMO

---



# 2 Audio

- FM/AM Mode
- 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



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

## 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.

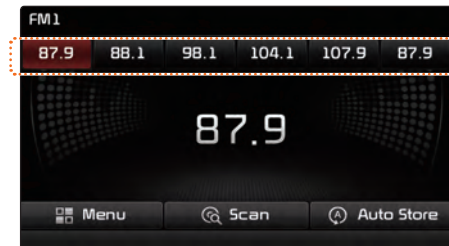
## Using TUNE

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



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

## Selecting Presets



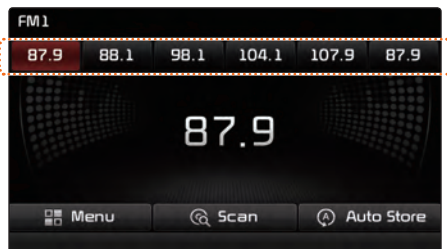
From the 6 presets, select the frequency you want to listen to.

### **i** Information

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

# FM/AM Mode

## 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.

## 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.

# 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.

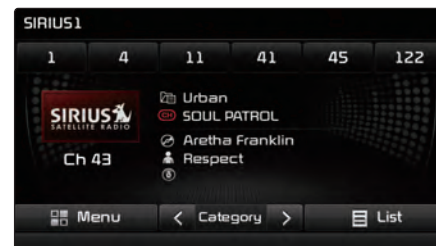
## Using TUNE

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

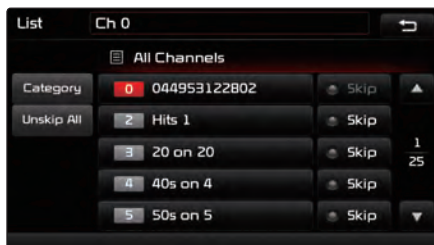
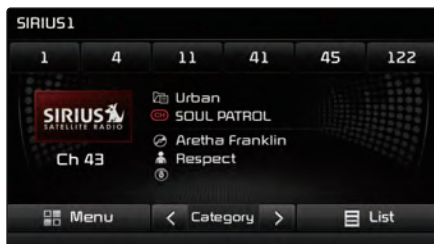


From the 6 presets, select the channel you want to listen to.

# SIRIUS Mode

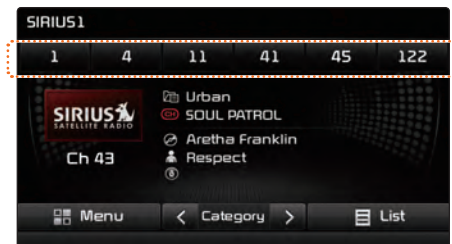
## Selecting through Channel/Category List

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.

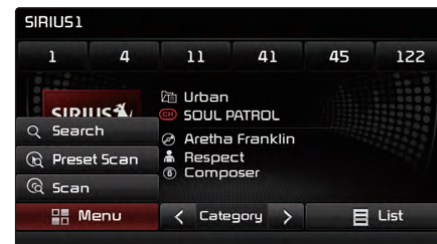
A confirmation 'beep' will be heard and the channel will be saved to the selected preset button.

### **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.

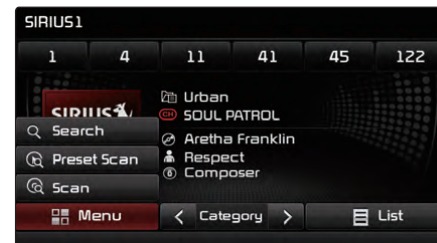
## Preset Scan

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 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	○
	MP3	○
	WMA	○
	MPEG4 AAC	X
	DTS-CD	○
	CD-ROM	○
	CD-G	X
	CD-EXTRA	○
	CD-TEXT	○

## Disc/Content Format Compatibility

### By Format according to Disc Type

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

## Ordinary Disc Compatibility

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



Audio-CD

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

# About 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.

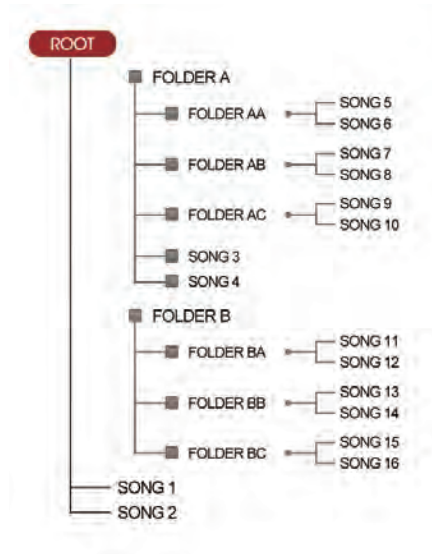
## Precautions upon Burning MP3 Files

- 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.

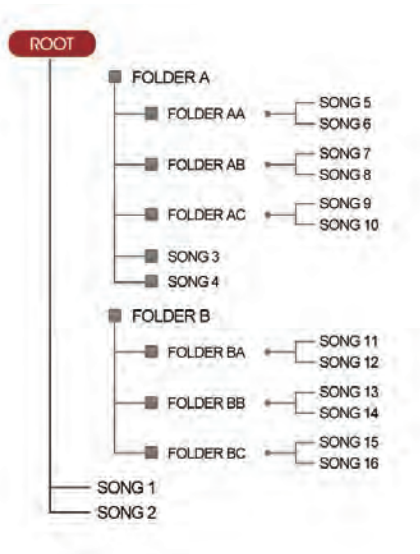
# About DISC

## MP3 File Structure

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



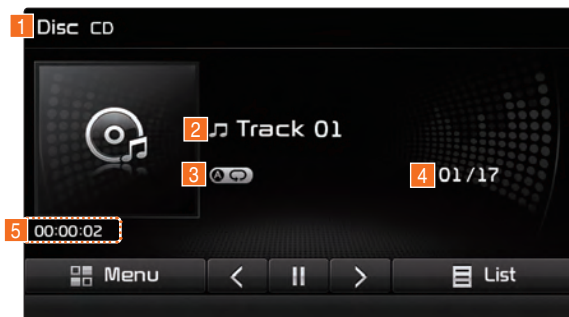
Folder structure as saved in CD-ROM



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"> <li>Info Off : shows only track info</li> <li>Info On : shows track info, artist and album info</li> <li>※ Empty when there is no corresponding information</li> </ul>
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"> <li>When the play time is under 2 seconds : Moves to the previous track</li> <li>When the play time is over 2 seconds : Plays the current song from the beginning</li> </ul>
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**.



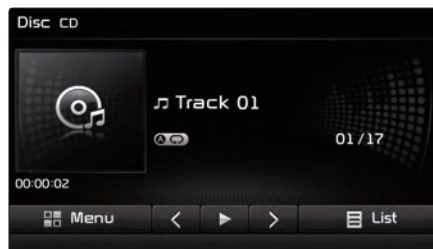
### NOTICE



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

### i 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.

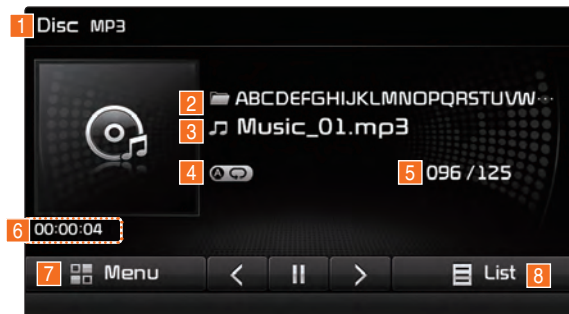
### Information

---

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

# MP3 CD Mode

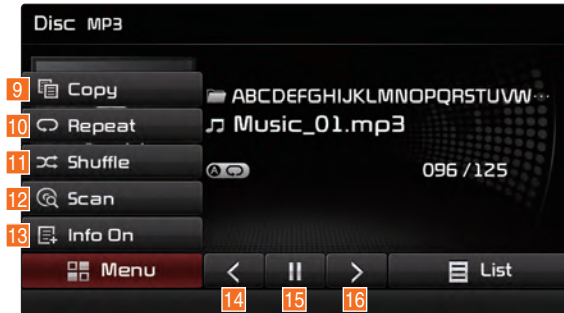
## Basic Mode Screen



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

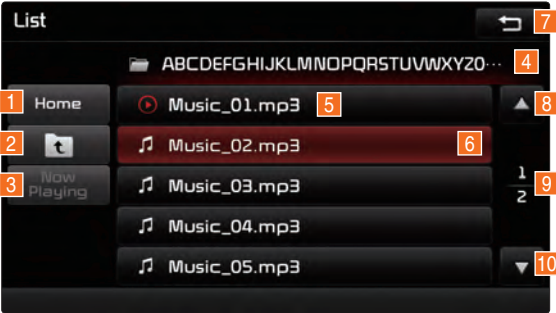
# MP3 CD Mode

## 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"><li>Info Off : shows folder name/file name</li><li>Info On : shows folder name, file name, title, artist, and album info</li></ul>
14 Previous file	<ul style="list-style-type: none"><li>When the play time is under 2 seconds : Moves to the previous file</li><li>When the play time is over 2 seconds : Plays the current file from the beginning</li></ul>
15 Play/Pause	Plays/pauses the current file
16 Next file	Moves to the next file

# List Menu Screen

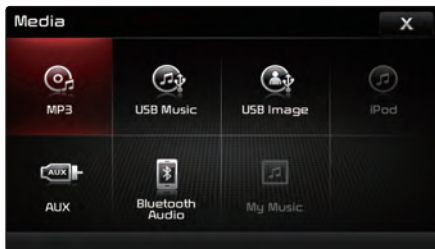


Name	Description
1 Home Folder	Moves to home folder
2 Parent Folder	Moves to the parent folder
3 Now Playing	From Repeat/Shuffle/Scan, displays the currently operating function
4 Folder Name	Folder name of current list
5 Current Song	Shows current playing file name
6 List Focus	Creates focus upon operating 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

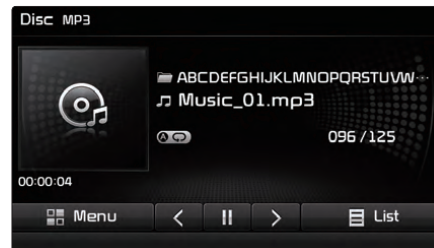
Press the **MEDIA** key ► Press **MP3**.



### **i** Information

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

## Playing MP3



- Press the **▶** button to play the file.
- Press the **||** button to pause the file.

## Selecting MP3 files

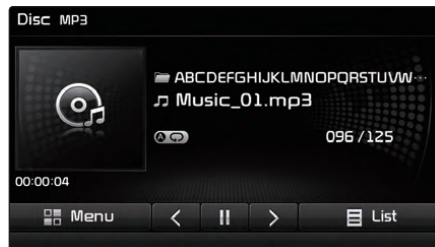
### Selecting from the Mode Screen

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



### Using Menus within List Screen

Press the **List** button ► Select the file from the list.



### Fast-forwarding or Rewinding MP3 Files

While playing ► Press and hold the **^SEEK** , **▽TRACK** key. (over 0.8 seconds)

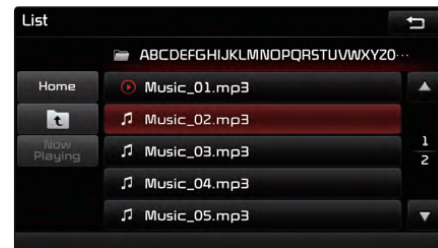
This will rewind or fast-forward the file.

While the **^SEEK** , **▽TRACK** key is being pressed, the file will rewind or fast-forward at 20x speed.

Once released, the file will begin playing at normal speed.

### Searching MP3 Files

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



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

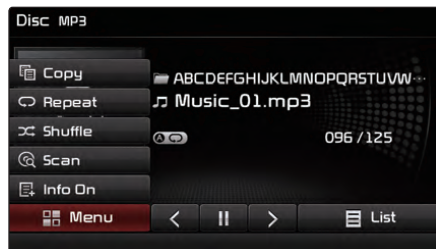
### Information

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

# 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.

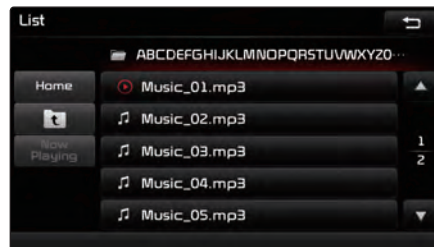
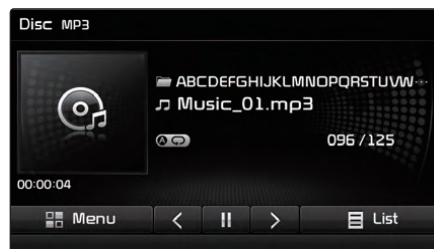
**NOTICE**

- 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.

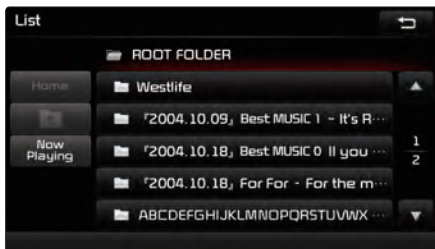
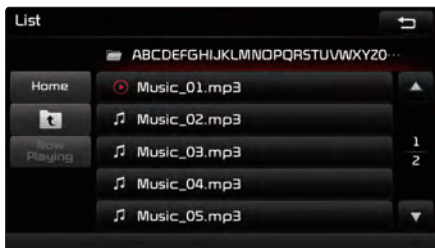
**i Information**


- 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.

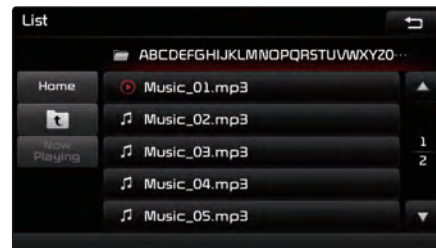
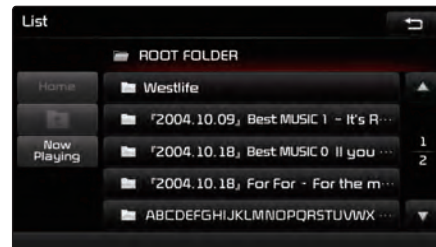
## i Information

- 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

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

#### CAUTION

- Files that are not standard format music/image files will not be played.
- For MP3/WMA files, only music files with compression rates between 8Kbps ~ 320Kbps can be played.
- Use caution as static electricity may exist when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.

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



Plug Type Connector

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

## Information

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

## USB MP3 Information and Precautions

Name	Description
MP3 File Specification	Specification : MPEG1 AUDIO LAYER 3
Recommended Bit Rates and Sampling Frequency	Acceptable sampling frequency : 32, 44.1, 48 (KHz)
	Acceptable bit rate : 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
	96, 128, 192 Kbps fixed bit rate/44.1KHz
ID3 Tag	Supports ID3v1.0 and ID3v1.1, ID3v2.2, ID3v2.3, ID3v2.4 ID3 tags
Detailed Specifications	Maximum directory layers : 20 layers Maximum length of folder name/file 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

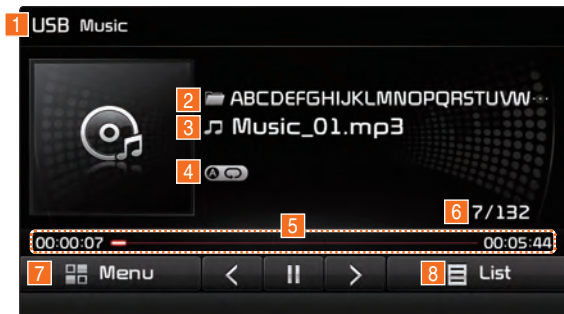
### Information

- 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.

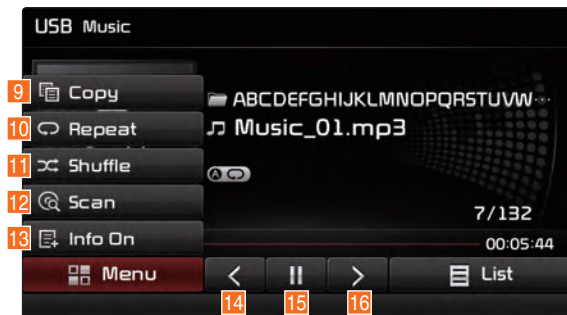
# USB Mode

## Basic Mode Screen

### USB Music Mode



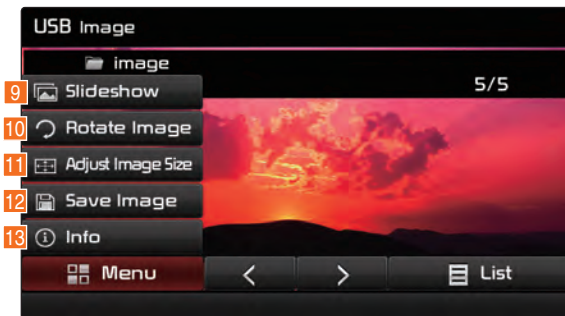
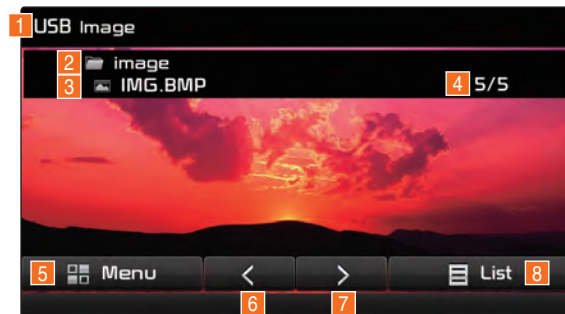
Name	Description
1 Mode	Displays currently operating mode
2 Folder Name	Displays the name of the current folder
3 File Name	Displays the name of the current file
4 Repeat/Shuffle/Scan	From Repeat/Shuffle/Scan, displays the currently operating function
5 Play Time	Displays the current play time/total 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"> <li>• Info Off : shows folder name/file name</li> <li>• Info On : shows folder name, file name, title, artist, and album info</li> </ul>
14 Previous File	<ul style="list-style-type: none"> <li>• When the play time is under 2 seconds : Moves to the previous file</li> <li>• When the play time is over 2 seconds : Plays the current file from the beginning</li> </ul>
15 Play/Pause	Plays/pauses the current file
16 Next File	Moves to the next file

# USB Mode

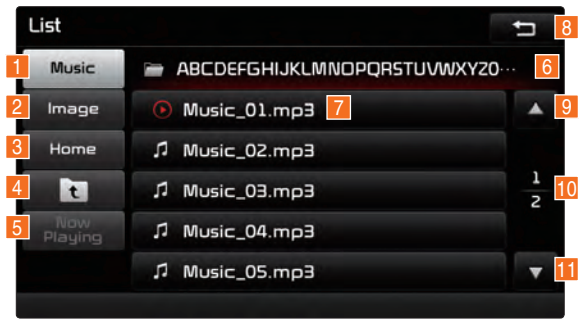
## USB Image Mode



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

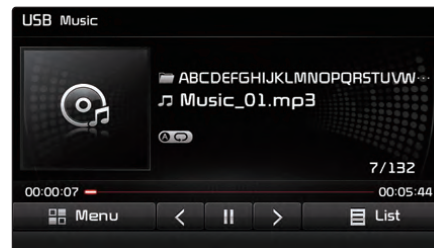


If the USB is not connected, then the **USB Music** button will be disabled.

### **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.

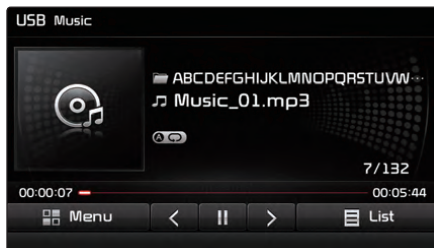
## Playing USB Music



- 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.



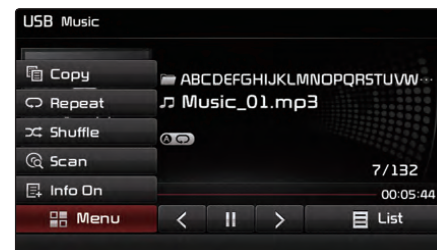
- Pressing and holding the ▲SEEK, ▼TRACK key (over 0.8 seconds) will rewind or fast-forward the current file.
- While the ▲SEEK, ▼TRACK key is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the USB Music will begin playing at normal speed.

## 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** .

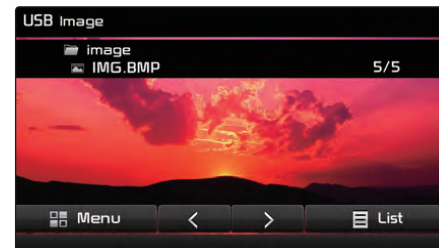


---

## 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**.

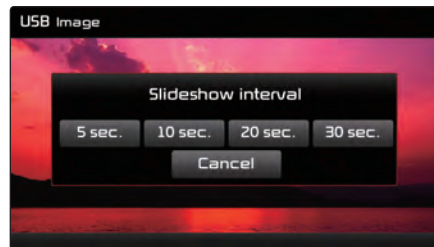
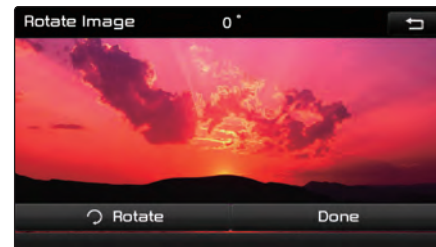


Image slideshow intervals can be set at **5sec**, **10sec**, **20sec**, or **30sec** intervals.

### 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.

### 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.

## 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 Navigation 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 Navigation system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)

- 
- For some iPod Touch and iPhone devices, connecting Bluetooth® while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth® support are connected, this problem occurs as the sound source changed from the USB cable to Bluetooth®
  - To listen to the iPod sound, reconnect the USB cable or exit then reenter iPod mode.
  - In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/iPhone products)
    - ※During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/iPhone product.) will charge the iPod through the head unit
    - ※**The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)**
- 

- 
- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1~2 seconds immediately after connection. If possible, connect the iPod to the vehicle with the iPod stopped/paused.
  - Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
  - Some iPod versions may not sync with the system. In such cases, the system may not properly restore the previously operated mode. (For iPads, battery charging is not supported.)
  - Applications that are not exclusively used as iPod Applications within iPhone/iPod devices are not supported.
-



## Steps upon Initial Connection

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

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

## Supported iPod Devices

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

Device / Generation	First	Second	Third	Fourth	Fifth	Sixth	Seventh
iPod Mini	Not Supported						
iPod Shuffle	Not Supported						
iPod Nano	○	○	○	○	○	○	△
iPod Touch	○	○	○	○	○	Not Released	
iPod Classic	Not Released				○ (iPod with video)	○ (iPod Classic)	Not Released
iPad (iPad Mini)	△ : Operation is supported but uncertified						
Device/Type	3GS	4G	4S	5G			
iPhone	○	○	○	○			

# 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"><li>Info Off : Shows title, artist, and album Info</li><li>Info On : Shows title, artist, album, genre, and composer info</li></ul>
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