

# SiriusXM™

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



## i Information

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

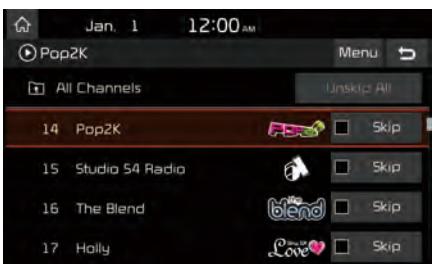
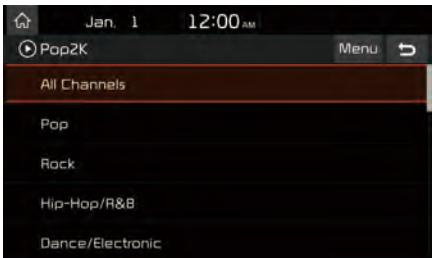
Features	Description
<b>1</b> Preset Frequencies	Shows the stored presets for user selection. After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button.
<b>2</b> Channel Logo	Displays the current channel logo.
<b>3</b> Channel Info	Displays the current channel number and name.
<b>4</b> Content Info	Displays the artist, title and other information about the current playing song.
<b>5</b> Category Info	Displays the category of the currently playing song.
<b>6</b> Band	Changes to the desired band from among FM, AM, and SiriusXM™.
<b>7</b> Direct Tune	Used to search for the desired channel by entering the channel number.
<b>8</b> Scan	Plays all receivable channels for 10 seconds per item.
<b>9</b> Play Live	Switches to the live broadcast mode.
<b>10</b> Skip Backward	Repeats the previously broadcasted program. <ul style="list-style-type: none"><li>Holding for less than 0.8 seconds: Moves to the previous segment.</li><li>Holding for more than 0.8 seconds: Moves to the previous 5 seconds.</li></ul>
<b>11</b> Play/Pause	Pauses/plays the current broadcasting program.
<b>12</b> Skip Forward	Moves to the next segment.



Features	Description
<b>13</b> Weak Signal	Displays the weak radio reception.
<b>14</b> Presets	Shows the stored presets for user selection.
<b>15</b> List	Moves to the channel list.
<b>16</b> Menu	<ul style="list-style-type: none"> <li>What is on My Presets? The program schedule saved in my preset. (For more details, see Section 3.10. Viewing Menu.)</li> <li>Featured Favorites: Theme channels recommended by SiriusXM™. (For more details, see Section 3.10. Viewing Menu.)</li> <li>Sound Settings: Moves to the Sound Settings.</li> </ul>
<b>17</b> SEEK/TRACK	<ul style="list-style-type: none"> <li>When pressed quickly (less than 0.8 seconds): Plays the previous/next channel.</li> <li>When pressed and held (more than 0.8 seconds): Continuously changes the channel until the key is released and plays the current channel.</li> </ul>
<b>18</b> TUNE	Changes the channel.

## Selecting through Channel/Category List

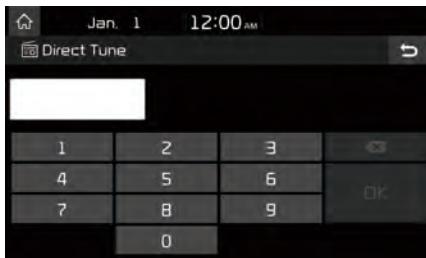
Select the **List** ► Select the desired category and channel.



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

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

## Direct Tune



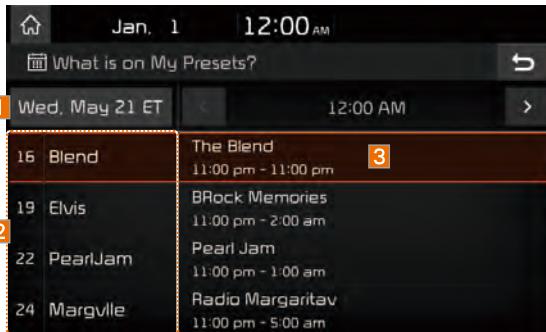
Enter the number of the channel you want to receive.

## Viewing Menu

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



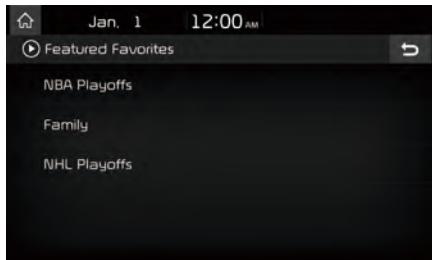
## What is on My Presets? (Program Schedule)



You can select Menu to see program information and the schedules of broadcast channels listed in the presets.

Name	Description
<b>1 Change Broadcast Date</b>	By selecting this option, you can select a broadcasting date. Broadcast information will be provided for one week from the current date.
<b>2 Preset</b>	Shows saved presets for user selection <i>i</i> A total of 40 frequencies for SiriusXM™ modes can be displayed.
<b>3 Program Information</b>	Shows you the program titles to be broadcasted at the time that you have chosen. Select a program to see more details. <i>i</i> If there is more information on the program you selected, an arrow button will be displayed on the right of the list. You can see more program information by selecting the arrow button.

## Featured Favorites



Featured Favorites feature allows SiriusXM™ to broadcast additional presets.

- Example 1: “Martha’s Favorites” may represent Martha Stuart’s favorites presets on her radio.
- Example 2: During holidays, “Holiday Music” may represent all the SiriusXM™ channels that are playing the holiday music for easy access by users.

Multiple sets Featured Favorites data can be broadcast by SiriusXM™ and can change from time to time.

# USB

## Before Playing a USB MP3

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

- Files that are not standard format music/image files will not be played.
- For MP3/WMA/OGG files, only music files with compression rates between 8Kbps ~ 320Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB is in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- USB devices, formatted to the FAT12, FAT16, or FAT32 file system, are recommended. File systems other than FAT12, FAT16, FAT32, exFAT, and NTFS are not supported.
- Some USB devices may not be supported due to compatibility issues.

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

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



Plug Type Connector

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

#### Information

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

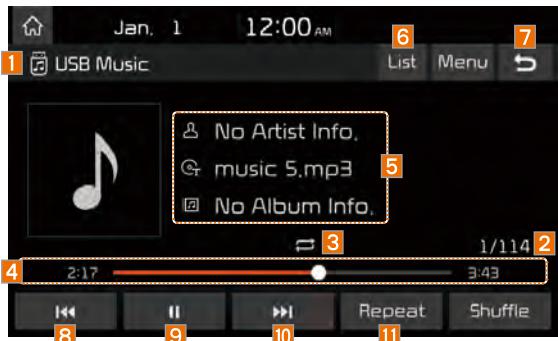
## Supported USB MP3 music specifications

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

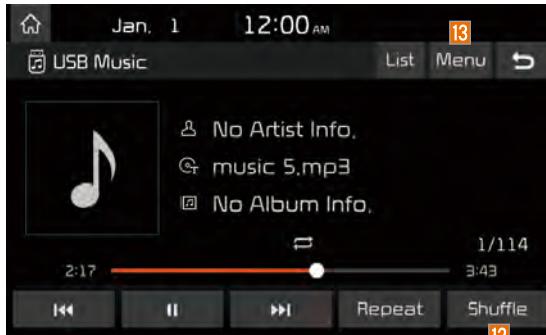
- The sound quality of MP3 files that use bitrates exceeding 192 Kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not properly operate.

## USB Music

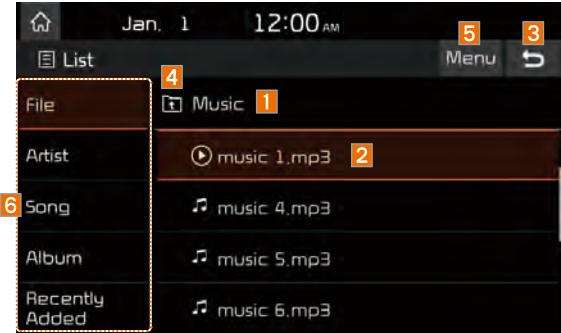


Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/title/album info
6 List	Moves to the list screen
7 Back Button	Converts to basic mode screen

Features	Description
8 Previous File	<ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time)           <ul style="list-style-type: none"> <li>If play time is less than 3 seconds, moves to previous file</li> <li>If play time is more than 3 seconds, play the current file from the beginning</li> </ul> </li> <li>If button is pressed (over than 0.8 seconds) it rewinds the track</li> </ul>
9 Play/Pause	Plays/pauses the current file
10 Next File	<ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Moves to the next file.</li> <li>If button is pressed (over than 0.8 seconds): It fast-forwards the track.</li> </ul>
11 Repeat	<ul style="list-style-type: none"> <li>Repeats the current file</li> <li>If select the song in the file tab on the list screen: Select the <b>Repeat</b> button to switch between repeating one song, repeating folder, and turning repeat off</li> <li>If select the song in the other tabs on the list screen: Select the <b>Repeat</b> button to switch between repeating one song and turning repeat off</li> </ul>



Features	Description
<b>12</b> Shuffle	<p>Plays files in random order</p> <ul style="list-style-type: none"> <li>If select the song in the file tab on the list screen: Select the <b>Shuffle</b> button to switch between Shuffle Folder, Shuffle All, and turning shuffle off</li> <li>If select the song in the other tabs on the list screen: Select the <b>Shuffle</b> button to switch between Shuffle Category and turning shuffle off</li> </ul>
<b>13</b> Menu	<ul style="list-style-type: none"> <li>Hide Current File: a selected file can be deleted. Deleted file can be found in the "Hidden_" folder.</li> <li><i>i</i> This function is only supported when USB format is compatible with FAT16 or FAT32.</li> <li>Sound Settings: Moves to the Sound Settings.</li> </ul>
<b>14</b> TUNE	<p>Turn the <b>TUNE</b> knob to search a desired track. If the desired track is displayed, select the <b>TUNE</b> knob to play the track.</p> <p><i>i</i> If you do not anything with the <b>TUNE</b> knob for 5 seconds of searching tracks, the track info for the current track is restored.</p>



Features	Description
1 Folder/ Category Name	Displays folder/category name in the list
2 Current Song	Displays the current playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder/ Category	Moves to Upper Folder/Category
5 Menu	Now Playing: When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
6 Search Menu	Search songs by the list type.
7 SEEK/TRACK	<ul style="list-style-type: none"> <li>If button is pressed (less than 0.8 seconds): Plays previous/next track</li> <li>If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.</li> </ul>
8 TUNE	Turn the TUNE knob to move the focus to the previous/next list. If the desired track is displayed, press TUNE knob to play the track.

# iPod

## Using iPod Devices

- iPod is a registered trademark of Apple Inc.
- iPod mode will not operate if the connected iPod cannot be recognized due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate with the Multimedia system.
- For fifth generation iPod Nano devices, the iPod may not be recognized when the battery level is low. Please charge the iPod for use.
- Search/play orders shown within the iPod device may differ with the orders shown within the Multimedia system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)

- If repeatedly connect and disconnect iPod/iPhone to the Multimedia system with USB cable in a short time, it may cause abnormal operation.
- The time for recognition of iPod/iPhone may vary depending on device type, firmware version and iOS version.
- For some iPod Touch and iPhone devices, connecting Bluetooth® while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth® support are connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to Bluetooth.
- To prevent this symptom, Bluetooth Audio function in the Multimedia system is limited if iPod/iPhone is connected to the system through both cable and Bluetooth. To listen to the iPod sound, use either iPod menu with USB connection or Bluetooth Audio with Bluetooth connection.

- To listen to the iPod sound, reconnect the USB cable or change the audio output settings in iPod/iPhone to Dock.
- In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/ iPhone products)
- ※ During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/ iPhone product.) will charge the iPod through the head unit.
- ※ **The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)**
- ※ To play iPod music through cable connection, the iPod/USB cable must be connected to the USB port in the front multibox. The USB port in the center console storage (if equipped) is for charging only.
- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1~2 seconds immediately after connection. If possible, connect the iPod to the vehicle with the iPod stopped/paused.
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- When connecting to iPod Nano/Classic, the Kia Motor logo appears on the Apple device. For the iPod Nano 6 generation, however, the logo image does not appear since it is not supported. Also, all iPhone and iPod Touch products do not support this function.
- In Apple's iOS 6.0 version or later, Podcast and Audiobook media files are designed to be played with the Podcasts and iBooks applications specifically designed for Apple products. If the Apple device does not provide the Podcast and Audiobook lists, the playlist may not be displayed and played in the iPod mode.
- If the Apple Podcasts and iBooks apps are not installed on the Apple device, but the Apple device provides the Podcast and Audiobook lists, you can play files in other categories in iPod mode.
- The screen of multimedia system can be different when you run other music players (e.g. iHeartRadio) on your connected device.

## Caution

- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changed some functions in the device.
- When calling with an iPhone connection, song may stop playing due to an Apple device feature. If sound does not resume after the call is terminated, check the device status.
- If lots of songs have the same information, skipping may occur when previous/next song is executed due to an Apple device feature. Also problems may occur depending on device type or iOS version.
- If lots of songs have the same information, the song that plays may be different between the system and the Apple device. Reset the device or delete the same songs in the Apple device using iTunes.
- If you control pause, repeat, shuffle, or seek songs when the play time is less than 3s before the song is finished playing, it may occur difference of playing song between the Multimedia system and Apple device. Access to iPod music from another mode or pause a song and then play a song again in Apple device.
- If the iPhone/iPod Touch supports Bluetooth, the Apple device will not be able to use the Bluetooth function if the device is connected through both the USB port and via Bluetooth. Disconnect the USB connection then use Bluetooth Audio.
- If iPod/iPhone connected to the Multimedia system through both USB and AUX. iPod/iPhone keeps output sound via AUX, thus it may occur sound will not output in iPod mode.
- If AUX cable connected to iPod/iPhone but not connect to the Multimedia system, it may occur sound will not output in iPod mode due to iPod/iPhone's feature. Especially, if you use AUX cable like pictures, this problem may occur.
- Disconnect AUX cable from iPod/iPhone first, then connect to the Multimedia system via USB. Or change settings to "Dock" in iPod/iPhone.
- If connect to the Multimedia system while podcast or iTunes music downloading to iPod/iPhone, it may occur some problems when you select song in the list. Reconnect iPod/iPhone to the Multimedia system when downloading is finished or the file deleted.
- If connect to the Multimedia system while sync, it may occur some problems. Try to use iPod/iPhone connection after sync complete. (To learn more, refer to your iPod manual)

## Caution

- iPhone and iPod Touch devices are guaranteed to work normally on iOS 9.3.2 or below. However, they may not work normally on future iOS versions as their operations have not yet been tested.

- We recommend that your Apple device uses the latest firmware since some problems may occur due to an outdated firmware or other software related issues.

Type	1G	2G	3G	4G	5G	6G	6.5G	7G						
iPod Mini														
iPod Shuffle							Not Supported							
iPod Nano	○	○	○	○	○	○	Not released	○						
iPod Touch	○ (iOS 1.1 not supported)	○	○	○	○	○	Not released							
Type	1G	2G	3G	4G	5G	6G	6.5G	7G						
iPad														
iPad Mini							○ (Unable to charge, Not verified, Normal operation not guaranteed)							
iPod Classic	Not Supported			○ (iPod with Video)	○ (iPod Classic)	○ (iPod Classic)	Not released							
Type	3G	3GS	4	4S	5	5C	5S	6	6+	6S	6S+	SE	7	7+
iPhone	Not verified, Normal operation not guaranteed	○	○	○	○	○	○	○	○	○	○	○	○	○