

# Table of Contents

| General                                      | AV  | Connectivity  | Appendix   |
|--|---|---|--|
| ■ Precautions for Safety.....4               | ■ USB ..... 28<br>- USB Music<br>- USB Movie<br>- USB Photo | ■ Deezer ..... 53<br>■ News Reder ..... 57<br>■ Podcast ..... 59<br>■ YouTube ... 63<br>■ Twitch ..... 67<br>■ Netflix ..... 71<br>■ Mirroring.... 73 | ■ Language. . 76<br>■ Bluetooth. . 77<br>■ Network.... 81<br>■ User Guide . 84<br>■ System Information . 85<br>■ Beep Sound. .... 85<br>■ Power Setting ..... 86<br>■ Factory Reset ..... 86 |
| ■ Key Product Features. .... 8               | ■ AV-In HDMI. 46  |   | ■ Specification . ..... 87<br>■ USB ..... 90<br>■ Troubleshooting Pre-Inspection ..... 94  |
| ■ Component Names and Functions. . 10        | ■ Sounds of Nature ..... 48                                 |   | ■ Troubleshooting ..... 97<br>■ Limited Warranty . . 103   |
| ■ Using the System for the First Time ... 12 | ■ Screen Sharing. .... 50                                   |   | ■ FCC Warning... 108   |
| ■ Kids Theme. 24                             |   |   |  |
| Setup  |   | ■ Starting mode..... 76   |  |

# Rear Seat Entertainment (RSE) System

## OWNER'S MANUAL

Please read this manual carefully before operating the RSE System and retain it for future reference. Designs and specifications are subject to change without prior notice.

The screens depicted in this manual may differ from the actual screens shown within the product. Product designs and specifications are updated and may change without prior notice for product improvement.

When transferring vehicle ownership to another individual, include this owner manual for the new vehicle owner.

All featured images are for illustrative purposes only.

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# Precautions for Safety

## WARNING:

- Do not disassemble, assemble, or modify the RSE System. Such acts may result in accidents, fire, or electric shock.
- Do not spill water or insert foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- This device is a stationary equipment that requires at least 7.8 in (20cm) of space from the human body for installation and operation.
- Please refrain from use if the screen is blank or no sound can be heard as these symptoms indicate potential product malfunctions. Continued use in such conditions may lead to accidents (fires, electric shock) or product malfunctions.

# Precautions for Safety

- The cigarette lighter/electrical socket and other electric accessories will operate only when the ignition is on. Improper use of the cigarette lighter/electric socket and other electric accessories can lead to severe injuries or fires. Never leave children unattended with car keys.
- Reclining the seat excessively may result in product damage.



# Precautions for Safety

## CAUTION:

- Turn on the car ignition before using this device. Do not operate the RSE System for long periods of time with the ignition turned off as such operations may lead to battery discharge.
- Adjust the volume level so that the driver is able to hear sounds coming from outside of the vehicle. Driving while unable to hear outside noise and warning alarms may be the cause of traffic accidents.
- Pay attention to the volume level when turning the device on. A sudden output of loud noise could lead to hearing impairment. (Adjust the volume to an appropriate level before turning off the device.)
- 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.

# Precautions for Safety

- When cleaning the device, turn off the device first and clean using 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 and quality deterioration.
- When experiencing product malfunctions, have the product inspected by an authorized KIA dealer.

# Key Product Features

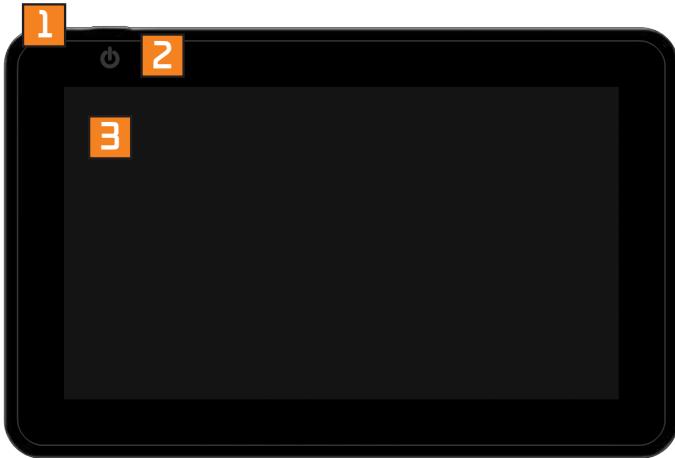
|                          |   |
|--------------------------|---|
| <b>Display</b>           | <b>Wide TFT-LCD Display</b><br>Provides high-quality video through a Wide TFT-LCD Display using an LED Back Light.  |
| <b>Multimedia Player</b> | <b>Support for various Media Formats</b><br>Supports various media formats, including Audio/MP3/ AUX and USB modes. |

# Key Product Features

|     |   |
|-----|---|
| Etc | <p><b>Bluetooth® Wireless Technology</b><br/>Enjoy media on your Bluetooth device through a wireless Bluetooth connection.</p> <p><b>Digital Screen Control</b><br/>Easy access and control of system features using the touchscreen.</p> <p><b>Wi-Fi</b><br/>Wi-Fi connection to connect to the Deezer, News Reader, Podcast, YouTube, Twitch, Netflix, YouTube Kids.</p> <p><b>Mirroring</b></p> <ul style="list-style-type: none"><li>• Screen Mirroring using Wi-Fi to connect the RSE system and Android phone.</li><li>• The smartphone screen is mirrored on the RSE system for easier smartphone control using the RSE system. To learn more, refer to the “Mirroring” section.</li></ul> |
|-----|---|

# Component Names and Functions

## Display Monitor - Front



| Name                  | Description   |
|-----------------------|---|
| 1 Power Key           | Press to turn the unit ON/OFF.                      |
| 2 Power Indicator LED | Displays the power on/off state.                    |
| 3 LCD Touch Screen    | Easy control of product features using touchscreen. |

# Component Names and Functions

## Display Monitor - Left



| Name             | Description   |
|------------------|---|
| 4 RESET          | Used to reset system.                                 |
| 5 USB Port       | Connect a USB device to play music, video and images. |
| 6 Headphone Jack | Headphone connection jack.                            |
| 7 AV IN          | AUX input port - AV cable                             |
| 8 HDMI           | HDMI input jack - HDMI cable                          |

# Using the System for the First Time

## Turning the System On/Off

### Turning the System ON

Press the engine start button then press the power button at the upper left side.



### Note

- If the system is set to “Turn power on automatically,” the system will start automatically upon vehicle ignition. For more information, refer to “Power Setting”.

### Turning the System Off

Press the engine start button again or press the power key on the RSE system to turn off the system.

### Display ON/OFF

Press the Display  button on the screen. Sound will operate even when the display is off. Touch anywhere on the touchscreen to turn the display back on.

# Using the System for the First Time

## Adjusting the Display Mode

Press the Brightness  button on the screen. Select the desired mode.



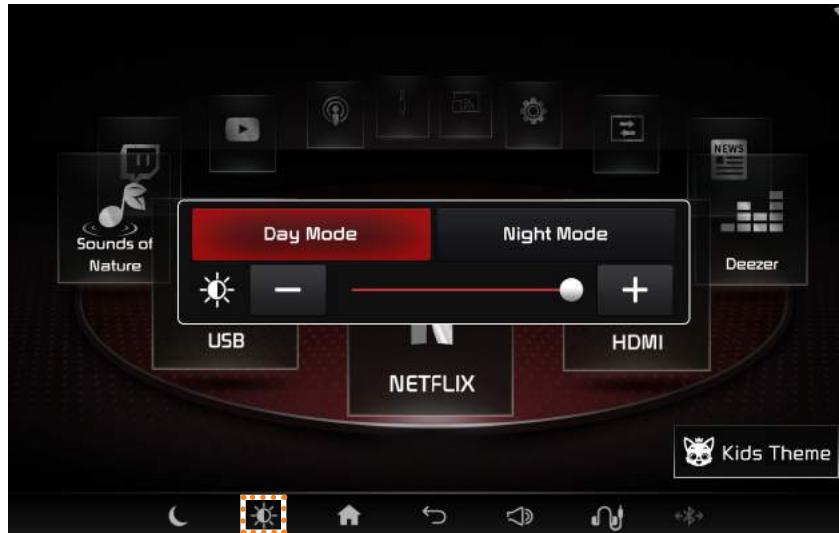
| Name       | Description                                    |
|------------|--|
| Day Mode   | Brightness level suited for day time.          |
| Night Mode | Brightness level suited better for night time. |

# Using the System for the First Time

## Adjusting the Brightness

Press the Brightness  button on the screen.

Adjust the brightness to the desired level.



# Using the System for the First Time

## Adjusting the Volume

Press the Volume  button on the screen. Adjust the volume to the desired level. Press and hold the volume button to mute.



# Using the System for the First Time

## Resetting the System

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



To reset the system, use a clip or a pin to press into the RESET button.

# Using the System for the First Time

## Setting the Speaker Mode

Press the speaker icon. Each time the button is pressed, the mode will change between the headphones and vehicle speaker.



| Icon  | Mode  |
|---|---|
| Earjack Headphones  | Earjack Headphones  |
| Bluetooth Headphones  | Bluetooth Headphones  |
| Bluetooth Audio Sync - Syncs the audio and video upon Bluetooth connection. | Bluetooth Audio Sync - Syncs the audio and video upon Bluetooth connection. |

### Note

- The vehicle speakers can be selected for use from one monitor. When in use, the vehicle speakers cannot be connected to the other monitor.
- For more information on connecting Bluetooth headphones, refer to “Bluetooth”.
- This device does not include the sound speaker function.
- For sound output, a Bluetooth (automobile/speaker/headset) connection or headphone jack connection is required.

# Using the System for the First Time

## Controlling RSE using a smartphone

1. Connect RSE to your smartphone on a common network and start the RSE Remote App on your smartphone.
2. To connect, select Left or Right on the RSE screen according to the seat position. (Seat selection is required only once.)



## Note

- To use rear seat entertainment, you must first install the RSE Remote App on your smartphone.
- For Android phones, search for  RSE Remote at the Google Play store.
- For iPhones, search for  RSE Remote at the App Store.
- For more information on using the RSE Remote App, please refer to the RSE Remote user guide.

# Using the System for the First Time

## Touchscreen Controls

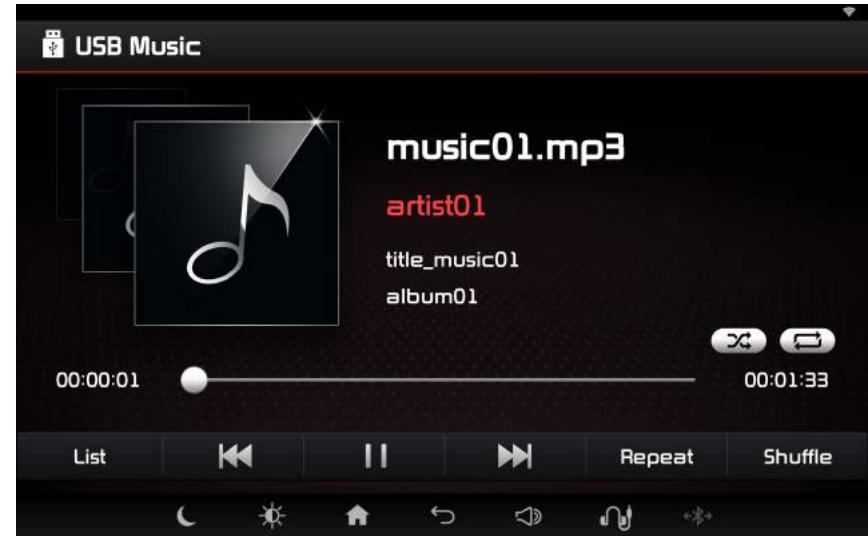
Learn to how use the touchscreen to operate the system.

### Select

Lightly tap the menu or item on the screen to select.

### Drag & Drop

Select a menu or item and drag & drop in the desired location.

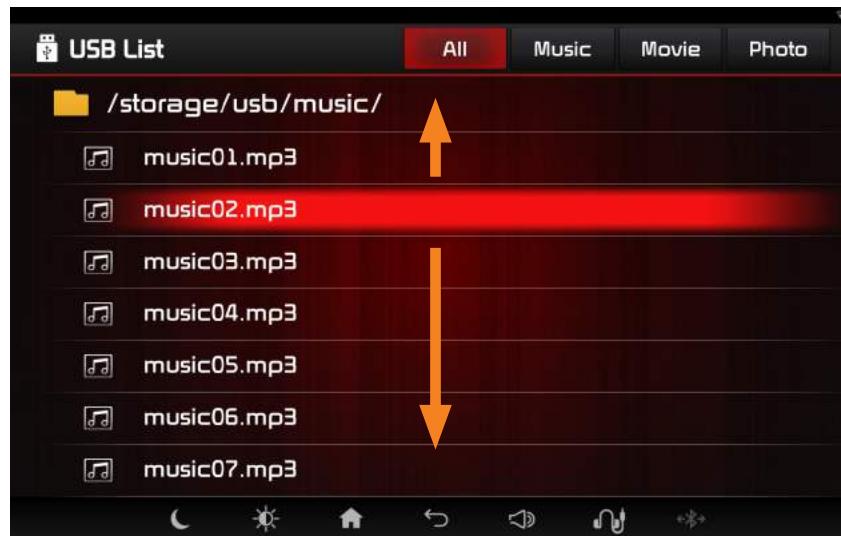


Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from.

# Using the System for the First Time

## Flick (Quick Scrolling)

Flick the touchscreen to quickly move up and down in the list.



# Using the System for the First Time

## Home Screen

Press the  button.



### Note

- Mirroring is currently available in only Android devices.

# Using the System for the First Time

## Home Screen

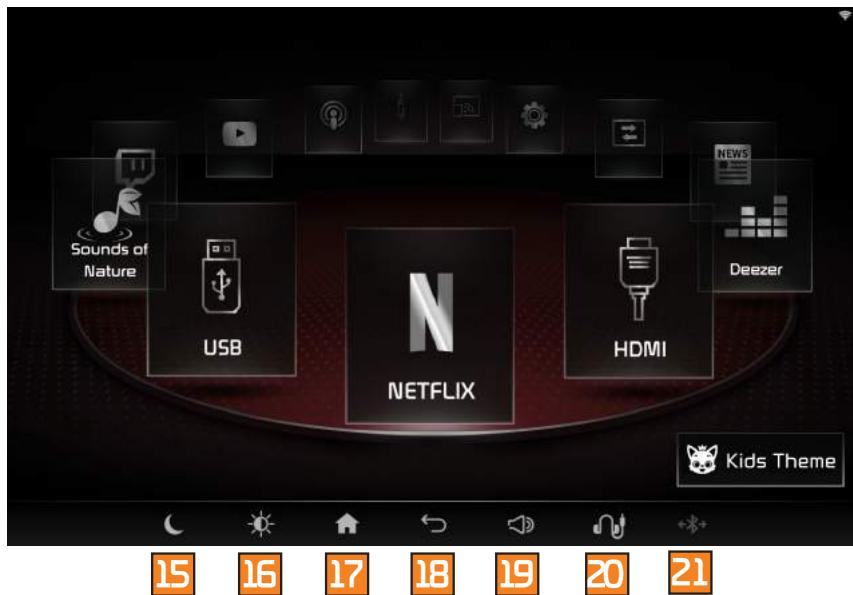


| Button    | Description            |
|-----------|------------------------|
| 1 USB     | Operates USB mode.     |
| 2 Netflix | Operates Netflix mode. |

|                     |                                 |
|---------------------|---------------------------------|
| 3 HDMI              | Operates HDMI mode.             |
| 4 Deezer            | Operates Deezer mode.           |
| 5 News Reader       | Operates News Reader mode.      |
| 6 Screen Sharing    | Operates Screen Sharing mode.   |
| 7 Settings          | Displays the Settings screen.   |
| 8 Mirroring         | Operates Mirroring mode         |
| 9 AV-In             | Operates AV-In mode.            |
| 10 Podcast          | Operates Podcast mode.          |
| 11 YouTube          | Operates YouTube mode.          |
| 12 Twitch           | Operates Twitch mode.           |
| 13 Sounds of Nature | Operates Sounds of Nature mode. |
| 14 Kids Theme       | Operates Kids Theme mode.       |

# Using the System for the First Time

## Home Screen



| Button | Description  |
|--------|--|
| 15     | Turns display off.   |
| 16     | Adjusts brightness.  |
| 17     | Adjusts the display mode.  |
| 18     | Displays the Home screen.  |
| 19     | • Moves to the previous screen.<br>• Hides keyboard.<br>(when keyboard is displayed) |
| 20     | Adjusts volume.  |
| 21     | • Sets the speaker mode.<br>• The speaker icon changes for each speaker mode.        |
| 21     | Bluetooth Audio Sync - Syncs the audio and video upon Bluetooth connection.          |

# Kids Theme

Press  → Press **Kids Theme** .



## Note

- If the system is turned off and on with Kids Theme applied, the system starts with Kids Theme.

# Kids Theme

## Basic Screen



| Name and Icon              | Details                                      |
|----------------------------|--|
| 1 Baby Shark Songs & Games | Goes to the Baby Shark Songs & Games screen. |
| 2 USB kids                 | Goes to the USB kids screen.                 |
| 3 YouTube Kids             | Goes to the YouTube Kids screen.             |
| 4 Default Theme            | Returns to the default theme.                |

## Note

- In Kids Theme, the Pingfong contents and USB, YouTube Kids feature are only available.

## Baby Shark Songs & Games Screen

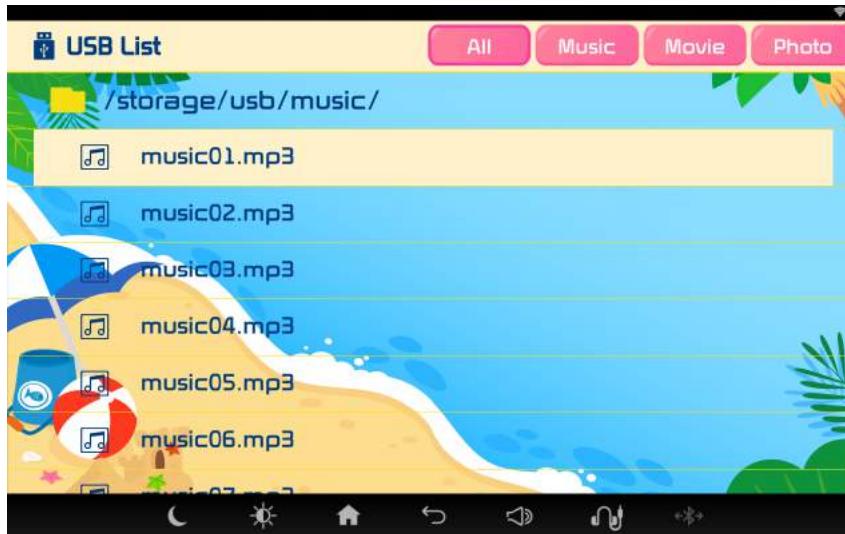


| Name and Icon | Details                                  |
|---------------|--|
| 1             | Goes to Kids Theme home screen.          |
| 2             | Choose the language.                     |
| 3             | Goes to Baby Shark Songs & Games screen. |

### Note

- Slide left or right to select the content you want to see.

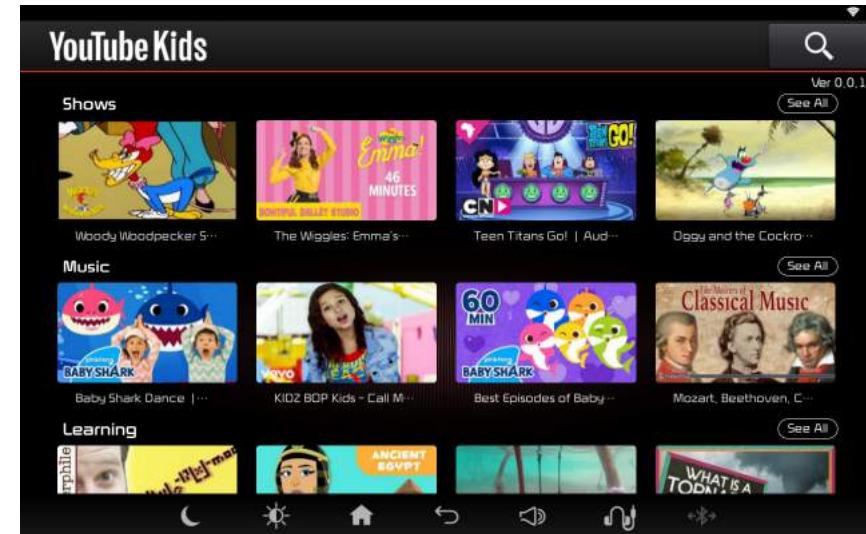
## USB kids Screen



### Note

- For details about USB, refer to page 28.

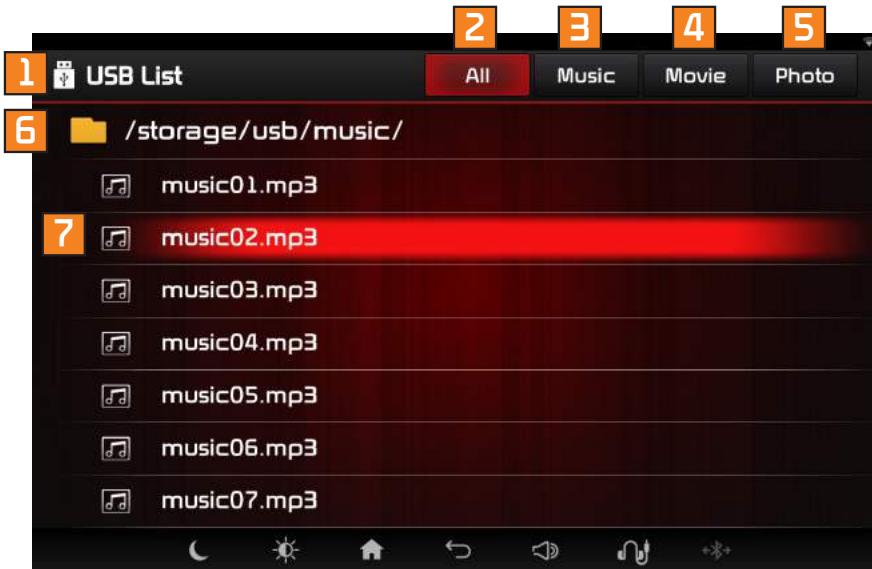
## YouTube Kids Screen



### Note

- For details about YouTube, refer to page 63.

## USB List Screen



| Name and Icon    | Details   |
|------------------|---|
| 1 Mode           | Displays current mode.  |
| 2 All            | Displays all folders and music/ movie/photo files.              |
| 3 Music          | Displays folders and music files.                               |
| 4 Movie          | Displays folders and movie files.                               |
| 5 Photo          | Displays folders and image files.                               |
| 6 Directory Name | Current list directory.<br>Touch to move to previous directory. |
| 7 Current Song   | Displays current song name.                                     |

## Playing USB Music

Press the **Home** button → Press **USB** → Press **Music** → Select the desired file.





Press the **▶** button to play.

Press the **||** button to pause.

## Playing the Previous/Next File

While playing → Press the **◀** **▶** button to play the previous/next file.

After 3 seconds of playing, pressing **◀** will play the current file from the beginning.

## Fast-forwarding/Rewinding

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

## Shuffle

Press the **Shuffle** button.

Each time the button is pressed, the option is changed from Shuffle On (  ) → to Shuffle Off.

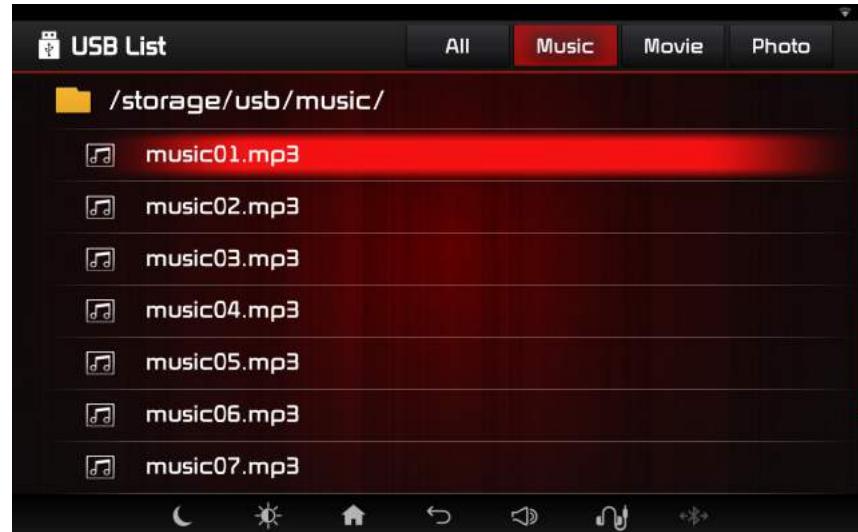
## Repeat

Press the **Repeat** button.

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

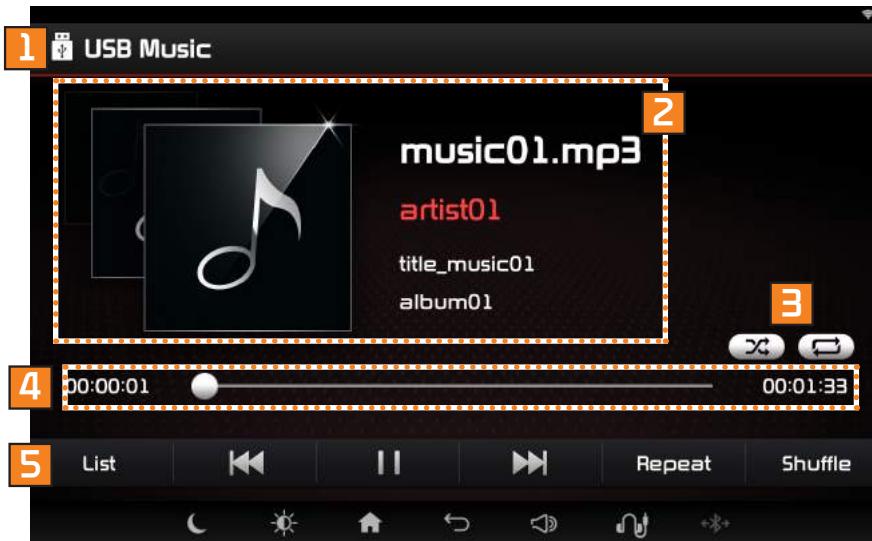
## List

Press the **List** button to display the USB Music list screen.



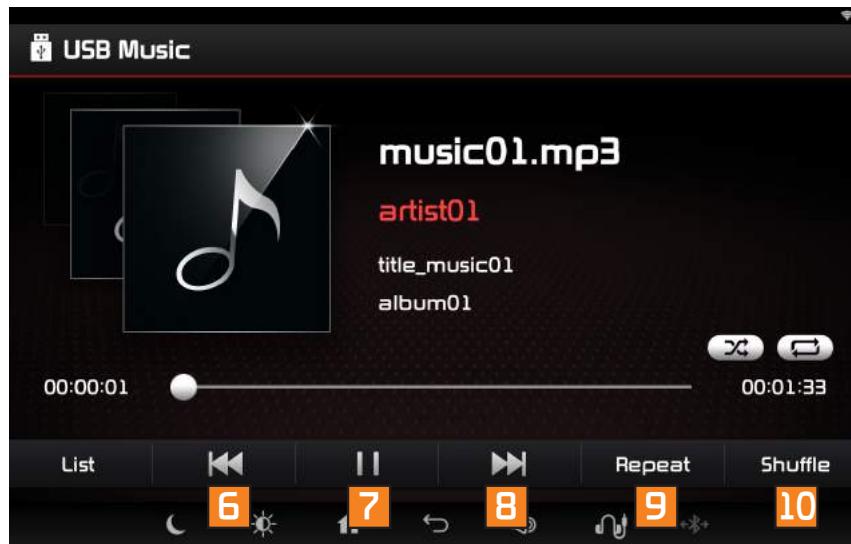
Press the directory name to move to the higher directory.

## Basic Screen



| Name and Icon        | Details  |
|----------------------|--|
| 1 Mode               | Displays current mode.   |
| 2 File Info          | <ul style="list-style-type: none"> <li>Displays file name/title/artist/album info of the current file.</li> <li>Clicks the album to display the list of album arts.</li> </ul> |
| 3 Play Mode          | Displays current play mode feature.  |
| 4 Play Time/Play Bar | <ul style="list-style-type: none"> <li>Displays the current play time.</li> <li>Drag/touch the playback bar to move to the desired position and play.</li> </ul>               |
| 5 List               | Moves to the list screen.  |

## Basic Screen

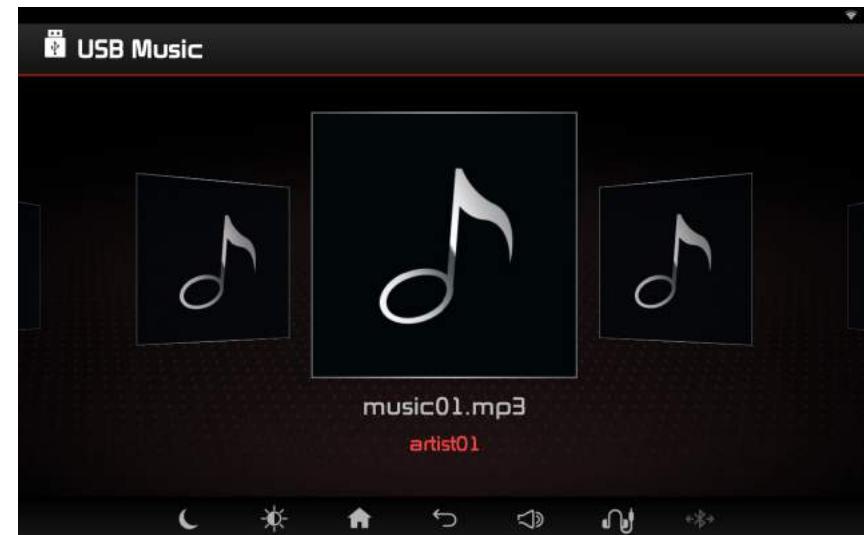
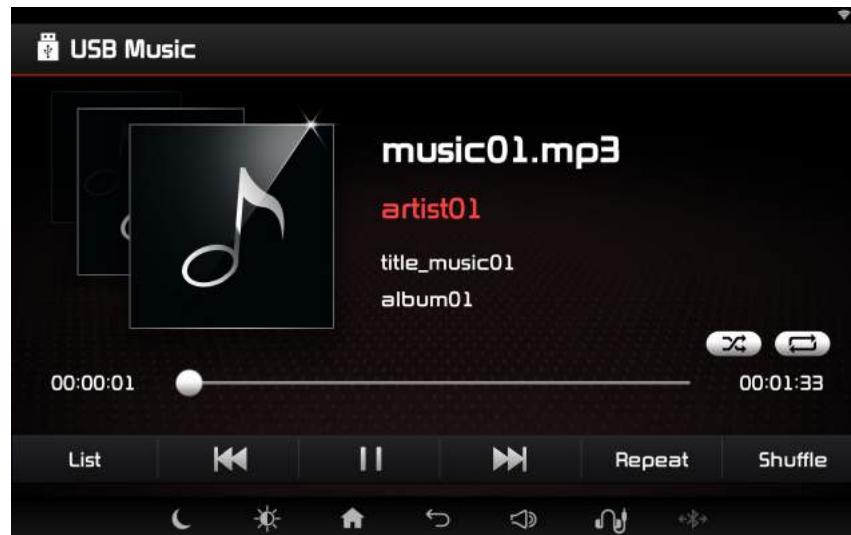


| Name and Icon   | Details  |
|-----------------|--|
| 6 Previous File | <ul style="list-style-type: none"> <li>When play time is under 3 seconds :<br/>Moves to the previous file.</li> <li>When play time is over 3 seconds :<br/>Plays the current file from the beginning.</li> </ul> |
| 7 Play/ Pause   | Plays/pauses the current file.   |
| 8 Next File     | Moves to the next file.  |
| 9 Repeat        | Repeats the current file or all files in the folder.   |
| 10 Shuffle      | Plays files in random order.   |

## Album Screen

Selects the album art.

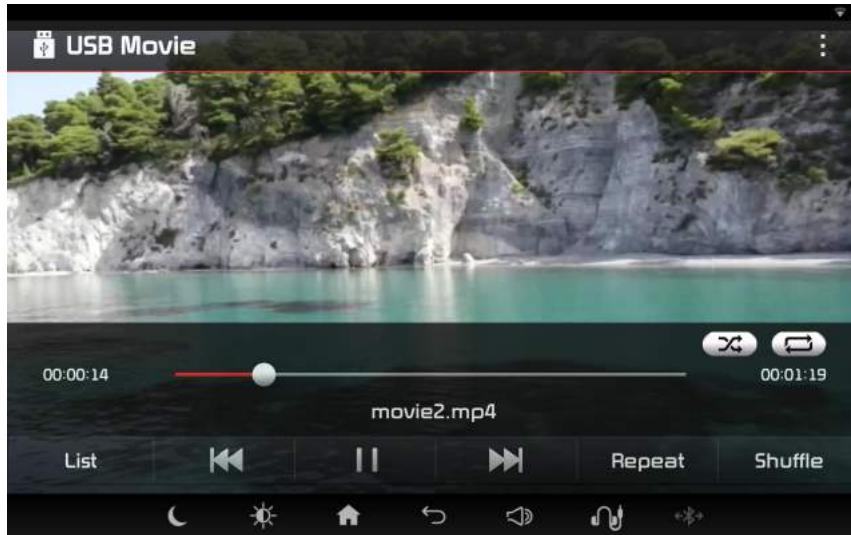
Moves left/right to select the album you want to listen to.



## Playing USB Movie

Press the **Home** button → Press **USB** → Press **Movie** → Press the desired file.





Press the **▶** button to play.

Press the **||** button to pause.

## Displaying Control Panel

Touch anywhere in the play screen to display control panel.

The control panel will disappear if operations are not made for 5 seconds while the control panel is showing.

## Playing the Previous/Next File

While playing → Press the **◀** **▶** button to play the previous/next file

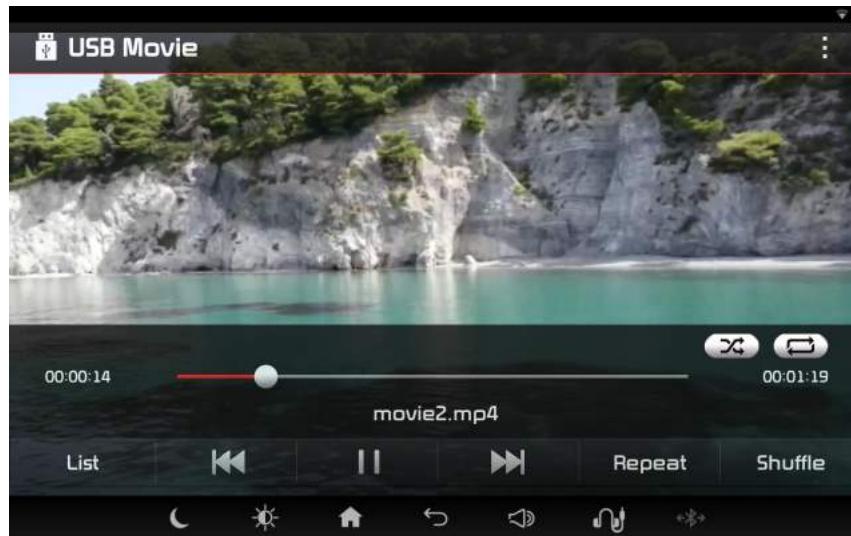
When playtime is less than 3 seconds, pressing **◀** will play the current file from the beginning.

## Fast-forwarding/Rewinding

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

## Subtitles

Press the **:** button → Press **Subtitles** to set the subtitle language.  
Select the desired option.



## Note

- If subtitles do not exist, then the Subtitles button will be disabled.

## Voice

Press the **:** button → Press **Voice** to set the voice language. Select the desired option.



## Note

- If Voice files do not exist, then the Voice button will be disabled.

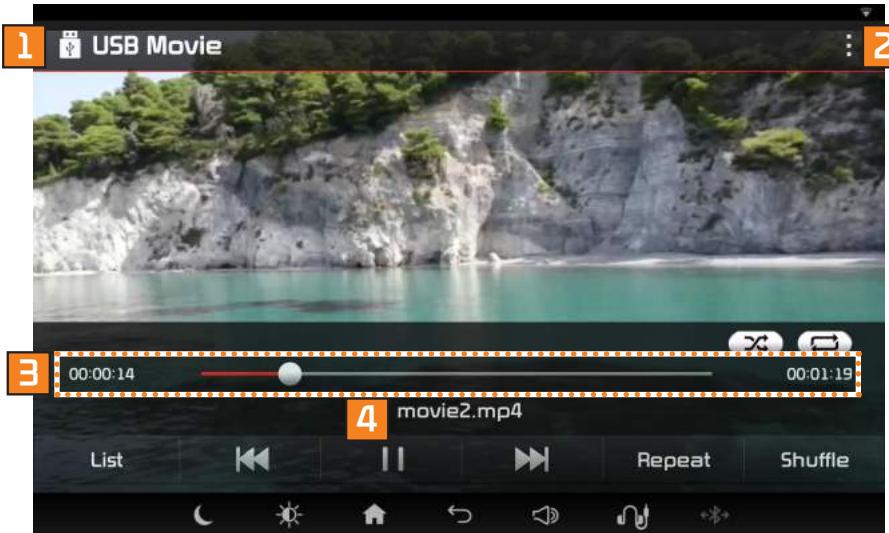
## List

Press the **List** button to display the USB Movie list screen.



Press the directory name to move to the parent directory.

## Basic Screen

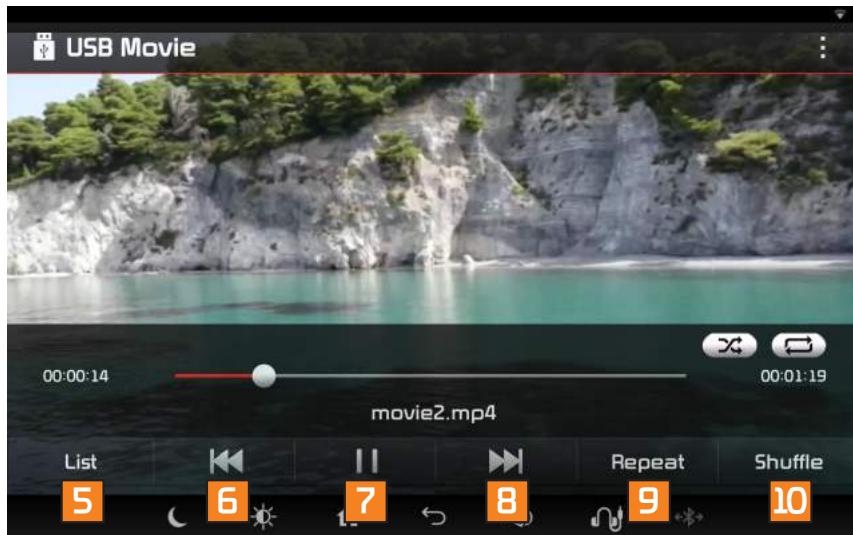


| Name and Icon        | Details   |
|----------------------|---|
| 1 Mode               | Displays current mode.  |
| 2 Menu               | Displays the USB Movie settings menu.   |
| 3 Play Time/Play Bar | <ul style="list-style-type: none"><li>Displays the current play time.</li><li>Drag/touch the playback bar to move to the desired position and play.</li></ul> |
| 4 File Info          | Displays currently file name.   |

## Note

- The 2 Menu feature is available only when a video file supports subtitles or voice features.

## Basic Screen

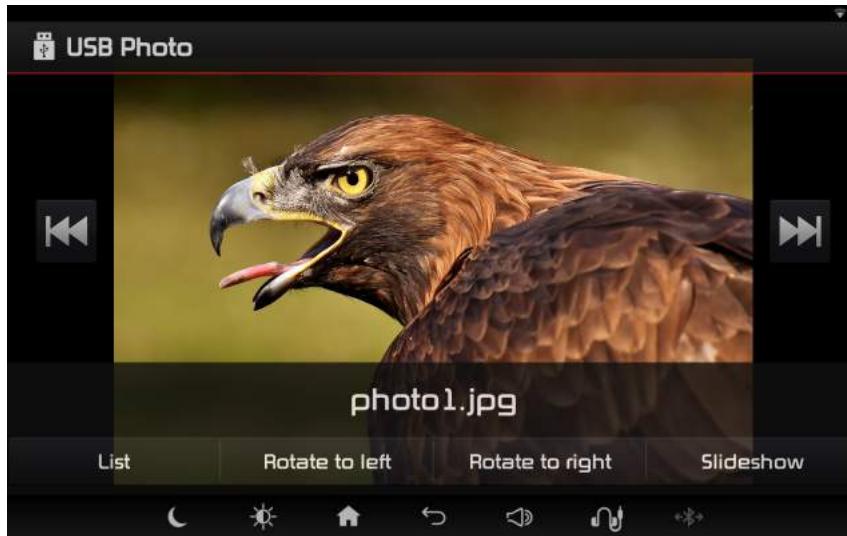


| Name and Icon   | Details  |
|-----------------|--|
| 5 List          | Moves to the list screen.  |
| 6 Previous File | <ul style="list-style-type: none"> <li>When play time is under 3 seconds :<br/>Moves to the previous file.</li> <li>When play time is over 3 seconds :<br/>Plays the current file from the beginning.</li> </ul> |
| 7 Play/ Pause   | Plays/pauses the current file.   |
| 8 Next File     | Moves to the next file.  |
| 9 Repeat        | Repeats the current file or all files in the folder.   |
| 10 Shuffle      | Plays files in random order.   |

## Playing USB Photo

Press the **Home** button → Press **USB** → Press **Photo** → Press the desired file.





## Displaying Control Panel

Touch anywhere in the play screen to display control panel.

The control panel will disappear if operations are not made for 5 seconds while the control panel is showing.

## Playing the Previous/Next File

Press the **◀** **▶** button to play the previous/next file.

## Rotate

Press the **Rotate to left** or **Rotate to right** button.

Each time the button is pressed, the image is rotated by  $0^\circ \rightarrow 90^\circ \rightarrow 180^\circ \rightarrow 270^\circ$  degrees.

## Slideshow

Press the **Slideshow** button to images as a slideshow that slides in 5 second intervals.

Touch anywhere to stop the slideshow.

## Zoom In/Out

In the play screen, pinch using two fingers to zoom in or out.



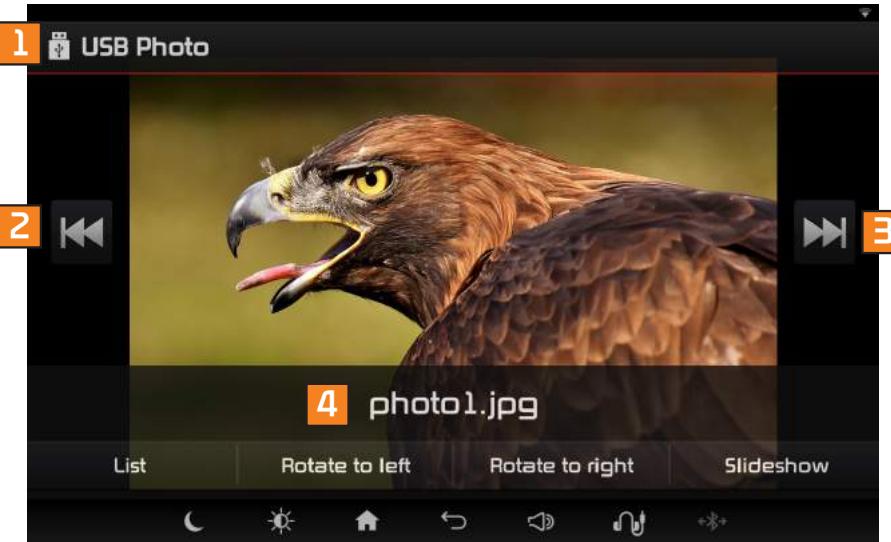
## List

Press the **List** button to display the USB Photo list screen.



Press the directory name to move to the higher directory.

## Basic Screen



| Name and Icon   | Details                     |
|-----------------|-----------------------------|
| 1 Mode          | Displays current mode.      |
| 2 Previous File | Moves to the previous file. |
| 3 Next File     | Displays current file name. |
| 4 File Info     | Displays current file name. |

## Basic Screen



| Name and Icon     | Details   |
|-------------------|---|
| 5 List            | Moves to the list screen.                             |
| 6 Rotate to left  | Rotates image in counter-clockwise direction.         |
| 7 Rotate to right | Rotates image in clockwise direction.                 |
| 8 Slideshow       | Displays images in a slideshow in 5 second intervals. |

## Playing an External Source

AV-In or HDMI mode can be used when an external device player is connected and operating.

Use an AV or HDMI cable to connect the external device.

Press the **AV-In** or **HDMI** button to play the auxiliary device.



## Adjusting Video

In AV-In mode, press the **:** button → Adjust the Brightness, Contrast, and Hue to the desired levels → Press **Confirm** .



### Note

- The Video Adjust feature is not supported when using HDMI.

# Sounds of Nature

## Playing the Sounds of Nature.

Press the  button → Press **Sounds of Nature** → Selects the sound you want to listen to.



# Sounds of nature

## Basic Screen



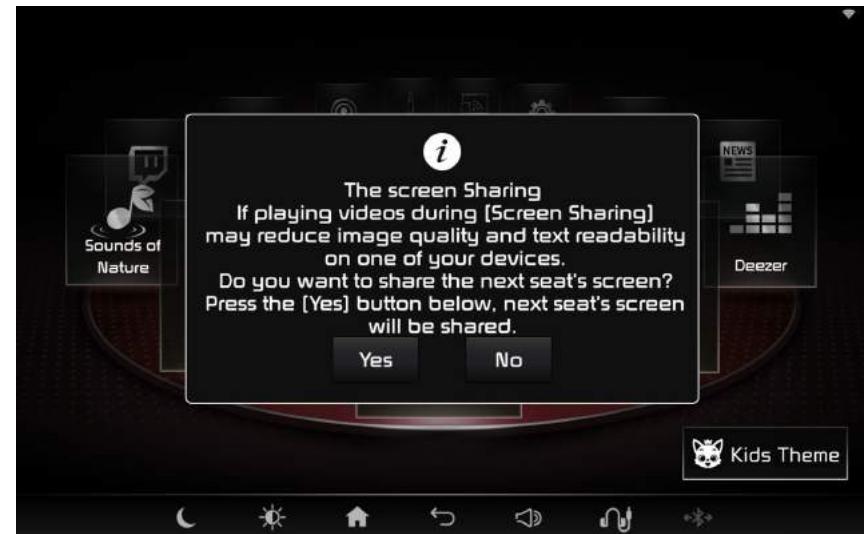
| Name and Icon   | Details   |
|-----------------|---|
| 1 Mode          | Displays current mode.  |
| 2 Play Screen   | Displays the file name/photo information for the current music. |
| 3 Play Bar      | Displays the current play location.                             |
| 4 List          | Moves to the list screen.                                       |
| 5 Previous File | Moves to the previous file.                                     |
| 6 Play/ Pause   | Plays/pauses the current file.                                  |
| 7 Next File     | Moves to the next file.   |

# Screen Sharing

## Using the Screen Sharing feature

Press  → Press **Screen Sharing**.

When Screen Sharing is turned on, the screen currently displayed on the next seat screen is shared, and the media can be controlled on both seat.



### Note

- Voice is not shared when Bluetooth audio is output.

# Screen Sharing

## If Screen Sharing Failed

If the screen sharing failed, go to the home screen and retry Screen Sharing.



### Note

- When sharing the screen, the sound icon at the bottom of the screen must be changed to an ear jack for normal voice output.

## Turning Off Screen Sharing

To stop Screen Sharing, go to the Home screen and press the Screen Sharing button.



# Deezer, News Reder / podcasts and more

## Before Starting Deezer / News Reder / Podcast, Youtube / Twitch / Netflix / YouTube Kids

Deezer / News Reder / Podcast / Youtube / Twitch / Netflix / YouTube kids modes will be disabled when Wi-Fi is disconnected.

To use YouTube, first connect a Wi-Fi network.

### Note

- Internet is based on Chromium, an open source software available for use through a BSD license. To learn more, go to <http://src.chromium.org/viewvc/chrome/trunk/src/LICENSE>

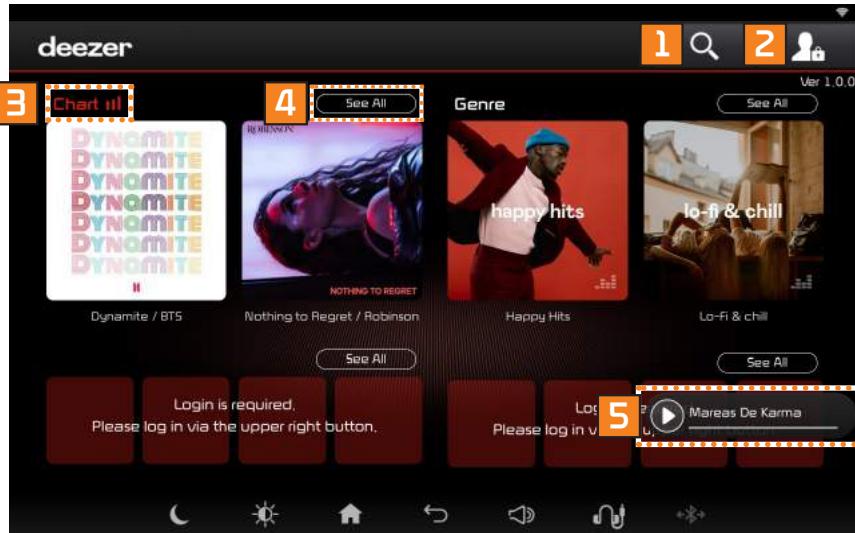
Press the  button → Press **Settings** → Press **Network** .



For subsequent operations, refer to the “Network” section.

## Starting Deezer

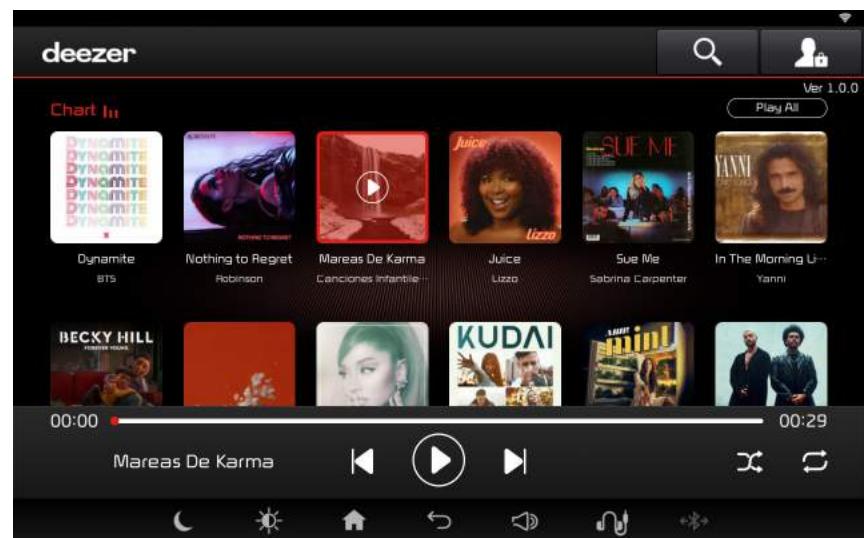
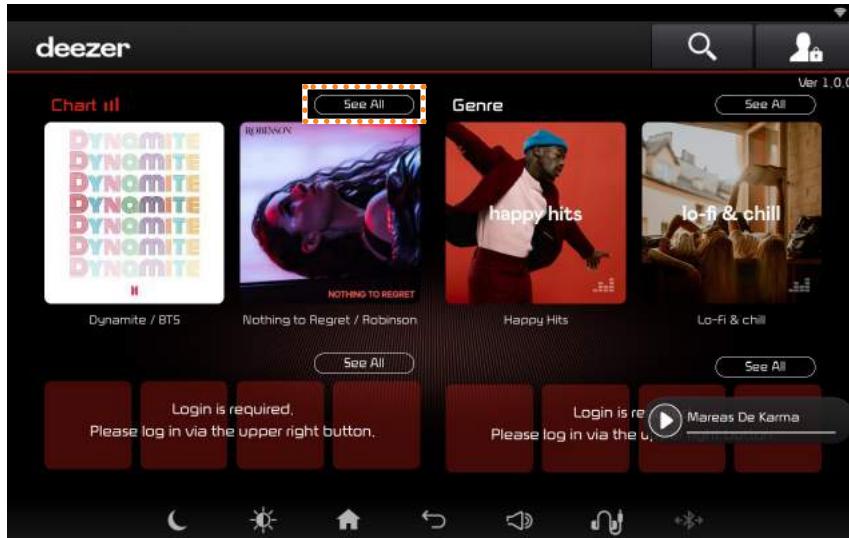
1 Select → 2 Select.



| Button           | Description                             |
|------------------|---|
| 1 Search         | Searches for cast you want to listen to |
| 2 Login / Logout | Displays the login screen               |
| 3 Category       | Category name for each category         |
| 4 View Category  | Goes to the corresponding category      |
| 5 Mini Player    | Displays the currently playing music    |

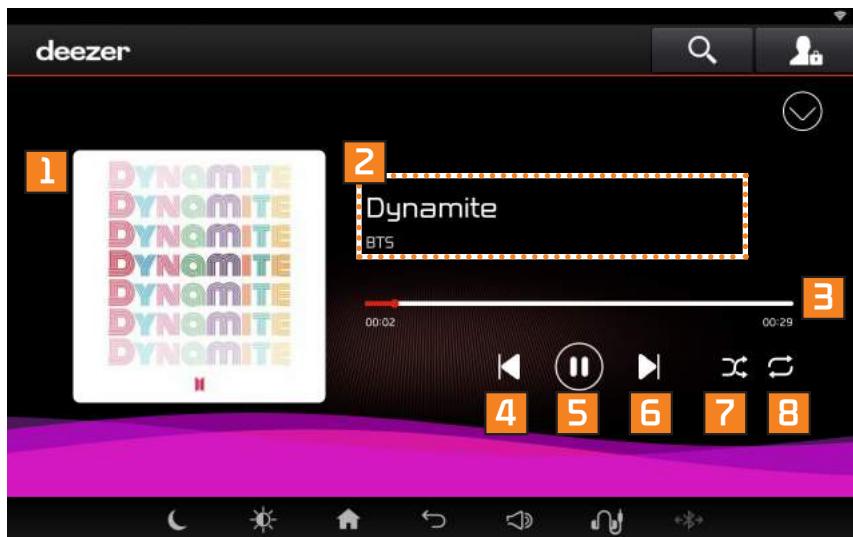
# Category

**See All** Select → Select the video you want to listen to.



**See All** Press the button to select the music you want to listen to.

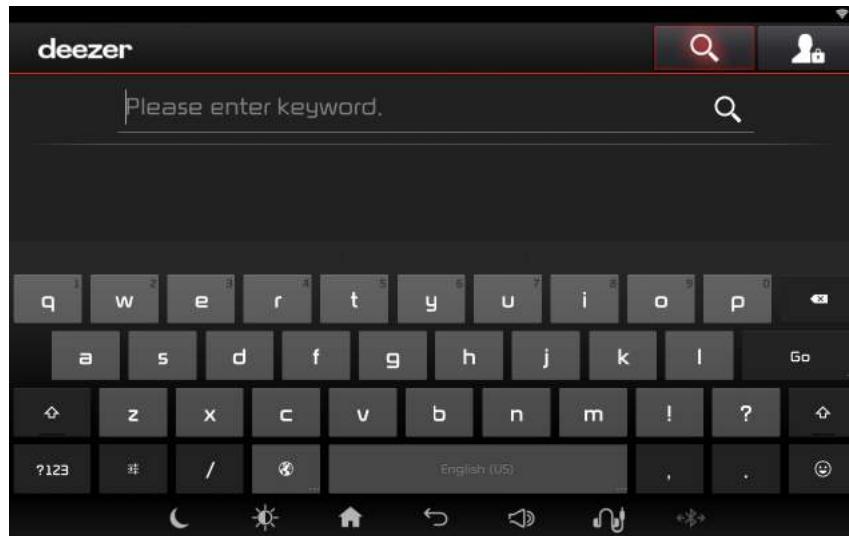
## Play screen



| Button                 | Description                                    |
|------------------------|--|
| 1 album art            | Show which album art is playing                |
| 2 Playback information | Show active information                        |
| 3 Playtime / Play bar  | Displays current play time and total play time |
| 4 Previous             | Move to previous music                         |
| 5 Play / Pause         | Show music playing                             |
| 6 Next                 | Move to next music                             |
| 7 Random               | Random play regardless of play order           |
| 8 Repetition           | Repeat playing music you are playing           |

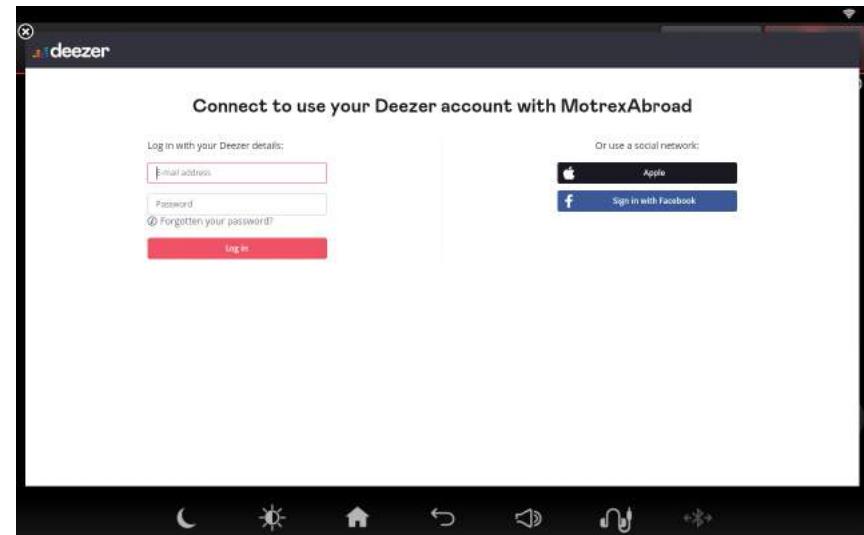
## Search

 Press the button to search for the desired videos.



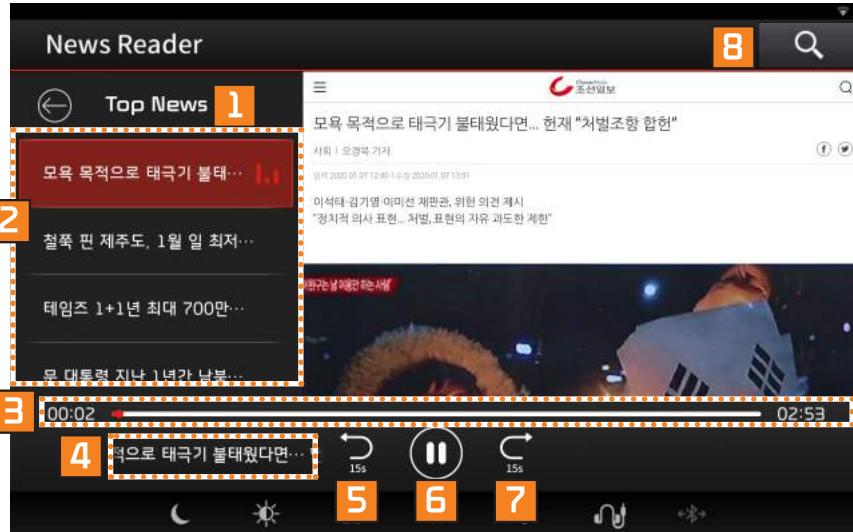
## Login/Logout

 Press the button to log in/out.



## Starting News Reder

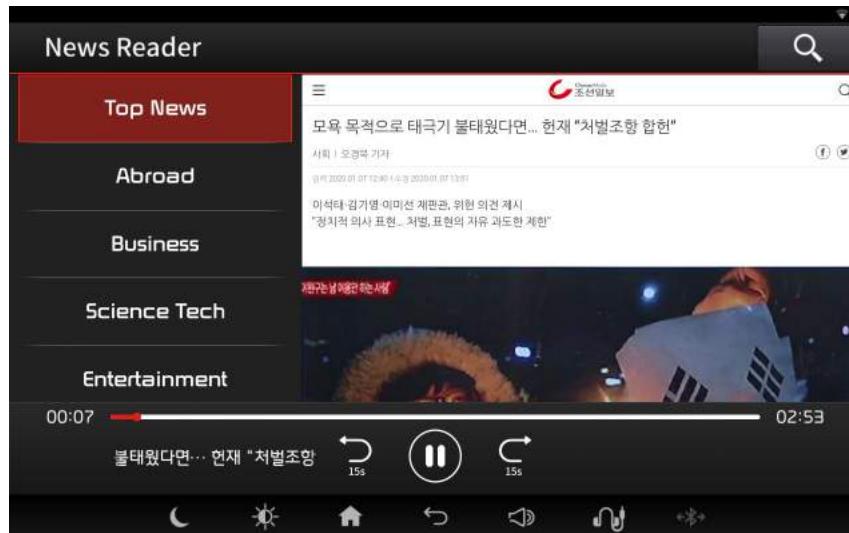
Home Select → News Reder Select.



| Button                        | Description  |
|-------------------------------|--|
| 1 Category                    | Category list for each category                        |
| 2 News Name                   | News name for each category                            |
| 3 Playtime / regenerative bar | Displays the current play time and the total play time |
| 4 News Name                   | Displays the currently played news                     |
| 5 Previous                    | Moves to 15 seconds ago                                |
| 6 Play / Pause                | Plays or pauses the current file                       |
| 7 Next                        | Moves to 15 seconds later                              |
| 8 Search                      | Search for the desired news                            |

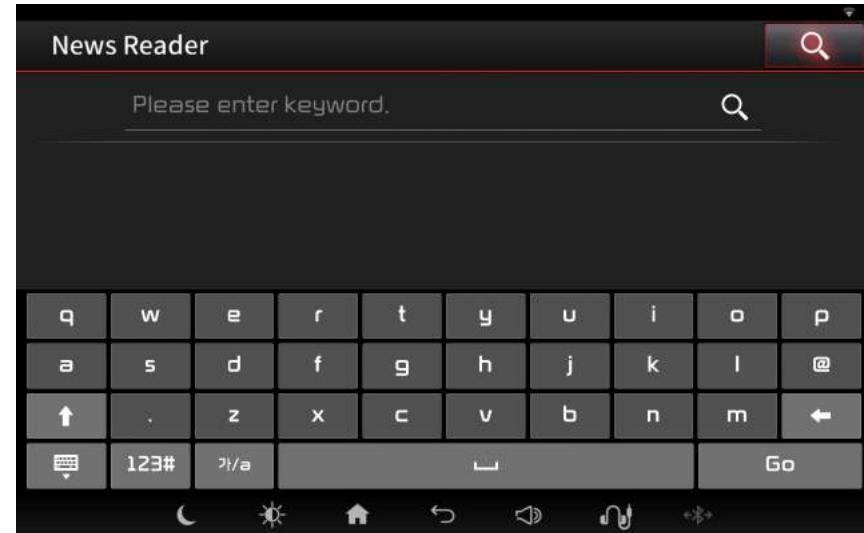
## Category

Select  → Select the desired category.  
General, International, Economy, Science/  
Technology, Entertainment, Sports, Health



## Search

Press the  button to search for the desired news.



# Podcast

## Get started with Podcast

Home Select → Podcast Select.

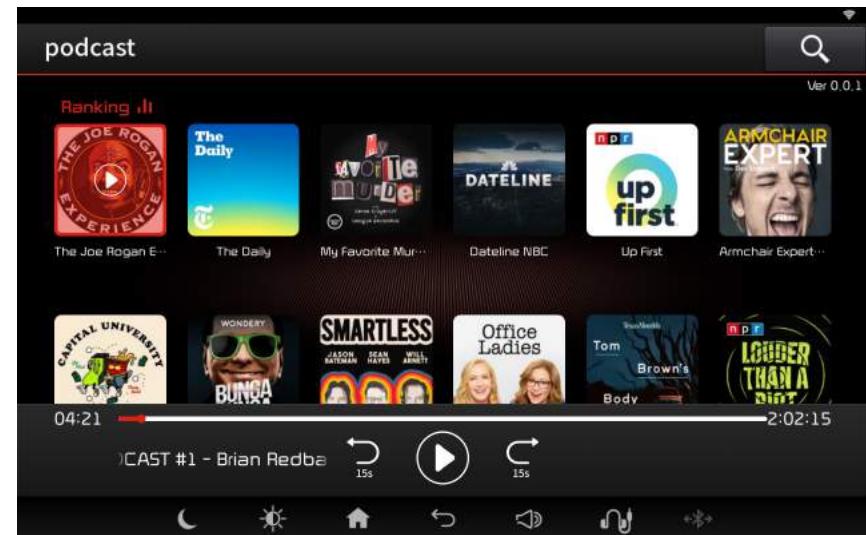
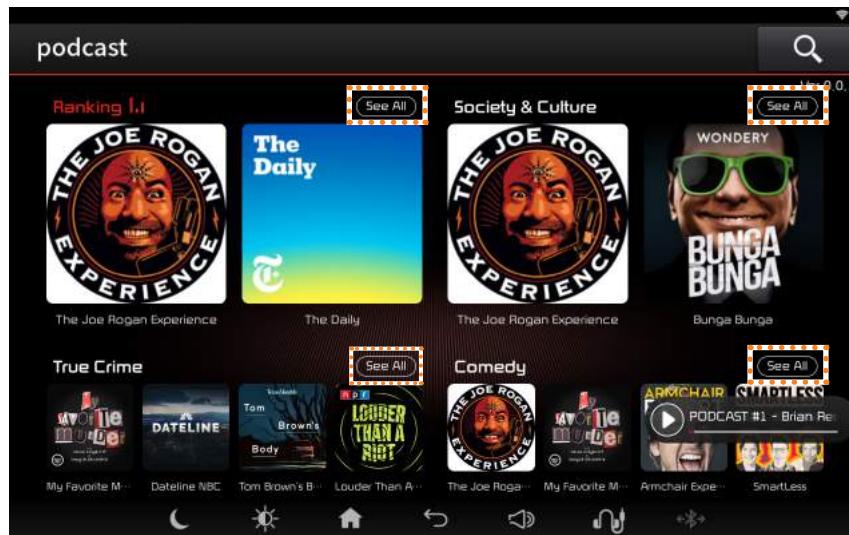


| Button          | Description                             |
|-----------------|---|
| 1 Search        | Searches for cast you want to listen to |
| 2 Category      | Category name for each category         |
| 3 View Category | Goes to the corresponding category      |
| 4 Mini Player   | Displays the currently playing music    |

# Podcast

## Category

**See All** Select → Select the content you want to listen to.  
Rankings, Society & Culture, True Crime, Comedy etc.



**See All** Press the button to select the music you want to listen to.

## Play screen

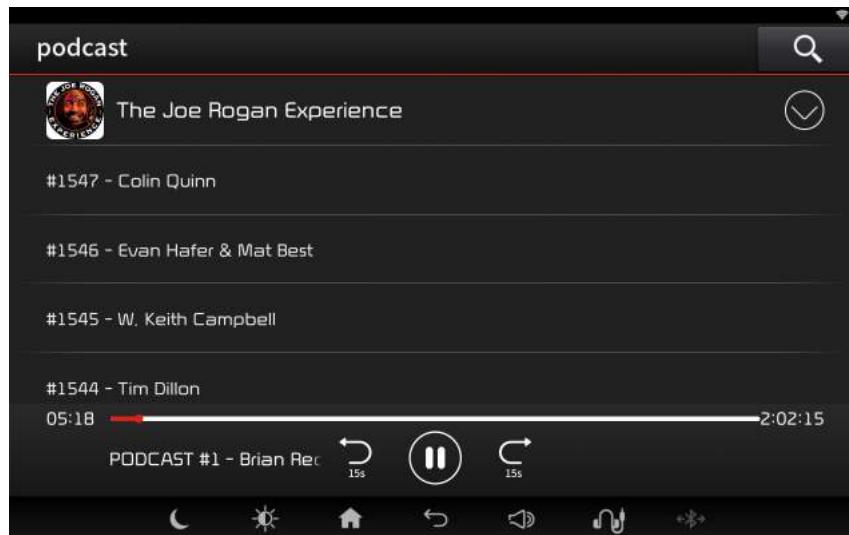


| Button                | Description                                    |
|-----------------------|--|
| 1 Cast Image          | Displays image for the currently playing cast  |
| 2 Cast Information    | Shows episodes for the currently playing cast  |
| 3 Playtime / Play bar | Displays current play time and total play time |
| 4 Previous            | Moves forward by 15 seconds                    |
| 5 Play / Pause        | Pauses or plays the current episode            |
| 6 Next                | Moves back by 15 seconds                       |
| 7 Close               | Hides the current playback screen              |

# Podcast

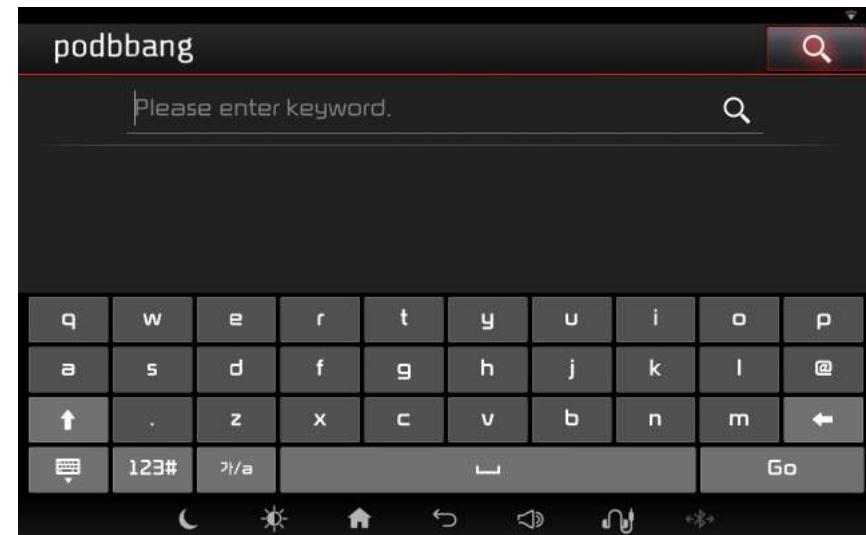
## Content list

Tap the content you want to hear to play the episode.



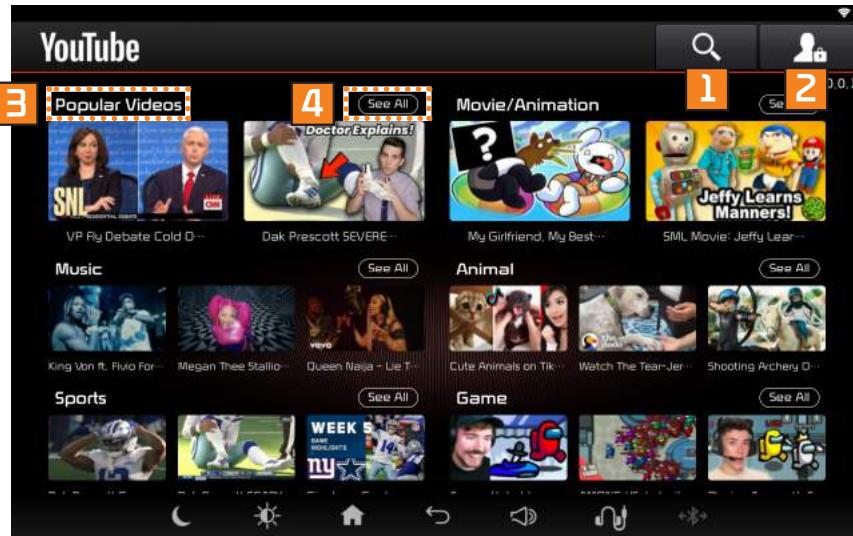
## Search

Press the button to search for the music you want to listen to.



## Starting YouTube

Home Select → YouTube Select.

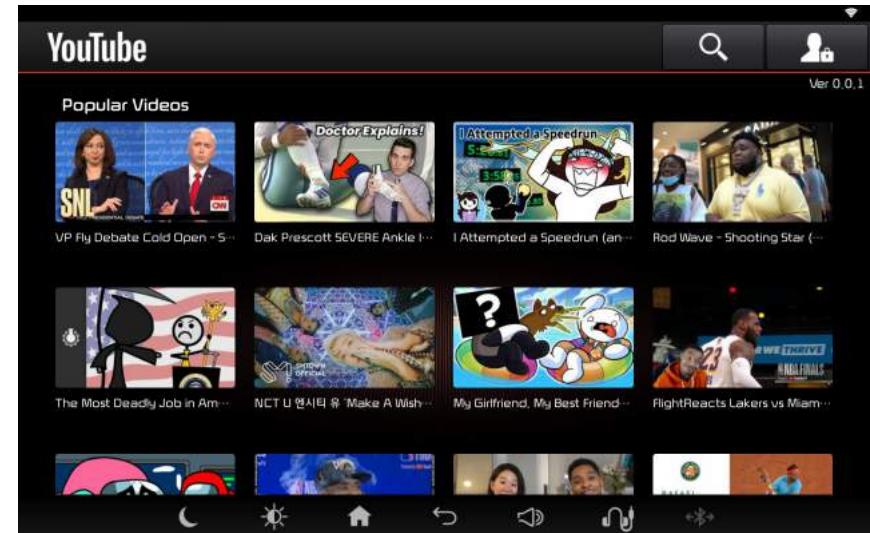
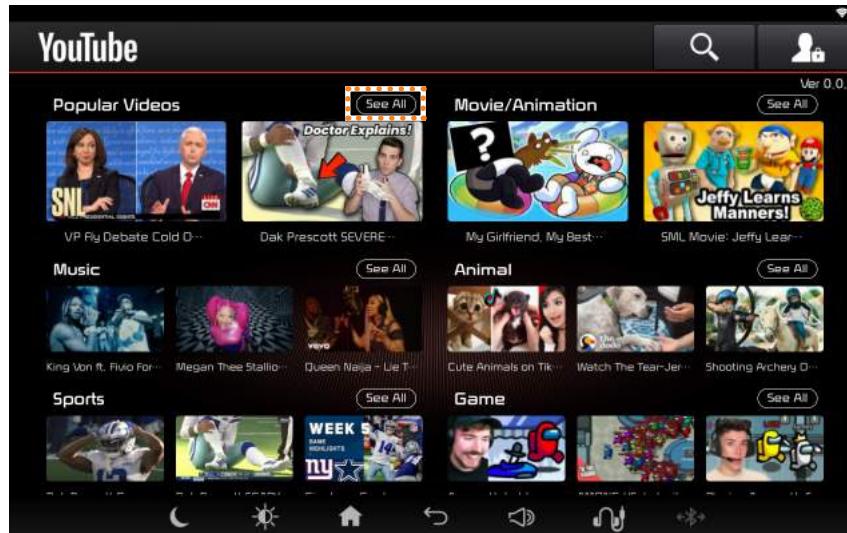


| Button                  | Description                        |
|-------------------------|------------------------------------|
| <b>1 Search</b>         | Searches for the desired videos    |
| <b>2 Login / Logout</b> | Displays the login screen          |
| <b>3 Category</b>       | Category name for each category    |
| <b>4 View Category</b>  | Goes to the corresponding category |

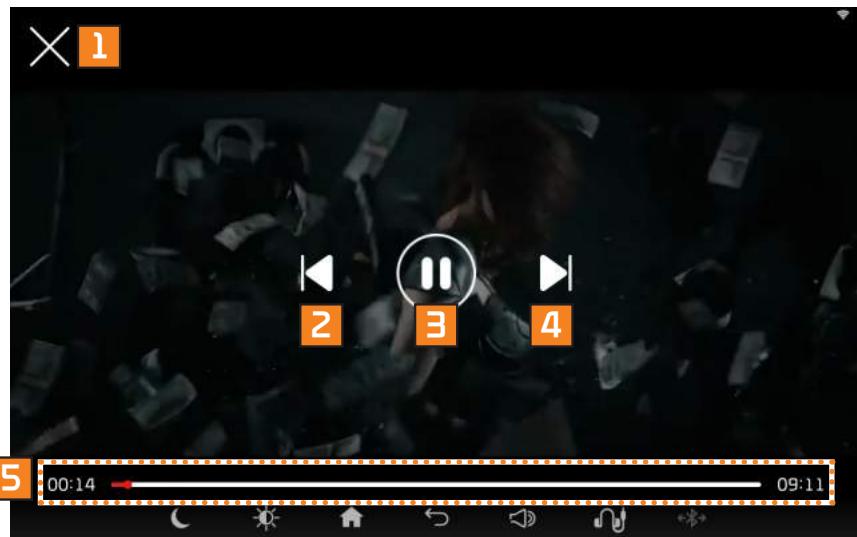
## Category

**See All** Select → Select the video you want to listen to.

Popular Videos, Movie/Animation, Music, Animal, Sports, Game, etc.



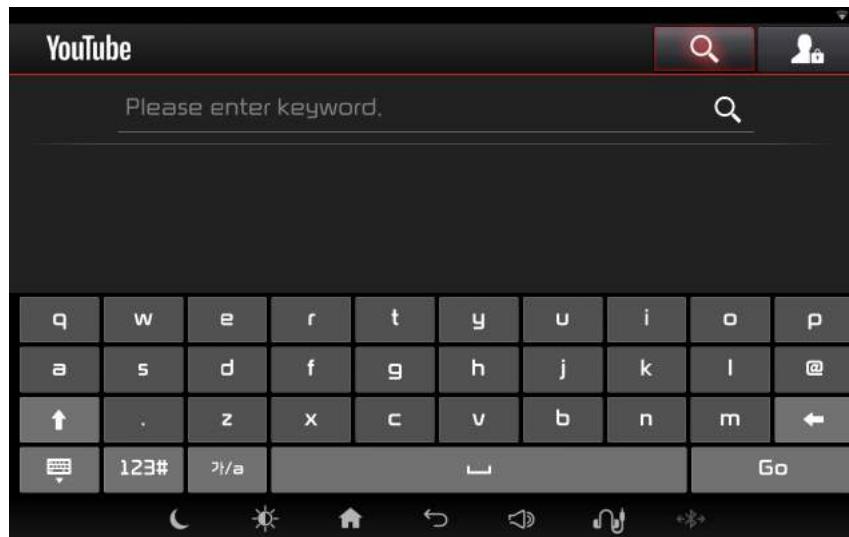
## Play screen



| Button                | Description                                    |
|-----------------------|--|
| 1 Close               | Moves to the previous screen                   |
| 2 Previous video      | Moves to the previous video.                   |
| 3 Play / Pause        | Pauses or plays current video                  |
| 4 Next video          | Moves to the next video                        |
| 5 Playtime / Play bar | Displays current play time and total play time |

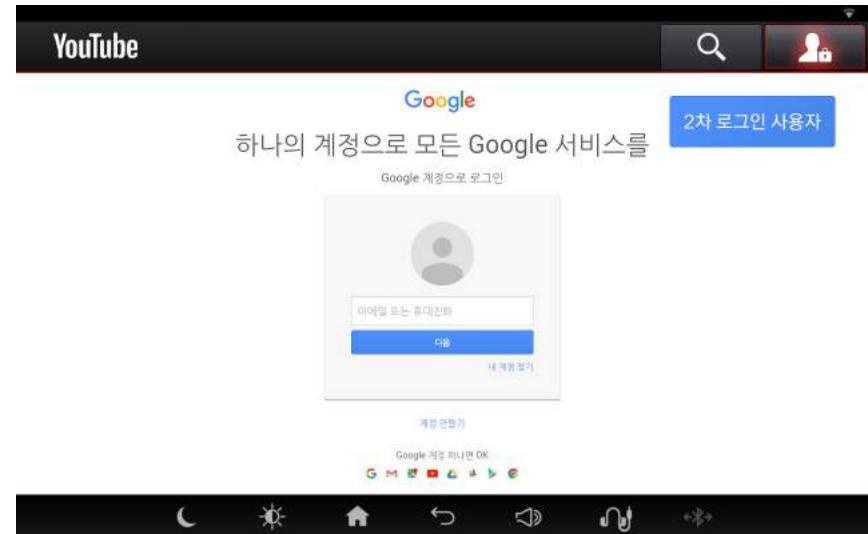
## Search

 Press the button to search for the desired videos.



## Login/Logout

 Press the button to log in/out.

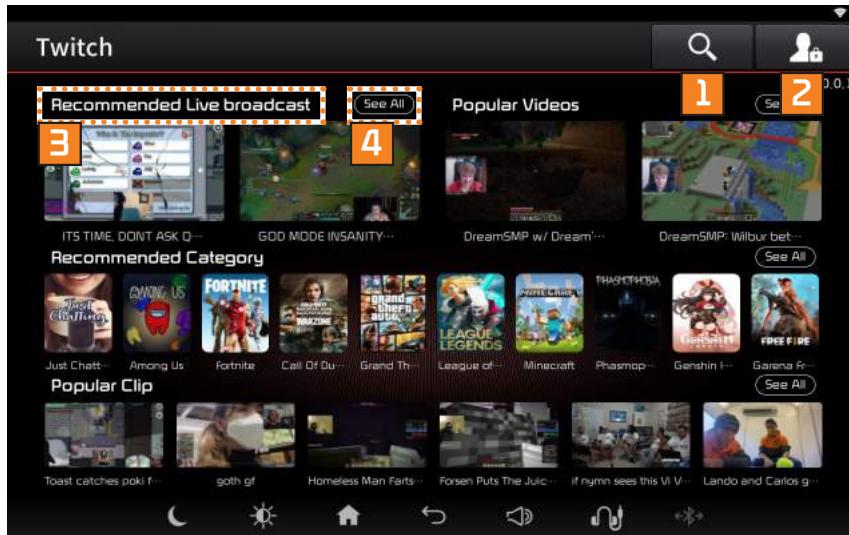


## Note

- When you log in, you will see a list of subscriptions and likes.

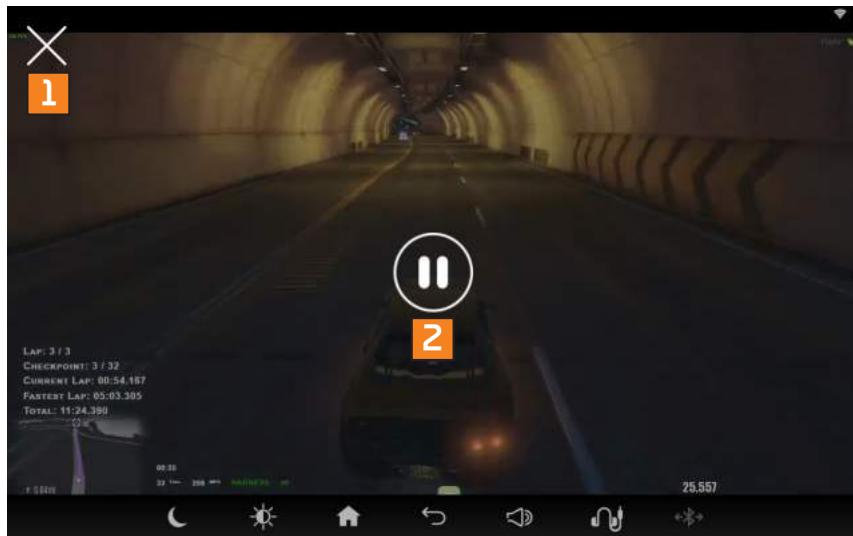
## Starting Twitch

Select → **Twitch** Select.



| Button           | Description                        |
|------------------|------------------------------------|
| 1 Search         | Searches for the desired videos    |
| 2 Login / Logout | Displays the login screen          |
| 3 Category       | Category name for each category    |
| 4 View Category  | Goes to the corresponding category |

## Play screen

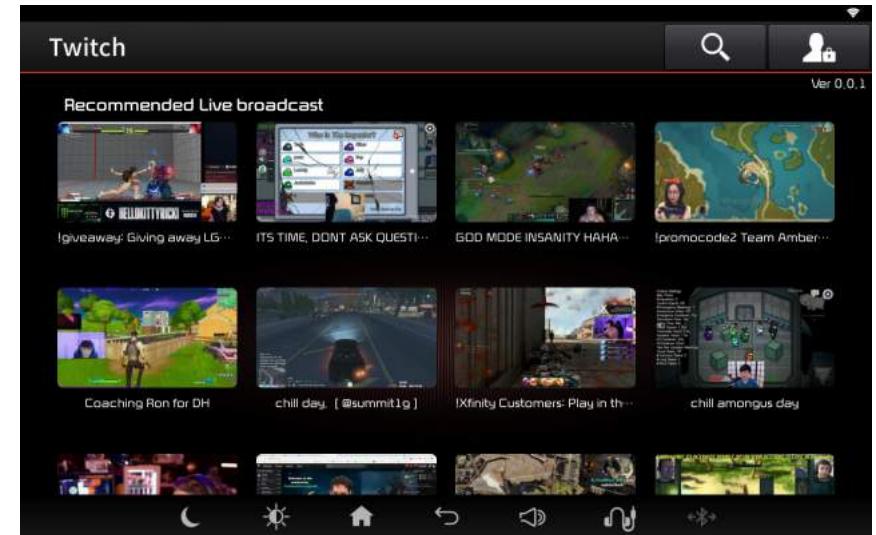
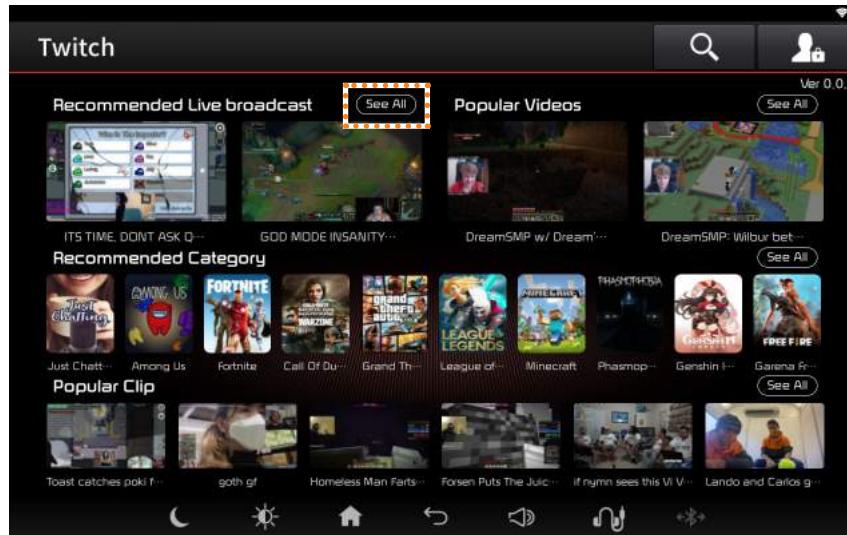


| Button         | Description                   |
|----------------|-------------------------------|
| 1 Close        | Moves to the previous screen  |
| 2 Play / Pause | Pauses or plays current video |

## Category

**See All** Select → Select the desired video.

Recommended Live broadcast, Popular Videos, Recommended Category, Popular Clip etc.

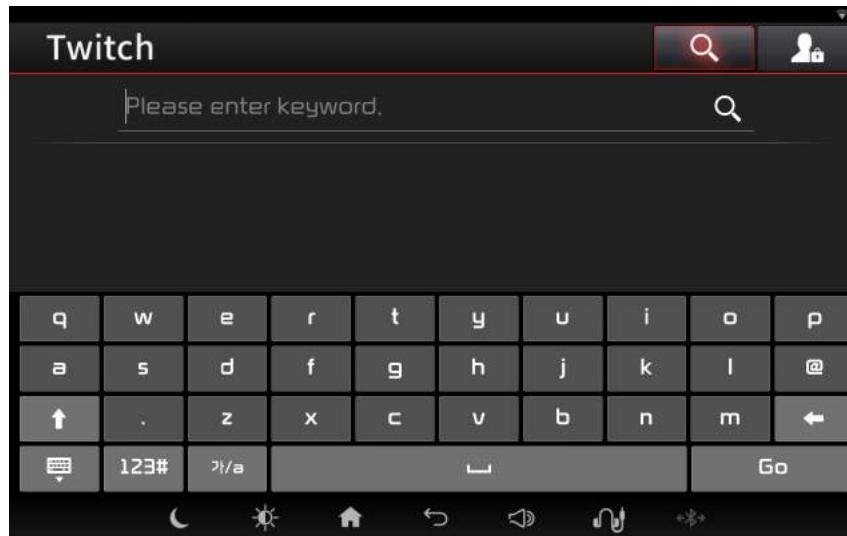


## Note

- Games you are following and My Channels can be seen only after logging in.

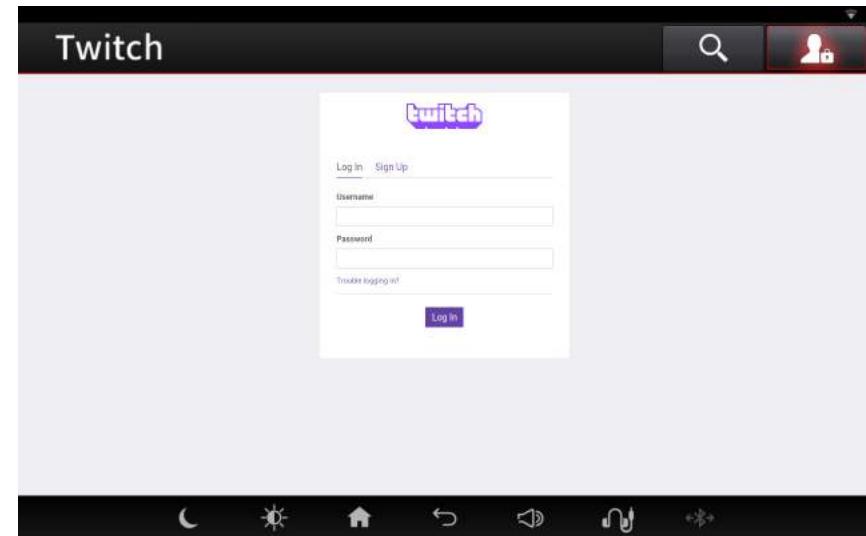
## Searches

 Press the button to search for the desired news.



## Login/Logout

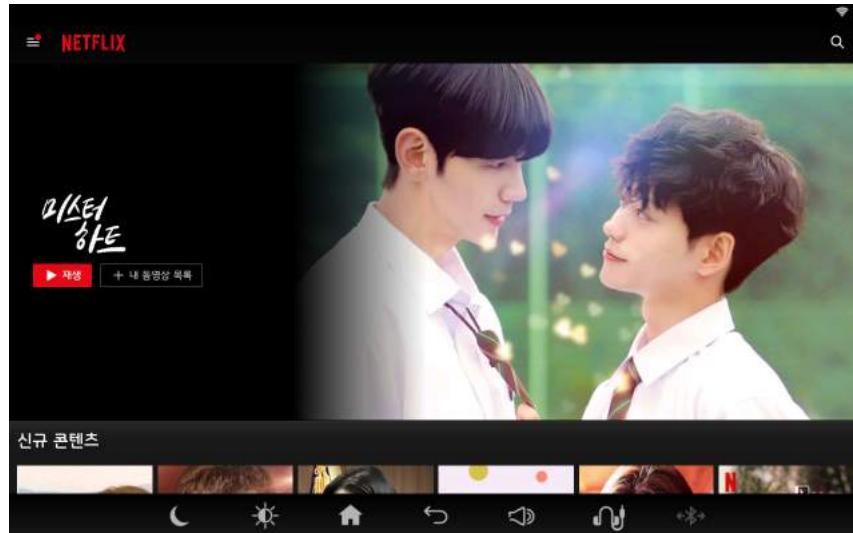
 Press the button to log in/out.



## Starting Netflix

Select → Netflix Select.

Select the content you want to view.



Download once for the first time once.  
If Download failed try again.



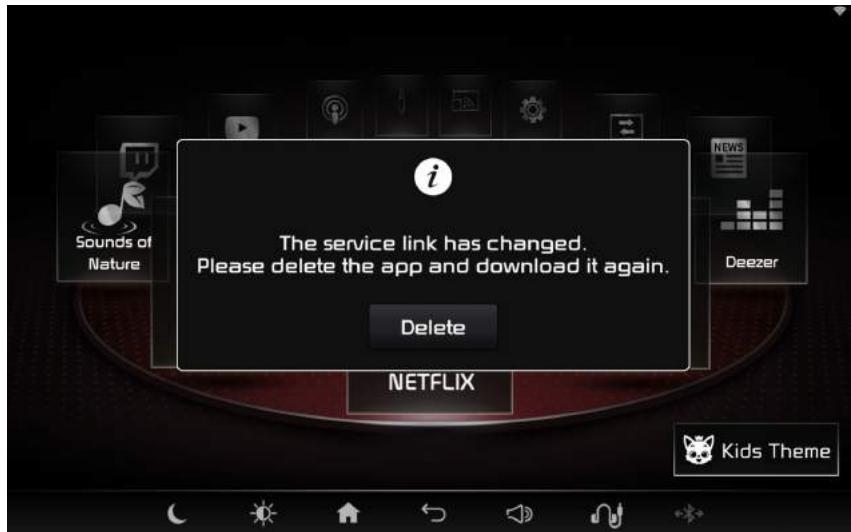
### Note

- Netflix is available after signing up for the membership.

## Netflix Update

The system automatically displays update pop-ups whenever a new version is released.

Please delete the app and download it again.



## Before Using Mirroring

- You can use the Screen mirroring feature to display your device screen on the system display without connecting a cable.
- To use the Mirroring feature, you must first turn on the Wi-Fi in your mobile device.
- The Mirroring feature is supported only in Android devices.
- To use the Mirroring feature, first turn off the WiFi connection in the system.

## Starting Mirroring

1. Press the  button → Press **Mirroring** .

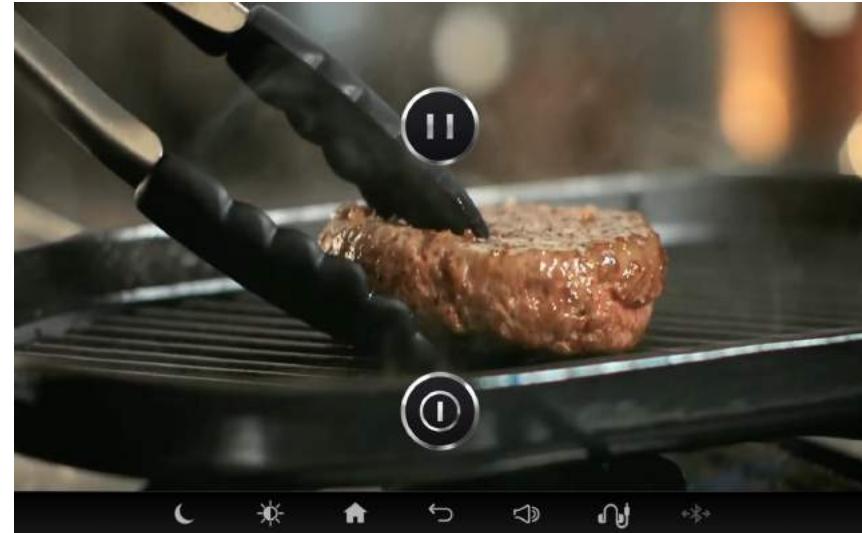


2. In your mobile device, turn on the Mirroring feature. Then find and select the system name.

## Note

- Setting up Mirroring may differ depending on your phone model. For more information, refer to your mobile device user's manual.
- The default system name is RSExxxxxxxxxx.

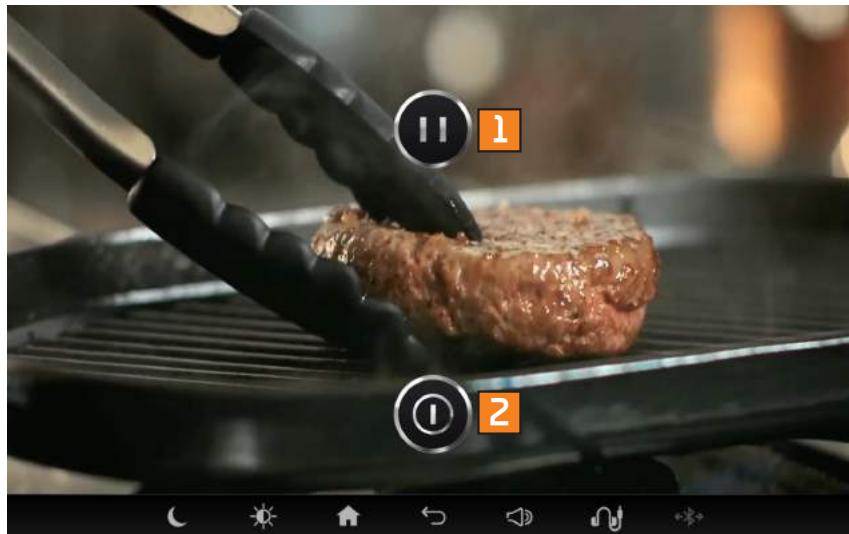
3. When your mobile device is connected, the mobile device screen is displayed on the system display.



4. You can use the mobile device features through your mobile device or the system screen.

## Using Mirroring Menu

To use the menu buttons while Mirroring is in use, quickly tap the top area of the Screen twice.



| Button | Description             |
|--------|-------------------------|
| 1      | Plays/pauses mirroring. |
| 2      | Stops mirroring.        |

## Starting mode

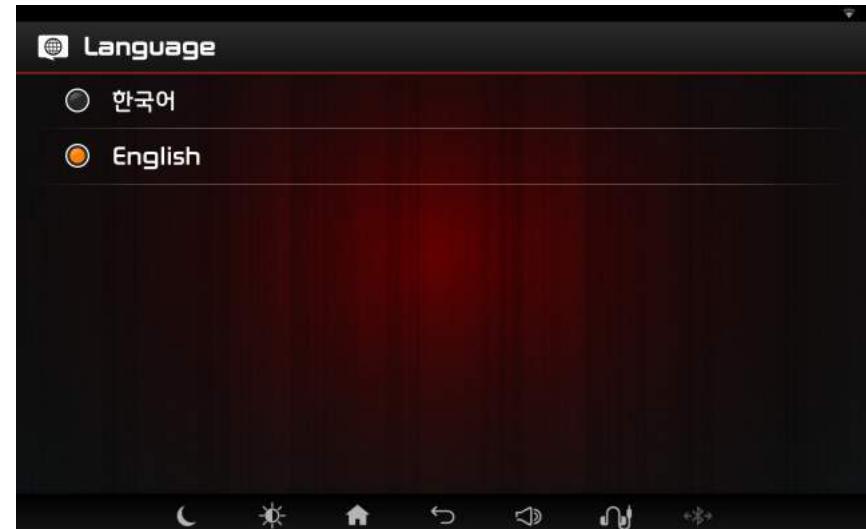
Press the  button → Press the **Settings** button to display the Settings screen.



## Language

This menu is used to set the system language.

In the Settings screen → Press the **Language** button → Press the desired language → Press **OK** .



## Bluetooth

This menu allow you to set Bluetooth settings.

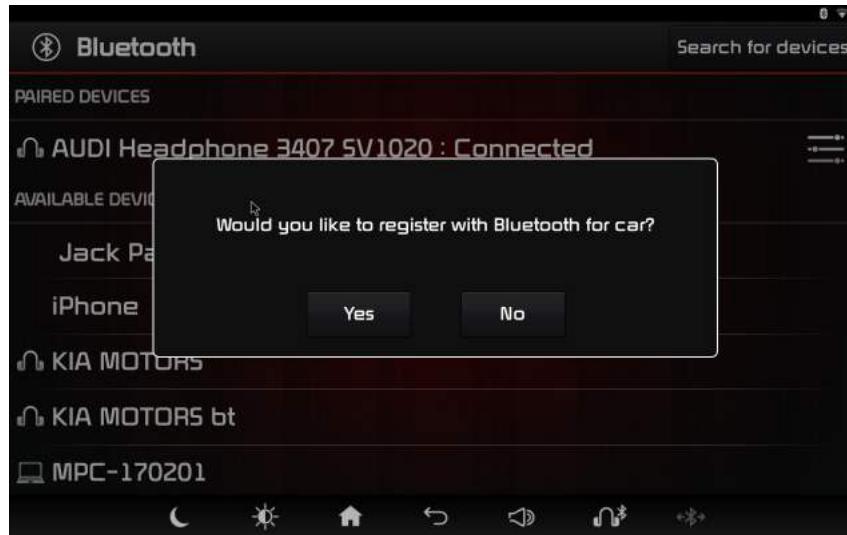
In the Settings screen → Press the **Bluetooth** button. Displays list of paired devices and available devices → Select device you wish to connect.



## Pairing a New Device

Press the **Search for devices** button → Select device you wish to connect.





## Note

- The Bluetooth Audio Sync feature can be used after registering through this popup.

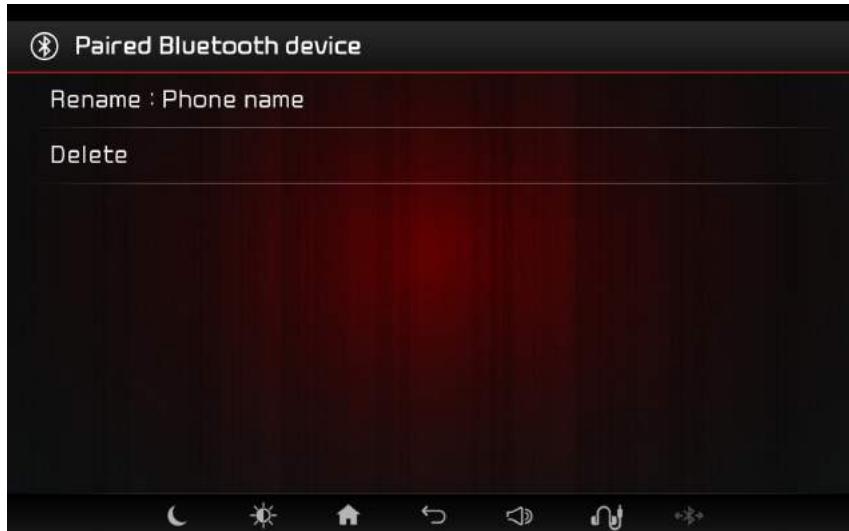
## Disconnecting a Device

In the Bluetooth Setting screen → Press the currently connected device → Press **OK** .



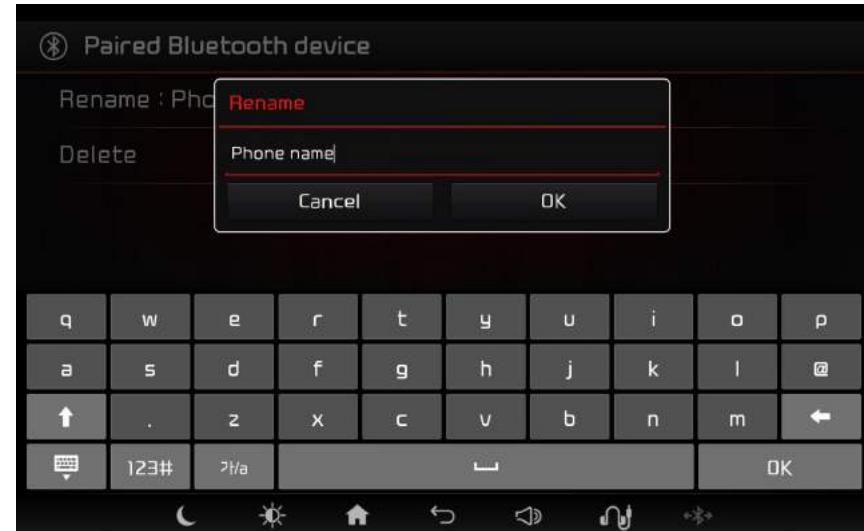
## Deleting a Device

In the Bluetooth Setting screen → Press the Information  button for the device you wish to delete → Press **Delete** .



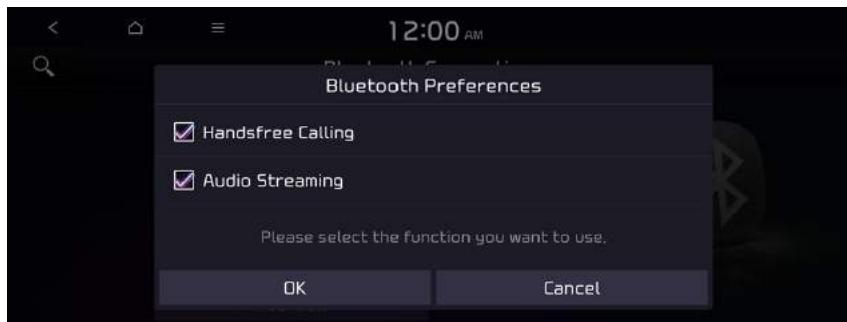
## Changing Device Name

In the Bluetooth Setting screen → Press the Information  button → Press **Rename** → Enter the name → Press **OK** .

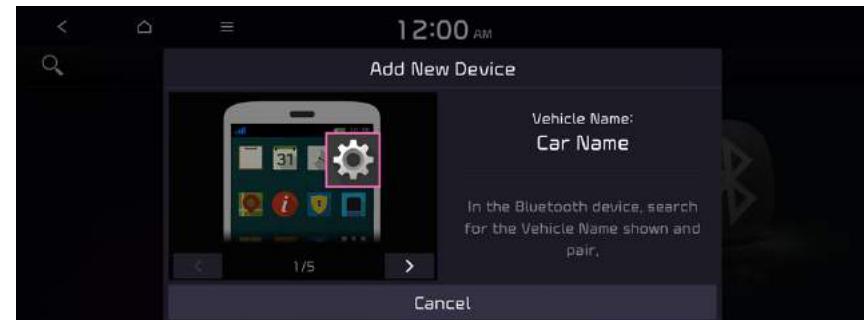


## Bluetooth Connection to Your Vehicle

Select Settings → Connect a device → Bluetooth → Bluetooth Connections → Add New, and then select the **Audio Streaming** option on the pop-up screen.



When the **Add New Device** pop-up appears, go to the **Bluetooth** menu on RSE, and then select your vehicle from the list of devices.



- Don't close the popup window until the connection is completed.
- If the popup window is closed before the connection is completed, the device will not be updated on the RSE screen.

### Note

- Make sure that the authentication number is the same on the RSE screen and on the system screen and accept the connection confirmation from RSE.

## Network

This menu is used to setup Wi-Fi connection.

### Connecting Wi-Fi Network

1. In the Settings screen → Press the **Network** button → Press the Wi-Fi network name to connect.

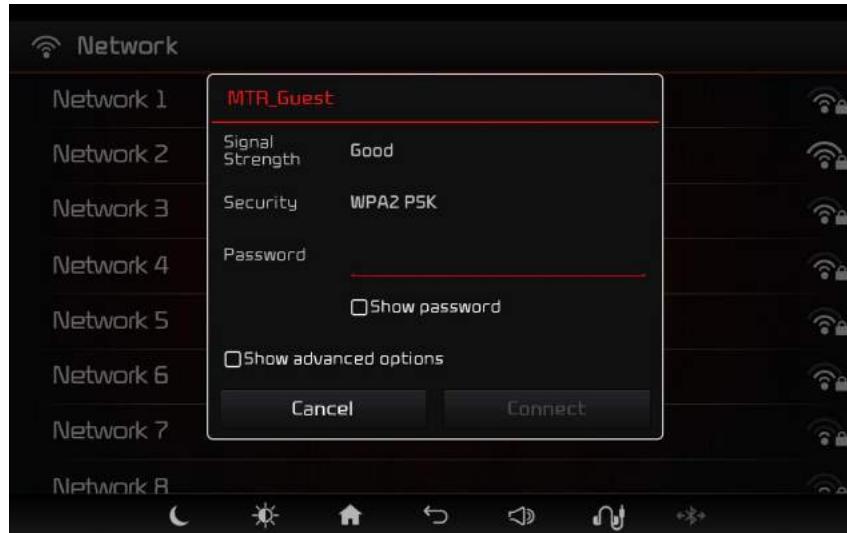


### Note

- The Wi-Fi network list is refreshed every 5 seconds.

# Settings

2. Enter the password → Press **Connect** .



3. When connected to a Wi-Fi network, the Wi-Fi icon will be displayed at the top right-side of the screen.



## Disconnecting Wi-Fi Network

In the Network Setting screen → Press the currently connected Wi-Fi network → Press the **OK** button.



## User Guide

This menu provides information on using the system.

In the Settings screen → Press the **User Guide** button.

| Table of Contents                           |   |   |   |  |   |
|---|---|---|---|--|---|
| General                                     | AV  | Connectivity  |   | Appendix   |   |
| ▪ Precautions for Safety.....4              | ▪ USB.....28<br>- USB Music<br>- USB Movie<br>- USB Photo | ▪ Deezer.....53<br>▪ News Reader.....57<br>▪ Podcast.....59<br>▪ YouTube.....63 | ▪ Language.....76<br>▪ Bluetooth.....77<br>▪ Network.....81 | ▪ Specification.....87<br>▪ User Guide.....84<br>▪ System Information.....85<br>▪ Beep Sound.....85<br>▪ Netflix.....71<br>▪ Screen Sharing.....50<br>▪ Mirroring.....73 | ▪ USB.....90<br>▪ Troubleshooting Pre-Inspection.....94<br>▪ Troubleshooting.....97<br>▪ Power Setting.....86<br>▪ Factory Reset.....86 |
| ▪ Key Product Features.....8                | ▪ AV-In HDMI.....46                                       | ▪ Twitch.....67   | ▪ Starting mode.....76                                      | ▪ Limited Warranty.....103<br>▪ FCC & IC Warning.....108   |   |
| ▪ Component Names and Functions.....10      | ▪ Sounds of Nature.....48                                 | ▪ Netflix.....71  |   |  |   |
| ▪ Using the System for the First Time ...12 | ▪ Screen Sharing.....50                                   | ▪ Mirroring.....73  |   |  |   |
| ▪ Kids Theme,24                             |   |   |   |  |   |

**Setup**

ENGLISH 1

Push the screen or select the left/right <, > to move to the previous/next page.

## System Information

This menu provides system information.

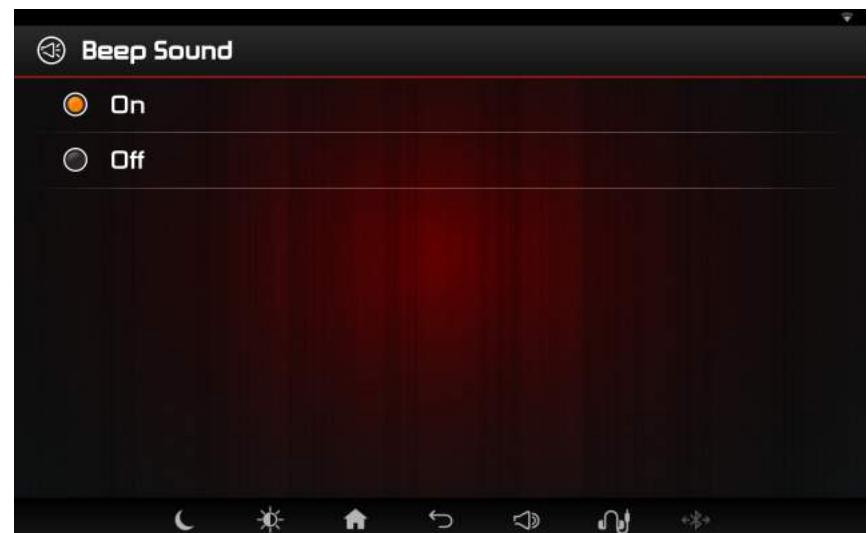
In the Settings screen → Press the **System Information** button.



## Beep Sound

This menu is used to turn on a beep sound every time you operate the touch screen.

In the Settings screen → Press the **Beep Sound** button → Press the desired option.



## Power Setting

This menu allows you to set the power settings option.

In the Settings screen → Press the **Power Setting** button → Press the desired option.



## Factory Reset

This menu allows you to reset settings back to the factory default state.

In the Settings screen → Press the **Factory Reset** button → Press **Yes**.



# Specification

## Common

### Display Monitor

|                             |                             |
|-----------------------------|-----------------------------|
| Power Supply                | DC 12V(Battery)             |
| Operating Power             | DC 10V ~ DC 18V             |
| Current Consumption(RSE)    | 700mA X 2 = 1400mA          |
| Dark Current                | During 1Hour - Mode : < 2mA |
| Operating Temperature Range | -20°C ~ +70°C               |
| Storage Temperature Range   | -40°C ~ +85°C               |

|                                      |                           |
|--------------------------------------|---------------------------|
| External Dimensions (RSE)            | 271(W) X 173(H) X 53(D)mm |
| Device Name/ Model Name              | MTXRSE150                 |
| Manufacturer Receiving Certification | MOTREX                    |
| Manufacturer / Country               | MOTREX (KR)               |

# Specification

## LCD Display

|                  |   |
|------------------|---|
| Screen Size      | Left & Right Seat <ul style="list-style-type: none"><li>Wide type 256.54mm (10.1 inch)</li><li>216.96(W) X 135.60(H) mm (Active area)</li></ul> |
| No. of Pixels    | Left & Right Seat <ul style="list-style-type: none"><li>1,024,000 pixel</li></ul>   |
| Operating Method | Left & Right Seat <ul style="list-style-type: none"><li><math>\alpha</math>-Si TFT active matrix (IPS)</li></ul>                                |

|                   |   |
|-------------------|---|
| Viewing Angle     | Left & Right Seat <ul style="list-style-type: none"><li>Viewing Angle free R/L 150(Min), U/D 150(Min)</li></ul> |
| Internal Lighting | Left & Right Seat <ul style="list-style-type: none"><li>LED</li></ul>   |
| I/O Ports         | 3.5mm Headphone Jack, 3.5mm A/V In, USB Port, HDMI A Type   |
| Headphone         | Output Lever : 1Vpp(Input 0dB 1KHz)   |
| HDMI Compliant    | Version 1.4   |

# Specification

## Wi-Fi

|                          |  |
|--------------------------|--|
| Supported Wi-Fi standard | 802.11 a/b/g/n/ac  |
| Frequency range          | <ul style="list-style-type: none"><li>• 802.11b/g/n20<br/>2412 MHz ~ 2462 MHz</li><li>• 802.11n40<br/>2422 MHz ~ 2452 MHz</li><li>• 802.11a/n20/ac20<br/>5180 MHz ~ 5240 MHz /<br/>5745 ~ 5825 MHz</li><li>• 802.11n40/ac40<br/>5190 MHz ~ 5230 MHz /<br/>5755 ~ 5795 MHz</li><li>• 802.11ac80<br/>5210 MHz / 5775 MHz</li></ul> |

## Bluetooth

|                              |                |
|------------------------------|----------------|
| Supported profiles           | A2DP           |
| Supported Bluetooth standard | 4.0            |
| Frequency range              | 2402 ~ 2480MHz |

## About USB

- 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 files will not be played.
- For MP3/WMA files, only music files with compression rates between 8 Kbps ~ 320 Kbps 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 USB devices formatted as FAT 32 and NTFS are supported.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector and bodily parts/foreign objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- 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 RSE 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 application programs are installed to specific USBs, files may not properly play.
- The RSE 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 RSE may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The RSE may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- The RSE 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.



Plug Type Connector

## Supported File Specification

| Category          | Description  |
|-------------------|--|
| Video Format      | AVI, 3GP/MP4, MOV, MPG, VOB, MKV, FLV, TS/TP, WMV                |
| Audio Format      | MP3, MP2, AAC, OGG, FLAC, APE, WMA, AC3                          |
| Image Format      | JPEG, BMP, GIF, PNG  |
| Image Resolution  | Max 4096 x 4096  |
| Image zoom in/out | Max 300%   |
| Video Codec       | MPEG1, MPEG2, MPEG4, H.263, H.264, WMV7/8, VC-1, VP8, VP9, MJPEG |
| Video Resolution  | 1280 x 720   |

| Category               | Description   |
|------------------------|---|
| Audio Codec            | MP1, MP2, MP3, AAC, AC-3, WMA, FLAC, AMR, LPCM, ADPCM   |
| Subtitles              | SMI, SRT, SUB support only SUB 2.0 Text MKV/TS Internal   |
| Detailed Specification | <p>Max Directory Layers: 15 layers</p> <p>Max length of folder names and file names: 250 Bytes</p> <p>Characters supported for folder/file names: English, Korean, French, Spanish and numbers</p> <p>Max number of files recognized from one USB device: 5000</p> <p>Max number of folders: 2000</p> |

### Note

- Video and image resolutions are specifications.  
Image may not be properly displayed when using higher resolutions.

# Troubleshooting Pre-Inspection

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

| Problem  | Possible Cause   |
|--|--|
| There are small red, blue, or green dots on the screen | Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels.   |
| The screen is being displayed but sound is not working | <ul style="list-style-type: none"><li>• Has the volume been set to a low level?</li><li>• Has the volume been muted?</li><li>• Are you connected to a Bluetooth (automobile/speaker/ headset) or sound output device?</li><li>• This device does not include the sound speaker function.</li><li>• For sound output, a Bluetooth (automobile/speaker/headset) connection or headphone jack connection is required.</li></ul> |

# Troubleshooting Pre-Inspection

| Problem   | Possible Cause   |
|---|--|
| When the power is turned on, the corners of the screen are dark | <ul style="list-style-type: none"><li>The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction.</li><li>If the screen is very dark, contact an authorized KIA for assistance.</li></ul> |
| Sound comes out of only one side of the headphones.             | Is the ear jack fully inserted into the headphone jack terminal?   |
| Sound does not work from Bluetooth headphone                    | Has the Bluetooth headphone paired and connected?  |
| It is difficult to adjust a viewing angle.                      | The fixation site is designed firmly for safety.<br>Use both hands to adjust an angle up and down so that the product is not damaged. (Left and right are fixed.)  |

# Troubleshooting Pre-Inspection

| Problem                            | Possible Cause  |
|------------------------------------|---|
| Sound does not work in AV-In mode  | Are the audio connector jacks fully inserted into the AV-In terminal?   |
| The external device is not working | Is the external device connected with a standard connector cable?   |
| Mirroring does not work.           | Within phones that support HDCP, mirroring will automatically end when copyright-protected contents or applications are operated. |

# Troubleshooting

| Problem                    | Possible Cause                    | Countermeasure  |
|----------------------------|-----------------------------------|---|
| The power does not turn on | The fuse is disconnected.         | <ul style="list-style-type: none"><li>• Replace with a suitable fuse.</li><li>• If the fuse is disconnected again, please contact your point of purchase or service center.</li></ul> |
|                            | Device is not properly connected. | Check to see that the device has been properly connected.   |

# Troubleshooting

| Problem                             | Possible Cause  | Countermeasure   |
|-------------------------------------|---|--|
| The system does not play            | The vehicle battery is low.                               | <ul style="list-style-type: none"><li>• Please check the vehicle voltage and make sure it is above 12V.</li><li>• If the problem persists, contact an KIA authorized dealer.</li></ul> |
| The image color/tone quality is low | The brightness, and contrast levels are not set properly. | Properly adjust the brightness, and contrast levels through Display Setup.   |

# Troubleshooting

| Problem             | Possible Cause  | Countermeasure   |
|---------------------|---|--|
| Sound does not work | The volume level is set to the lowest level.  | Adjust the volume level.   |
|                     | The connection is not proper.   | Check to see that the device has been properly connected.  |
|                     | The device is currently fastforwarding, rewinding, scanning, or playing in slow mode. | The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.  |
|                     | Bluetooth communication error has occurred.   | Turn the wireless headphones off then back on.   |
|                     | A Bluetooth (automobile/speaker/headset) or sound output device is not connected.     | <p>There is no sound output function on the monitor.</p> <p>Check the connection of a Bluetooth (automobile/speaker/headset) or sound output device.</p> |

# Troubleshooting

| Problem                           | Possible Cause  | Countermeasure   |
|-----------------------------------|---|--|
| The sound or image quality is low | The speaker mode is changed in USB movie mode.                              | The screen may blink if the speaker mode is changed while playing a video in USB movie mode. It is not a malfunction.            |
|                                   | Vibration is occurring from where the conversion switch has been installed. | Driving in extreme vibration condition like off-road may cause some noise, but device will return to normal once vibration stop. |
|                                   | Image color/tone quality is low.  | The device will return to normal once vibrations stop.   |

# Troubleshooting

| Problem               | Possible Cause                                | Countermeasure   |
|-----------------------|---|--|
| The USB does not work | USB memory is damaged.                        | Please use after formatting the USB into FAT 32 format.                              |
|                       | USB memory has been contaminated.             | Remove any foreign substances on the contact surface of the USB memory and USB port. |
|                       | A separately purchased USB HUB is being used. | Directly connect the USB memory with the USB port of the system.                     |
|                       | A USB extension cable is being used.          | Directly connect the USB memory with the USB port of the system.                     |

# Troubleshooting

| Problem   | Possible Cause  | Countermeasure                                |
|---|---|---|
| The USB does not work   | A USB which is not a Metal Cover Type USB Memory is being used. | Use standard USB Memory.                      |
|   | An HDD type, CF, SD Memory is being used.                       | Use standard USB Memory.                      |
|   | There are no music files which can be played.                   | Please use only supported music file formats. |
| Deezer / News Reder / Podcast / Youtube / Twitch / Netflix / YouTube Kids does not work | Wi-Fi is not connected.   | Connect Wi-Fi network through Network Setup.  |

## LIMITED WARRANTY

### Rear Seat Entertainment SUPPLIED BY VEHICLE DEALER

Product :

Product No. :

#### WHAT THIS WARRANTY COVERS

1. Vehicle Dealer Shop (“Dealer”) warrants to you that the Hardware will be free from defects in workmanship and materials under Normal use (“Defects”) from the original date of the registration of the motor vehicle (“Warranty Period”). During the Warranty Period the Hardware will be repaired or replaced at DEALER’s choice (“Limited Warranty”) without charge to you for either parts or labor. This Limited Warranty covers the replacement of the Rear Seat Entertainment including of the Hardware only.

For information on the warranty period, refer to the Quick Manual.

## WHAT THIS WARRANTY DOES NOT COVER

1. The Limited Warranty does not apply to normal wear and tear, does not apply when the Hardware is opened or repaired by someone liquids, proximity or exposure to heat and accident, abuse, non-compliance with the instructions supplied with the Hardware, neglect or misapplication. The Limited Warranty does not cover physical damage to the surface of the Hardware. This Limited Warranty does not cover any software that may accompany or be installed on the Hardware. The Limited Warranty does not cover the installation, removal or maintenance of the Hardware or any costs related herewith.

## HOW TO MAKE A WARRANTY CLAIM

1. In order to make a claim of a Defect, you must contact DEALER. If a defect arises and a valid claim under this Limited Warranty is received by DEALER after the first Warranty Period, DEALER is entitled to charge you for any reasonable shipping and handling costs made in connection with the repair or replacement of the Hardware. You must comply with any other return procedures stipulated by DEALER, if any.

## YOUR LEGAL RIGHTS

1. Some countries may not allow the exclusion or limitation of damages. If any part of this Limited Warranty is held to be invalid or unenforceable, the remainder of the Limited Warranty shall nonetheless remain in full force and effect.
2. This Limited Warranty is the only express warranty made to you and is provided in place of any other express warranties or similar obligations (if any) created by any advertising, documentation, packaging, or other communications.

## DEALER LIMITED WARRANTY

1. Except for the Limited Warranty and to the maximum extent permitted by applicable law, DEALER and its suppliers provide the Hardware “AS IS AND WITH ALL FAULTS”, and hereby disclaim all other warranties and conditions, whether express, implied or statutory, including, but not limited to, any (if any) implied warranties, duties or conditions of satisfactory quality, of fitness for a particular purpose, of reliability or availability, of accuracy or completeness of responses, of results, of workmanlike effort, of lack of viruses, and of reasonable care and skill, all with regard to the Hardware, and the provision of or failure to provide support or other services, information, software, and related content through the Hardware or otherwise arising out of the use of the Hardware. Also, there is no warranty or condition of quiet enjoyment, quiet possession, or non-infringement with regard to the Hardware.
2. This Limited Warranty does not affect any legal rights under applicable national legislation governing the sale of consumer goods.
3. This Limited Warranty cannot be transferred to any other person.

## LIMITATION OF LIABILITY

1. Neither DEALER nor its suppliers shall be liable to you or to any third party for any damages either direct, indirect, incidental, consequential or otherwise (including in each case, but not limited to, damages for the inability to use the equipment or access data, loss of data, loss of business, loss of profits, business interruption or the like) arising out of the use of or inability to use the Hardware even if DEALER has been advised of the possibility of such damages.
2. Notwithstanding any damages that you might incur for any reason whatsoever, the entire liability of DEALER and any of its suppliers shall be limited to the amount actually paid by you for the Hardware.
3. DEALER shall not be liable for
  - (I) any fraud on the part of its employees and/or agents; or
  - (II) any fraudulent misrepresentation on the part of its employees and/or agents.
4. Notwithstanding the above, neither party's liability for death or personal injury resulting from its own negligence shall be limited.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

# FCC Warning

If this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

## Part 15.21 statement

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

# FCC Warning

**This device comply with part15 of FCC rules.**

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device & its accessories must accept any interference received, including interference that may cause undesired operation.

## Note

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- This equipment should be installed and operated with minimum 20 cm between the radiator and your body.

## **CONSUMER ASSISTANCE**

For any questions regarding the features of your vehicle,  
please contact your authorized KIA dealer.