SOUL

Car Multimedia System
User's Manual

KIA

The Power to Surprise

- The functions and services described in this guide are subject to change without prior notice for performance improvement. If the system software is updated, the screenshots in this guide may appear different than the actual images on the system.
- The functions and services described in this guide may differ from those provided in your vehicle. For precise information related to your vehicle, refer to the owner's manual or catalog of your vehicle.
- The design and specification of the system may change without prior notice for performance improvement.
- Your system is not compatible with the system software for regions outside of the country of purchase.
- Open Source Information

  This system contains open source software. To download the open source codes installed on this product developed under GPL, LGPL, Apache, and other open source licenses, please visit http://en.mobis.co.kr/opensource/list.do. All notified license content, including the source code, is available for download. If you request the open source code of a software mounted on this product by sending an email to MOBIS_OSSrequest@mobis.co.kr within 3 years of purchasing this product, you will receive it on a CD-ROM or another storage media at a minimal cost, such as the costs of the medium and delivery.

Available information for users

Car Multimedia System User's Manual

This guide introduces your system's functions and explains how to use them. To use your system correctly and safely, read this guide before using the system.

Car Multimedia System Quick Reference Guide

This guide combines key information into a quick reference. Use this guide to refer to descriptions and instructions more quickly and easily.

Quick Guide

This guide is the help built into the system. You can access basic information on how to control the system and a brief description of major functions directly on the system screen.

- How to access the guide: On the Home screen, touch **All Menus** ▶ **Quick Guide**.

For safety, this quick guide will not be displayed while the vehicle is moving. Park your vehicle in a safe location before accessing the quick guide.

Symbols used in this guide

Warning

Indicates important information related to user safety. Failure to follow warnings may result in death or serious personal injury.

Caution

Indicates important information related to user safety. Failure to follow cautions may result in personal injury, or damage or malfunction your vehicle.

Note

Indicates helpful information for convenient use.

*if equipped

Indicates descriptions for optional features.

This guide covers all specifications, including all trim models and optional specifications. It may include descriptions for features that are not equipped in your vehicle.

Safety **warnings**

For safety, follow the instructions below. Failure to do so may increase the risk of a traffic accident, which may result in death or personal injury.

⚠ About driving

Do not operate the system while driving.

- Driving while distracted may result in a loss of vehicle control, potentially leading to an accident, severe personal injury, or death. The driver's primary responsibility is the safe and legal operation of a vehicle, and any handheld devices, equipment, or vehicle systems which divert the driver's attention from this responsibility should never be used during operation of the vehicle.

Avoid watching the screen while driving.

- Driving while distracted may lead to a traffic accident.
- Stop your vehicle in a safe location before using functions that require multiple operations.

Stop your vehicle first before using your mobile phone.

- Using a mobile phone while driving may lead to a traffic accident.

Keep the volume low enough to hear external sounds.

- Driving without the ability to hear external sounds may lead to a traffic accident.
- Listening to a loud volume for a long time may cause hearing damage.

About handling the system

Do not disassemble or modify the system.

- Doing so may result in an accident, fire, or electric shock.

Do not allow liquids or foreign substances to enter the system.

- Liquids or foreign substances may cause noxious fumes, a fire, or a system malfunction.

Stop using the system if it malfunctions, such as no audio output or display.

- If you continue using the system when it is malfunctioning, it may lead to a fire, electric shock, or system failure.

Note

If you experience any problems with the system, contact your place of purchase or dealer.

Safety **cautions**

For safety, follow the instructions below. Failure to do so may result in personal injury or damage to the system.

About operating the system

Use the system with the engine running.

- Using the system for a long time when the engine is stopped may discharge the battery.

Do not install unapproved products.

- Using unapproved products may cause an error while using the system.
- System errors caused by installing unapproved products are not covered under the warranty.

About handling the system

Do not apply excessive force to the system.

- Excessive pressure on the screen may damage the LCD panel or the touch panel.

When cleaning the screen or button panel, make sure to stop the engine and use a soft, dry cloth.

- Wiping the screen or buttons with a rough cloth or using solvents (alcohol, benzene, paint thinner, etc.) may scratch or chemically damage the surface.

If you attach a liquid-type air freshener to the fan louver, the surface of the louver may become deformed due to the flowing air.

Note

If you experience any problems with the system, contact your place of purchase or dealer.

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MEMO

1 System overview

Component names and functions

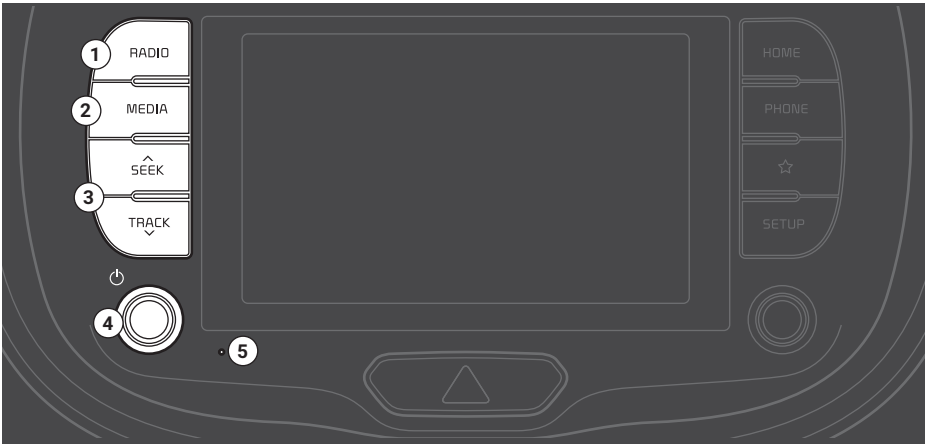
Turning the system on or off

Controlling the touch screen

Getting to know the Home screen

Getting to know the rear view screen

Component names and functions



❶ RADIO button

- Press to turn on the radio. While listening to the radio, press to change the radio mode.

❷ MEDIA button

- Press to play content from a media storage device.
- If you have multiple media storage devices, select one from the media selection window.

❸ ∧ SEEK/∨ TRACK button

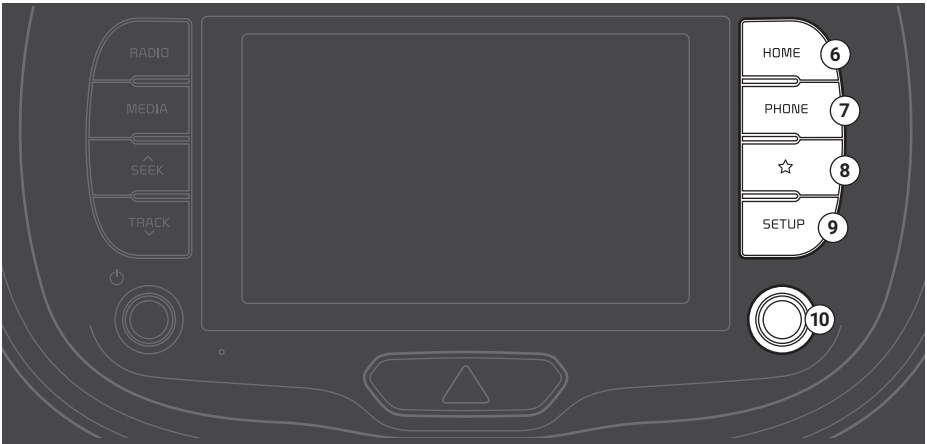
- While using an AV function, change the station/track/file.
- While listening to the radio, press and hold to search for a station.
- While playing media, press and hold to rewind or fast forward (except for the Bluetooth audio mode).

❹ Power button (⏻)/Volume knob

- Press to turn AV (radio/media) on or off.
- Press and hold to turn off the screen and the sound.
- Turn to the left or right to adjust the system sound volume.

❺ Reset button

Note: Depending on vehicle models and specifications, the illustration above may differ from the product's actual appearance and layout.



⑥ HOME button

- Press to access the Home screen.

⑦ PHONE button

- Press to start connecting a mobile phone via Bluetooth.
- After a Bluetooth phone connection is made, press to access your call history.

⑧ Custom button (☆)

- Press to use a custom function.
- Press and hold to access the Custom Button settings screen.

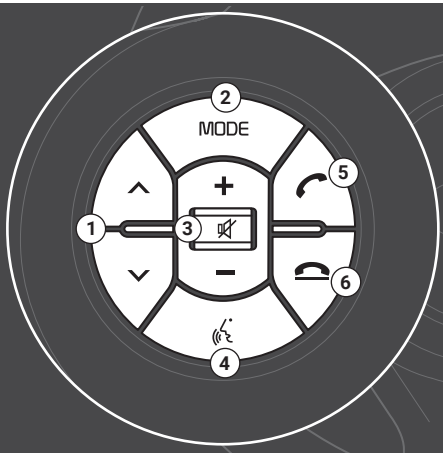
⑨ SETUP button

- Press to access the settings screen.
- Press and hold to access the System Info screen.

⑩ Tune knob/File knob

- While listening to the radio, turn to adjust the frequency or change the station.
- While playing media, turn to search for a track/file (except for the Bluetooth audio mode).
- During a search, press to select the current track/file.

Note: Depending on vehicle models and specifications, the illustration above may differ from the product's actual appearance and layout.



❶ Up/Down button (∧/∨)

- While using an AV function, change the station/track/file.
- While listening to the radio, press and hold to search for a station.
- While playing media, press and hold to rewind or fast forward (except for the Bluetooth audio mode).

❷ MODE button

- Press to change the mode (radio, media, etc.).
- Press and hold to turn the radio/media function on or off.

❸ Volume lever (+/-)/Mute button (🔇)

- Push up or down to adjust the volume.
- Press to mute or unmute the system.
- While playing media, press to pause or resume playback (except for the iPod mode).

❹ Voice recognition button (🎙)

- Press to start or end voice recognition of a connected smartphone via phone projection. (The button's operation may vary depending on smartphone specifications.)

❺ Call/Answer button (📞)

- Press to start connecting a mobile phone via Bluetooth.
- After a Bluetooth phone connection is made, press to access your call history. Press and hold to dial the most recent phone number. When a call comes in, press to answer the call.
- During a call, press to switch between the active call and the held call. Press and hold to switch the call between the system and the mobile phone.

❻ Call end button (📵)

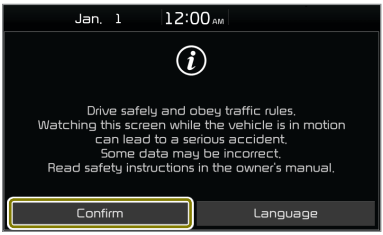
Note: Depending on vehicle models and specifications, the illustration above may differ from the product's actual appearance and layout.

Turning the system on or off

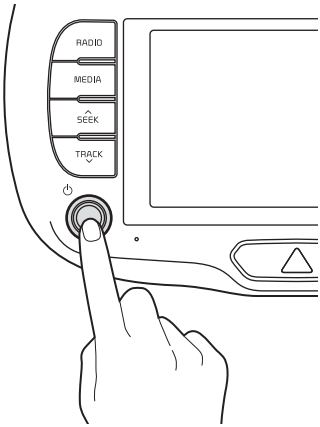
1 To turn on the system, start the engine.

2 When the safety warning appears, read it and touch **Confirm**.

- To change the system language, touch **Language**.



- If you do not want to use the system while driving, you can turn off the screen and the sound by pressing and holding the [⏻] button on the control panel. To use the system again, press the [⏻] button.



After you have turned off the engine, the system will automatically turn off after a while or as soon as you open the driver's door.

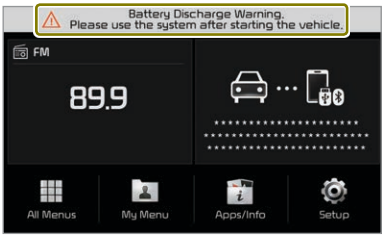
- Depending on the vehicle model or specifications, the system may turn off as soon as you turn off the engine.
- When you turn back on the system, the previous mode and settings will remain intact.

⚠ Warning

- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls, which take the driver's eyes, attention, and focus away from the safe operation of the vehicle, or which are not permissible by law, should never be used during the operation of the vehicle.
- Some functions may be disabled for safety reasons while the vehicle is moving. They work only when the vehicle stops. Park your vehicle in a safe location before using any of them.
- Stop using the system if it malfunctions, such as no audio output or display. If you continue using the system when it is malfunctioning, it may lead to a fire, electric shock, or system failure.

Caution

- You can turn on the system when the key ignition switch is placed in the "ACC" or "ON" position. Using the system for an extended period without the engine running drains the battery. If you plan on using the system for a long time, start the engine.
- If you turn on your system without starting the engine, a battery warning will appear. Once the engine starts, the battery warning will disappear.



Note

To avoid having audio play at an excessive volume when you start the engine, adjust the volume level before stopping the engine. You can also set the system to decrease the volume level automatically. On the Home screen, touch **All Menus** ▶ **Setup** ▶ **Sound** ▶ **Priority** and activate the **Start-up Volume Limit** option.

Controlling the touch screen

Your system is equipped with a touch screen. You can perform various functions via touch inputs.

Warning

Do not use the touch screen while driving as this will divert your attention away from the safe operation of the vehicle. You may lose your steering control which could cause an accident and severe bodily injuries.

Caution

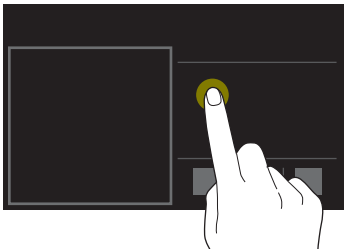
- Do not apply excessive pressure to the touch screen or touch it with a pointed object. Doing so may damage the touch screen.
- Do not let any electrically conductive material contact the touch screen. A shock from static electricity may cause the system or the touch screen to malfunction.

Note

If you wear regular gloves, you will not be able to control the touch screen. Remove your gloves or wear gloves designed for use with a touch screen.

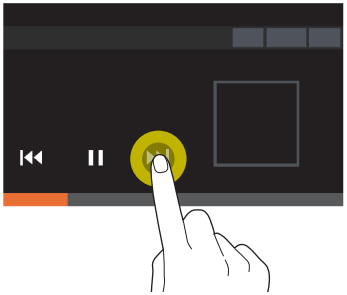
Touch

Touch an object lightly and lift your finger. You can perform a function or select an option.



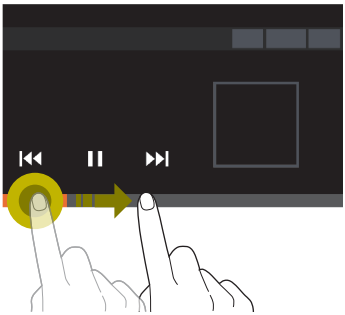
Touch and hold

Touch an object and hold it for at least one second without lifting your finger. You can rewind or fast forward media by touching and holding an appropriate button.



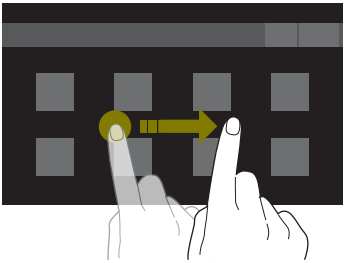
Drag

Touch and hold an object, drag it, and then drop it on a new location. You can move the selected object to another location or skip ahead or replay part of a song.



Swipe

Swipe the screen lightly in an appropriate direction. This is an easy way to scroll through a menu or list quickly.



Getting to know the Home screen

From the Home screen, you can access various functions.

❶ Current time and date

❷ System status icons. Status icons are not included in the screenshots in this guide, because their appearance may differ depending on the system status or mode. ▶ See p.8-2 "System status icons."

❸ AV information. Touch to activate the corresponding AV mode in full screen.

❹ Connection information. The connection status and function icons are displayed.

❺ Access the All Menus screen.

❻ Access the My Menu screen. ▶ See p.2-2 "Setting up My Menu"

❼ Run applications and view the quick guide.

❽ Access the settings screen.

Note

To move to the Home screen from another screen, touch .

Getting to know the rear view screen

When you shift to "R" (Reverse) while the engine is running, the system screen will automatically display what is behind you.

The rear view and the parking guides provide a safer experience when you park your vehicle.

- **Driving direction lines (yellow) ❶❷**
  These lines show the directions of the vehicle according to the steering angle.

- **Neutral direction lines (blue) ❸**
  These lines indicate your vehicle's expected path with the steering wheel in the neutral position. It can help you determine whether the vehicle is in the correct position in a parking space and prevent you from parking too close to the next vehicle.

- **Crash warning lines (red) ❹**
  These lines are to help prevent a collision.

Warning

When backing up, make sure to follow the guidelines below:

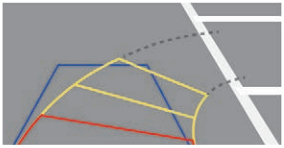
- Before entering your vehicle, always check the area behind your vehicle.
- Do not solely rely on the rear view camera when backing up. Always ensure that it is safe to back up by checking behind you and looking in the rearview mirrors.
- Always back up slowly and stop immediately if you suspect that a person, especially a child, might be behind you.

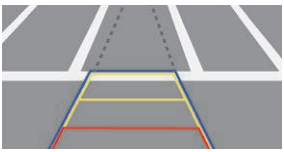
Caution

The distance shown in the rear view screen may differ from the actual distance. For safety, be sure to visually check the rear, left, and right sides of your vehicle.

Note

- The rear view screen remains active even if you shift to any position other than "R" (Reverse) after backing up. However, the parking guides do not appear on the screen. When you shift to "P" (Park) or drive at a predetermined speed or faster, the rear view screen will be deactivated and the system will display the previous screen automatically.
- You can change the operation setting for the rear view camera. On the Home screen, touch **All Menus ▶ Setup ▶ Advanced ▶ Rear Camera** and activate the **Rear Camera** option. The rear view screen will remain active even if you shift to any position other than "R" (Reverse) after backing up (*if equipped). ▶ See p.6-6 "Setting advanced options"
- As you steer your vehicle, the parking guides change accordingly to indicate your vehicle's path.





- Depending on vehicle models, the steering-interactive parking guides may not be supported.
- If an object comes too close to your vehicle as you are parking the vehicle, a warning beep will sound. To prevent an accident that might result if you do not hear the beep, you can set the system to decrease the volume level of any media playing automatically when you are parking the vehicle. On the Home screen, touch **All Menus ▶ Setup ▶ Sound ▶ Priority ▶ Proximity Warning**.

MEMO

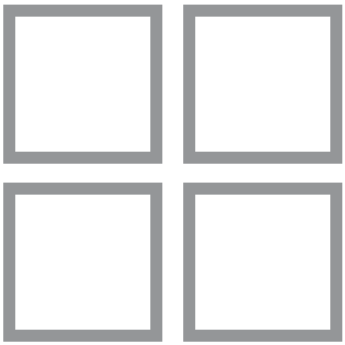
2 Useful features

Setting up My Menu

Using Voice Memo

Using the sound-reactive mood light (*if equipped)

Using phone projection



Setting up My Menu

Add your frequently used functions or favorites to My Menu to access them quickly from the Home screen. You can add up to 24 items to My Menu.

1 On the Home screen, touch **My Menu ▶ Add to My Menu**.

- If you have already added items, on the My Menu screen, touch **Menu ▶ Add**.

2 Select items to add and touch **Add ▶ Yes**.

Editing My Menu

You can rearrange the items added to My Menu.

1 On the Home screen, touch **My Menu ▶ Menu ▶ Rearrange**.

2 Drag an item to a desired location.

You can delete the items added to My Menu.

1 On the Home screen, touch **My Menu ▶ Menu ▶ Delete**.

2 Select items to delete and touch **Delete ▶ Yes**.

⚠ Warning

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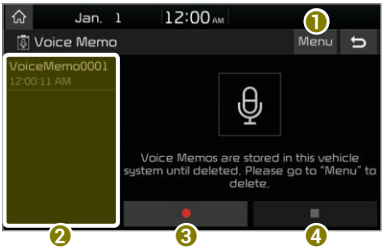
Using Voice Memo

You can record voice memos using the microphone installed in your vehicle and play voice memos on your system.

On the Home screen, touch **All Menus ▶ Voice Memo**.



❶ Display the options list.
- **Delete**: Delete voice memos.
- **Save to USB Device**: Save voice memos to a USB storage device. This option is available only for USB storage devices formatted in FAT16/32 formats.
- **Storage Info**: View information on the storage space used for your voice memos.

❷ List of your voice memos. Touch a voice memo to play it.

❸ Record/Pause button
- Touch ● to start recording.
- Touch ❚❚ to pause recording.

❹ Stop button
- Touch ■ to stop recording. The recorded memo is added to the voice memos list on the left of the screen.
- You can also press the [☎] button on the steering wheel.

Note

- Voice memo recording mutes the function in operation or pauses media playback.
- If you make or answer a call while recording a voice memo, the recording pauses. If an emergency call is connected, the recording will stop and the recorded voice memo will be saved automatically.

Using the sound-reactive mood light (*if equipped)

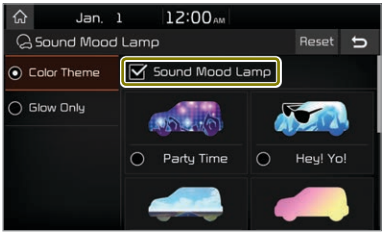
You can customize your vehicle's lighting to create a variety of atmospheres.
You can also set the lighting to change according to the mood of the music you are playing.

Warning

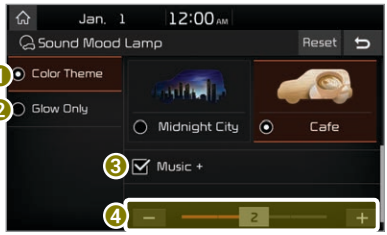
For your safety, you cannot change the sound-reactive mood light settings while the vehicle is moving. Park your vehicle in a safe location before changing the settings.

1 On the Home screen, touch **All Menus ▶ Sound Mood Lamp**.

2 Touch **Sound Mood Lamp** to activate the sound-reactive mood light.



3 Select a lighting mode and customize the lighting settings.



❶ Select a color theme. Based on the selected color theme, the lighting on the front door trim (inside handle garnish/armrest molding) and at the bottom of the glove box changes its colors in various patterns.

❷ Select the color of the lighting on the front door trim (inside handle garnish/armrest molding). The lighting provides a continuous soft glow effect in the selected color.

❸ Synchronize the lighting with the playing music.

Note

If synchronization is activated, the lighting is turned off when you do not play music or the system is muted.

❹ Adjust the brightness level of the lighting.

Note

- To reset your sound-reactive mood light settings to the default values, touch **Reset** at the top right of the screen.
- The lighting of the inside handle garnish is gradually turned off when you drive at a predetermined speed or faster.
- When a door is open, the lighting is automatically turned off.

Using phone projection

Phone projection enables you to connect your Android smartphone or iPhone to your system and use their functions via the system. You can perform and control your smartphone applications by using the larger screen and enhance your use of the system.

⚠ Warning

Do not adjust or set up any phone settings while driving. You may lose your steering control which could cause an accident and severe bodily injuries.

⚠ Caution

- Using an approved USB cable provided by your smartphone manufacturer is recommended. Using unapproved USB cables may cause a phone projection error or a system malfunction.
- Use only applications that are compatible with phone projection. Using incompatible applications may cause problems for your system or smartphone.
- Only compatible applications will be displayed on the phone projection screen. You can also check compatible applications by visiting the following websites:
  - Apple CarPlay: https://www.apple.com/ios/carplay
  - Android Auto: https://www.android.com/auto

Connecting your iPhone via Apple CarPlay

Before using Apple CarPlay, be sure to check the following:

Apple CarPlay support on your iPhone

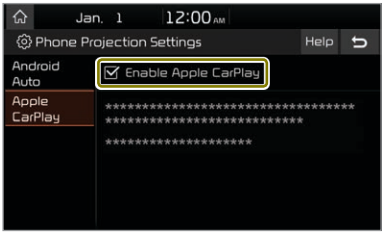
Visit the Apple homepage (https://www.apple.com/ios/carplay) and check the iPhone models that support Apple CarPlay.

Apple CarPlay and Siri activated or updated on your iPhone

On your iPhone, ensure that Apple CarPlay and Siri are activated. If your iPhone does not have the functions, update the iPhone's operating system to the latest version.

Start Apple CarPlay by following the steps below:

1 On the Home screen, touch **All Menus ▶ Setup ▶ Phone Projection ▶ Apple CarPlay ▶ Enable Apple CarPlay**.



2 Connect your iPhone to the USB port in your vehicle via the cable supplied with the iPhone.

- If you are connecting the device for phone projection for the first time, read the message on the notification pop-up window and touch **OK**.

⚠ Caution

Do not connect and disconnect a USB connector repeatedly in a short time. Doing so may cause an error in the device or a system malfunction.

3 If your iPhone is locked, unlock it and agree to use phone projection.

- When the iPhone is recognized successfully, **Apple CarPlay** appears on the Home screen.

4 On the Home screen, touch **Apple CarPlay**.

5 Use your iPhone's functions, such as calling and messaging, on your system.

- Touch an icon on the screen to run an application or perform a function. Touch the **KIA** icon (KIA) to move to the Home screen of your system.
- Press the [🎙] button on the steering wheel to start Siri.
- Press the [📞] button on the steering wheel to answer an incoming call.

6 To end Apple CarPlay, remove the USB cable from your system.

Note

- When phone projection is active, you cannot change the phone projection settings. To change the settings, remove the USB cable from your system.
- Depending on Apple's policies, applications or functions that are compatible with Apple CarPlay, such as navigation apps or media players, may change. To check compatible applications, visit the Apple homepage (https://www.apple.com/ios/carplay).
- To use phone projection in optimized environments, update your smartphone's operating system to the latest version.
- Depending on the connected device's hardware, firmware, and operating system versions, the recognition time may vary.
- Using phone projection may result in mobile communication charges.
- Depending on the network signal status, some functions may not work correctly.
- Avoid controlling your smartphone while phone projection is in use.
- While you are using Apple CarPlay, the following functions are unavailable:
  - Bluetooth
  - USB and iPod modes
  - Searches using the tune/file knob
  - Android Auto

Connecting your Android smartphone via Android Auto

Before using Android Auto, be sure to check the following:

Android Auto support on your smartphone

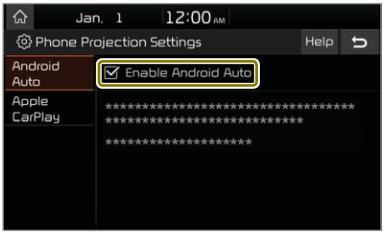
Visit the Android homepage (https://www.android.com/auto) and check the regions, device types, and models that support Android Auto.

Android Auto installed on your smartphone

Download and install the Android Auto application from Google Play. If you are in a region where Android Auto is not supported, you cannot install the application.

Start Android Auto by following the steps below:

1 On the Home screen, touch **All Menus ▶ Setup ▶ Phone Projection ▶ Android Auto ▶ Enable Android Auto**.



2 Connect your smartphone to the USB port in your vehicle via the cable supplied with the smartphone.

- If you are connecting the device for phone projection for the first time, read the message on the notification pop-up window and touch **OK**.

⚠ Caution

Do not connect and disconnect a USB connector repeatedly in a short time. Doing so may cause an error in the device or a system malfunction.

3 If your smartphone is locked, unlock it and agree to use phone projection.

- When the smartphone is recognized successfully, **Android Auto** appears on the Home screen.

4 On the Home screen, touch **Android Auto**.

5 Use your smartphone's functions, such as calling and messaging, on your system.

- Touch an icon on the screen to run an application or perform a function.
- Press the [🎤] button on the steering wheel to start Google voice recognition.
- Press the [📞] button on the steering wheel to start using Bluetooth call functions.

6 To end Android Auto, remove the USB cable from your system.

Note

- When phone projection is active, you cannot change the phone projection settings. To change the settings, remove the USB cable from your system.
- Depending on Google's policies, the icons on the main screen of Android Auto may change.
- Depending on Google's policies, applications or functions that are compatible with Android Auto may change. To check compatible applications, visit the Android homepage (https://www.android.com/auto).
- To use phone projection in optimized environments, update your smartphone's operating system to the latest version.
- Depending on the connected device's hardware, firmware, and operating system versions, the recognition time may vary.
- Using phone projection may result in mobile communication charges.
- Depending on the network signal status, some functions may not work correctly.
- Avoid controlling your smartphone while phone projection is in use.
- While you are using Android Auto, the following functions are unavailable:
  - Bluetooth audio
  - USB and iPod modes
  - Searches using the tune/file knob
  - Apple CarPlay

MEMO

3 Radio

Turning on the radio

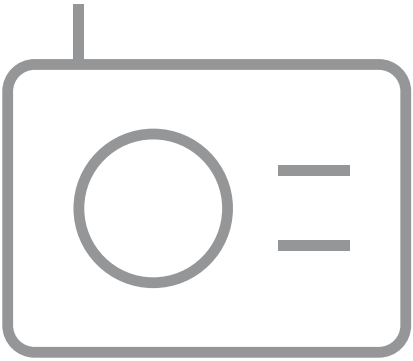
Changing the radio mode

Scanning for available radio stations

Searching for radio stations

Saving radio stations

Listening to saved radio stations



Turning on the radio

On the Home screen, touch **All Menus ▶ Radio**.

1. Display the options list.
   - **Station List**: Access the list of available radio stations.
   - **Delete Presets**: Delete saved radio stations from the preset list.
   - **Sound Settings**: Customize the system sound settings. ▶ See p.6-2 "Setting the system sound."
2. Return to the previous level.
3. Radio station information
4. Preset list
5. Select a radio mode.
6. Set to display text information received from the current broadcasting station.
7. Preview each radio station for five seconds and select the station you want.

⚠ Warning

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

Changing the radio mode

On the radio screen, touch **Band** and select a desired mode.

- Alternatively, press the [**RADIO**] button on the control panel. Each time you press the button, the radio mode switches to FM ▶ AM in order.

Scanning for available radio stations

You can listen to each radio station for a few seconds and select the one you want.

1 On the radio screen, touch **Scan**.

- The system provides a preview of each radio station on the available stations list for five seconds.

2 When you find the radio station to which you want to listen, touch **Scan** to stop the scan.

- You can continue listening to the current radio station.

Searching for radio stations

To search for the previous or next available radio station, press the [∨ **TRACK**] or [∧ **SEEK**] button on the control panel.

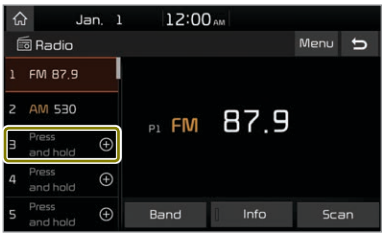
- To select a radio station from the available stations list, touch **Menu** ▶ **Station List** on the radio screen.
- You can also press and hold the [∨ **TRACK**] or [∧ **SEEK**] button to search for frequencies quickly. When you release the button, the next available radio station is selected automatically.

Saving radio stations

You can save your favorite radio stations and listen to them by selecting from the preset list.

On the radio screen, touch and hold an empty slot from the preset list.

- The radio station you are listening to will be added to the selected slot.



Note

- You can save up to 40 radio stations.
- If a station is already saved to the selected preset number, the station will be replaced by the station you are listening to.
- To delete saved radio stations from the preset list, touch **Menu ▶ Delete Presets**.

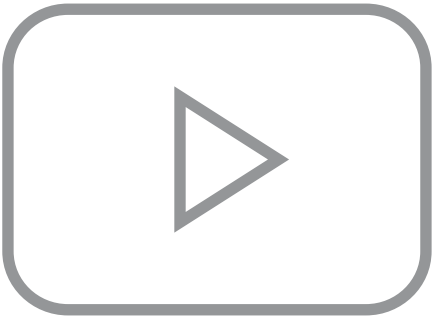
Listening to saved radio stations

Select one of the radio stations in the preset list.

- Alternatively, press the [∧/∨] button on the steering wheel to change the radio station.

4 Media player

Using the media player
Using the USB mode
Using the iPod mode

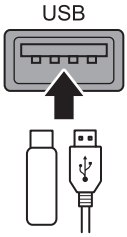


Using the media player

You can play music stored in various media storage devices, such as USB storage devices, smartphones, and iPods.

1 Connect a device to the USB port in your vehicle.

- Playback may start immediately depending on the device that you connect to the system.



2 Touch the AV information area on the Home screen or press the [**MEDIA**] button on the control panel.

- If you have multiple media storage devices, press the [**MEDIA**] button again and select a media mode from the media selection window.

Warning

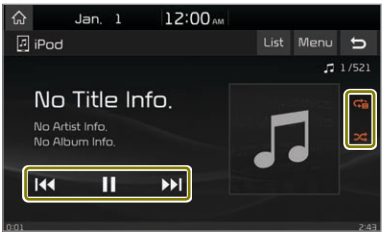
Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls,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

Note

- When you connect an Apple device, playback does not start automatically and the AV information area remains in the previous mode. You cannot touch the AV information area to start playback. To start the media player in the iPod mode, press the [**MEDIA**] button on the control panel.
- Depending on vehicle models and specifications, available buttons or the appearance and layout of the USB port in your vehicle may vary.

Controlling the media player

Use the buttons at the bottom of the playback screen to control the media player.



Pausing/Resuming playback

Touch ⏸ to pause playback. Touch ▶ to resume playing your music.

Rewinding/Fast forwarding

Touch and hold ⏮ or ⏭ to rewind or fast forward. Alternatively, press and hold the [∨ **TRACK**] or [∧ **SEEK**] button on the control panel.

- You can also press and hold the [∧/∨] button on the steering wheel.

Restarting the current playback

After the song has played for 3 seconds, touch ⏮ or press the [∨ **TRACK**] button on the control panel to restart the current song.

- You can also press the [∨] button on the steering wheel.

Playing the previous or next song

To play the previous song, touch ⏮ or press the [∨ **TRACK**] button on the control panel within the first 3 seconds of the current song. To play the next song, touch ⏭ or press the [∧ **SEEK**] button on the control panel.

- You can also use the [∧/∨] button on the steering wheel.

Note

- If more than 3 seconds of playback have elapsed, touch ⏮ twice or press the [∨ **TRACK**] button on the control panel twice to play the previous song.
- On the control panel, turn the file knob to find the desired song and press the knob within five seconds to play the file.
- If no control is detected within five seconds, the search is canceled and the screen displays information about the song currently playing.

Playing repeatedly

Touch 🔁 to play a file on repeat.

- Each time you press the button, the corresponding mode icon appears on the button.

Note

Depending on the current playlist, available repeat play modes may vary.

Playing in random order

Touch ⤮ to shuffle the play order.

Note

For specific descriptions of each media mode, refer to the corresponding section. The description on the Bluetooth audio mode is included in the "Bluetooth" chapter.

Using the USB mode

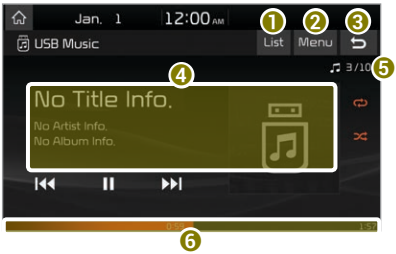
You can play media files stored in portable devices, such as USB storage devices and MP3 players. Check compatible USB storage devices and file specifications before using the USB mode. ▶ See p.8-7 "USB mode."

Listening to music

1 Connect your USB device to the USB port in the vehicle.

2 Touch the AV information area on the Home screen or press the [**MEDIA**] button on the control panel.

- The media player is displayed in full screen.
- If you have multiple media storage devices, press the [**MEDIA**] button again and touch **USB Music** from the media selection window.



❶ Access the files list.

❷ Display the options list.

- **Hide Current File**: Delete the file that is playing currently from the system.
- **Song for this artist**: Move to the list of songs by the artist currently playing.
- **Song for this album**: Move to the list of songs from the album currently playing.
- **Sound Settings**: Customize the system sound settings. ▶ See p.6-2 "Setting the system sound."

❸ Return to the previous level.

❹ Information about the song currently playing. Touch a song's artist or album information to access a list of songs by the artist or from the album playing.

❺ Current file number and total number of files

❻ Playback time and playback position

Note

Only USB storage devices formatted in FAT16/32 formats support deleting files. You can find the deleted files in the "Hidden_" folder.

Caution

- Start the engine of your vehicle before connecting a USB device to your system. Starting the engine with a USB device connected to the system may damage the USB device.
- Be careful of static electricity when connecting or disconnecting a USB device. A static discharge may cause a system malfunction.
- Be careful not to let your body or external objects contact the USB port. Doing so may cause an accident or a system malfunction.
- Do not connect and disconnect a USB connector repeatedly in a short time. Doing so may cause an error in the device or a system malfunction.
- Do not use a USB device for purposes other than playing files. Using USB accessories for charging or heating may cause poor performance or a system malfunction.

Note

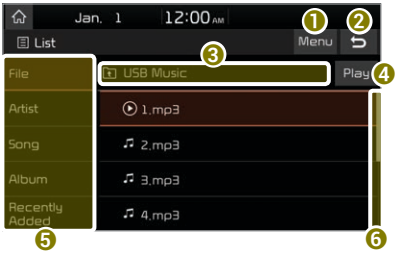
- Depending on the amplifier specifications applied to your vehicle, the sound effect setting button may appear on the screen.
- When connecting a USB storage device, do not use an extension cable. Connect it directly to the USB port. If you use a USB hub or an extension cable, the device may not be recognized.
- Fully insert a USB connector into the USB port. Failure to do so may cause a communication error.
- When you disconnect a USB device, a distorted noise may occur.
- The system can play only files encoded in a standard format.
- The following types of USB devices may not be recognized or work correctly:
  - Encrypted MP3 players
  - USB devices not recognized as removable disks
- A USB device may not be recognized depending on its condition.
- Some USB devices may be incompatible with your system.
- Depending on the USB device's type, capacity, or the format of files, USB recognition time may be longer.
- Depending on the specification, some USB devices may not support charging via a USB connection.

Searching for music files on a file list

Access a file list to search for and select a song.

1 On the music playback screen, touch **List**.

2 Touch the screen to open a folder, move to another category, or play a music file.



❶ Display the options list.
- **Now Playing**: Return to the currently playing file if it is not visible on the current screen.

❷ Return to the previous level.

❸ Move up to another folder/ category.

❹ Play all files in the selected folder or category.

❺ Search for a song based on categories.

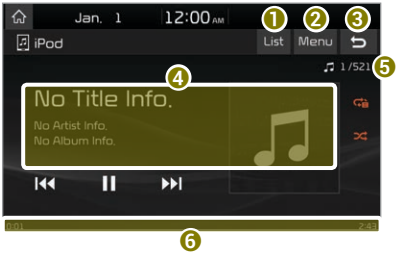
❻ Scroll bar

Using the iPod mode

You can listen to music stored on your Apple devices, such as an iPod or an iPhone. Check compatible Apple devices and iOS specifications before using the iPod mode. ► See p.8-9 "iPod mode."

1 Connect your Apple device to the USB port in your vehicle using the cable supplied with the Apple device.
- When connected, the device will begin charging. Music playback will not start automatically.

2 On the control panel, press the [**MEDIA**] button.
- If you have multiple media storage devices, press the [**MEDIA**] button again and touch **iPod** from the media selection window.



❶ Access the files list.

❷ Display the options list.

- **Sound Settings**: Customize the system sound settings. ▶ See p.6-2 "Setting the system sound."

❸ Return to the previous level.

❹ Information about the song currently playing

❺ Current file number and total number of files

❻ Playback time and playback position

⚠ Caution

Do not connect and disconnect a USB connector repeatedly in a short time. Doing so may cause an error in the device or a system malfunction.

Note

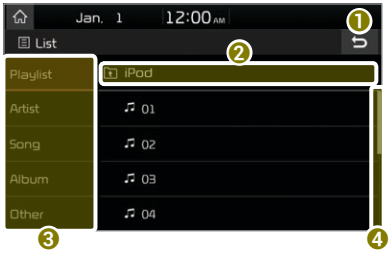
Depending on the amplifier specifications applied to your vehicle, the sound effect setting button may appear on the screen.

Searching for music files on a file list

Access a file list to search for and select a song.

1 On the music playback screen, touch **List**.

2 Touch the screen to move to another category or play a music file.



❶ Return to the previous level.

❷ Move up to another category.

❸ Search for a song based on categories.

❹ Scroll bar

Notes on connecting Apple devices

- Ensure that the iOS and firmware of your device is up-to-date before connecting it to your system. Outdated devices may cause a system error.
- If your device's battery is low, the device may not be recognized. Check the battery level and, if necessary, charge the battery before connecting the device to your system.
- Use an Apple-approved cable. Using an unapproved cable may cause a distorted noise or an error during playback.
- Fully insert a USB connector into the USB port. Failure to do so may cause a communication error.
- If you connect your device to the system while playback is in progress on the device, you may hear a high pitch sound just after the connection. Connect the device after stopping or pausing playback.
- Connecting your device during a download or synchronizing with iTunes may cause an error. Connect the device after the download or synchronization is complete.
- If you connect an iPod nano (except for the 6th generation) or an iPod classic, the brand logo will be displayed on the device screen. For an iPhone and an iPod touch, the logo will not be displayed.

Notes on playing Apple devices

- Depending on the model, your device may not be recognized due to unsupported communication protocols.
- The order of the songs displayed or played on the system may differ from the order of the songs stored in your device.
- Podcasts and audiobooks will play on your system if the dedicated applications are not installed on your Apple device. You can access those files in the **Other** category.
- Podcasts and audiobooks may not play or may not be displayed on your system if your Apple device has iOS 6.0 or later installed.
- In an iPhone, the audio streaming function and iPod mode control may conflict. If an error occurs, disconnect and reconnect the USB cable.
- When using an iPhone or an iPod touch, do not control the device while it is connected to your system. An error may occur.
- If you make or receive a call during playback via an iPhone, the music may remain paused after you end the call. If you do not hear the music after ending a call, check the device to see if the music is paused.

- Do not duplicate a song in multiple folders. One song saved in multiple folders may cause an error with search and playback functions.
- If you perform a media control function, such as stop or repeat, just before a song ends, the song information displayed on the screen may not match the song currently playing. This is not a system error. Restart the iPod mode on the system or pause and resume playback on your device.

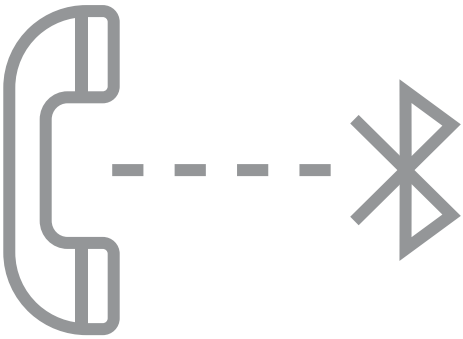
MEMO

5 Bluetooth

Connecting Bluetooth devices

Using a Bluetooth audio device

Using a Bluetooth phone



Connecting Bluetooth devices

Bluetooth is a short-range wireless networking technology. Via Bluetooth, you can connect nearby mobile devices wirelessly to send and receive data between connected devices. This enables you to use your devices effectively.

To use Bluetooth, you must first connect a Bluetooth-enabled device to your system, such as a mobile phone or an MP3 player. Ensure that the device you want to connect supports Bluetooth.

Warning

Park your vehicle in a safe location before connecting Bluetooth devices. Distracted driving can cause a traffic accident and lead to personal injury or death.

Note

- On your system, you can use only Bluetooth Handsfree and Audio features. Connect a mobile device that supports the Bluetooth Handsfree or Audio feature.
- For more information on Bluetooth-enabled devices and their functional compatibility, visit the KIA Motors America website (https://www.kia.com).

Pairing devices with your system

For Bluetooth connections, first pair your device with your system to add it to the system's list of Bluetooth devices. You can register up to five devices.

1 On the Home screen, touch **All Menus ▶ Setup ▶ Bluetooth ▶ Bluetooth Connection ▶ Add New**.

- If you are pairing a device with your system for the first time, you can also press the [ ] button on the steering wheel. Alternatively, on the Home screen, touch **All Menus ▶ Phone**.

2 On the Bluetooth device you want to connect, activate Bluetooth, search for your vehicle's system, and then select it.

- Check the system's Bluetooth name, which is displayed in the new registration pop-up window on the system screen.

3 Ensure that the Bluetooth passkeys displayed on the Bluetooth device screen and the system screen are the same and confirm the connection from the device.

4 Choose whether or not to connect the Bluetooth device to your system prior to other devices.

- If you grant priority to the Bluetooth device, it will be connected automatically to the system when you turn on the system.

5 If you are connecting a mobile phone, permit the system to access and download your data from the device.

- Downloading data is only for Bluetooth call functions. Permission is not required if you are connecting an audio device.

Note

- It may take a while for the system to connect with the device after you permit the system to access the device. When a connection is made, the Bluetooth status icon appears at the top of the screen.
- You can change the permission settings via the mobile phone's Bluetooth settings menu. For more information, refer to your mobile phone's user guide.
- To register a new device, repeat steps 1 to 5.
- When a device is connected to the system via Bluetooth, you cannot pair another device.
- If you do not want the system to connect with the device automatically, deactivate Bluetooth on your device.

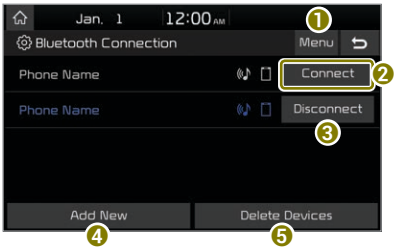
Connecting a paired device

To use a Bluetooth device on your system, connect the paired device to the system. Your system can connect with only one device at a time.

1 On the Home screen, touch **All Menus ▶ Setup ▶ Bluetooth ▶ Bluetooth Connection**.

2 Touch **Connect** next to the device you want to connect.

- If another device is already connected to your system, disconnect it. Touch **Disconnect** next to the device.



❶ Display the options list.
- **Help**: View Bluetooth help.

❷ Connect the device.

❸ Disconnect the device.

❹ Pair a new device with your system.

❺ Delete paired devices. Downloaded data from devices will also be deleted.

Note

- If a connection ends because a device is out of the connection range or a device error occurs, the connection will be restored automatically when the device enters the connection range or when the error is cleared.
- If a connection is unstable due to a communication error, reset Bluetooth by touching **All Menus ▶ Setup ▶ Bluetooth ▶ Default Factory Settings**, and then re-connect the device.

Disconnecting a device

If you want to stop using a Bluetooth device or connect another device, disconnect your currently connected device.

1 On the Home screen, touch **All Menus ▶ Setup ▶ Bluetooth ▶ Bluetooth Connection**.

2 Touch **Disconnect** next to the device.

3 Touch **Yes**.

Deleting paired devices

If you no longer want a Bluetooth device paired or if you want to connect a new device when the Bluetooth device list is full, delete paired devices.

1 On the Home screen, touch **All Menus ▶ Setup ▶ Bluetooth ▶ Bluetooth Connection ▶ Delete Devices**.

2 Select the devices you want to delete and touch **Delete**.
- To delete all paired devices, touch **Mark All ▶ Delete**.

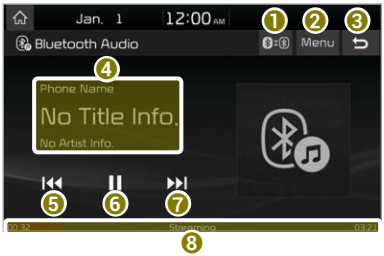
3 Touch **Yes**.

Using a Bluetooth audio device

You can listen to music stored in the connected Bluetooth audio device via your vehicle's speakers.

On the control panel, press the [**MEDIA**] button.

- If you have multiple media storage devices, press the [**MEDIA**] button again and touch **Bluetooth Audio** from the media selection window.



❶ Search for and connect another Bluetooth device.

❷ Display the options list.
- **Change Device**: Search for and connect another Bluetooth device.
- **Sound Settings**: Customize the system sound settings. ▶ See p.6-2 "Setting the system sound."

❸ Return to the previous level.

❹ Information about the song currently playing

❺ Restart the current playback. Touch twice to play the previous file. You can also press the [∨ **TRACK**] button on the control panel or use the [∧/∨] button on the steering wheel.

❻ Pause or resume playback.

❼ Play the next file. You can also press the [∧ **SEEK**] button on the control panel or use the [∧/∨] button on the steering wheel.

❽ Playback time and playback position

Note

- Depending on the amplifier specifications applied to your vehicle, the sound effect setting button may appear on the screen.
- Depending on the connected Bluetooth device, mobile phone, or the music player you are using, playback controls may differ.
- Depending on the music player you are using, streaming may not be supported.
- Depending on the connected Bluetooth device or mobile phone, some functions may not be supported.
- If you connect a media device or mobile phone to your system via both Bluetooth and a USB cable, your system or device may not operate correctly. To use a Bluetooth connection, disconnect any cable connection to the device.

Using a Bluetooth phone

You can use Bluetooth to talk on the phone hands free. View call information on the system screen, and make or receive calls safely and conveniently via the vehicle's built-in microphone and speakers.

⚠ Warning

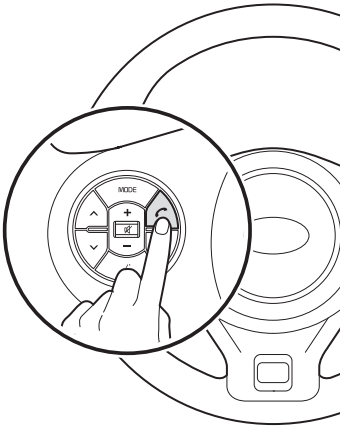
- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls, which take the driver's eyes, attention, and focus away from the safe operation of the vehicle, or which are not permissible by law, should never be used during the operation of the vehicle.
- Park your vehicle in a safe location before connecting any Bluetooth devices. Distracted driving can cause a traffic accident and lead to personal injury or death.
- Never dial a phone number or pick up your mobile phone while driving. Use of a mobile phone may distract your attention, making it difficult to recognize external conditions and reducing the ability to cope with unexpected situations, which may lead to an accident.

Making a call

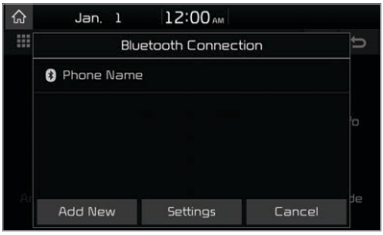
If your mobile phone is connected to the system, you can make a call by selecting a name from your call history or contacts list. You can also enter a phone number on the keypad.

1 On the Home screen, touch **All Menus ▶ Phone**.

- Alternatively, press the [ ] button on the steering wheel.

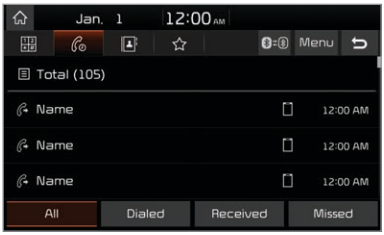


2 If you have multiple paired mobile devices, select a mobile phone from your list of paired devices.



3 Select a phone number from your call history.

- You can find the number you want by pressing the [∧/∨] button on the steering wheel. You do not need to touch the screen.
- To select a phone number from your contacts list, touch .
- To enter a phone number manually, touch .

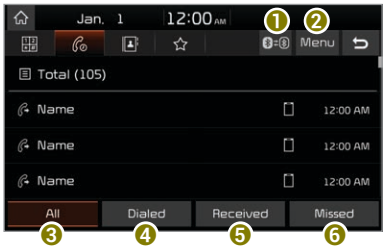


4 To end the call, press the [ ] button on the steering wheel or touch **End** on the call screen.

Using your call history

1 On the Bluetooth phone screen, touch .

2 Select a call record from the list to make a call.



❶ Search for and connect another Bluetooth device.

❷ Display the options list.

- **Download**: Download your call history.
- **Privacy Mode**: Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.
- **Change Device**: Search for and connect another Bluetooth device.
- **Bluetooth Settings**: Customize the Bluetooth settings. ▶ See p.6-4 "Setting Bluetooth."

❸ View all call records.

❹ View only dialed calls.

❺ View only received calls.

❻ View only missed calls.

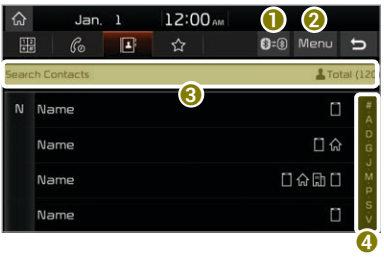
Note

- Some mobile phones may not support the download function.
- Up to 50 call records will be downloaded per individual list.
- Call durations do not appear on the system screen.
- Permission is required to download your call history from the mobile phone. When you attempt to download data, you may need to permit the download on the mobile phone. If the download fails, check the mobile phone screen for any notification or the mobile phone's permission setting.
- When you download your call history, any old data will be deleted.

Using the contacts list

1 On the Bluetooth phone screen, touch .

2 Select a contact from the list to make a call.



❶ Search for and connect another Bluetooth device.

❷ Display the options list.
- **Download**: Download your mobile phone contacts.
- **Search**: Enter a contact's name or phone number to search the list.
- **Privacy Mode**: Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.
- **Change Device**: Search for and connect another Bluetooth device.
- **Bluetooth Settings**: Customize the Bluetooth settings. ▶ See p.6-4 "Setting Bluetooth."

❸ Enter a contact's name or phone number to search the list.

❹ Select an initial letter to find contacts quickly.

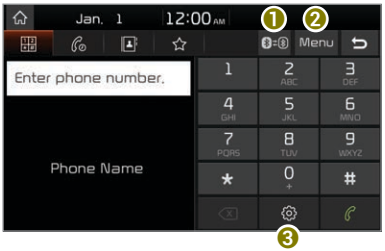
Note

- Only contacts in the supported format can be downloaded and displayed from the Bluetooth device. Contacts from some applications will not be included.
- Up to 5,000 contacts can be downloaded from your device.
- Some mobile phones may not support the download function.
- Contacts stored both in the phone and in the SIM card are downloaded. With some mobile phones, contacts in the SIM card may not be downloaded.
- If you have set up speed dial numbers on the mobile phone, you can make a call by touching and holding a speed dial number on the keypad. Depending on the mobile phone type, the speed dialing function may not be supported.
- Permission is required to download contacts from the mobile phone. When you attempt to download data, you may need to permit the download on the mobile phone. If the download fails, check the mobile phone screen for any notification or the mobile phone's permission setting.
- Depending on the mobile phone type or status, downloading may take longer.
- When you download your contacts, any old data will be deleted.
- You cannot edit or delete your contacts on the system.
- When you connect a new mobile phone, your contacts downloaded from the previous mobile phone will not be displayed, but they will remain in your system until you delete the previous phone from the device list.

Using the keypad

1 On the Bluetooth phone screen, touch .

2 Enter a phone number on the keypad and touch to make a call.



❶ Search for and connect another Bluetooth device.

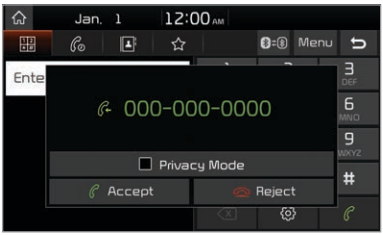
❷ Display the options list.

- **Privacy Mode**: Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.
- **Change Device**: Search for and connect another Bluetooth device.
- **Bluetooth Settings**: Customize the Bluetooth settings. ▶ See p.6-4 "Setting Bluetooth."

❸ Change the settings for Bluetooth connections.

Answering calls

When a call comes in, a notification pop-up window of the incoming call appears on the system screen.



To answer the call, touch **Accept**.

- Alternatively, press the [ ] button on the steering wheel.

To reject the call, touch **Reject**.

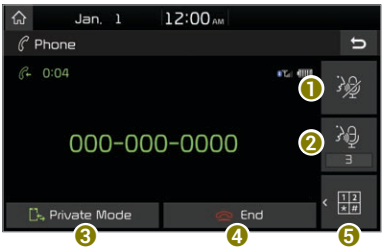
- Alternatively, press the [ ] button on the steering wheel.

Note

- Depending on the mobile phone type, call rejection may not be supported.
- Once your mobile phone is connected to the system, the call sound may be output through the vehicle's speakers even after you exit the vehicle if the phone is within the connection range. To end the connection, disconnect the device from the system or deactivate Bluetooth on the device.
- You can activate the privacy mode by touching **Privacy Mode** on the incoming call pop-up window. In privacy mode, contact information will not be displayed. To deactivate the privacy mode, touch **Menu** ▶ **Privacy Mode** on the Bluetooth phone screen.

Using options during a call

During a call, you will see the call screen shown below. Touch a button to perform the function you want.



1. Turn off the microphone so the other party cannot hear you.
2. Adjust the microphone volume.
3. Switch the call to your mobile phone. Depending on the mobile phone type, this function may not be supported.
4. End the call.
5. Display the keypad.

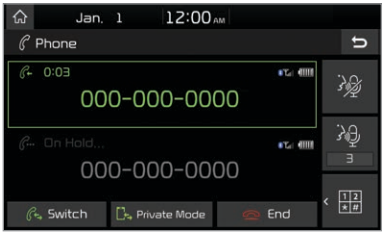
Note

- If you set the microphone volume too high, the other party may have a difficulty understanding you due to noise or echoing, depending on their mobile phone and surroundings. Setting the volume to 30 or lower is recommended.
- If the caller information is saved in your contacts list, the caller's name and phone number will be displayed. If the caller information is not saved in your contacts list, only the caller's phone number will be displayed.
- You cannot switch to any other screen, such as the AV screen or the settings screen, during a Bluetooth call.
- Depending on the mobile phone type, call quality may vary. On some phones, your voice may be less audible to the other party.
- Depending on the mobile phone type, the phone number may not be displayed.

Switching between calls

If your mobile phone supports call waiting, you can accept a second call. The first call is put on hold.

To switch between the active call and the held call, touch **Switch** or touch the phone number displayed on the call screen.



Note

Depending on the mobile phone type, this function may not be supported.

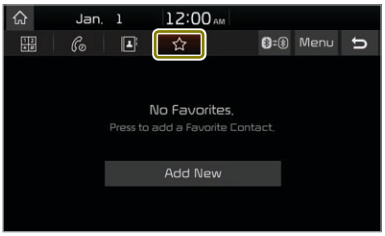
Setting up your favorites list

If you register frequently used phone numbers as your favorites, you can find them and dial them quickly.

1 On the Home screen, touch **All Menus ▶ Phone**.

- Alternatively, press the [ ] button on the steering wheel.

2 On the Bluetooth phone screen, touch ☆.



3 Touch **Add New** and select a contact from your contacts list.

- If you have already added your favorites, on the favorites screen, touch **Menu ▶ Edit**.
- To search for a contact in your contacts list by entering their name or phone number, touch **Menu ▶ Search**.

4 Touch ☆ next to the phone number you want.

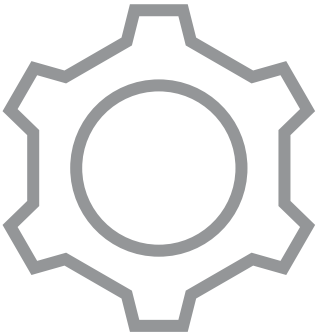
- The star icon changes to orange and the phone number is added your favorites list.

Note

- You can register up to 10 favorites for each device.
- To delete one of your favorites, on the favorites list, touch **Menu ▶ Delete**.
- When you connect a new mobile phone, your favorites set for the previous mobile phone will not be displayed, but they will remain in your system until you delete the previous phone from the device list.

6 Settings

Setting sounds
Setting the system screen
Setting the Home screen
Setting the screen saver
Setting the media player options
Setting Bluetooth
Setting the system environments



Setting sounds

You can adjust/modify sound settings such as speaker volume or sound effects.

Setting the system sound

On the Home screen, touch **All Menus ▶ Setup ▶ Sound**.

Note

- Depending on the model or specifications of your vehicle, available options may vary.
- Depending on the system or amplifier specifications in your vehicle, available options may vary.

Position

Select where you would like sound to be concentrated in your vehicle. Touch a desired location on the seat image or use the arrow buttons to adjust. To center the sound in your vehicle, touch .

Volume

Adjust the volume levels for various system features, including phone projection.

Tone

Adjust the tone and output level of each sound.

Priority

Proximity Warning: Set to give priority to the proximity warning feature and lower all other sounds when parking your vehicle.

Start-up Volume Limit: Set to automatically lower the system volume upon vehicle start-up, if the volume has been previously set to a high level.

Advanced (*if equipped)

Adjust advanced sound options and apply various sound effects.

Depending on your amplifier's specifications, available sound options and effects may vary.

Default

Reset your sound settings to default values.

Note

To turn the touch sound on or off, touch **Beep** at the top of the sound settings screen.

Setting the system screen

You can change the settings for the screen display.

On the Home screen, touch **All Menus ▶ Setup ▶ Display**.

Mode

Set the screen brightness to be adjusted automatically to ambient lighting conditions, and also to keep the screen bright or dim.

Illumination

Link to Cluster Illumination Control allows system brightness to be adjusted to match the instrument cluster's brightness. If deactivated, this feature allows you to adjust screen brightness in day or night mode, depending on the mode selected.

Default

Reset your screen settings to default values.

Setting the Home screen

You can change the menus displayed on the Home screen. Personalize the Home screen by adding your favorite menus.

1 On the Home screen, touch **All Menus ▶ Setup ▶ Home Screen**.

2 Find a desired menu from the list on the right and drag it to the location you want.

- The existing menu moves to the list on the right and the new menu is added to its previous location.
- Touch **Default** to reset your home screen settings to default values.

Note

Once you change the menus displayed on the Home screen, it may affect how to access or perform some functions. If you cannot find a function you want from the Home screen, touch **All Menus** to access or perform it.

Setting the screen saver

You can select a screen saver option after turning off your screen by pressing and holding the [⏻] button on the control panel.

1 On the Home screen, touch **All Menus ▶ Setup ▶ Screen Saver**.

2 Select a screen saver option.

- **Digital**: The digital clock is displayed.
- **Analog**: The analog clock is displayed.
- **None**: No screen saver is displayed.

Setting the media player options

You can change the settings for the media player.

On the Home screen, touch **All Menus ▶ Setup ▶ Media**.

Media Change Notifications

Set to briefly display media information at the top of the screen when not on the main media screen. If you change the media item by using any controls on the control panel or steering wheel, media information will appear regardless of this setting.

Repeat Folder

Set the media player to include all files in the subfolders when repeating a folder.

Setting Bluetooth

You can modify Bluetooth connection settings.

On the Home screen, touch **All Menus ▶ Setup ▶ Bluetooth**.

Bluetooth Connection

Pair new Bluetooth devices to your system, or connect or disconnect a paired device. You can also delete paired devices.

Auto Connection Priority

Set the priority of paired devices for your system to connect with automatically when it turns on.

Bluetooth Voice Prompts

Set to enable or disable voice prompts for Bluetooth connections.

Privacy Mode

Activate privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.

Bluetooth System Info
View or edit your system's Bluetooth information.
Default Factory Settings
Delete all paired Bluetooth devices and reset your Bluetooth settings to default values. All data related to Bluetooth devices will also be deleted.

Note

Some options are only displayed when a mobile phone is connected to your system.

Setting the system environments

You can customize system settings, such as the time and date, system language, and more.

Setting the system language

1 On the Home screen, touch **All Menus ▶ Setup ▶ Language**.

2 Select a language.

Note

This setting will not affect user data, such as MP3 file names.

Setting the time and date

1 On the Home screen, touch **All Menus ▶ Setup ▶ Date/Time**.

2 Set the correct date and time using the arrow buttons located above/below the input fields.

- Touch **24 Hours** to set the time in the 24 hour format.
- Touch **Time Zone** to select your time zone.
- Touch **Daylight Saving Time** to apply daylight saving time.

Setting the keyboard

You can customize your keyboard settings.

On the Home screen, touch **All Menus ▶ Setup ▶ Keyboard**.

Keyboard Type - English
Select a default keyboard type for English.
Default Keyboard
Select a default character type for the keyboard.

Note

Your keyboard settings will be applied throughout the system when inputting text.

Setting advanced options

You can customize additional settings, such as button functions.

On the Home screen, touch **All Menus ▶ Setup ▶ Advanced**.

Custom Button

Assign a function to the custom button [☆] on your control panel.

Steering Wheel MODE Button

Switch between different radio/media functions when pressing the [**MODE**] button on your steering wheel.

Rear Camera (*if equipped)

Set the rear view screen to remain active even if you shift to any position other than "R" (Reverse) after backing up. When you shift to "P" (Park) or drive at a predetermined speed or faster, the rear view screen will be deactivated and the system will display the previous screen automatically.

Viewing system information

On the Home screen, touch **All Menus ▶ Setup ▶ System Info**.

SW Info

View your system's version information or update it to the latest version. To update your system, visit your local dealership.

Storage

View your system's memory storage information.

Default

Reset your system settings to default values. All user data stored in the system will also be deleted.

Note

- Depending on data size, an update may take several minutes.
- Do not turn off the system or remove the storage device while the update is in progress. If the power supply is cut off or the storage device is removed from the system, it may corrupt the data or cause a system malfunction.
- When phone projection is active or an iPod is connected, you cannot reset the system settings. To reset the settings, remove the USB cable from your system.

7 Troubleshooting

Solutions

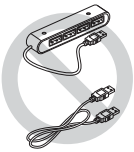
Solutions

Before reporting a malfunctioning system, refer to the following table for troubleshooting tips. If the problem persists or you are unable to locate your specific need, contact your place of purchase or dealer.

Sound and display

Symptom	Possible cause	Solution
No sound	System turned off	• Ensure that the engine start/stop button is set to "ACC" or "ON." • Press the [⏻] button to turn on the system.
	Low volume level	Turn the volume knob on the control panel to adjust the volume.
	System muted	Press the [🔇] button on the steering wheel to unmute the system.
Sound is heard from only one speaker.	Unbalanced sound output	On the Home screen, touch **All Menus** ▶ **Setup** ▶ **Sound** ▶ **Position** and change the settings to adjust the sound balance.
Sound is cut off or a distorted noise is heard.	System vibration	This is not a malfunction. Vibration can cause distortion and even cut off sound. The system will function normally when the vibration stops.
The image quality is deteriorated.	System vibration	This is not a malfunction. Vibration can cause distortion. The system will function normally when the vibration stops.
	Aged or deteriorated screen	If the problem persists, contact your place of purchase or dealer.
Small red, blue, or green dots appear on the screen.		Because the LCD is manufactured with technology requiring extremely high pixel density, dead, stuck or poorly lit pixels may occur. The permitted amount is no more than 0.01% of the total pixels.

USB playback

Symptom	Possible cause	Solution
The files on the USB storage device are not recognized.	File format not compatible	Copy compatible media files to the USB device and reconnect the device. ► See p.8-7 "USB mode."
	Poor connection	Disconnect the USB storage device from the USB port and reconnect it correctly.
	Damaged or dirty USB connectors	Remove foreign substances from the USB connector of the storage device and the contact surface of the USB port.
	USB hub or extension cable used 	Connect the USB storage device directly to the USB port.
	Non-standard USB storage device used	Use a USB storage device that is compatible with the system. ► See p.8-7 "USB mode."
	Corrupt USB storage device	Format the USB storage device on a PC and reconnect it. Format the device in FAT16/32.

iPod/iPhone playback

Symptom	Possible cause	Solution
An iPod or iPhone is not recognized by the system.	Poor connection	Disconnect the cable from the USB port and reconnect it correctly.
	Device not ready or malfunctioning	• Check if the device's battery is low. If the battery is low, the smartphone may not be recognized. • Check if the device's firmware is up-to-date. If not, update the firmware via iTunes and reconnect the device. • Reset the device and reconnect it.
	Uncertified cable used	Use an Apple-certified cable.
	Device not supported	Use the device types and models that can be played in the system. ► See p.8-9 "iPod mode."
No sound is heard during music playback from an iPod or iPhone.	Playback paused during a call	If you make or receive a call while playing music from an iPhone, the device pauses playback. Playback remains paused after you end the call. Check the playback status on the device and resume the audio.

Bluetooth connection

Symptom	Possible cause	Solution
The system is not detected on the Bluetooth device.	Pairing mode not activated	On the Home screen, touch **All Menus** ▶ **Setup** ▶ **Bluetooth** ▶ **Bluetooth Connection** ▶ **Add New** to switch the system to pairing mode. Then, try searching for the system again on the device.
The Bluetooth device is not connected to the system.	Bluetooth deactivated	Activate Bluetooth on the device.
	Bluetooth error	• Deactivate Bluetooth and reactivate it on the device. Then, reconnect the device. • Turn the device off and on. Then, reconnect it. • Remove the battery from the device and reinstall it. Then, turn the device on and reconnect it. • Unregister Bluetooth pairing on both the system and the device and then re-register and connect them.

Phone projection

Symptom	Possible cause	Solution
Phone projection does not start when a smartphone is connected via a USB cable.	Phone projection not supported by the phone	Visit the following websites and ensure that the smartphone supports one of the corresponding functions. • Android Auto: https://support.google.com/androidauto • Apple CarPlay: https://www.apple.com/ios/carplay
	Phone projection disabled	• On the Home screen, touch **All Menus ▶ Setup ▶ Phone Projection**, then select a function you want to use. • Check if phone projection is disabled in the application settings or if there are any restrictions set on your smartphone.
	Smartphone not ready or malfunctioning	• Check if the smartphone's battery is low. If the battery is low, the smartphone may not be recognized. • If the network signal is weak, phone projection may not work correctly. • If the smartphone is locked, unlock it. • Reset the smartphone and reconnect it.
When phone projection starts or is in use, a black screen is displayed.	Smartphone malfunctioning	• Disconnect the USB cable from the smartphone and reconnect the cable. • Reset the smartphone and reconnect it.

System operation

Symptom	Possible cause	Solution
The previously used media mode is not activated after the system turns off and back on.	Poor connection or playback error	If the corresponding media storage device is not connected or has a problem in playback when you turn on the system, the AV mode you previously used will be activated. Reconnect the media storage device or restart playback.
The system is slow or it does not respond.	Internal system error	• Press and hold the reset button with a suitable tool, such as a pen or a paperclip. • If the problem persists, contact your place of purchase or dealer.
The system does not turn on.	Fuse shorted	• Visit a repair shop and replace with a suitable fuse. • If the problem persists, contact your place of purchase or dealer.

MEMO

8 Appendix

System status icons

FAQ

System specifications

Important information

Index

System status icons

Status icons appear at the top right of the screen to display the current system status.

Familiarize yourself with the status icons that appear when you perform certain actions or functions and their meanings.

Mute and voice recording

Audio	AV muted
	Voice memo recording

Bluetooth

	Mobile phone connected via Bluetooth
	Audio device connected via Bluetooth
	Mobile phone and audio device connected via Bluetooth
	Bluetooth call in progress
	Microphone turned off during Bluetooth call
	Downloading contacts or call history from a mobile phone connected via Bluetooth to the system

Note

Depending on vehicle models and specifications, some status icons may not be displayed.

FAQ

Bluetooth

Q What kinds of functions can I use with Bluetooth?

A You can connect your mobile phone to make or answer calls hands free. You can also connect audio devices, such as MP3 players and mobile phones, to listen to music in your vehicle. ▶ See p.5-6 "Using a Bluetooth phone," p.5-5 "Using a Bluetooth audio device."

Q What is the difference between pairing a device and connecting a device?

A Pairing occurs through authenticating the system and a mobile device. Devices paired with the system can be connected and disconnected until they are deleted from the system. Bluetooth Handsfree features, such as making or answering calls or accessing contacts, are supported only in mobile phones connected with the system.

Q How do I pair a Bluetooth device with the system?

A On the Home screen, touch **All Menus ▶ Setup ▶ Bluetooth ▶ Bluetooth Connection ▶ Add New**. From the Bluetooth device you want to connect, search for and pair with your system. When you enter or confirm a Bluetooth passkey displayed on the system screen, the device is registered to the system's Bluetooth device list and connected to the system automatically. ▶ See p.5-2 "Connecting Bluetooth devices."

Q What is a passkey?

A A passkey is the password used to authenticate the connection between the system and the mobile device. The passkey needs to be entered only once when you pair a mobile phone for the first time.

The initial passkey is "0000." You can change it by touching **All Menus ▶ Setup ▶ Bluetooth ▶ Bluetooth System Info ▶ Passkey**.

Q I changed my mobile phone that was registered to the system via Bluetooth. How can I register my new mobile phone?

A You can register additional devices to your system by following the instructions to pair a device. Up to five devices can be added to your system's Bluetooth device list. To delete a registered device, on the Bluetooth device list, touch **Delete Devices**, select the devices to delete, and touch **Delete**. ▶ See p.5-2 "Connecting Bluetooth devices."

Q How do I answer a call?

A When a call comes in and a notification pop-up window appears, press the [ ] button on the steering wheel or touch **Accept** on the screen.

To reject the call, press the [ ] button on the steering wheel or touch **Reject** on the screen.

Q What should I do if I want to switch the call to my mobile phone while on a call via the system?

A Press and hold the [ ] button on the steering wheel or touch **Private Mode** on the screen to switch the call to your mobile phone.

Q How do I access the contacts in my mobile phone from the system?

A When connecting your mobile phone to your system, permit the system to access the contacts saved in the mobile phone. The contacts will be downloaded to the system. To open the downloaded contacts list, press the [ ] button on the steering wheel and touch on the phone screen. You can search for a contact to make a call or add it to favorites. ▶ See p.5-6 "Using a Bluetooth phone."

Q What is the range of my wireless connection?

A A wireless connection can be used within about 10 m (about 33 ft). The maximum Bluetooth range may be affected by the usage environment, such as the vehicle type, the system platform, or the connected mobile phone.

Q How many mobile devices can be paired?

A Up to five devices can be paired with your system.

Q Why is call quality sometimes poor?

A Check your mobile phone's reception sensitivity when call quality deteriorates. The call quality may deteriorate when the signal strength is low.

Call quality may also become poor if metal objects, such as beverage cans, are placed near the mobile phone. Check to see if any metal objects are near the mobile phone.

The call sound and quality may differ depending on the type of mobile phone.

AV function

Q What kinds of AV functions does my system have?

A Your system provides you with the radio and media player (USB, iPod, etc.). For more information, see the corresponding chapters.

Q I want to move to the previous or next song without touching the screen while driving. How do I do this?

A Press the [∧/∨] button on the steering wheel to move to the previous or next song.

Broadcast reception

Q No sound is heard or a distorted noise is heard when listening to the radio while driving.

A Depending on the location, the reception may deteriorate due to obstacles. If the reception diminishes, change the radio station to another one.

Attaching a window film including metal components to the rear window equipped with a glass antenna may lower radio reception.

How to self-check a system fault

Q My system does not operate normally. What should I do?

A Check your system by referring to the solutions explained in the troubleshooting sections. ▶ See p.7-2 "Solutions."

If the system still does not operate normally after following the relevant instructions, press and hold the reset button.

If the problem persists, contact your place of purchase or dealer.

System specifications

Media player

USB mode

Music

Item	Specifications	
Audio file specification	MPEG-1/2 Layer3, OGG (Vorbis), FLAC, WMA (Standard/ Professional), WAV	
Bit rates/Sampling frequency	MP3	8 to 320 kbps (CBR/VBR), to 48 kHz (ID3 tag version: Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3, Ver. 2.4)
	OGG	Q1 to Q10, to 48 kHz
	FLAC	8/16/24 bit, to 48 kHz
	WMA	• Standard (0x161): to L3 Profile, to 385 kbps, to 48 kHz • Professional (0x162): to M0b, to 192 kbps, to 48 kHz
	WAV	8/16 bit, to 48 kHz
Detailed specifications	• Maximum number of directory layers: 20 • Maximum length of folder/file names: 255 byte • Supported characters for folder/file names: Alphanumeric characters, Korean standard character set 2,350 characters, Simplified Chinese 4,888 characters • Maximum number of folders: 2,000 (including ROOT) • Maximum number of files: 8,000	

Note

- You cannot play the following types of files:
  - Modified files (files whose file format has changed)
  - Variant files (for example, MP3 files encoded with WMA audio codec)
  - Files with digital rights management (DRM)
  - Files with no index
- Sound quality of music files using a bit rate in more than 192 kbps is not guaranteed.
- For files that do not use a fixed bit rate, some functions may not work or the playback time may be incorrect.
- If an error occurs when you play a file or the file is not in supported format, change the file format by using the latest encoding software.

USB storage devices

Item	Specifications
Byte/Sector	64 kbyte or less
Format system	FAT16/32 (recommended), exFAT, NTFS

Note

- Operation is guaranteed only for a metal cover type USB storage device with a plug type connector.
  - USB storage devices with a plastic plug may not be recognized.
  - USB storage devices in memory card types, such as CF card or SD cards, may not be recognized.
- Any problem caused by the use of USB storage devices not listed in the following table are not covered by the warranty.

Product name	Manufacturer
XTICK	LG Electronics Inc.
BMK	BMK Technology Co., Ltd.
SKY-DRV	Sky Digital Co., Ltd.
TRANSCEND JetFlash	Transcend Information, Inc.

Product name	Manufacturer
Sandisk Cruzer	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	Digiworks Co., Ltd.

- USB hard disk drives may not be recognized.
- When you use a large capacity USB storage device with multiple logical drives, only files stored on the first drive will be recognized.
- If an application program is loaded on a USB storage device, the corresponding media files may not play.

iPod mode

Supported devices

Device type	Model	Generation
iPod	iPod nano	1G, 2G, 3G, 4G, 5G, 6G, 7G
	iPod touch	1G (except for iOS 1.1), 2G, 3G, 4G, 5G, 6G
	iPod classic	5G (iPod with video), 6G (iPod classic), 6.5G (iPod classic)
iPad	iPad/iPad mini	Unable to charge, not certified, operation not guaranteed
iPhone		3G (not certified, operation not guaranteed), 3GS, 4, 4S, 5, 5C, 5S, 6, 6+, 6S, 6S+, SE, 7, 7+

Supported OS

Device type	OS version
iPhone/iPod touch/iPod nano/iPod classic/iPad/iPad mini	iOS 9.3.2 or earlier

Common

Item	Specifications
Power supply	DC 14.4 V
Operating power	DC 9 to 16 V
Sleep current	• Average current within 96 hours of ACC off: 10 mA or less • Average current after 96 hours of ACC off: 1 mA or less
Operating temperature	-20 to +70 °C (-4 to +158 °F)
Storage temperature	-40 to +85 °C (-40 to +185 °F)
Dimensions (W x H x L)	307 x 155 x 140 mm
Current consumption	2.5 A
Weight	1.96 kg

Display

Item	Specifications
Size (W x H)	7 inch (152.4 x 91.44 mm)
Pixel number	384,000 pixels (resolution: 800 x 480)
Operating method	Thin Film Transistor (TFT) Active Matrix
Viewing angle	Left/Right, Top/Bottom: 89°
Internal lighting	LED

Radio

Item	Specifications
Channels A2	• FM: 87.5 to 107.9 MHz (200 kHz) • AM: 530 to 1710 kHz (10 kHz)
Sensitivity	• FM: 10 dBuV or lower • AM: 35 dBu EMF or lower
Distortion factor	2 % or less

Bluetooth

Item	Specifications
Frequency range	2400 to 2483.5 MHz
Supported Bluetooth specification	3.0
Supported profile	Handsfree (1.6), A2DP (1.2), AVRCP (1.5), PBAP (1.1)
Bluetooth Power Class 2	-6 to 4 dBm
Antenna power	3 mW (maximum)
Number of channels	79

Important information

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

Keep this guide in your vehicle

When kept in the vehicle, this guide will be a ready reference for you and other users unfamiliar with the system. Ensure that before using the system for the first time, all persons have access to this guide and read its instructions and safety information carefully.

Warning

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

General operation

Prolonged views of screen

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

Volume setting

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

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Disclaimers

- Driving while distracted is dangerous and should be avoided. Drivers should remain attentive to driving and always exercise caution when using the steering-wheel-mounted controls while driving.
- 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 that are not permissible by law should never be used during operation of the vehicle.
- Android Auto: Vehicle user interface is a product of Google and its terms and privacy statements apply. Requires the Android Auto app on Google Play and an Android compatible smartphone running Android™ 5.0 Lollipop or higher. Data plan rates apply.

FCC Certification

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

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

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

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The Power to Surprise