◇ The download may not work in some phone models. For more information about compatibility, visit the company website at http://www.kia.com.

◇ You can download up to 50 call records for each list.

◇ Call durations do not appear on the system screen.

◇ You cannot download call records when the download is prohibited by the phone. Some phone models may require approval for a download. When a successful download is not made, check the phone screen or its settings.

◇ When call records are newly downloaded, the previous records are removed.

◇ Learn more about receiving calls while using Bluetooth connection. ▶ see "Accepting an incoming call over Bluetooth."

Recent calls list screen

❶ Used to return to the previous screen.

❷ View a list of recent calls downloaded to the system from the device.

❸ View all recent calls.

❹ View only dialed calls in the list.

❺ View only received calls in the list.

❻ View only missed calls in the list.

❼ The list of menu items appears.
  • **Download**: Download the list of recent calls from the connected mobile device.
  • **Bluetooth settings**: Can change the Bluetooth settings.

Dialing from the favourites list

Make a list of frequently used phone numbers to call them quickly in the future.

When you connect your mobile device and system over Bluetooth, your contacts stored on the device will be downloaded to the system, and you can add frequently used phone numbers to the favourites list. Call your favourite contacts quickly and easily by selecting them from the list.

1 Perform any of the following options:
   - On the All menus screen, touch **Phone**.
   - On the steering wheel, press the [ ] button.

2 On the Bluetooth Call screen, touch ☆.

3 On the favourites screen, touch **Add new** and select a name from the displayed list.

   ⟋ If you already have contacts on your favourites list, touch **Menu ▶ Edit** on the favourites screen.
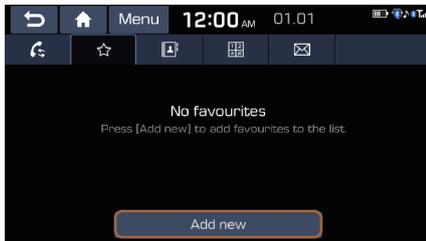
4 To set a phone number as a favourite, touch the ☆ button next to it.

The phone number is now added to your favourites list.
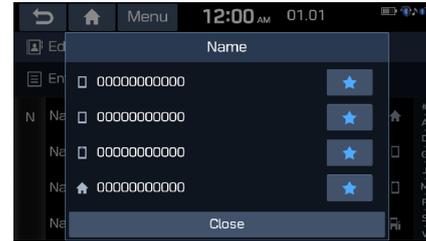
5 Choose a contact from the list.

The system dials the selected contact.

⟋ You can add up to 10 favourite contacts for each device.

⟋ In the favourite contacts list, the default emergency phone number is set for use upon emergency.

⟋ When another mobile phone is connected, the screen does not display the contacts from the previous phone but they are kept in the system until the phone is deleted from the list.

⟋ Learn more about receiving calls while using Bluetooth connection. ▶ see "Accepting an incoming call over Bluetooth."

Favourites screen
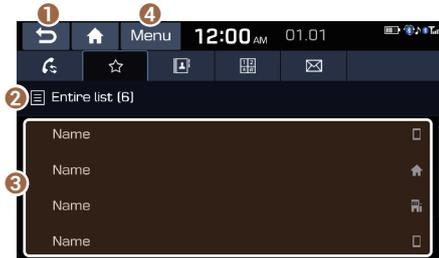
❶ Used to return to the previous screen.

❷ The emergency call list allows you to quickly dial the police, national intelligence service, and other agencies.

❸ View a list of favourite contacts.

❹ The list of menu items appears.

- **Add new/edit**: Add a new contact or edit the favourites list from downloaded contacts.
- **Delete**: Delete a contact from the favourites list.
- **Bluetooth settings**: Can change the Bluetooth settings.

Dialing from the contacts

You can use contacts from the connected mobile device on the system.

When you connect your mobile device with the system via Bluetooth, contacts from the device are downloaded to the system, and you can choose to call them from the system screen. The system has a built-in microphone and speaker that allows using phone safely and easily.

1 Perform any of the following options:

- On the All menus screen, touch **Phone**.
- On the steering wheel, press the [ ] button.

2 On the Bluetooth Call screen, touch .

3 Select a contact from the list.

The system dials the selected contact.
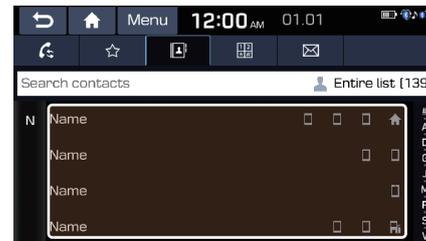
✐ You can download only the contacts that can be displayed on the connected Bluetooth device. The contacts may not appear in some applications.

✐ You can download up to 5,000 contacts for each device.

✐ The download may not work in some phone models. For more information about compatibility, visit the company website at http://www.kia.com.

✐ The downloaded contacts may be lost depending on the system specifications.

✐ Contacts from both the mobile device and its SIM card are downloaded at the same time. The system may not be able to download SIM card contacts from all phone models.

✐ When speed dial numbers are set to contacts on the phone, press and hold a speed dial number on the dial pad to make a call easily. Some mobile phone models may not support the speed dial function.

✐ You cannot download contacts when the download is prohibited by the phone. Some phone models may require approval for a download. When a successful download is not made, check the phone screen or its settings.

✐ Depending on the phone model or operation status, downloading may take longer than usual.

✐ When a new contacts list is downloaded, the previous records are removed.

✐ The downloaded contacts cannot be edited or deleted from the system.

✐ When another mobile phone is connected, the screen does not display the contacts downloaded from the previous phone but they are kept in the system until the phone is deleted from the list.

✐ Learn more about receiving calls while using Bluetooth connection. ▶ see "Accepting an incoming call over Bluetooth."

Contacts list screen

❶ Used to return to the previous screen.

❷ View a list of contacts downloaded to the system from the device.

❸ Use the index to quickly find the contact you are looking for.

4 The list of menu items appears.

- **Download**: Download the list of contacts from the connected mobile device.
- **Search**: Search contacts by entering a name or a phone number.
- **Bluetooth settings**: Can change the Bluetooth settings.

Using the dial pad

Enter a phone number using the dial pad to make a call.

When you connect your mobile device to the system via Bluetooth, you can enter and dial a phone number from the system screen, without interacting with the device. The system has a built-in microphone and speaker that allows using phone safely and easily.

⚠ **Warning**

Do not manually dial a call while driving. Distraction by the use of a mobile phone may cause you not to recognise traffic flow around and not to cope with unexpected situations. As a result, a traffic accident may occur.

1 Perform any of the following options:

- On the All menus screen, touch **Phone**.
- On the steering wheel, press the [📞] button.

2 On the Bluetooth Call screen, touch 🔲.

3 After entering a phone number, touch [📞].

A call is connected to the entered phone number.

✎ When contacts are on the system, search for the desired contact by entering the initial letters or number on the dial pad. (e.g. John Doe ▶ JD).

✎ Learn more about receiving calls while using Bluetooth connection. ▶ see "Accepting an incoming call over Bluetooth."

Dial pad screen

❶ Used to return to the previous screen.

❷ Use the dial pad to enter phone numbers.

❸ Touch to dial the number you entered.

✎ If you have recent calls stored on your system, you can use the following feature before entering a phone number.

✎ Touching this button will display the most recently dialed numbers in the field.

✎ Touch and hold this button to automatically call the most recently dialed number.

❹ Can configure the Bluetooth connection settings.

❺ Delete an entered number.

❻ The list of menu items appears.

- **Bluetooth settings**: Can change the Bluetooth settings.

Accepting an incoming call over Bluetooth

The system screen alerts you when you receive a call while connected using Bluetooth.
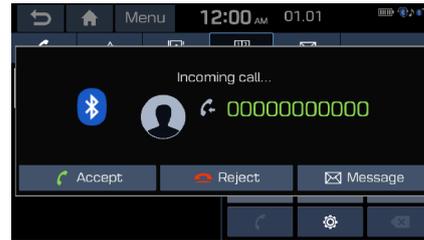
Perform any of the following options:

- Touch **Accept** on the screen.
- On the steering wheel, press the [📞] button.

⚠ Warning

- Pull over the vehicle at a safe place before connecting your mobile phone. When a traffic accident occurs while attempting connection, it may cause severe or fatal injury.
- Do not talk on your mobile device while driving. Distraction by the use of a mobile phone may cause you not to recognise traffic flow around and not to cope with unexpected situations. As a result, a traffic accident may occur. If necessary, use the Bluetooth hands-free function and make the call as short as possible.

🖉 When a mobile phone is connected to the system, the vehicle's speaker may be used to output a call tone even after you leave the vehicle. To disconnect the call, disable the Bluetooth connection on the system or turn off the Bluetooth function on the mobile phone.

Rejecting a call

Perform any of the following options:

- Touch **Reject** on the screen.
- On the steering wheel, press the [🕿] button.

🖉 To reject by sending a call-reject message, touch **Message**. From the list, select the call-reject message and touch **Send**.

🖉 The call-reject or auto reply message may not be supported in some phone models.

🖉 You can set to automatically reject an incoming call and send the auto reply message to the caller.

Using functions during a call

During a call, the following screen appears.

Touch to use the available options.
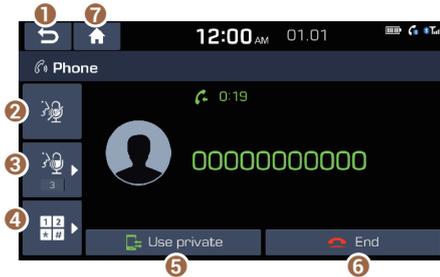
❶ Used to return to the previous screen.

❷ Can turn off the microphone so that the other party cannot hear you.

❸ Can adjust the microphone volume.

❹ Displays the dial pad.

❺ Used to switch the call to the mobile phone. This option may not be available in some phone models.

❻ Used to end a call.

❼ The list of menu items appears.

- **Split screen**: Can turn on or off the split screen mode.

◇ When a caller is in the contact list, the caller's name and phone number appear. Otherwise, only the phone number appears.

◇ During a call with a Bluetooth connection, you cannot switch to another screen such as AV mode.

◇ Depending on the phone model, the call volume of the other party may differ.

◇ Depending on the phone model, the telephone number may not appear.

Switching to another call

You can receive another incoming call while in a call. This option is available only when the connected mobile phone supports the call hold function. The previous call is put on hold.

To switch between two calls, use either option.

- Touch **Switch**.
- Touch a displayed phone number.
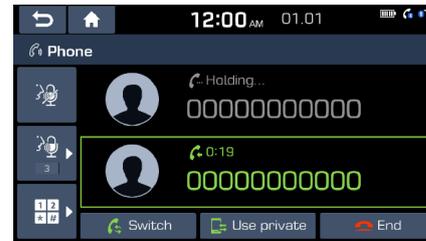
◇ This option may not be available in some phone models.

Checking a new message over Bluetooth

After connecting a mobile phone via Bluetooth, you can check the received messages through the system screen converted from the text messages. This option is available when a mobile phone is connected via Bluetooth. You can also send the brief reply message registered in the system.

Checking a new message

When a message is received, the new message notification window appears.

To check the message, touch **View**.
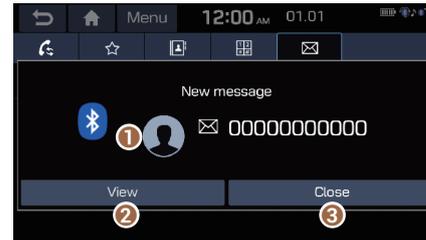
❶ View caller details.

❷ Can see the message details.

❸ Used to close the notification window.

✎ The message notification window does not appear when the privacy mode is enabled or the message notification is turned off.
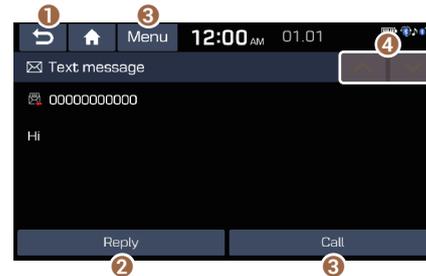
Bluetooth message screen

❶ Used to return to the previous screen.

❷ View the list of received messages.

❸ The list of menu items appears.

- **Message settings**: Displays the message settings screen.
- **Bluetooth settings**: Can change the Bluetooth settings.

Checking a new message from the list

1 Perform any of the following options:
- On the All menus screen, touch **Phone**.
- On the steering wheel, press the [📞] button.

2 On the Bluetooth Call screen, touch ✉.

3 Select a message from the list.

4 Check the message.

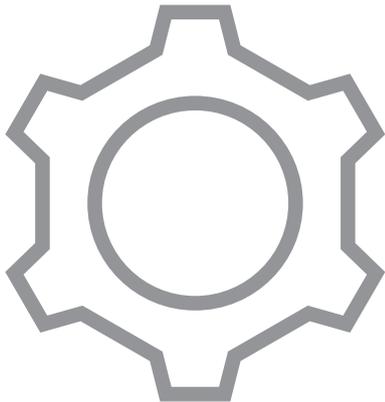❶ Used to return to the previous screen.

❷ Used to select a message registered in the system for sending a brief reply message.

❸ Used to make a call to a message sender.

❹ Used to move to the previous or next message.

5 The list of menu items appears.

- **Message settings**: Displays the message settings screen.
- **Bluetooth settings**:Can change the Bluetooth settings.

08
Settings

Configuring the sound settings

You can change the sound settings such as speaker volume and sound effects.

✐ Available settings may differ depending on the vehicle model and specifications.

✐ Some functions may not be available depending on the multimedia system and amplifier specifications in the vehicle.

1 On the All menus screen, touch **Settings ▶ Sound**.

   The sound settings screen appears.

2 Configure the settings required:

Turning on/off the screen touch sound

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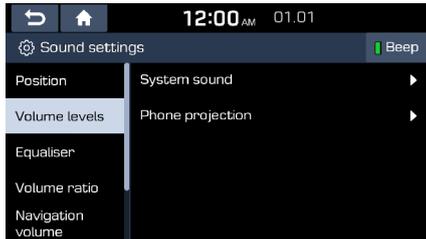

Position

You can select a position where sound is more audible in the vehicle. By touching the desired point on the seat image or touching the arrow buttons, you can finely adjust the position. To concentrate the sound to the centre of the vehicle, touch ⊕ .

Volume levels

You can adjust the volume for each system function including phone projection.

System sound

You can adjust the volume for each system function and return all volume settings to defaults, if necessary.

✐ To return all system sound settings to defaults, touch **Default**.

Phone projection

You can adjust the volume of the phone projection and return all volume settings to defaults, if necessary.

✐ To return the volume of the desired phone projection to the default, touch **Default** next to the function name.

Equaliser

You can adjust the sound by adjusting the strengths (output levels) for each audio band: Bass, Midrange, and Treble. You can also return the output levels for all audio bands to defaults, if necessary.
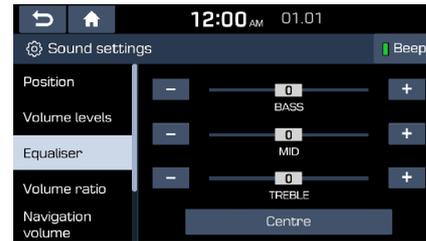
✐ To return the output levels for all audio bands to the defaults, touch **Centre**.

Volume ratio

You can configure the settings so that a specific sound is more audible over other sounds.

- **Proximity Warning**: When warning sound is generated while parking, the audio volume is decreased to make the sound audible.
- **Start-up Volume Limit**: Can set to automatically decrease the audio volume to an adequate level when turning on the vehicle.

Advanced

You can change the system sound settings and apply various sound effects.

✎ Available sound effects may differ depending on the specifications of the amplifier.
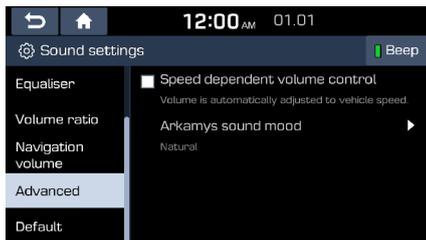
Speed dependent volume control

You can set the system to automatically increase the audio volume when the vehicle speed increases.

Default

You can reset all sound settings to defaults.
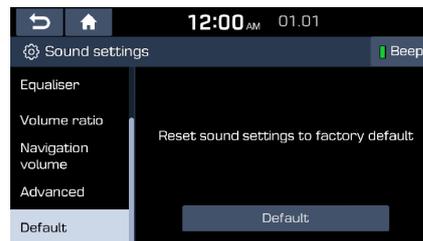
Device connection settings

You can manage Bluetooth devices or configure their operation settings. You can also activate the phone projection so that you can control the smartphone applications on the system screen after connecting the smartphone to the system.

1 On the All menus screen, touch **Settings ▶ Device Connection**.

The device connection settings screen appears.

2 Configure the settings required:

Bluetooth

You can register or delete a Bluetooth device for the system and connect or disconnect a registered device. You can also configure operation settings such as notifications, messages, and other settings for Bluetooth devices.

- For more information on how to use the Bluetooth functions:
  ▶ see "Connecting a Bluetooth device."

- Some setting options appear when a smartphone is connected to the system.

- The auto-reply messaging may not be available depending on the smartphone model.

- To edit or delete a message, pull over the vehicle at a safe place and access the messaging function on your smartphone. You cannot edit or delete a message from the system.

- When an iPhone is connected to the system, there are some restrictions when receiving messages as follows:
  - Only the sender name appears when the sender information is saved.
  - Otherwise, only the phone number appears.
  - You cannot use the auto-reply message function.
  - When the incoming message notification or lock-screen view option is off, messages cannot be received.

- The message reader function may not be supported depending on the system language.

Connection settings

You can register or delete a Bluetooth device from the system and connect or disconnect a registered device.

- You can add one Bluetooth hands-free kit or up to two Bluetooth audio devices.

Message settings

Predefined Messages: You can edit the auto-reply message that is automatically sent out after receiving a text message or receiving a phone call.

- This option may not be available in some phone models.

Bluetooth system info

You can see and edit the Bluetooth information of the system.

Factory settings

You can delete all Bluetooth devices registered on the system and return them to default settings. All data for Bluetooth devices are also deleted.

Android Auto

You can activate the Android Auto function to pair your Android smartphone with the system.
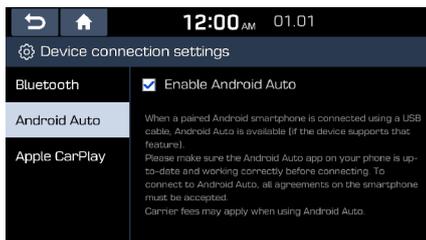
Apple CarPlay

You can activate the Apple CarPlay function to pair your iPhone with the system.

Configuring the general system settings

You can configure general settings for date, time, language, and the like. You can also check information of the system.

1 On the All menus screen, touch **Settings ▶ General**.

The general settings screen appears.

2 Configure the settings required:

Date/Time

You can set the system date and time automatically or manually. You can also set the time display mode.

- **GPS Time**: After receiving the time from GPS, it sets the system date and time automatically.

  ✎ To manually set the date and time, uncheck **GPS Time**, touch the current date and time below **GPS Time**, and then set the date and time.
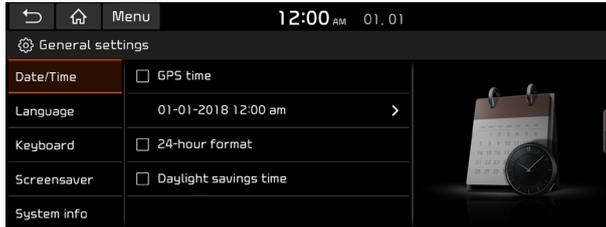
- **24-hour format**: The system time is displayed in the 24-hour format.

- **Daylight savings time**: Displays the system time in the format of Daylight Saving Time.

Language

You can set the system display language.
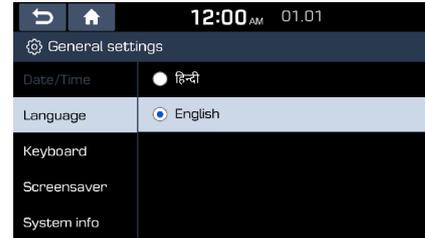
✎ Once the language has been changed, it takes a while to apply the new language to the system. The notification pop-up window appears as soon as the new language is applied to the system. When you wait a while or touch anywhere outside the pop-up window, the window automatically disappears.

✎ When you change the system language, it does not affect the display of other unique data such as MP3 music file name.

✎ Depending on the system language, the Bluetooth phone message view may not be supported.

Keyboard

You can change the keyboard type for each language to use when entering the text.
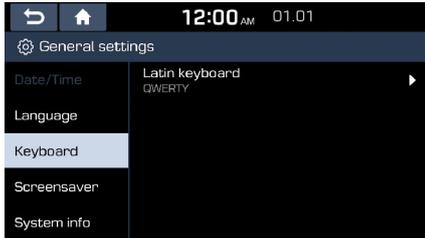
- **Keyboard type - Arabic**: Select a default keyboard type for Arabic.
- **Latin keyboard**: Can select the keyboard type to use when entering the English text.
- **Default keyboard**: Can select the keyboard type to use when entering the English text.

Screen Saver

You can select the items to display on the screen saver in standby mode.
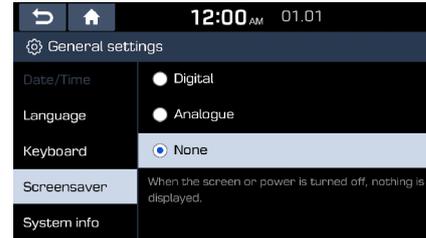
- **Digital**: Displays the digital clock and date on the system screen saver.
- **Analogue**: Displays the analogue clock and date on the system screen saver.
- **None**: Displays nothing on the system screen saver.

System info

You can check the system software version and storage space. You can also update the system software, use your smartphone to access the online user's manual of the system, or reset all system settings to default values.
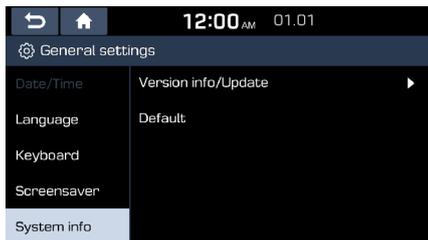
Version info/Update

You can see the versions of system components. You can also update the system to the latest version.

✎ For details on how to update the system software: ▶ see "Updating the system software and map."

Memory

You can check the storage space of the system memory where voice memos can be saved.

Manual

You can access the online user's manual of the system by scanning the QR code with your smartphone.

Default

You can return all system settings including general settings and navigation settings, to default values.

⚠ **Caution**

As soon as reset is performed, all system settings are changed to default values. At the same time, all user data in the system including the location data in the navigation system is deleted.

Configuring the display settings

You can change the system display settings such as display brightness and video aspect ratio.

1 On the All menus screen, touch **Settings ▶ Display**.

The display settings screen appears.

2 Configure the settings required:

Dimming

You can set the system to automatically adjust the display brightness depending on the ambient light intensity. You can also set the system to keep the display bright or dark all the time.

- **Auto-illumination**: The display brightness is automatically adjusted based on the surrounding environment.
- **Daylight**: It can be activated when **Automatic** is turned off. It keeps the display always bright regardless of the surrounding environment.
- **Night**: It can be activated when **Automatic** is turned off. It keeps the display always dark regardless of the surrounding environment.

Brightness

You can set the system to automatically adjust the display brightness depending on the cluster illumination. You can also set the level of display brightness to use while using the daytime or night mode.
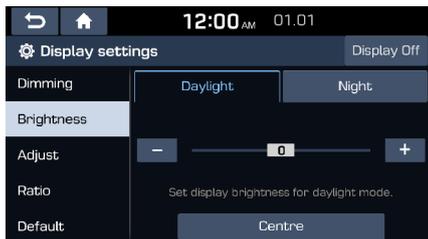
- **Use cluster knob**: The display brightness is automatically adjusted based on the cluster illumination.
- **Daylight**: Sets the display brightness when **Daylight** is selected under **Dimming**. Uncheck **User cluster knob** and then set to the desired brightness.
- **Night**: Sets the display brightness when **Night** is selected under **Dimming**. Uncheck **Use cluster** and then set to the desired brightness.

Adjust

You can adjust the video display brightness, contrast, or chroma.

- ✐ This function is enabled only when playing video.
- ✐ To return the settings for video display brightness, contrast, and chrome to default values, touch **Centre**.

Ratio

You can set the system to display video in the original aspect ratio or in full screen.

- ✐ This function is enabled only when playing video.
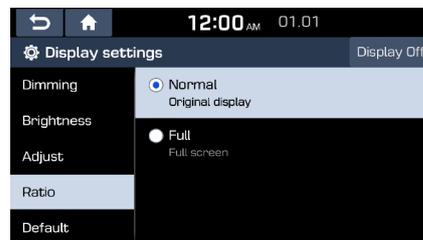
Default

You can return all display settings such as display aspect ratio during video playback and the display brightness, to default values.
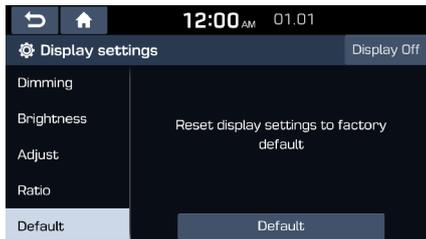
Updating the system software and map

You can update your multimedia system. Please visit your local dealership to update your system.

✐The regular map update schedule differs depending on the location and model. Be sure to contact the dealership for more information.

✐ Any changes after an update may not be reflected on the map. As a result, certain roads, buildings, and speed limits on the map may not be up to date.

✐ Depending on the total data amount, an update may take several minutes.

✐ Do not turn off the system or remove the storage device while the update is in progress. When power supply is cut off or the storage device is removed from the system, it may damage the data or cause a system malfunction.

MEMO

09

Troubleshooting guide

Solutions for each symptom

Solutions for each symptom

When you encounter a system trouble, see the following table to check and resolve the issue.

When the trouble persists even after taking the suggested actions, contact the company's service centre or service agency.

Sound and video issues

Symptom	Possible cause	Solution
A blank screen appears and sound is not audible.	The system is turned off.	• Check that the start switch is in "ACC" or "ON." • Press the [**PWR**] button to turn on the system.
	Sound volume is too low.	On the control panel, turn the [**VOL**] knob to adjust the volume.
	Sound is muted.	On the steering wheel, press the [🔇] button to make the sound audible.
Sound is audible from only one side of the speakers.	Sound is imbalanced.	On the All menus screen, touch **Settings ▶ Sound ▶ Position** and adjust the sound outputs for the left and right speakers.
The sound is cut off or noise is heard.	Vibration occurs in the system.	When the system vibrates, the sound may be cut off or noise may occur. This is not a system failure. The system is restored as soon as the vibration stops.

Symptom	Possible cause	Solution
The image quality is poor.	Screen adjustment is required.	• On the All menus screen, touch **Settings ▶ Display ▶ Brightness**, and then adjust the brightness. • On the All menus screen, touch **Settings ▶ Display ▶ Adjust**, and then change the colour settings.
	Vibration occurs in the system.	The images may get distorted when vibration occurs in the system. This is not a system failure. The system is restored as soon as the vibration stops.
	The display is aged or the system performance is degraded.	When the symptom persists, contact KIA Motors Company's service centre or service agency.
Small red, blue, and green dots are shown on the screen.		LCD has very high-density pixels. For this reason, there may be dead pixels (that are always off) or lit pixels (that are always on) within 0.01 percent of the total pixels.

USB playback-related issues

Symptom	Possible cause	Solution
Files in a USB device cannot be played.	There are no compatible files for playback	Copy the files that can be played by the system to the USB device and connect the device again. ▶ see "USB mode."
	Poor connection is found.	Remove the USB device from the multimedia USB port and then reconnect it properly.
	The USB device is infected by a virus or other malware.	Remove foreign materials from the surface that contacts the USB device and multimedia USB port.
	A USB hub or extension cable is used.	Connect the USB device directly to the multimedia USB port.
	The USB device is non-standard.	Use a USB device that is compatible with the system. ▶ see "USB mode."
	The USB device is damaged.	Use your computer to format the USB device and then connect the device again. Format the device in FAT16/32 format.

Bluetooth connection-related issues

Symptom	Possible cause	Solution
The system is not detected by a Bluetooth device.	Registration mode needs to be run.	On the All menus screen, touch **Settings ▶ Device Connection ▶ Bluetooth ▶ Connection settings ▶ Add new** to run the registration mode and perform search again from the Bluetooth device.
The Bluetooth device is not connected.	The Bluetooth function should be activated.	Activate the Bluetooth function on the Bluetooth device to connect.
	Any error occurs while using the Bluetooth function.	• Turn the Bluetooth function off and on on the Bluetooth device and then connect the device again. • Turn the Bluetooth device off and on and then connect the device again. • Remove the battery from the Bluetooth device and attach it back, turn on the device, and then connect the device again. • Delete the system and Bluetooth device from the registration lists respectively and then connect the device again.

Phone projection-related issues

Symptom	Possible cause	Solution
The phone projection function is not performed when a smartphone is connected using a USB cable.	Phone projection is not supported.	Visit the website to check whether your smartphone supports the phone projection. • KIA Motors Company website: www.kia.com • Android Auto: https://support.google.com/androidauto • Apple CarPlay: http://www.apple.com/ios/carplay
	The function is inactive.	• On the All menus screen, touch **Settings ▶ Device Connection**, select the function to use, and then turn on the phone projection option. • Make sure that the phone projection is not disabled in the application settings or block-out settings on your smartphone.
	Smartphone is encountered with poor operation or malfunction.	• Check that the smartphone battery level is not too low. Recognition may not work properly when the battery level is too low. • The phone projection may not work properly when the signal strength is weak. • When the smartphone is locked, first unlock it. • Reset the smartphone and connect the device again.
A black screen appears when the phone projection is activated or in use.	The smartphone malfunctions.	• Remove the USB cable from the smartphone and connect the device again. • Reset the smartphone and connect the device again.

System operation-related issues

Symptom	Possible cause	Solution
The previous media mode does not appear when the system is turned off and on.	It is encountered with poor media connection or playback error.	When the media source is not connected or played normally, the previous mode appears. Connect the media source again or play it again.
The system slows down or does not operate at all.	An internal error occurs in the system.	• Reset the system by pressing the reset button with a sharp object such as pen or clip. • Update the system software to the latest version. ▶ see "Updating the system software and map." • When the symptom persists, contact KIA Motors Company's service centre or service agency.
The system is not turned on.	Fuse-related issues	• Visit an auto service shop and replace the fuse with a new one of appropriate capacity. • When the symptom persists, contact KIA Motors Company's service centre or service agency.

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Appendix

System status indicator icons

You can see the system status by checking the status indicator icons at the top right of the system screen.

Different status indicator icons appear when each function is performed. The meanings of the icons are as follows:
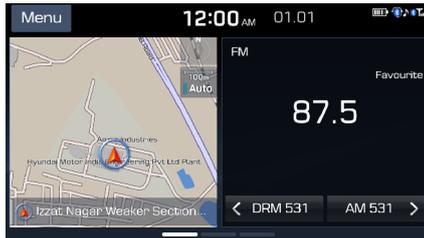
Mute/memo recording 🔊

Audio	AV sound muted
NAV Audio	All sound outputs muted

Bluetooth/call ❈

🔋	Battery level of the connected Bluetooth device
❈🎧	Connecting a phone via Bluetooth
❈♪	Connecting an audio device via Bluetooth
❈♪	Connecting a phone and an audio device via Bluetooth
📞❈	Making a call via a Bluetooth phone
❈🔇	Bluetooth phone's microphone off
📞↓	Downloading the list of recent calls from the connected Bluetooth phone
📇↓	Downloading the contact list from the connected Bluetooth phone

Signal strength

📶

📶	Bluetooth phone's signal strength

FAQ

Bluetooth

Q   Which functions can I use via Bluetooth?

A   You can use the hands-free call function with a mobile phone connected. You can also play music after connecting an audio device such as MP3 player or mobile phone. ▶ See"Making a call via Bluetooth.", "Listening to music via Bluetooth"

Q   How can I register a Bluetooth device?

A   On the All menus screen, touch **Settings ▶ Device Connection ▶ Bluetooth ▶ Connection settings ▶ Add new**. From the Bluetooth device to be connected, search for the vehicle system and register it. Use the Bluetooth device to enter or approve the authentication number displayed on the system. Then the device is added to the list of Bluetooth devices in the system and automatically connected to the system. ▶ see "Connecting a Bluetooth device."

Q I bought a new mobile phone and want to replace my old phone with the new one to connect the system. How can I register the new phone to the system?

A An additional device can be registered in the same way as in registration of a new device. You can register up to 6 devices in the list of Bluetooth devices. To delete a previously registered device, touch **Delete devices** from the list of Bluetooth devices, select the device to delete, and then touch **Delete**. ▶ see "Connecting a registered device."

Q How can I access the list of contacts while using a Bluetooth phone?

A Approve access to the contacts when connecting your mobile phone to the system via Bluetooth. The list of contacts on the phone is downloaded to the system. To see the downloaded list of contacts, press the [📞] button on the steering wheel and touch [🔢] on the call screen. You can search for a contact and make a call to the contact, or add the contact to the favourites. ▶ see "Dialing from the contacts."

Broadcast reception

Q I turned on the radio while driving but I hear no sound but noise.

A Depending on the location, obstacles may cause reception to deteriorate.

Radio reception rate may also drop when an on-glass antenna is mounted on the rear window and the window is tinted with metallic window films.

Self-inspection method upon failure

Q The system does not operate properly. What shall I do?

A Inspect the system after referring to Troubleshooting Guide. ▶ see "Solutions for each symptom."

When the system failure persists after inspection, press and hold the Reset button to reset the system.

When the symptom persists, contact KIA Motors Company's service centre or service agency.

Product specifications

Media player

USB mode

▌ Music files

Item	Specifications		
File format	MPEG-1/2 Layer3, OGG (Vorbis), FLAC, WMA (Standard/Professional), WAV		
Bit-rate and sampling frequency	MP3	8–320 kbps (CBR/VBR), up 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, up to 48 kHz	
	FLAC	8/16/24-bit, up to 48 kHz	
	WMA	Standard (0x161): up to L3 Profile, up to 385 kbps, up to 48 kHz	
		Professional (0x162): up to M0b, up to 192 kbps, up to 48 kHz	
	WAV	8/16 to bit, up to 48 kHz	

Item	Specifications
Specification details	Max. number of directory layers: 20 layers
	Max. folder/file name length: 255 Bytes
	Valid characters that can be used in a folder/file name: 2,350 Alphanumeric characters/4,888 Chinese characters
	Max. number of folders: 2,000 (including the root)
	Max. number of files: 8,000 Channels

▌ Video files

Item	Specifications
File format	AVI, MPEG, WMV
File extension	avi, divx, mpg, mpeg, mp4, wmv, asf
Resolution	1280 x 720
Video codec	DivX3/4/5/6, XviD, MPEG-1/4, H264, WMV9
Audio codec	MP3, OGG, WMA
Subtitle	SMI, SRT

- ✐ The following files are not played.
  - Modified files (format-changed files)
  - Variant files (e.g. MP3 files encoded by WMA audio codec)
  - DRM (Digital Rights Management)-protected files
  - Files with no index
- ✐ The display specifications, playback specifications, and other specifications of the DivX file comply with the authentication standards of DivX.
- ✐ Sound quality is not guaranteed in case of music files that use the bit-rate exceeding 192 kbps.
- ✐ With the files that do not use the fixed bit rate, some functions may not work properly or the playback time may not appear accurately.
- ✐ When a trouble occurs while playing or you want to play an incompatible format file, use the latest encoder software to change the format before using the file.

▌USB storage devices

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

- ✐ With the USB storage devices that are not equipped with a plug-type connector (metal cover type), proper operation is not guaranteed.
  - USB storage devices with a plastic plug may not be recognised.
  - USB memory cards (e.g. CF cards, SD cards) may not be recognised.
- ✐ Problems that are caused by using USB storage devices (not specified in the following list), are not covered by the warranty.

Product name	Manufacturer
XTICK	LG
BMK	BMK Technology
SKY-DRV	Sky Digital
TRANSCEND JetFlash	TranScend
Sandisk Cruzer	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	DIGI Works

- ✐ USB hard drives may not be recognised.
- ✐ When using a USB mass storage device divided into logical drives, only the files saved in the first drive can be played.
- ✐ When a USB storage device has some applications, media files may not be played.

Common specifications

Item	Specifications
Power supply	DC 14.4 V
Operating voltage	DC 9-16 V
Dark current	Below 1 mA in average within 45 days
Operating temperature range	-20 to +70 ℃

Display

Item	Specifications
Display size	AV body unit - 8 inch (176.64 x 99.36 mm)
Number of pixels	AV unit - 921600 pixels (resolution: 1280 x 720)
Drive system	TFT (Thin Film Transistor) active matrix system
Viewing angle	AV unit - Horizontal/vertical: 89°
Internal lighting	LED

Radio

Item	Specifications
Available channels	FM: 87.5–108.0 MHz (step: 100 kHz)
	AM: 531–1602 kHz (step: 9 kHz)
Sensitivity	FM: Within 10 dBuV
	AM: Within 40 dBuEMF
Distortion factor	Within 2 %

Bluetooth

Item	Specifications
Frequency range	2402-2480 MHz
Supported Bluetooth version	3.0
Supported profiles	Hands-free (1.7), A2DP (1.3), AVRCP (1.6), PBAP (1.1), MAP (1.2)
Bluetooth Power Class 2	-6 to 4 dBm
Number of channels	79

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- To use the Bluetooth® radio technology, make sure your mobile phone supports the Bluetooth® communication.

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- Apple®, Apple CarPlay™, iPad®, iPad mini™, iPhone®, iPod®, iPod classic®, iPod nano®, iPod touch®, and iTunes® are registered trademarks of Apple Inc.

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.

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.

Caution: Any changes or modifications to this device not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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 collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.