



# Radio



# Turning on the radio

You can scan radio channels by using various options. Save your favourite channels to the presets list.



## Perform any of the following methods.



- On the All menus screen, press **Radio**.
  - On the control panel, press the **[RADIO]** button.
-  When multiple media are connected, press the **[RADIO]** or **[MEDIA]** button once more and then press the desired media source from the Radio/Media selection window (if equipped).
-  The displayed screen or menu items may differ, depending on the vehicle model and features.

## Radio screen

The radio screen provides various functions while listening to radio broadcasts.



- 1 Returns to the previous step.
- 2 Radio broadcast information
- 3 Can change the radio mode.
- 4 Can change the frequency. Shortly press to switch to the previous/next frequency one at a time and press and hold to quickly change the frequency. When you release the  or  button, the previous or next channel with good reception is automatically selected (if equipped).
- 5 Show information about the radio channel you are currently tuned in to.

- 6** Activate the HD Radio mode.
  - 7** You can delete or save the current frequency to the presets list.
  - 8** Can see the list of available radio stations (if equipped).
  - 9** Can turn on or off the split screen mode.
  - 10** Presets list.
  - 11** This list of menu items appears.
    - Station List: Can see the list of available radio stations.
    - Manual tune FM(Available only with FM): Select a broadcast of your choice after listening briefly to broadcasts from different radio FM stations.
    - Scan: This function scans all stations and plays only stations with good signal strength for 5 seconds each.
    - Delete favourites: Can delete a registered channel from the favourites list.
    - TA: TA function allows the system to switch to Traffic Announcement (TA) from the current source. Traffic programmes and announcements can be automatically received by using TA features.
    - Regional: Displays the Regional.
    - Sound setting: Displays the system sound settings screen.
    - Split screen: Can turn on or off the split screen mode.
-  The screen may differ depending on the vehicle model and specifications.
-  The sound effect settings button may appear on the screen depending on the amp specifications.


## Changing the radio mode

### Perform any of the following methods:

- On the **Radio** screen, press Radio Mode button repeatedly.
- On the control panel, press the **[RADIO]** button repeatedly.

The radio mode changes in the order of **FM** > **AM** > **FM**.





 The screen may differ depending on the vehicle model and specifications.

## Changing the radio channel


### Perform any of the following methods:

You can listen to the changed radio broadcast.

- On the **Radio** screen, press the desired channel from the presets list.
  -  You can also change the channel by using the Move lever / button on the steering wheel.
- On the control panel, press the **< SEEK/TRACK >** button. You can move to the previous or next channel with good reception (if equipped).
  -  If any Search knob on the control panel, you can also change the frequency by using the knob.

### Using the scan function

You can listen to each broadcast briefly and select a desired one.

1. On the Radio screen, press  > **Scan**.
2. When you find the desired broadcast, press the radio screen.  
You can continue listening to the scanned channel.


## Saving radio channels

You can save a specific radio station's channel and easily access the channel.


While listening to a broadcast, press  on the screen.

The current channel is added to the presets list.

 Alternatively, on the **Radio** screen, press  > Station List and press  of the channel you want to save. The channel is saved to the preset list.

 You can register up to 24 channels.



 The screen may differ depending on the vehicle model and specifications.

## Editing the radio channel list

### Deleting a registered channel

1. At the upper left of the **Radio** screen, press  > **Delete Presets**.

2. Select the channel th delete and press **Delete** > **Yes**.

The channel is deleted and the preset list is emptied.

 When the current channel is already assigned to the presets list, press  to remove the channel from the list.

# Listening the HD Radio™

You can listen to radio from HD Radio stations when they are available.

## Perform any of the following methods.

- On the **Radio** screen, press .

When HD Radio signals are received, the radio switches from the analog mode to the HD mode.



- ✎ The screen may differ depending on the vehicle model and specifications.
- ✎ In HD mode, the buttons for HD Radio stations appear at the top of the radio screen. Press a button to select any available HD Radio station.
- ✎ HD Radio is available only in metropolitan areas.

## HD Radio™ Technology



### Program Info

Program Info provides song name, artist, station ID, and other relevant data to the receiver.

### Digital Sound

HD Radio broadcasts deliver crystal clear digital audio quality to consumers.

### HD2/HD3

Adjacent to traditional main stations are HD2/HD3 Channels, providing new original formats on the FM dial.

### Artist Experience:

Visual images, such as album art and station logos, of over-the-air broadcasts from HD Radio stations.

HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. For patents see <http://dts.com/patents>. HD Radio, Artist Experience, and the HD, HD Radio, and "ARC" logos are registered trademarks or trademarks of iBiquity Digital Corporation in the United States and/or other countries.

# Phone





## Connecting a Bluetooth device

Bluetooth is a short-range wireless networking technology. The Bluetooth communication function allows you to exchange data by connecting a Bluetooth device another neighboring Bluetooth device without a cable connection. With this function, you can use different types of devices more efficiently.

To make a phone call or play audio from a Bluetooth device, check the following first.

- For a device that is not registered to the system, > see "Registering a device."
- A registered device will automatically connect to the system when you bring it near the system. If it does not automatically connect, > see "Disconnecting a registered device."




### 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 during the operation of the vehicle.
- Park the vehicle at a safe place before connecting a Bluetooth device to the system. It may take the driver attention off the road and cause a traffic accident which can result in damages, injuries, and/or death.

## Registering a device

To connect a Bluetooth device to the system, first add the device to the list of Bluetooth devices on the system.

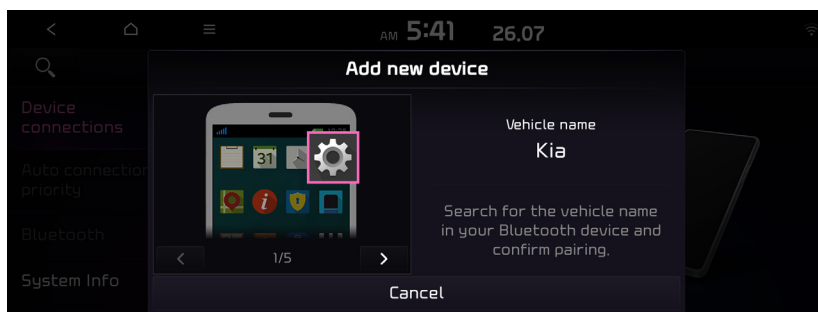
 The screen may differ depending on the vehicle model and specifications.

1. On the All Menus screen, Press **SETUP** > **Device connections** > **Device connections** > **Add new**.


 To register a device for the first time, press the Call button on the steering wheel or by pressing **Phone** on the All Menus screen.


2. Turn on Bluetooth on the Bluetooth device to connect and select the vehicle system on the list of searched devices.


 The system's Bluetooth name can be seen on the Add new Device window.



3. Check that the authentication code on the Bluetooth device screen matches the one on the system screen and approve the connection on the device.
4. When your smartphone is using Bluetooth communication, to download contacts from the phone to the system or use the text message notification allow access to your phone.

 After the access request is approved, it may take a while until the Bluetooth connection is completed. As soon as the Bluetooth connection is completed, the Bluetooth connection indicator icon appears at the top of the screen.

 Access to data can be enabled or disabled by using the Bluetooth Settings menu on the mobile phone. For more details, refer to the mobile phone's user manual.

 In order not to use the automatic Bluetooth connection, turn off the Bluetooth function on the device. To use this function again, turn on the Bluetooth function on the device.

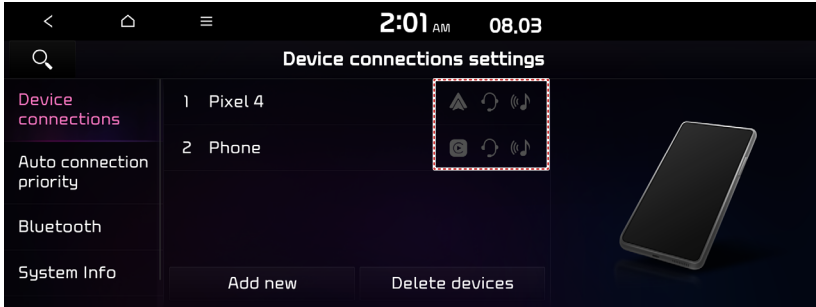
 You can add Bluetooth devices up to 6.


## Connecting a registered device


To use a Bluetooth device, first connect a registered Bluetooth device to the system.

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

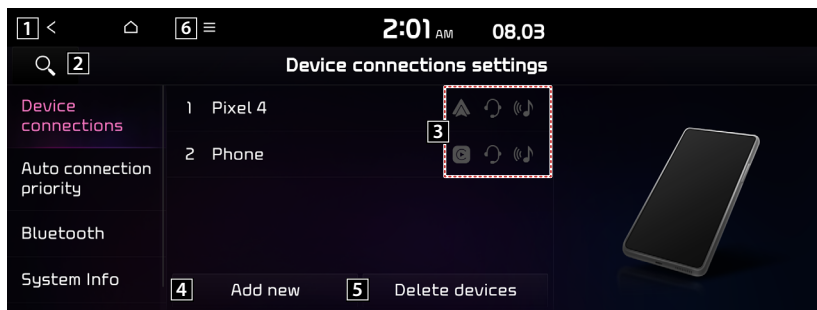
1. On the All Menus screen, Press **SETUP** > **Device connections** > **Device connections**.
2. Press the icons to connect.



 If you cannot connect your device, check to make sure its Bluetooth option is enabled.

 When the connection is terminated abnormally due to being out of range or device failures, the connection is automatically restored as soon as the device returns to the connection range or normal state.

## Bluetooth connection screen



- 1** Returns to the previous step.
- 2** Search for a setting item by entering a keyword.
- 3** Select hands-free or Bluetooth audio to connect or disconnect Bluetooth devices.
- 4** Add a new device to the system.
- 5** Delete a registered device from the system.
- 6** The list of menu items appears.
  - Phone projection settings: Change the setting related to phone projection (if equipped).
  - Setting search: Search for a setting item by voice or by entering a keyword.

## Disconnecting a registered device

1. On the All Menus screen, Press **SETUP** > **Device connections** > **Device connections**.
2. Press the connected icons.

## Deleting a registered device

1. On the All Menus screen, Press **SETUP** > **Device connections** > **Device connections** > **Delete devices**.
2. Select a device to delete and press **Delete**.  
To delete all registered devices, press **Mark All** > **Delete**.
3. Press **Yes**.

 When you delete a registered device, all related contacts, call logs, and text messages are removed from the system.

## Making a call via Bluetooth

You can connect a Bluetooth device with the hands-free function to use a Bluetooth phone. The Bluetooth connection allows you to view call details directly from the system screen, and to make calls safely and easily use your vehicle microphone and speaker.




### Warning

- Park the vehicle at a safe place before connecting a Bluetooth device to the system. It may take the driver attention off the road and cause a traffic accident which can result in damages, injuries, and/or death.
- While driving, do not make a call by dialing a phone number or do not pick up your phone to talk. Distraction by the use of a mobile phone may cause you not to recognize 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.


## Dialing from the recent call list

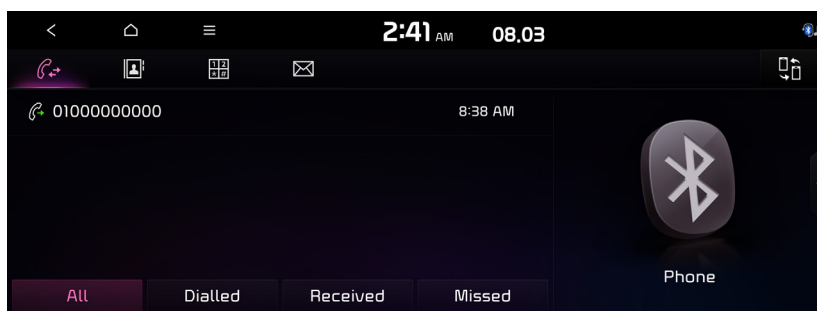
Make calls directly from call history of your mobile device.







When you connect your mobile device and system over Bluetooth, the list of recent calls from the device will be downloaded to the system and you can call them again by selecting them from the system screen. Your vehicle has a built-in microphone and speaker that make using mobile phones safe and easy.

1. Perform any of the following methods.
  - On the All Menus screen, press **Phone**.
  - On the steering wheel, press the Call button.
2. On the Bluetooth Call screen, press .
3. Choose a name from the list.

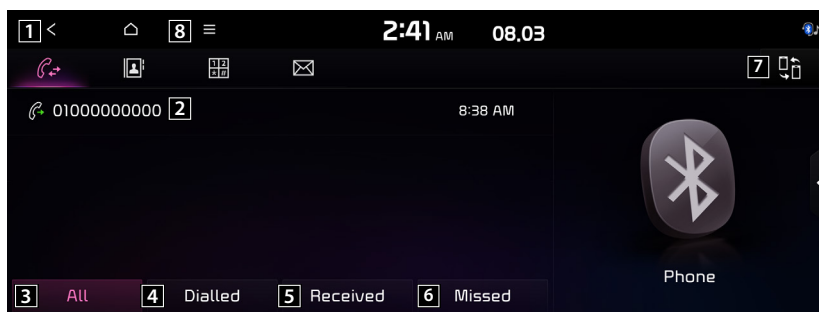
The system dials the selected number.


 You can also move to a desired number by using the Move lever/button on the steering wheel without pressing on the screen.



-  The download may not work in some phone models.
-  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 a Bluetooth connection. > See "Accepting an incoming call over Bluetooth."

## Recent calls list screen




- 1** Returns to the previous step.
  - 2** View a list of recent calls downloaded to the system from the device.
  - 3** View all recent calls.
  - 4** View only dialed calls in the list.
  - 5** View only received calls in the list.
  - 6** View only missed calls in the list.
  - 7** Find and connect other Bluetooth devices.
  - 8** The list of menu items appears.
    - Download: Download the list of recent calls from the connected mobile device.
    - Privacy mode: Activate privacy mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
    - Change device: Find and connect other Bluetooth devices.
    - Split screen: Can turn on or off the split screen mode.
-  The displayed name may differ depending on the vehicle model and specifications.

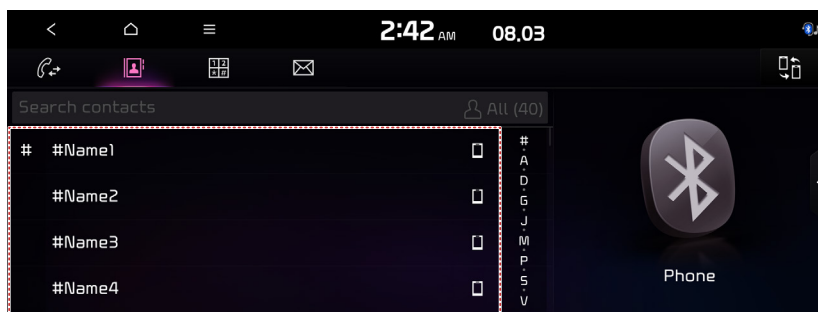










## Dialing from the contacts

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 make using mobile phones safe and easy.

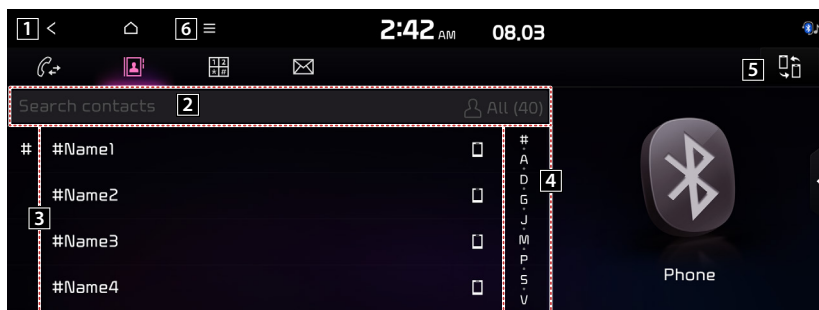
1. Perform any of the following methods.
  - On the All Menus screen, press **Phone**.
  - On the steering wheel, press the Call button.
2. On the Bluetooth Call screen, press .
3. Select a contact from the list.  
The system dials the selected contact.



-  You can download only the contacts that can be displayed on the connected Bluetooth device. The contacts may not appear in some Apps.
-  You can download up to 5,000 contacts for each device.
-  The download may not work in some phone models.
-  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 a Bluetooth connection. > See "Accepting an incoming call over Bluetooth."

## Contacts list screen



- 1** Returns to the previous step.
  - 2** Enter a contact's name or phone number to search the list.
  - 3** View a list of contacts downloaded to the system from the device.
  - 4** Use the index to quickly find the contact you are looking for.
  - 5** Find and connect other Bluetooth devices.
  - 6** 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.
    - Privacy mode: Activate privacy mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
    - Change device: Find and connect other Bluetooth devices.
    - Split screen: Can turn on or off the split screen mode.
- ✎ The displayed name may differ depending on the vehicle model and specifications.



## Dialing using the dial pad

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


When you connect your mobile device with the system via Bluetooth, you can enter and dial a phone number from the system screen. without interacting with the device. Your vehicle has a built-in microphone and speaker that make using mobile phones safe and easy.

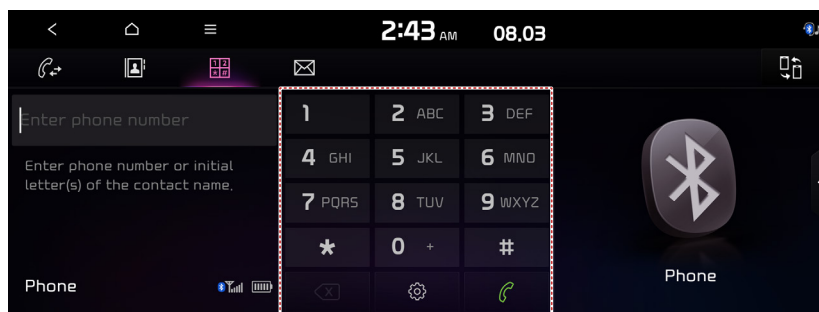
### **Warning**


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

1. Perform any of the following methods.
  - On the All Menus screen, press **Phone**.
  - On the steering wheel, press the Call button.
2. On the Bluetooth Call screen, press .
3. After entering a phone number, press .

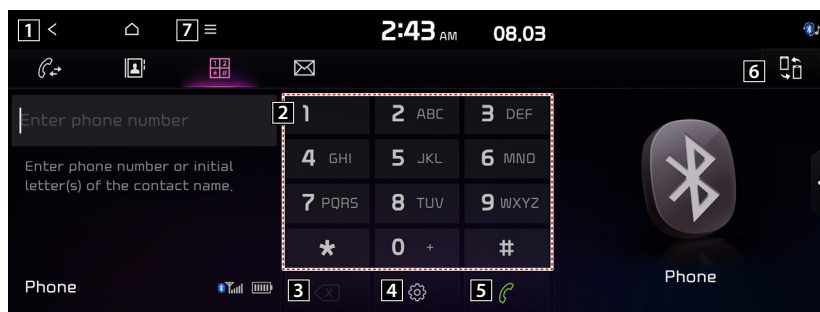
A call is connected to the entered phone number.

 When contacts are on the system, search for the desired contact by entering the initial letters or number on the dial pad.



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

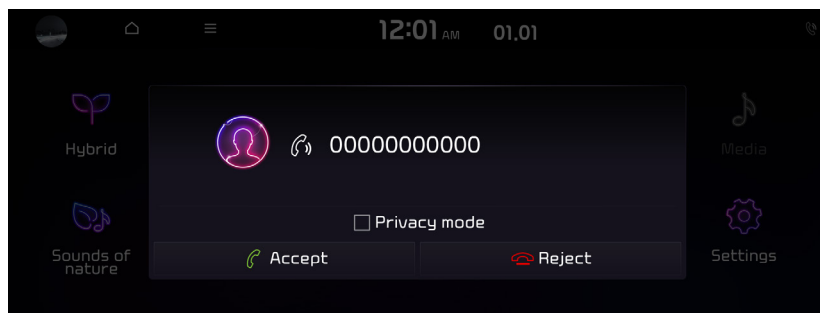
## Dial pad screen



- 1** Returns to the previous step.
  - 2** Use the dial pad to enter phone numbers.
  - 3** Delete an entered number.
  - 4** Can configure the Bluetooth connection settings.
  - 5** Press 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.
      - Pressing this button will display the most recently dialed numbers in the filed.
      - Press and hold this button to automatically call the most recently dialed number.
  - 6** Find and connect other Bluetooth devices.
  - 7** The list of menu items appears.
    - Privacy mode: Activate privacy mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
    - Change device: Find and connect other Bluetooth devices.
    - Split screen: Can turn on or off the split screen mode.
- ✎ The displayed name may differ depending on the vehicle model and specifications.

# 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 methods.

- Press **Accept** on the screen.
- On the steering wheel, press the Call button.

## **Warning**


- Park the vehicle at a safe place before connecting a Bluetooth device to the system. It may take the driver attention off the road and cause a traffic accident which can result in damages, injuries, and/or death.
- Do not talk on your mobile device while driving. Distraction by the use of a mobile phone may cause you not to recognize 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 calls as short as possible.

 If your mobile phone is connected to the system and you make a call while stepping out of the vehicle, the call may be heard through the vehicle's speakers. 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 methods.

- Press **Reject** on the screen.
- On the steering wheel, press the End Call button (if equipped).
- On the steering wheel, press the and hold the Call button (if equipped).

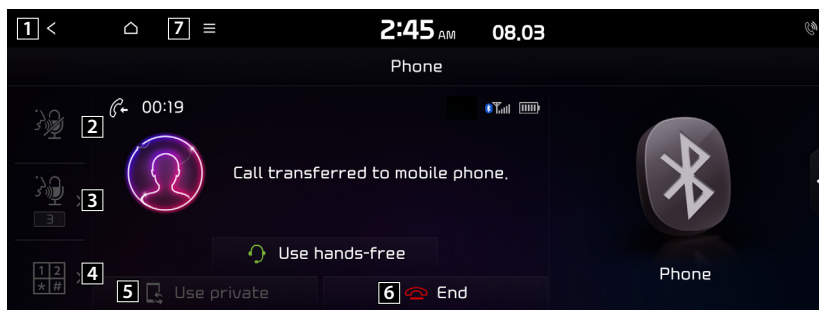
 To reject by sending a call-reject message, press **Message**. From the list, select the call-reject message and press **Send**.

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

## Using functions during a call

During a call, the following screen appears.

Press to use the available options.



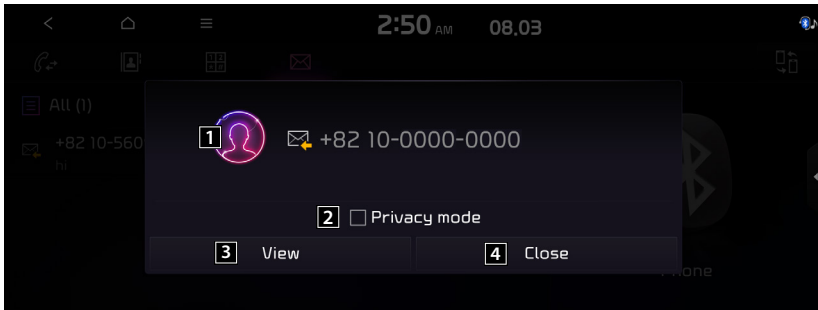
- 1** Returns to the previous step.
  - 2** Used to turn on or off the microphone mute function.
  - 3** Can adjust the microphone volume.
  - 4** Displays or hides the dial pad screen.
  - 5** Used to switch the call to the mobile phone. This option may not be available in some phone models.
  - 6** Used to end a call.
  - 7** The list of menu items appears.
    - Split screen: Can turn on or off the split screen mode.
- 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 surrounding. Setting the volume to 30 or lower is recommended.
- When the caller is in the contact list, the caller's name and phone number of the caller are displayed. Otherwise, only the phone number appears.
- During a call with a Bluetooth connection, you cannot switch to another screen such as Radio/Media mode.
- Depending on the phone model, the call volume of the other party may differ.
- Depending on the phone model, the smartphone number may not appear.

# Checking new messages over Bluetooth

After connecting a mobile phone via Bluetooth, you can check the received messages through the system screen and listen to voice messages converted from the next 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 new messages

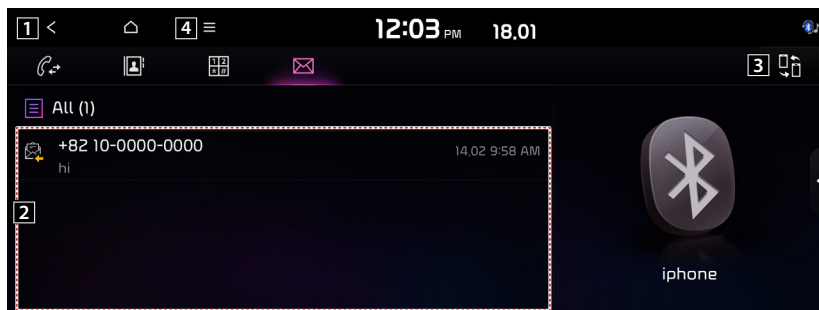
When a message is received, the new message notification window appears. To check the message, press **View**.



- 1** View caller details.
  - 2** Activate privacy mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
  - 3** Can see the message details.
  - 4** 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.
  - The screen display may differ depending on the mobile phone model.




## Bluetooth message screen

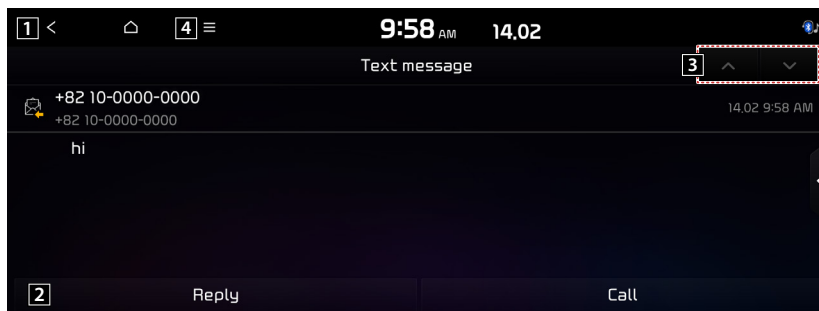






- 1** Returns to the previous step.
- 2** View the list of received messages.
- 3** Find and connect other Bluetooth devices.
- 4** The list of menu items appears.
  - Privacy mode: Activate privacy mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
  - Change device: Find and connect other Bluetooth devices.
  - Bluetooth settings: Can change the Bluetooth settings.
  - Split screen: Can turn on or off the split screen mode.

 The displayed name may differ depending on the vehicle model and specifications.

## Checking new messages from the list

1. Perform any of the following methods.
  - On the All Menus screen, press **Phone**.
  - On the steering wheel, press the Call button.
2. On the Bluetooth Call screen, press .
3. Select a message from the list.
4. Check the message.



- 1 Returns to the previous step.
  - 2 Reads out the message through the speakers in the vehicle.
    - Replay: Used to select a message registered in the system for sending a brief reply message.
    - Call: Used to make a call to a message sender.
  - 3 Used to move to the previous or next message.
  - 4 The list of menu items appears.
    - Split screen: Can turn on or off the split screen mode.
-  The auto-reply messaging may not be available depending on the smartphone model.
-  To edit or delete a message, park 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.
  - When the sender information is not saved, 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.

# Hybrid

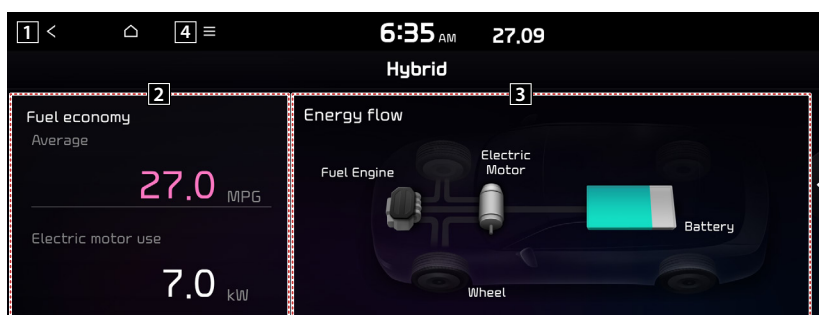


# Using the Hybrid menu (HEV only)


You can see the fuel economy and energy flows of the vehicle.  
On the All Menus screen, press **Hybrid**.

## Hybrid screen (HEV only)

The Hybrid screen provides the following features and information.



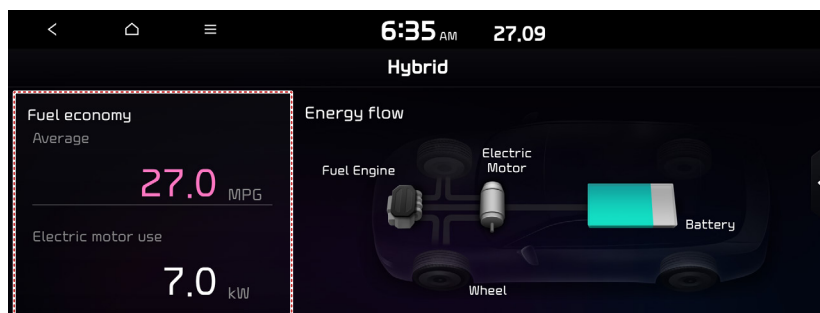
- 1 Returns to the previous step.
- 2 Can see the average fuel economy and electric motor usage of the vehicle.
- 3 Can see the energy flows for each component while driving.
- 4 The list of menu items appears.
  - Split Screen: Can turn on or off the split screen mode.

 Depending on vehicle model or specifications, the screen layout and available options may differ.

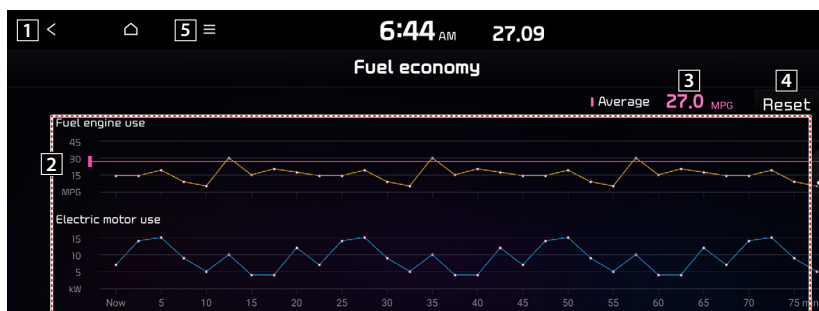
## Viewing the fuel economy information (HEV only)

You can see the fuel economy of the vehicle.

On the **Hybrid** screen, press **Fuel Economy**.



### Fuel economy information screen



- 1 Returns to the previous step.
  - 2 Can see the graphs for hybrid fuel economy and electric motor usage.
  - 3 Can see the average fuel economy of the vehicle.
  - 4 Can initialize all fuel economy graphs.
  - 5 The list of menu items appears.
    - Split screen: Can turn on or off the split screen mode.
- The graphs are updated every 2.5 minutes. When you stop the vehicle, the graphs are initialized.
- The average fuel economy is the average fuel economy accumulated after fueling. Accordingly, even when the graph is initialized, the information is maintained.

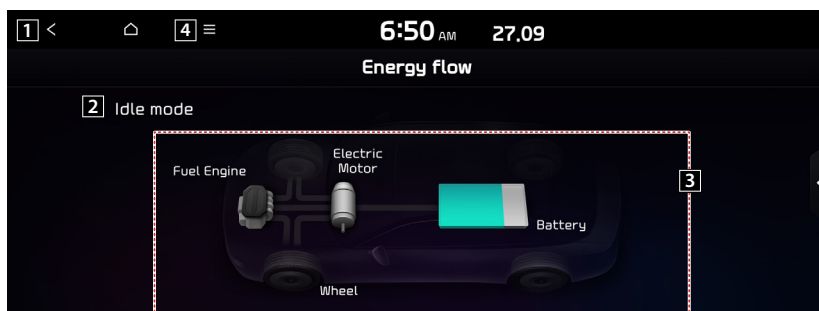
## Viewing the energy flow (HEV only)

You can see the energy flows of the vehicle.

On the **Hybrid** screen, press **Energy Flow**.



### Energy flows screen



- 1 Returns to the previous step.
- 2 Can see the driving status of the vehicle.
- 3 Can see the energy flows among the engine, motor, and battery.
- 4 The list of menu items appears.
  - Split screen: Can turn on or off the split screen mode.