

- 4 To set a phone number as a favorite, press the  button next to it.

The phone number is now added to your favorites list.

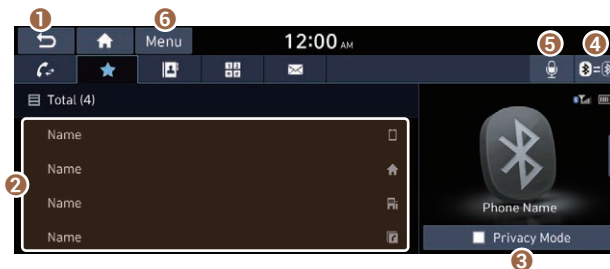


- 5 Choose a contact from the list.

The system dials the selected contact.

- ✎ You can add up to 10 favorite contacts for each device.
- ✎ 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 a Bluetooth connection. ► See "Accepting an incoming call over Bluetooth."

Favorites screen



- 1 Returns to the previous step.
- 2 View a list of favorite contacts.
- 3 Activate the lock mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
- 4 Find and connect other Bluetooth devices.
- 5 Make a phone call using voice recognition. ► See "Dialing with voice recognition."

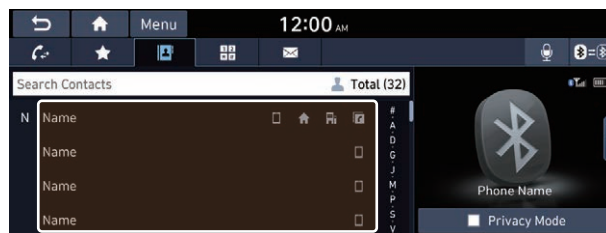
- 6 The list of menu items appears.
- **Add New/Edit:** Add a new contact or edit the favorites list from downloaded contacts.
 - **Delete:** Delete a contact from the favorites list.
 - **Privacy Mode:** Activate the lock mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
 - **Bluetooth Settings:** Can change the Bluetooth settings.
 - **Change Device:** Find and connect other Bluetooth devices.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

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.

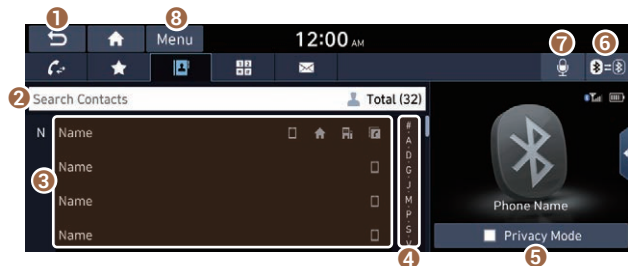
- 1 Perform any of the following methods:
 - On the All Menus screen, press **Phone**.
 - On the steering wheel, press the Call button.
 - 2 On the Bluetooth Call screen, press .
 - 3 Select a contact from the list.
- The system dials the selected contact.



- ✎ You can download only the contacts that can be displayed on the connected Bluetooth device. The contacts may not appear in some applications.
- ✎ 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. You can also search for a contact by pressing  and saying the contact's name or phone number.
- 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 Activate the lock mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
- 6 Find and connect other Bluetooth devices.
- 7 Make a phone call using voice recognition. ► See "Dialing with voice recognition."

- 8 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 the lock mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
 - **Bluetooth Settings:** Can change the Bluetooth settings.
 - **Change Device:** Find and connect other Bluetooth devices.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

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 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 cope with unexpected situations. As a result, a traffic accident may occur.

1 Perform any of the following methods:

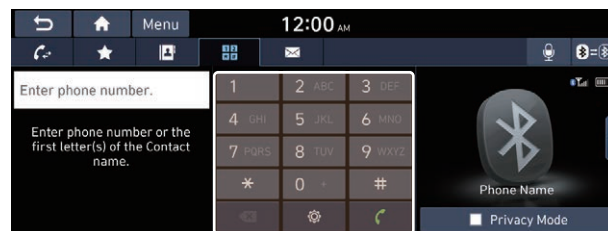
- On the All Menus screen, press **Phone**.
- On the steering wheel, press the Call button.

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. (e.g. John Doe ► JD).



-  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 field.
- Press and hold this button to automatically call the most recently dialed number.

- 6 Activate the lock mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
- 7 Find and connect other Bluetooth devices.
- 8 Make a phone call using voice recognition. ► See "Dialing with voice recognition."
- 9 The list of menu items appears.
 - **Privacy Mode:** Activate the lock mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.
 - **Bluetooth Settings:** Can change the Bluetooth settings.
 - **Change Device:** Find and connect other Bluetooth devices.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

Dialing with voice recognition

When you connect your mobile device to the system via Bluetooth, contacts from the device are downloaded to the system, and you can choose to call them using voice recognition.

 To call using voice recognition, there must be contacts stored on the system.

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 .

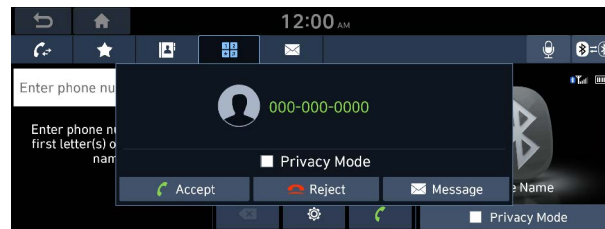
3 When a guiding beep is heard, say the name of the contact to make a phone call.

The system dials the selected contact.

 In case of the dial pad screen, press  say the phone number to make a call.

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

- Pull over the vehicle at a safe place before connecting your mobile phone. 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 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 methods:

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

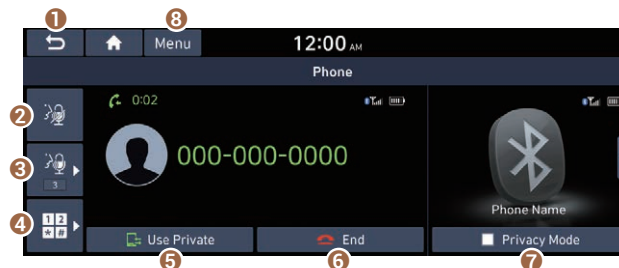
 To reject by sending a call-reject message, press **Message**. From the list, select the call-reject message and press **Send**.

 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 Can turn off the microphone so that the other party cannot hear you.
- 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 Activate the lock mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on.

8 The list of menu items appears.

- **Privacy Mode:** Activate the lock mode to protect personal data. The data downloaded from the mobile phone stays hidden while this mode is on (if equipped).
- **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 surroundings. 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.

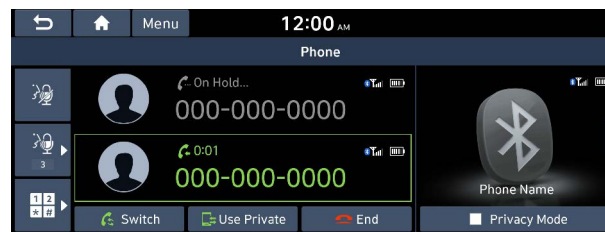
✎ Depending on the phone model, the telephone number may not appear.

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 original call is put on hold.

To switch between two calls, use either option.

- Press **Switch**.
- Press a displayed phone number.



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

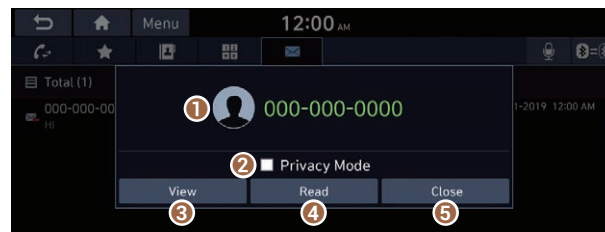
Checking a new message over Bluetooth

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

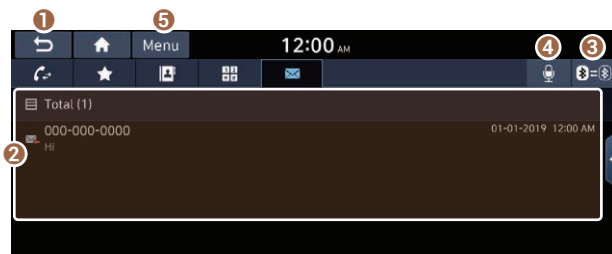
When a message is received, the new message notification window appears.

To check the message, press **View**.



- ① View caller details.
 - ② Activate the lock 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 Reads out the message through the speakers in the vehicle.
 - ⑤ 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.

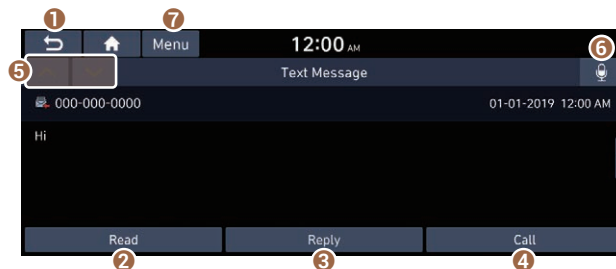
Bluetooth message screen



- ❶ Returns to the previous step.
- ❷ View the list of received messages.
- ❸ Find and connect other Bluetooth devices.
- ❹ Can text a message by using the voice recognition.
▶ See "Sending a text by using the voice recognition."
- ❺ The list of menu items appears.
 - **Message Settings:** Displays the message settings screen (if equipped).
 - **Privacy Mode:** Activate the lock 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.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

Checking a new message 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.



- ❶ Returns to the previous step.
- ❷ Reads out the message through the speakers in the vehicle.
- ❸ Used to select a message registered in the system for sending a brief reply message.
- ❹ Used to make a call to a message sender.

- ⑤ Used to move to the previous or next message.
- ⑥ Can text a message by using the voice recognition. ► See "Sending a text by using the voice recognition."
- ⑦ The list of menu items appears.
 - **Message Settings:** Displays the message settings screen (if equipped).
 - **Bluetooth Settings:** Can change the Bluetooth settings (if equipped).
 - **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, 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.
- 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.

Sending a text by using the voice recognition

When you connect your mobile device to the system via Bluetooth, contacts from the device are downloaded to the system so you can text a message to a contact by using the voice recognition.

✍ To call using voice recognition, there must be contacts stored on the system.

✍ It is available only when the Blue Link service is active.

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 message screen, press .

3 When a guiding beep is heard, say the message.

The system sends the text to the selected contact.

07

Voice functions



Voice recognition
Using the Siri Eyes Free
Voice Memo

Voice recognition

With the voice recognition function, you can access various functions of the infotainment system without manipulating the screen or buttons. This function prevents driver distraction and dangerous situations.

Use voice commands to access various functions easily.

- ✍ The system can recognize the specified voice commands.
► See “Available voice commands” or the voice recognition help.
- ✍ Note the following for accurate delivery of command when saying it.
 - Pronounce a command accurately and naturally like a conversation.
 - Keep the correct posture and say commands toward the direction of the microphone.
- ✍ Voice recognition is automatically ended when:
 - You make or receive a call.
 - A media source is connected or disconnected.
 - The front or rear cameras operate (if equipped).
 - The [RADIO] or [MEDIA] button is pressed to perform another function.
 - Rerouting or other unexpected action is made due to deviation from the route during guidance.

- ✍ Voice recognition may not work properly when:
 - The sunroof or windows are open so the wind is strong.
 - The fan speed of the air conditioner or heater is high (level 3 or below is recommended).
 - The vehicle is passing through a tunnel.
 - The vehicle is driving on an unpaved road and its noise and vibration are loud.
 - Noise is loud due to a heavy rain or storm.

Using the voice recognition

1 On the steering wheel, press the Voice Recognition button.

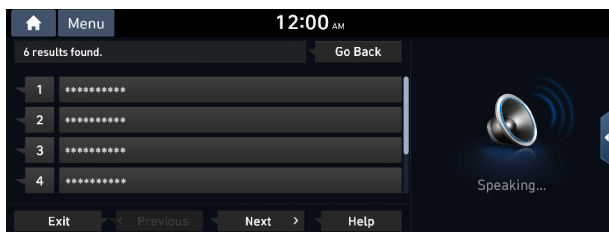
Voice recognition starts along with voice guidance.

- ✍ To skip the voice guidance, press the Voice Recognition button on the steering wheel.

2 When a beep sound is heard, say a command to perform (e.g. navigation, music, call). ► See “Available voice commands” or the voice recognition help.

The recognized command appears in text at the top of the screen and the corresponding function is performed.

- ✍ When an additional command is required to perform, the commands that can be followed in the next step appear on the screen. Say a command or press a command.
- ✍ When there are several similar commands, say a command number to perform.



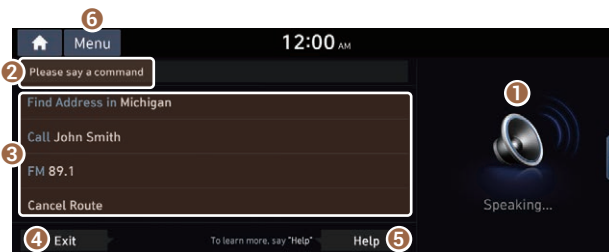
3 To end the voice recognition, perform one of the following methods:

- In standby mode for voice recognition, say "Exit"
- On the voice recognition screen, press **Exit**.
- On the steering wheel, press and hold the Voice Recognition button.

 When the Voice Recognition button is pressed in standby mode for voice recognition, the standby time is extended.

 When the voice recognition is not available, press the Voice Recognition button on the steering wheel and use the voice recognition on your smartphone via phone projection. ► See "Using the phone projection function."

Voice recognition screen



- 1 According to voice recognition, the icons for voice recognition, voice guidance, and command process appear.
- 2 The recognized voice command appears in text.
- 3 Shows the representative voice command.
- 4 Ends the voice recognition.
- 5 Displays the voice recognition help.
- 6 The list of menu items appears.
 - **Split Screen:** Can turn on or off the split screen mode.

Adjusting the voice guidance volume

Adjust the voice guidance volume when the system volume is so low or high and it interferes with your driving.

When the voice recognition is active, turn the Volume knob on the control panel.

Seeing the voice recognition help

You can see more details on how to perform various functions by voice commands.



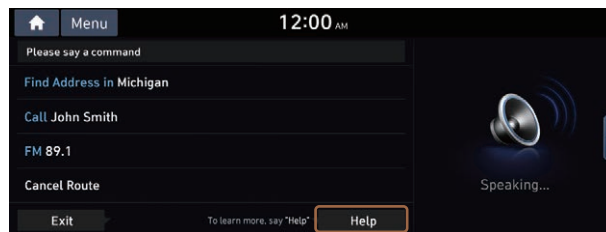
Caution

Pull over the vehicle at a safe place and see the help.

1 On the steering wheel, press the Voice Recognition button.

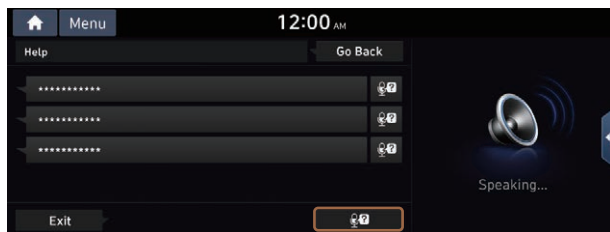
2 Say "Help"

✎ When the mode time exceeds before you speak, you can press **Help** instead.

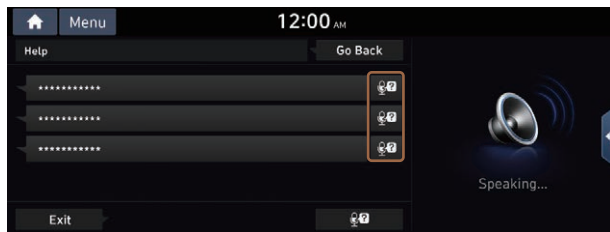


3 Select the desired option and see its help.

- To see the entire help for use of voice commands, press  at the bottom of the screen.



- To see more details on how to use voice commands for each function, press  next to the function name.



4 After seeing the help, perform any of the following methods.

- On the help screen, press **Exit**.
- In standby mode for voice recognition, say "Exit"

Voice recognition Help



- 1 Returns to the previous step.
- 2 The function list appears.
 -  To see the list of voice commands that can be used for each function, press or say the function.
- 3 You can see the usages for each function.
- 4 Ends the voice recognition.
- 5 You can see the entire help for use of voice commands.
- 6 According to voice recognition, the icons for voice recognition, voice guidance, and command process appear.
- 7 The list of menu items appears.
 - **Split Screen:** Can turn on or off the split screen mode.

Available voice commands

Call commands

Command	Function
Call	You can make a call to one of your mobile phone's contacts. Say a contact's name to begin a call.
Call <Name>	The system dials the phone number of that contact. If the contact has multiple phone numbers, select a phone number.
Call <Name> on Mobile	The system dials the phone number saved as "Mobile" for that contact.
Call <Name> at Work	The system dials the phone number saved as "Work" for that contact.
Call <Name> at Home	The system dials the phone number saved as "Home" for that contact.

Command	Function
Call <Name> on Other	The system dials a phone number saved as other than "Mobile", "Work", or "Home" for that contact.
Dial Number	You can make a call. Say a phone number to begin a call.
Dial <Phone #>	You can make a call immediately to that phone number.
Send Message	You can send a text message to one of your mobile phone's contacts. Say a contact's name and then enter the message content by following the guidance. This command is available only if Blue Link is activated.
Send Message to <Name>	You can send a text message to that specific contact. Enter the message content by following the guidance. This command is available only if Blue Link is activated.

Command	Function
Send Message to <Name> <Message>	You can send a text message to that contact more directly. This command is available only if Blue Link is activated.
Change Bluetooth Device	You can search for and connect another Bluetooth device.

 To use call commands, your mobile phone must be connected to the system via Bluetooth and your contacts must be downloaded. ► See “Connecting a Bluetooth device.”

Navigation commands

Command	Function
Find <POI or Address>	You can search for a designated POI name or address. For example, say "Find Hyundai dealerships" or "Find Hyundai dealerships in Seattle."
Find Address in <State>	You can search for a location with its address in a designated state. Say an address in order of the house number, street, and city.
Find <POI>	You can search for a designated category of POIs nearby. ► See “POI names.”
Frequently Visited Points	You can select a location from the list of your frequently visited points. Say the number of the location you want.
Address Book	Access the address book screen.

Command	Function
Previous Points	You can select a location from the list of your previous destinations, frequently visited points, and starting points. Say the number of the location you want.
Previous Destinations	You can select a location from the list of your previous destinations. Say the number of the location you want.
Previous Starting Points	You can select a location from the list of your previous starting points. Say the number of the location you want.
Traffic Information	Access the traffic information screen.
Go Home	Set the location saved to the Go Home shortcut button in your address book as your destination.
Go to Work	Set the location saved to the Work shortcut button in your address book as your destination.
Change Home	You can change the location saved as your home.

Command	Function
Change Work	You can change the location saved as your work.
Pause Route	Pause the navigation guidance.
Resume Route	Resume the navigation guidance.
Turn Guidance On	Unmute the navigation guidance.
Turn Guidance Off	Mute the navigation guidance.
Zoom In	Zoom in on the map.
Zoom Out	Zoom out from the map.
Cancel Route	Stop the navigation guidance and cancel your current destination.
Destination Information	View information on the distance and time to your current destination.
Route Options	Find another route.

Command	Function
Emergency Services	You can select a location from the list of nearby police stations, hospitals, dealerships, and roadside assistance services. Say the number of the location you want.
Police Stations	You can select a location from the list of nearby police stations. Say the number of the location you want.
Hospitals	You can select a location from the list of nearby hospitals. Say the number of the location you want.
Dealerships	You can select a location from the list of nearby motor dealerships. Say the number of the location you want.
Roadside Assistance	You can select a location from the list of nearby roadside assistance services. Say the number of the location you want.
Show Route	View the entire route on the map.

- ✎ When you use a command starting with "Find," the system searches for locations within the state or province where your vehicle is currently located. To search for locations in another state or province, say the state or province name first and then say the location you want.
- ✎ Some commands, such as "Cancel Route" or "Show Route," are available only when a destination is set.
- ✎ When **Use Blue Link Network** is selected in the **Setup ► Voice Recognition ► Use Network** menu, a Blue Link subscription is required to use voice commands for finding POIs or addresses. If you do not have a Blue Link subscription or do not want to use server-based voice recognition, deactivate the option.

Radio commands

Command	Function
FM <87.5 to 107.9>	Turn on the FM radio with that frequency.
AM <530 to 1710>	Turn on the AM radio with that frequency.
SiriusXM <0 to 999>	Turn on the SiriusXM radio with that channel number.

Other commands

Command	Function
Help	Move to the help screen.
Line <1 to 4>*	Select an item with the designated number on a list. Simple numbers, such as "One" or "Two," can be recognized.
Yes*	Accept a notification asking for your confirmation in an exceptional situation.

Command	Function
No*	Deny a notification asking for your confirmation in an exceptional situation.
Next*	If there are more than five items on a list, scroll to the next page.
Previous*	If you scroll to the next page of a list, scroll back to the previous page.
Manual Input*	When using the Dial Number command, open the keypad to enter a phone number manually.
Go Back*	Returns to the previous step.
Exit	End voice recognition.

* These commands are available only in certain situations.

POI names

Restaurants

POI name	POI name
Fast Food Restaurants	Long John Silver's
Arby's	McAlister's Deli
Boston Market	McDonald's
BURGER KING	Panda Express
Carl's Jr	Panera Bread
Chick-fil-A	Popeyes
Chipotle	Quiznos Sub
Church's Chicken	Schlotzsky's
Dairy Queen	SONIC
Firehouse Subs	SUBWAY
Hardee's	Taco Bell
IHOP	Taco John's
In-N-Out Burger	Waffle House
Jack in the Box	Wendy's
Jimmy John's	White Castle
KFC	Blimpie
Little Caesars	Checkers
	Culver's
	Five Guys Burgers and Fries
	Jamba Juice
	Jersey Mike's Subs

POI name	POI name
Smoothie King	Lone Star Steakhouse & Saloon
Steak n Shake	Longhorn Steakhouse
Whataburger	Luckys Cafe
Coffee Shops	Outback Steakhouse
Starbucks	Ponderosa
Dunkin' Donuts	Publix
Tim Hortons	Seasons 52
American Restaurants	Sheetz
Applebee's	Silver Fox
Bahama Breeze	Texas Roadhouse
Boston's Restaurant & Sports Bar	TGI Friday's
Cheeseburger in Paradise	The Capital Grille
Chili's Grill & Bar	A&W
Cool River	Bob Evans
Denny's	Buffalo Wild Wings
Frisch's Big Boy	Cracker Barrel Old Country Store
Good Eats	Golden Corral
III Forks	Red Robin
Lee Roy Selmon's	Ruby Tuesday

POI name	POI name
Wingstop	El Chico
Fleming's	Del Taco
Italian Restaurants	Moe's Southwest Grill
Bonefish Grill	Qdoba
Carrabba's Italian Grill	Toks
Chuck E Cheese's	Asian Restaurants
Domino's	Chinese Restaurants
Olive Garden	PF Chang's China Bistro
Papa John's	Japanese Restaurants
Papa Murphy's	Korean Restaurants
Pizza 73	Seafood Restaurants
Pizza Hut	Red Lobster
pizza pizza	Captain D's
Cici's Pizza	Vegetarian Restaurants
Godfather's	French Restaurants
Hungry Howie's Pizza	Continental Restaurants
Marco's Pizza	African Restaurants
Latin American Restaurants	Other Restaurants
Mexican Restaurants	Auntie Anne's
Cantina Laredo	Baskin-Robbins
Chevys	Haagen-Dazs

POI name	POI name
Hooters	CITGO
Roy's	Conoco
TCBY	Esso
VAN DER VALK	Exxon
Bojangles'	Fleetfuels
Cold Stone Creamery	GetGo
Zaxby's	Giant Gasoline

Automotive

POI name	
Hyundai dealerships	
Gas Stations	
76	
ampm	
ARCO	
BP	
Gas+	
Casey's General Store	
Cenex	
Chevron	
	Gulf
	Husky
	Ingles Gas Express
	Marathon
	Martin's Gasoline
	Meijer Gas Station
	Mobil
	Murphy Express
	Murphy USA
	Petro Stopping Centers
	PETRO-CANADA
	Phillips 66
	Pioneer

POI name	POI name
QuikTrip	AutoZone
Rutter's	BOSCH Car Service
Sheetz	Canadian Tire
Shell	Certigard
Sinclair	Chevron
Speedway	CITGO
Sunoco	Discount Tire
Sunoco Canada	Exxon
TEXACO	Firestone
TravelCenters of America	GOODYEAR
Ultramar	Gulf
Valero	Jiffy Lube
Wawa	Kal Tire
Hess Express	Midas
Irving	Mobil
Pemex	Napa
Parking	O'Reilly Auto Parts
Auto Services	PETRO-CANADA
AAA	Sears Auto Center
Advance Auto Parts	Shell
America's Tire	TEXACO

POI name	POI name
AAMCO Transmissions	CITGO
ACDelco	Costco
Big O Tires	Exxon
CARQUEST	Flying J
Meineke Car Care Center	Fred Meyer Fuel Center
Monro Muffler Brake & Service	Fry's Fuel Center
Napa Autocare Center	Fry's Marketplace Fuel Center
Pep Boys	Kroger Fuel Center
Quick Lane	Kum & Go
Safelite AutoGlass	Kwik Trip
Tires Plus	Meijer Gas Station
Valvoline Instant Oil Change	Murphy Express
Roadside Assistance	NISSAN
Auto Parts	QuikTrip
Car Washes	Shell
Automobile Dealerships	TEXACO
Motorcycle Dealerships	Valero
EV Charging Stations	Hydrogen Stations
Aloha	
Chevron	

Travel

POI name	POI name
	Days Inn
	DELTA
Airports	Doubletree
Hotels	Econo Lodge
Americas Best Value Inn	Embassy Suites
AmericInn	Grand Residences by Marriott
Andaz	Hampton Inn
Ascend Collection	Hawthorn Suites
Baymont Inn & Suites	Hilton
Best Western	Hilton Garden Inn
Cambria Suites	Hilton Grand Vacations
Canadas Best Value Inn	Holiday Inn
Candlewood Suites	Holiday Inn Express Hotel & Suites
Clarion Hotel	Homewood Suites
Comfort INN	Hotel Indigo
Comfort Suites	Howard Johnson
CONRAD	Hyatt Place
Country Inn & Suites by Carlson	Hyatt
COURTYARD by Marriott	Hyatt Summerfield Suites
Crowne Plaza	

POI name	POI name
Intercontinental	Ritz-Carlton
JW Marriott	Rodeway Inn
La Quinta Inn & Suites	Sheraton
Lexington	Sleep Inn
Mainstay Suites	SOFITEL
Marriott	Staybridge Suites
Marriott VACATION CLUB	Studio 6
Microtel Inns & Suites	Suburban Extended Stay
Motel 6	Super 8
NOVOTEL	Thriftlodge Canada
Omni Hotels	Travelodge
Park Inn	Travelodge Canada
Park Plaza	VAN DER VALK
QUALITY INN	WALDORF ASTORIA COLLECTION
Radisson	Wingate by Wyndham
Radisson SAS	Wyndham
RAMADA	Extended Stay America
Red Roof Inn	Fairfield Inn by Marriott
Regent Hotels & Resorts	Rental Car Agencies
Renaissance	Alamo
Residence Inn	

POI name
AVIS
Budget
Dollar Rent A Car
Enterprise
Hertz
National
Thrifty
Tourist Information
Tourist Attractions
Travel Agents
Rest Areas
City Centers
Campgrounds
Ferry Terminals
Bus Stations
Local Transit
Train Stations

Shopping

POI name
Department Stores
Canadian Tire
Dollar General
Dollar Tree
Family Dollar
JCPenney
Kmart
Kohl's
Nordstrom
Sears
Sears Hometown Store
Target
T.J. Maxx
Walmart
Big Lots
Macy's
Marshalls
Ross Dress For Less

POI name
Convenience Stores
7-Eleven
ampm
BP
Circle K
Fleetfuels
GetGo
GTO
Kangaroo Express
Murphy Express
Murphy USA
Petro Stopping Centers
QuikTrip
Rutter's
Sunoco Canada
TravelCenters of America
Wawa
Cumberland Farms
Hess Express

POI name
Mac's
Mini Mart
Quick Stop
Valero Corner Store
Shopping Centers
Grocery Stores
Giant Eagle
Giant Food Stores
IGA
Ingles Markets
Food Lion
Kmart
Kroger
Martin's Food Markets
Meijer
Publix
Sav-Mor Foods
Save-A-Lot
SuperValu

POI name	POI name
Albertsons	Sam's Club
ALDI	Electronics Stores
Piggly Wiggly	AT&T
Safeway	Best Buy
Winn-Dixie	GameStop
Pharmacies	Radioshack
CVS/pharmacy	Sprint
Giant Drugstore	Staples
Giant Eagle	T-Mobile
Ingles Pharmacy	OfficeMax
Kmart Pharmacy	US Cellular
Kroger Pharmacy	Verizon
Martin's Drugstore	Boost Mobile
Meijer Pharmacy	Cricket Wireless
Publix	metroPCS
Rite Aid	Home Specialty Stores
Shoppers Drug Mart	ABC Fine Wine & Spirits
Walgreens	Ace Hardware
Medicine Shoppe	Claire's
Safeway	Costco

POI name	POI name
Home Depot	Sam's Club
Lowe's	SEPHORA
Merle Norman	Sleepy's
PETCO	Sunglass Hut
PETSMART	Toys"R"Us
Sally Beauty Supply	Tuesday Morning
SHERWIN-WILLIAMS	Sporting Goods Stores
True Value	Dick's Sporting Goods
Bath & Body Works	Sports Authority
BED BATH & BEYOND	HIBBETT SPORTS
Carpet One	Music Stores
Do It Best	Bookstores
Family Video	Barnes & Noble Booksellers
GNC	Gift Shops
HOBBY LOBBY	Clothing Shops
Home Hardware	Mark's
Jo-Ann	Aeropostale
Michaels	American Eagle Outfitters
Party City	Cato
Pier 1 Imports	Chico's

POI name
Children's Place
Dressbarn
Famous Footwear
Finish Line
Foot Locker
GAP
Gymboree
Hot Topic
Journeys
Justice
Lane Bryant
Men's Wearhouse
Old Navy
PacSun
Rainbowshops
rue21
Victoria's Secret
Shoe Stores
Payless Shoesource
General Merchandise

Recreation

POI name
Amusement Parks
Museums
Cinemas
Golf Courses
Sports Complexes
Sports Activities
Wineries
Video & Game Rental
Ski Resorts
Recreation Areas
Other Recreation Areas

Financial Services

POI name
Banks
Bank of America
BB&T
Chase
Citibank
Citizens Bank
Fifth Third Bank
KeyBank
PNC Bank
RBC Royal Bank
Regions
SunTrust
TD Bank
TD Canada Trust
US Bank
Wells Fargo
Bank of the West
BBVA Compass
BMO Bank of Montreal
BMO Harris Bank

POI name
Caisse Populaire Desjardins
Capital One
CIBC
First Citizens Bank
First National Bank
M&T Bank
Santander
Scotiabank
The Huntington National Bank
Woodforest National Bank
ATMs
Bank of America
BB&T
Chase
Citibank
Citizens Bank
Fifth Third Bank
KeyBank
PNC Bank
RBC Royal Bank
Regions

POI name
SunTrust
TD Bank
TD Canada Trust
US Bank
Wells Fargo
Bank of the West
BMO Bank of Montreal
BMO Harris Bank
Caisse Populaire Desjardins
Capital One
CIBC
Commerce Bank
First National Bank
HSBC
M&T Bank
Santander
Scotiabank
State Employees' Credit Union
Check Cashing Services
Money Transfer

Community

POI name
Police Stations
Post Offices
Libraries
Schools
Fire Departments
Convention Centers
Churches
Synagogues
City Halls
Civic Centers
Court Houses
Government Offices
Waste & Sanitary Services
Utilities
Business Facilities

Services

POI name
Hospitals
Medical Services
Physicians
Tax Services
Attorneys
Funeral Homes
Hair & Beauty Services
Cleaning & Laundry Services
Social Services
Communication
Dentists
Photography Services
Tailors & Alterations
Movers

POI name
Nursing Homes
Optical Services
Personal Services
Repair Services
Veterinary Hospitals
Shipping Centers

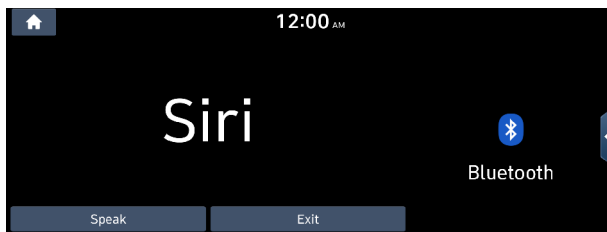
 Available POI names may change when the system is updated.

Using the Siri Eyes Free

When you connect an Apple device that is compatible with Siri to your system via Bluetooth, you can use the Siri Eyes Free. This allows you to perform the functions on your system and Apple device with voice commands so that you can devote your attention to driving.

First, make sure that your Apple device supports Siri and that you have activated Siri.

- 1 Connect your Apple device to your system via Bluetooth.
- 2 On the steering wheel, press and hold the Voice Recognition button.
- 3 On the Siri screen, press **Speak**.



4 Say a command.

- ✎ You can perform the functions related to Bluetooth calls on the system and other functions on your Apple device.
- ✎ Press the Voice Recognition button to restart Siri.

5 To end Siri, press and hold the Voice Recognition button on the steering wheel.

Siri Eyes Free is enabled only while driving. When you shift to “P” (Park) or apply the parking brake, you can disable this function.

- ✎ Apple devices may have different functions enabled and may vary in the way how they respond to Siri commands, depending on the device type and iOS version.

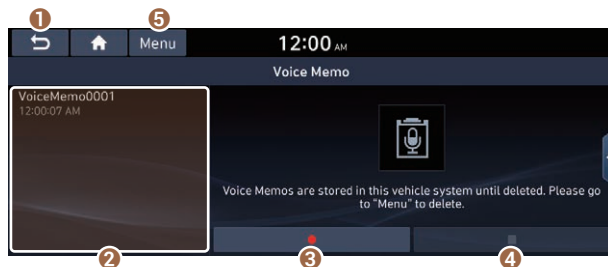
Voice Memo

You can use the microphone on the vehicle to record and play voice memos.

Using the voice memos

On the All Menus screen, press **Voice Memo**.

Voice memo screen

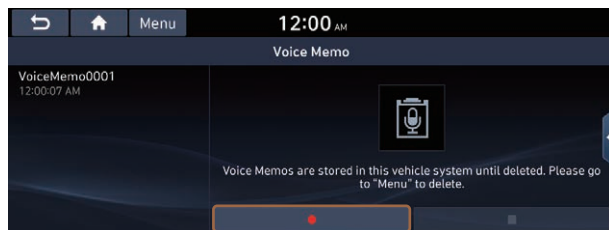


- 1 Returns to the previous step.
- 2 Displays the list of recorded voice memos.
- 3 Starts or pauses the recording.
- 4 Stops recording.
- 5 The list of menu items appears.
 - **Delete:** Can delete a voice memo.
 - **Save to USB Device:** Can record a voice memo to a USB storage device. You can delete voice memos in the USB storage devices formatted in FAT16/32.
 - **Storage Information:** Can see the file size of recorded voice memos.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

Recording a voice memo

- 1 On the **Voice Memo** screen, press .

It starts recording a voice memo.



- 2 When recording is finished, press  on the screen or press the End Call button on the steering wheel.

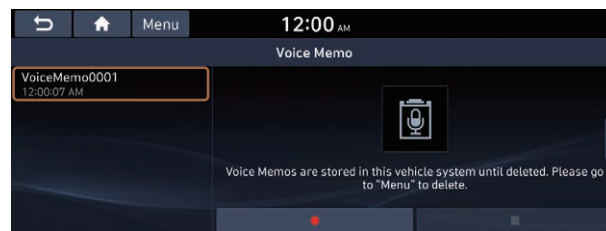
The voice memo is automatically saved.

- ✎ To temporarily stop recording, press .
- ✎ When recording starts, the other audio functions are muted or playback is paused.
- ✎ When you make or receive a call while recording, the recording is paused.
- ✎ When you make an emergency call or you are connected to an emergency call after airbag deployment, the recording is stopped and the recorded voice memo is automatically saved.

Playing a voice memo

You can select and play a recorded voice memo.

From the list of Voice Memos, press the desired voice memo.



MEMO



08

Blue Link



Blue Link service

Running the Blue Link

Using safety and security services

Contacting the Blue Link Center

Blue Link service

Blue Link provides connected car services, such as roadside assistance and emergency rescue, via the latest IT and communication technologies.

When you have subscribed to Blue Link, you can access Blue Link services through the buttons on the vehicle. You can also access other useful features through Blue Link menus on the system.

- ✍ You must be an active Blue Link subscriber or within the initial free trial period to receive Blue Link services, including Auto Collision Notification.
- ✍ Depending on the conditions such as vehicle type, system type, and the subscribed service package, available services may differ.
- ✍ Some services may incur additional charges.
- ✍ Services may be modified, added, or deleted by changes in the company's policies.

Service restrictions

Blue Link services are provided via the mobile communication network. Accordingly, the service may be restricted depending on the mobile communication network condition. Use the network signal strength icon (📶) at the top of the screen to check the mobile communication status.

- ✍ It is recommended to use the service when the number of signal bars in the icon is 4 or more.
- ✍ Depending on the network signal status, access to Blue Link may be restricted in the following locations:
 - Inside a building or tunnel
 - Mountain or forest area
 - Road close to a cliff
 - Area densely populated with tall buildings
 - Road under expressway or multi-level road
 - Communication shadow area according to the service provider's network coverage policy

Subscribing to the service

Once you have signed up for Blue Link, activate the service to use it on the system.

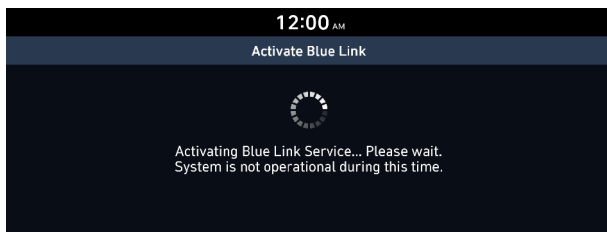
Caution

Do not turn off the vehicle while the activation is in progress. It may cause a system malfunction.

1 Park your vehicle in a safe place.

 You cannot enter information for service activation while your vehicle is moving.

2 On the All Menus screen, press **Blue Link** ► **Blue Link Settings** ► **Activate Blue Link**.



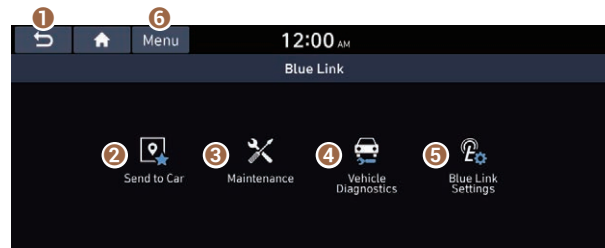
 While the activation is in progress, the system buttons are locked.

 When activation fails, contact the Blue Link Center at (855) 2-BlueLink.

Running the Blue Link

You can use the Blue Link service via the Blue Link menu on the system.

On the All Menus screen, press **Blue Link**.



- 1 Returns to the previous step.
- 2 Displays the location information received from the online map database. ► See "Using the received location information."
- 3 See the information about the intervals for the last and next maintenance services (if equipped). ► See "Checking maintenance service intervals (if equipped)."
- 4 Displays the vehicle's abnormal conditions and the diagnosed result. ► See "Diagnosing the vehicle."

5 Activate the Blue Link service to use it on the system or access modem information. ► See “Configuring the Blue Link settings.”

6 The list of menu items appears.

- **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.

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

Warning

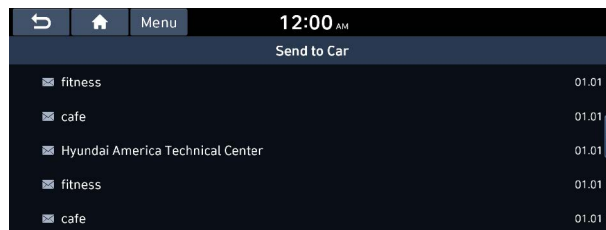
Driving while distracted may cause a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls that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

✎ Use the Blue Link features on the system when the vehicle is stationary with the vehicle turned on.

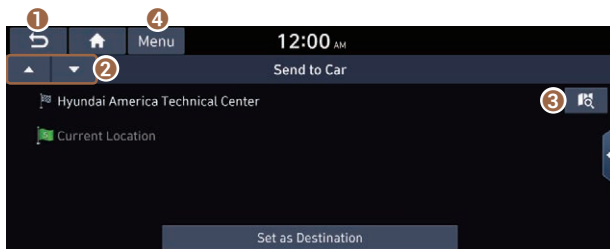
Using the received location information

You can see the location information received from the online map database and set one of them as the destination.

- 1 On the All Menus screen, press **Blue Link ► Send to Car**.
- 2 From the list of received locations, select a place name.



3 Check the location information.



- ① Returns to the previous step.
- ② Displays information for the previous or next location.
- ③ Displays the location of the selected place on the map.
- ④ The list of menu items appears.
 - **Delete:** Can delete a location from the list.
 - **User's Manual on Web (QR Code):** Displays the QR code that provides access to the online user manual for the system.
 - **Split Screen:** Can turn on or off the split screen mode.

- ✎ When the storage space is not sufficient, data is automatically deleted from the oldest ones.
- ✎ To make a call to the selected location, make sure that your mobile phone has been connected to Bluetooth or Phone Projection.

Checking maintenance service intervals (if equipped)

You can see information about the intervals for the last and next maintenance services. This feature can help you maintain your vehicle on a regular basis.

1 On the All Menus screen, press **Blue Link** ► **Maintenance**.

2 Check the maintenance information.

- ✎ You can see the distance driven and the number of days since your last maintenance service. Use the information to determine when to perform the next maintenance service.
- ✎ To reset the information, press **Reset Service Intervals**.



- ✎ To access the online user's manual on the Maintenance screen, press **Menu** ► **User's Manual on Web (QR Code)** and then scan the displayed QR code.

Diagnosing the vehicle

You can diagnose your vehicle. The information is sent to the Blue Link Center. You can receive the diagnosed result from the representative and use additional services, such as towing, route guidance to a repair shop, or a maintenance reservation.

1 Park your vehicle in a safe place.

-  The vehicle must be stationary because some components cannot be diagnosed while driving.

2 On the All Menus screen, press **Blue Link ► Vehicle Diagnostics**.

The remote vehicle diagnosis starts.

-  Keep the screen on until the diagnosed result appears. When you switch to another screen during diagnosis, the diagnosis service is canceled.

3 Check the result displayed on the screen.

-  A diagnosis result provided by this service is only an estimated result based on the signals from your vehicle. Visit a Hyundai Motor Company Service Center or a service coordinator for a detailed diagnosis.

Using Voice Local Search

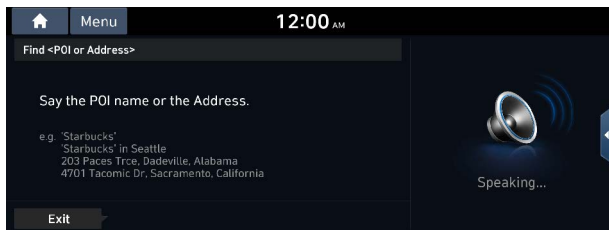
With Blue Link, you can search for locations from the online map database by using voice commands.

When you did not update the map or system or you cannot find your destination in the navigation system, you can use the latest information from the online server to search for locations and receive guidance.

1 Press the or button on the vehicle.

The voice recognition starts with voice guidance.

- 2 After the voice guidance ends and you hear a beep, say the POI name or Address.



- ✎ Depending on the system language, voice recognition may not be supported.

Configuring the Blue Link settings

You can subscribe to the Blue Link service or see the modem information.

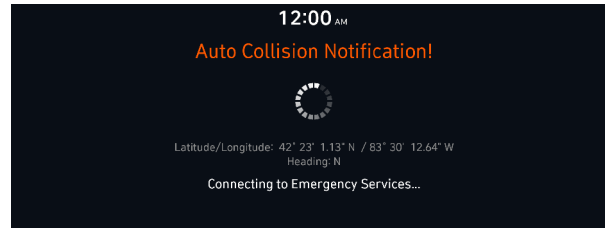
- ✎ For more information: ► see “Configuring the Blue Link settings.”

Using safety and security services

Upon any emergency or accident, you can use various types of assistances.

Auto Collision Notification

This service provides you with immediate assistance when an accident occurs and an airbag is deployed. When this happens, an Auto Collision Notification (ACN) signal, containing your customer and location information, will be transmitted to the Blue Link center automatically.



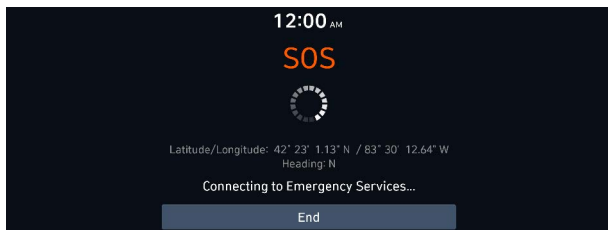
Once the signal is received, a response specialist will attempt to establish voice communications with you and forward any pertinent information to Blue Link emergency services.

- ✎ The Auto Collision Notification feature is subject to adequate mobile network coverage, signal strength, and battery power, and is only available in the 50 US states

SOS

You can request Blue Link emergency services.

Upon any emergency, press the [SOS] button on the vehicle.



Vehicle information and location will be sent to specially trained response specialists, who assist in coordinating the dispatch of appropriate emergency assistance to you.

- ✎ The response specialist will remain connected with you until the first emergency assistance arrives.
- ✎ To end the SOS call, press the [SOS] button.

Stolen Vehicle Recovery

When your vehicle is reported stolen, the Blue Link center can provide assistance to the police in an attempt to recover the vehicle. A stolen vehicle report will be filed with the appropriate police department.

Vehicle slowdown

This feature enables law enforcement to gradually reduce the engine power of the vehicle, thus slowing it down to safe levels. A warning will be sent to the driver prior to the slowdown procedure.

Vehicle immobilization

This feature enables law enforcement to send a signal to the vehicle that immobilizes the engine management system, thus preventing startup. This feature is only valid when the vehicle ignition is off. If the ignition is on or the engine is running when the signal is sent to the vehicle, the signal will be saved for later immobilization.

Contacting the Blue Link Center

You can contact a Blue Link Center representative directly to request help or make inquiries.

Press the  or  button on the vehicle.

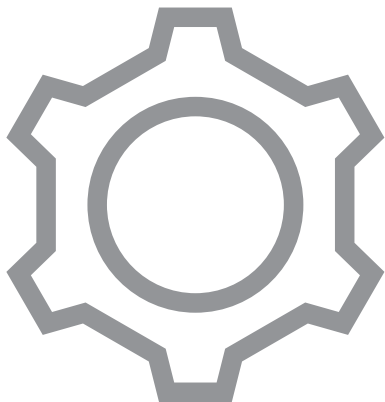
-  To end the call, press **End** on the screen or press the  or  button.
-  When connected to the Blue Link Center, ask a representative for the service you need.

MEMO



09

Settings



- Configuring the vehicle settings
- Configuring the device connection settings
- Configuring the advanced system settings
 - Configuring the sound settings
- Configuring the voice recognition settings
 - Configuring the navigation settings
 - Configuring the Blue Link settings
- Configuring the user profile settings
- Configuring the general system settings
 - Configuring the display settings
 - Configuring the media settings
- Updating the system software and map

Configuring the vehicle settings (if equipped)

You can configure the functions for driving and related environments.

- ✎ Any changes to the settings of the vehicle should be done while the vehicle is safely parked.
- ✎ Available settings may differ depending on the vehicle model and specifications.
- ✎ Depending on the climate control system, some functions may not be supported.

1 On the All Menus screen, press **Setup ► Vehicle**.
The vehicle settings screen appears.

2 Configure the settings required:

Head-Up Display (if equipped)

You can set to use the head-up display that displays information such as driving speed and road-related information while driving.



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

Enable Head-Up Display (if equipped)

Can determine whether or not to use the head-up display.

Display Control (if equipped)

Adjust the head-up display position, video location & rotation, and its brightness.

Content Selection (if equipped)

Select the items to display on the head-up display.

Speedometer (if equipped)

Can set the driving speed items and colors to display on the head-up display.

Driver Assistance (if equipped)

You can set to use various systems that assist the driver for safety.



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

Warning

- Be sure to always check the road conditions while driving. The driving assist system helps you drive safely and conveniently. Relying solely on the driving assist system may cause violation of traffic rules and regulations, resulting in an accident.
- Be sure to control the vehicle by your judgment and keep traffic regulations for safety. When the driving assist system is active, drive the vehicle with keeping eyes forward and checking the surroundings.
- Not all driving assist system warnings or sub-features are necessary when they are active, and they do not replace the driver discretion under any circumstances. Stay focused on the road while driving.

Caution

Be sure to always check the vehicle surroundings while driving. The equipped cameras and sensors may not operate under all driving conditions.

SCC Reaction (if equipped)

Adjusts the responsiveness of Smart Cruise Control to the acceleration of a leading vehicle.

Driving Assist (if equipped)

You can set to use the safe driving options such as lane keeping assistance and speed limit warning.

 The driving assist system operates based on the information from the navigation system so you must use the system only when the navigation system operates normally.

- **Lane Following Assist:** Helps the steering wheel control to keep the correct lane while driving.



Warning

The Lane Following Assist (LFA) system is not a substitute for safe driving practices, but a convenience function. It is the responsibility of the driver to always be aware of the surroundings and steer the vehicle.



Caution

Be sure to always check the vehicle surroundings while driving, because the lane following assist system may not work properly when the lane and road conditions are poor.

- **Highway Driving Assist:** When you are driving on an federal highway, the system helps you keep the correct lane according to the set speed and inter-vehicle distance.
 - ✍ The highway driving assist system operates only on a highway. When the vehicle exits from the highway, the system is turned off automatically.
- **Highway Auto Speed Zone Slowdown:** The driving speed automatically decreases in the expressway speed zone.
 - ✍ The highway auto speed zone slowdown system operates only on a highway. When the vehicle exits from the highway, the system is turned off automatically.
 - ✍ It operates considering the speed cameras located on the selected route.

- **Highway Auto Curve Slowdown:** The driving speed automatically decreases in the highway curve zone.



It operates based on the curve zones on the route. When the destination is not set, it operates based on the curve zones on the expected path.

- **Speed Limit Warning:** Displays the speed limit of the current road. When the vehicle speed exceeds the limit, it automatically decreases the vehicle speed as well as generating alarms.

Warning Timing (if equipped)

If necessary, set the time to output alerts when any alarm is generated by driver attention warning and forward safety system.

Warning Volume (if equipped)

You can adjust the volume of the alert sound upon danger of forward or blind spot collision

Driver Attention Warning (if equipped)

If necessary, set to output alerts to prevent accidents by analyzing the driving patterns.

- **Leading Vehicle Departure Alert:** When the leading vehicle departs, the notification is provided.



Warning

Be sure to always check the road conditions ahead or surroundings before departure. An accident caused by distracted driving can be prevented.

- **Safety Notice Call:** Used to set to make a call for checking your safety to Blue Link Center when suspected that vehicle movement is dangerous.

Forward Safety (if equipped)

You can set to help detect and monitor the vehicle ahead.

- **Active Assist:** Helps mitigate a collision by generating a warning sound and may provide braking assist. Ref. to owners' manual for details.



Warning

This system is only a supplemental system and it is not intended to, nor does it replace the need for extreme care and attention of the driver. The sensing range and objects detectable by the sensors are limited. Pay attention to the road conditions at all times.

- **Warning Only:** Produces a warning alarm in accordance with the collision risk level.
- **Off:** Turns off the forward safety function.

Lane Safety (if equipped)

Set to generate warning or provide assist to help the vehicle stay in its lane.

- **Lane Keeping Assist:** Helps prevent lane deviation by generating warning sound and help the vehicle between stay in its lane.



Warning

The Lane Keeping Assist (LKA) system is not a substitute for safe driving practices, but a convenience function only. It is the responsibility of the driver to always be aware of the surroundings and steer the vehicle.



Caution

When the lanes are not recognized well by front cameras, always check the surroundings because the lane keeping assist system may not work properly.

- **Lane Departure Warning:** When a danger of lane deviation is detected, the warning sound is generated.
- **Off:** Turns off the lane safety function.

Blind-Spot Safety (if equipped)

You can set to generate warning sound and may provide active assist if there is a possible collision with an approaching vehicle while changing lanes.

- **Blind-Spot View:** Displays the blind spot view on the instrument cluster when the turn signal lamp is blinking.
- **Safe Exit Assist:** Help prevent the passengers from opening a door by warning the passengers when an approaching vehicle from the rear area is detected after the vehicle stops.



Caution

- The Safe Exit Assist (SEA) system may not operate normally when a vehicle is coming rapidly two lanes over from your vehicle or a vehicle is approaching at a fast speed from the rear in the lane next to your vehicle.
- The Safe Exit Assist (SEA) system may not operate normally if there is any vehicle or obstacle at the rear area of your vehicle.
- The Safe Exit Assist (SEA) system may be activated later than normal or may not operate normally if a vehicle is approaching fast from the rear of your vehicle.
- The Safe Exit Assist system may not operate when the blind spot detection system malfunctions as follows:
 - The blind spot collision warning message appears on the instrument cluster.
 - The sensors of the blind spot detection system are contaminated or covered.
 - The blind spot detection system does not generate warning or generates a wrong alert.

- **Active Assist:** Helps prevent collision by generating warning sound and helping you adjust the vehicle speed if any suspected blind spot collision danger.



Warning

Always be aware of road conditions while driving and be alert for unexpected situations even though the Blind-Spot Collision Warning system and Blind-Spot Collision Avoidance Assist system are operating.

- **Warning Only:** When a danger of blind spot collision is detected, the warning sound is generated.
- **Off:** Turns off the blind spot safety function.

Parking Safety (if equipped)

You can set to generate warning sound and may provide assist when an obstacle is detected while parking.

- **Parking Distance Warning Auto On:** Automatically turns on the alarming function depending on the distance to obstacles upon parking or driving in low speeds.
- **Rear Cross-Traffic Safety:** Assists to generate warning sound and may provide assist if a potential collision is detected when the vehicle is in reverse.
- **Active Assist:** Helps prevent collision by generating warning sound and may provide braking assist if a potential collision is detected while the vehicle reversing.
- **Warning Only:** The warning sound is generated if a danger of collision is detected when reversing the vehicle.
- **Off:** Turns off the parking safety function.

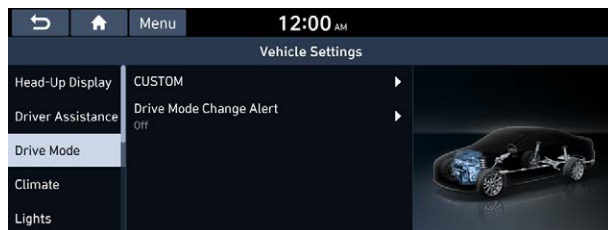


Warning

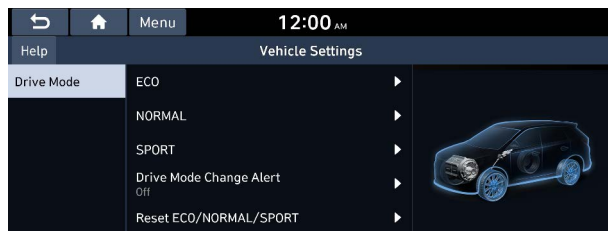
- Even though the vehicle is equipped the parking safety system, be sure to check any obstacles in the rear while driving. Relying solely on the driving assist system may cause an accident. Accordingly, be sure to control the vehicle by your judgment.
- When the sensors cannot detect any obstacles due to the detection limit, it may cause an accident. Be sure to always check the surroundings while parking.

Drive Mode (if equipped)

You can change the vehicle settings for driving conditions.



Type A



Type B (EV only)

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

CUSTOM (if equipped)

You can set to select the drive mode optimized for the driving habits or road conditions.

- **Powertrain:** Controls the engine and transmission for stable driving in various situations.
 - **SMART:** Automatically select the most eligible powertrain mode depending on the driving habits and situation.
 - **ECO:** Optimized for fuel economy enhancement by controlling the engine and transmission.
 - **COMFORT:** Optimized for smooth and comfortable ride.
 - **SPORT:** Optimized for dynamic ride by controlling the steering wheel, engine, and transmission.
 - **SNOW:** Optimized on slippery roads such as snow or muddy road.
- **Steering:** Specialized in steering wheel control for various driving situations.
 - **COMFORT:** Optimized for smooth and comfortable ride.
 - **SPORT:** Optimized for dynamic ride by controlling the engine and transmission.
- **Suspension:** Controls the suspension to enhance ride comfort in various driving situations.
 - **SMART:** Automatically selects the most eligible suspension mode depending on the driving habits and situation.
 - **COMFORT:** Optimized for balanced comfort ride.
 - **COMFORT+:** Optimized for comfort ride.
 - **SPORT:** Optimized for dynamic ride by controlling the steering wheel, engine, and transmission.

- **AWD:** The four-wheeled drive mode in which all front and rear wheels are used, is mainly used for driving on snow roads.
 - **SMART:** Automatically selects the most eligible fourwheeled drive mode depending on the driving habits and situation.
 - **ECO:** Optimized for fuel economy enhancement by controlling the engine and transmission.
 - **COMFORT:** Optimized for stable ride.
 - **SPORT:** Optimized for dynamic ride by controlling the steering wheel, engine, and transmission.

ECO (EV only)

This is a drive mode for increasing the vehicle's fuel efficiency. You can change the climate control mode, the active coast energy regeneration level, and speed limit settings.

NORMAL (EV only)

This is a drive mode focused on the driver and passenger's comfort. You can change the climate control mode and the active coast energy regeneration level.

SPORT (EV only)

This drive mode enables a more dynamic driving performance. You can change the climate control mode and the active coast energy regeneration level.

Drive Mode Change Alert (if equipped)

You can set how to display the notification message when the drive mode is changed.

- **Detailed Alert:** Displays a detailed notification message along with the vehicle image when the drive mode is changed.
- **Simple Alert:** Displays the notification at the top or on the split screen when the drive mode is changed.
- **Off:** When the drive mode changes, no notification is provided.

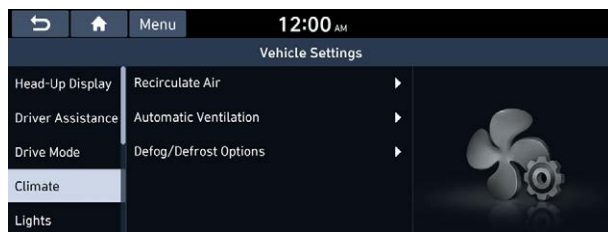
Reset ECO/NORMAL/SPORT (EV only)

You can reset the drive mode settings to the default values.

- ✎ The display may differ depending on the vehicle model and specifications.
- ✎ See how to improve ECO potential by pressing the **Help** button from an EV(Electric Vehicle). In most cases, a vehicle can travel a longer distance when its ECO potential score is higher (EV only).

Climate (if equipped)

You can configure the operation environment for climate control system.



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

Recirculate Air (if equipped)

You can set to keep the inside air pleasant by blocking inflow of outside air.

- **Activate upon Washer Fluid Use:** Sets to automatically switch to the inside air circulation mode to prevent inflow of washer fluid scent when spraying washer fluid.
- **Activate Based on External Dust:** Sets to automatically switch to the air purification mode to keep inside air pleasant when the fine dust index is high.

Automatic Ventilation (if equipped)

You can set to prevent condensation inside and keep inside air pleasant using this feature.

- **Auto Dehumidify:** Once the inside air circulation mode has been used for a long time, it is switched to the outside air inflow mode to prevent condensation.
- **Smart Ventilation:** Sets to automatically switch to the outside air inflow mode to maintain a pleasant indoor environment when the humidity increases in the vehicle with the climate system off.
- **Carbon Dioxide Auto Vent:** Sets to automatically switch to the outside air inflow mode to maintain a pleasant indoor environment when the CO₂ concentration increases in the vehicle with the climate system off.

Defog/Defrost Options (If equipped)

You can set to enable the defogger to secure driver visibility.

- **Defog/Defrost:** When the sensor detects humidity on the windshield and glasses, it enables the outside air inflow mode and air conditioner for defogging and defrosting.
- **Auto Defog:** When the sensor detects fog on the windshield, the automatic ventilation is run for defogging.

Climate Features (if equipped)

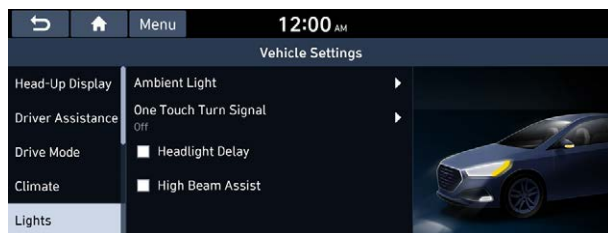
You can set or change the settings for the climate system.

- **Rear Climate Controls:** Used to move to the climate control screen for the rear seat. You can check or set the climate status for the rear seat.

✎ For more information about controlling the rear-seat climate control system: ► see “Using the rear-seat climate control system (if equipped).”

Lights (if equipped)

You can configure the settings for vehicle lights.



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

Ambient Light (if equipped)

You can set the brightness and color of the ambient light.

One Touch Turn Signal (if equipped)

You can set the number of turn signal lamp flashes when the lamp lever is operated.

Headlight Delay (if equipped)

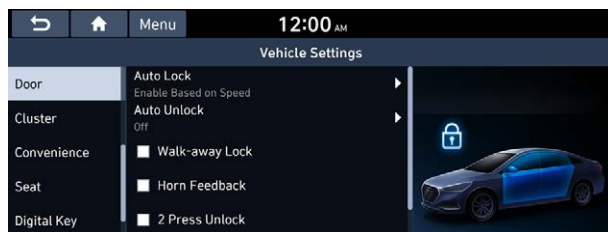
You can set to turn off the taillights and headlights in 15 seconds after turning off the vehicle to ensure visibility.

High Beam Assist (if equipped)

You can set to automatically control the high beam when an oncoming vehicle is approaching to decrease the high beam glare.

Door (if equipped)

You can configure the operation environment for the trunk and doors.



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

Auto Lock (if equipped)

You can set the time to automatically lock all doors.

Auto Unlock (if equipped)

You can set the time to automatically unlock all doors.

Walk-away Lock (if equipped)

You can set to automatically lock all doors when you move away from the vehicle with the smart key.

 When all doors are closed, this feature works normally.

Horn Feedback (if equipped)

You can set to generate guiding beep when all doors are locked.

2 Press Unlock (if equipped)

You can set to unlock all doors by pressing the door unlock button twice.

 When you press the door unlock button once, only the driver's seat door is unlocked.

Power Liftgate (if equipped)

The Power liftgate button can be used to automatically open/close the liftgate.

Power Liftgate Opening Speed (if equipped)

Selects the speed the power liftgate automatically moves.

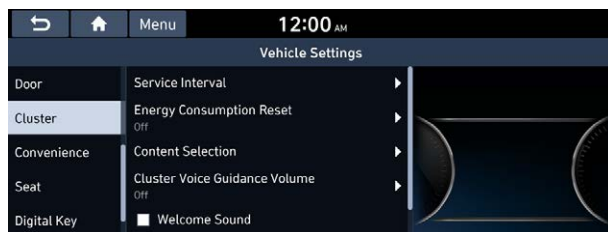
Smart Liftgate or Smart Trunk (if equipped)

Opens the liftgate automatically when approaching the liftgate with the smart key.

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

Cluster (if equipped)

You can set the data to display on the instrument cluster and the volume and type for guiding beep.



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

Service Interval (if equipped)

You can set to guide you when to perform the vehicle inspection.

- **Enable Service Interval:** Sets the service inspection interval. When it exceeds, the notification is provided.
- **Distance:** Sets the driving distance for a service.
- **Duration:** Sets the service cycle.
- **Reset:** Initializes the settings for distance and duration.

 To use the Service Interval menu, consult an authorized Hyundai dealer.

Energy Consumption Reset (if equipped)

You can set to automatically initialize the average fuel economy.

- **After Ignition:** The average fuel economy is automatically initialize whenever you drive the vehicle.
- **After Refueling:** The average fuel economy is automatically initialize whenever you refuel the vehicle.
- **Off:** The average fuel economy initialize is unavailable.

Content Selection (if equipped)

You can set the content to display on the instrument cluster.

- **Gear Position Pop-up:** When the gear is shifted, the information pop-up appears.
- **Wiper/Lights Display:** When the wiper or light lever operates, the operation mode appears.
- **Traffic Signs:** Displays the road information such as speed bumps and speed limits.
- **Icy Road Warning:** When the outside temperature drops below 4 °C (39 °F), the possibility of road icing appears.

Cluster Voice Guidance Volume (if equipped)

You can adjust the volume of guiding beep.

Welcome Sound (if equipped)

You can set to generate the notification sound when turning on or off the instrument cluster.

Speedometer Subscale (if equipped)

You can set to display the speedometer subscale on the instrument cluster.

Convenience (if equipped)

You can configure the features for convenience such as welcome sound and wireless charging.



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

Rear Occupant Alert (if equipped)

Movement is detected by the rear-seat sensor after the doors are locked.

Welcome Mirror/Light (if equipped)

You can set the welcoming time on the outside rear-view mirrors.

- **Enable on Door Unlock:** The welcome feature is enabled by the door unlock event.
- **Enable on Driver Approach:** When the driver with the smart key approaches, the welcome feature is enabled.

Wireless Charging System (if equipped)

You can set to charge your smartphone wirelessly.

 This feature is available only in smartphones that can be charged wirelessly.

Active Sound Design (if equipped)

You can turn on or off the engine sound feature that generates engine sound.

Auto Rear Wiper (in R) (if equipped)

Activates the rear windshield wiper automatically when the front wiper is On and the gear is in reverse.

Vehicle Auto-Shut Off (if equipped)

Set to turn off the engine automatically when the vehicle is left idle in park mode for a set period.

Seat (if equipped)

You can set to use various features (motions and warmer control for the driver's seat, rear seat, and steering wheel) that are related to the seats and steering wheel.



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

Seat Position Change Alert (if equipped)

You can set the system to display a notification message along with the seat image on the screen when a seat position is changed.

Smart Posture Care (if equipped)

You can see the recommended driving posture according to your physical data, and the clinical inspection result for your waist.

3rd Seat Back Folding (if equipped)

You can fold or unfold the left or right seat back of the 3rd row seat.

- **Fold:** Can fold the 3rd row rear seat backs.
- **Unfold:** Can unfold the 3rd row rear seat backs.

Heated/Ventilated Features (if equipped)

You can manage the driving environment pleasantly by linking the climate controls to the steering wheel warmer and driver's seat warmer/ventilation.

- **Seat Warmer/Ventilation:** Seat Warmer/Ventilation adjusts automatically based on Climate settings.
- **Steering Wheel Warmer:** Steering Wheel Warmer adjusts automatically based on Climate settings.

Seating Easy Access (if equipped)

For convenience upon getting on and off, you can adjust the position of the driver's seat or steering wheel to secure space inside the vehicle.

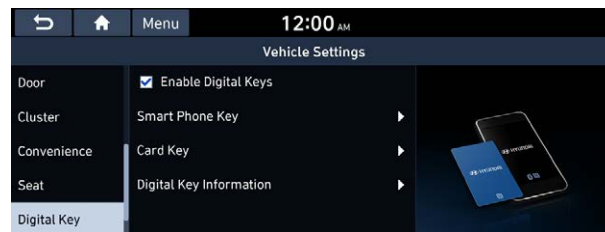
- **Steering Easy Access:** The steering wheel moves upward when getting on and off.
- **Seat Slide Easy Access:** The seat moves forward or backward by a certain distance when getting on and off.
- **Seat Height Easy Access:** The seat moves upward or downward by a certain height when getting on and off.

Rear Seat Heating Control (if equipped)

You can set to enable the warmer for the rear-left and rear-right seats.

Digital Key (if equipped)

You can register or delete a digital key and then see the information of the registered digital key.



Enable Digital Keys (if equipped)

You can set whether or not to use the digital keys.

Smart Phone Key (if equipped)

You can register or delete a smartphone key.

Card Key (if equipped)

You can register or delete a card key.

Digital Key Information (if equipped)

You can see the serial number of the registered digital key.

Reset (if equipped)

You can initialize all system settings in the vehicle.



✍ The required features cannot be initialize.

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

Configuring the 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, press **Setup ► Device Connections**.

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.
- ✎ 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.
 - Only the phone number appears when the sender information is not saved.
 - 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.

Bluetooth Connections

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.

Auto Connection Priority

Set Bluetooth connection priority for devices to automatically connect them when starting the vehicle.

Bluetooth Voice Prompts

Set whether to hear voice prompts for events related to Bluetooth connections.

Message Settings

- **Message Notification:** Sets to receive message notifications.
- **Predefined Messages:** Can edit message templates for replies.
 - ✎ This option may not be available in some phone models.

Bluetooth System Info

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

Privacy Mode

Enable or disable Privacy Mode.

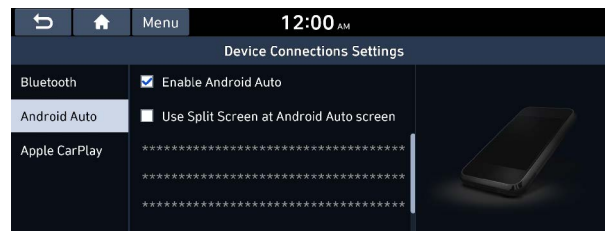
Hide data including contacts and call history from showing up on the system screen to protect privacy.

Reset

You can delete all registered Bluetooth devices and initialize Bluetooth 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 advanced system settings

You can configure the settings for notification and button actions.

- 1 On the All Menus screen, press **Setup ► Advanced.**

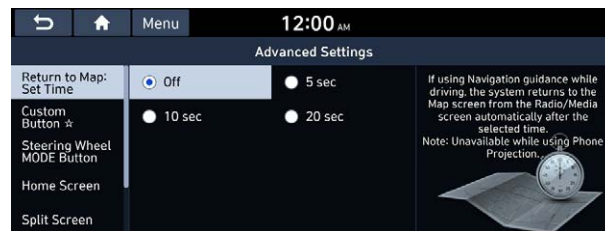
The advanced settings screen appears.

- 2 Configure the settings required:

Return to Map: Set Time

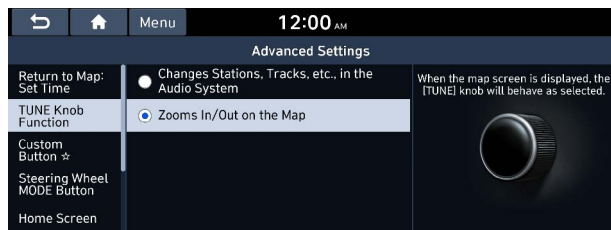
You can set the system to automatically display the map screen after a specified period of time when switched to the Radio/Media mode screen while using the navigation.

- ✎ This function works while driving once a destination has been set.
- ✎ This feature is not available on the phone projection screen.
- ✎ The screen may differ depending on the vehicle model and specifications.



TUNE Knob Function (if equipped)

You can change the [TUNE/FILE] knob's function on the map.



Changes Stations, Tracks, etc., in the Audio System

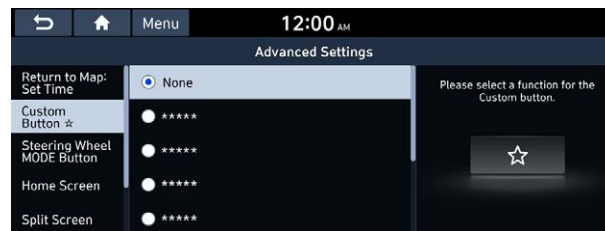
You can search music or adjust the radio frequency by using the [TUNE/FILE] knob on the map.

Zooms In/Out on the Map

You can zoom in or out the map by using the [TUNE/FILE] knob on the map.

Custom Button ☆

You can set the frequently used functions by pressing the custom button on the control panel. Set the frequently used functions as custom buttons to access them easily.

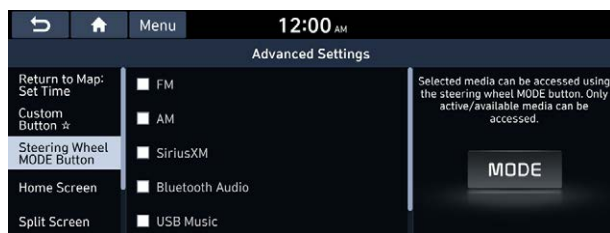


 The screen may differ depending on the vehicle model and specifications.

Steering Wheel MODE Button

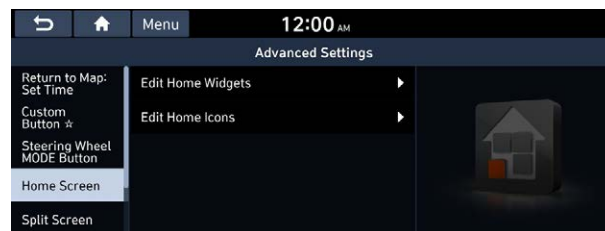
You can select the media mode to run when the **[MODE]** button on the steering wheel is pressed.

- ✎ You can add **AM** or **Phone Projection** function on each MODE button to perform easily.
- ✎ The screen may differ depending on the vehicle model and specifications.



Home Screen

You can change the layout of the Home screen.



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

Edit Home Widgets

You can edit the types and arrangement of home widgets.

- ✎ For more information: ► see ["Editing widgets on the Home screen."](#)

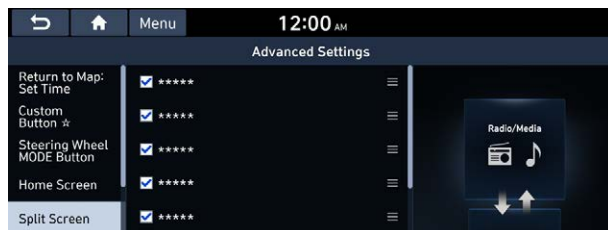
Edit Home Icons

You can edit the arrangement of home icons.

- ✎ For more information: ► see ["Editing icons on the Home screen."](#)

Split Screen (if equipped)

You can specify the items to display on the Split Screen.

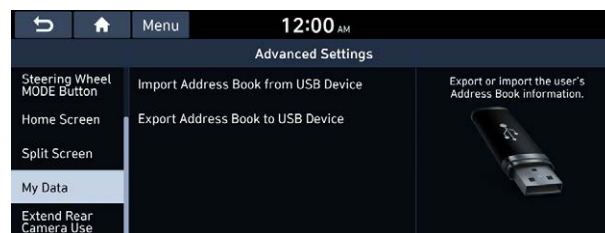


- ✎ The screen may differ depending on the vehicle model and specifications.
- ✎ This option is only available when the display supports Split Screen.
- ✎ On the screen list, press  on the right and drag the item to reposition.

My Data

You can import location data from a USB device to the system, or export the data on the system to a USB device.

- ✎ When importing or exporting the location data, you can use only the USB device formatted in exFAT, FAT16/32, or NTFS.
- ✎ The screen may differ depending on the vehicle model and specifications.



Import Address Book from USB Device

You can import the location data on a USB device to the system.

- ✎ The previous location data on the system is to be deleted.
- ✎ While importing from a navigation system that uses a different coordinate system, the locations may appear differently.

Export Address Book to USB Device

You can export the location data on the system to a USB device.

- ✎ The location data on the USB device is deleted.

Extend Rear Camera Use (if equipped)

You can set to display the rear camera display even when you change the shift position other than "R" (Reverse) after reversing.

- ✎ When you shift to "P" (Park) or drive at a predetermined speed or faster, the rear view display disappears to display the previous screen.

Configuring the sound settings

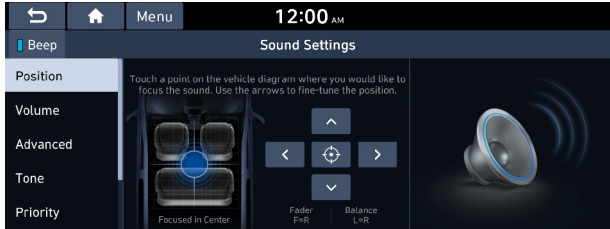
You can change the sound settings such as speaker volume and sound effects.

- ✎ Available settings may differ depending on the vehicle model and specifications.
- ✎ Some functions may not be available depending on the infotainment system and amplifier specifications on the vehicle.

- 1 On the All Menus screen, press **Setup ► Sound**.
The sound settings screen appears.
- 2 Configure the settings required:

Position

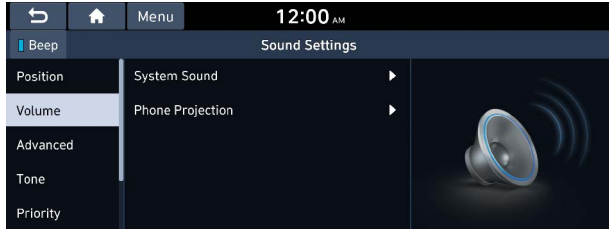
You can select a position where sound is more audible in the vehicle. By pressing the desired point on the seat image or pressing the arrow buttons, you can finely adjust the position. To concentrate the sound to the center of the vehicle, press .



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

Volume

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



System Sound

You can adjust the volume for each system function and initialize all volume settings.

 To initialize all system sound settings, press **Reset**.

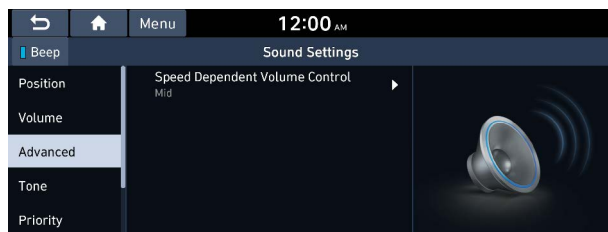
Phone Projection

You can adjust the volume of the phone projection and initialize all volume settings.

 To initialize all system sound settings of the phone projection, press **Reset**.

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

Automatically adjusts Audio volume according to vehicle speed.

Live Dynamic (if equipped)

Provides natural and vivid sound like real performance.

Bass Boost (if equipped)

Provides magnificent and dynamic sound by amplifying the bass.

Quantum Logic Surround (if equipped)

Provides the surround sound that can give spatial depth of field as on an actual stage.

Clari-Fi (if equipped)

Provides sound close to the original after recovering the sound lost during compression.

BOSE Centerpoint (if equipped)

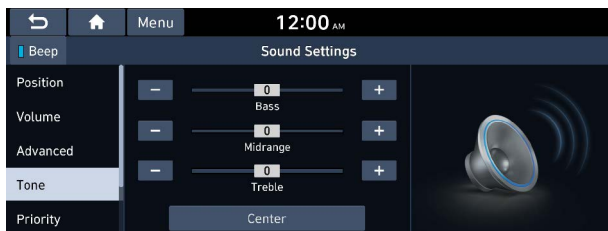
Provides rich surround sound after converting the sound sources such as digital files and satellite radio to stereophonic sound.

BOSE Dynamic Speed Compensation (if equipped)

Provides a stable listening environment by adjusting the audio volume depending on the vehicle speed.

Tone

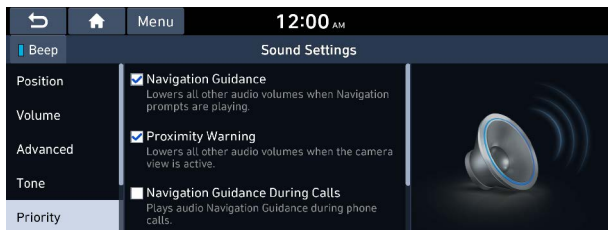
You can adjust the sound by adjusting the strengths (output levels) for each audio band: Bass, Midrange, and Treble. You can also initialize the output levels for all audio bands.



 To initialize the output levels for all audio bands, press **Center**.

Priority

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



Navigation Guidance

You can set to enable the navigation sound to be heard first when using both the navigation system and Radio/Media system.

Proximity Warning

Lowers all other audio volumes when the camera view is active.

Navigation Guidance During Calls

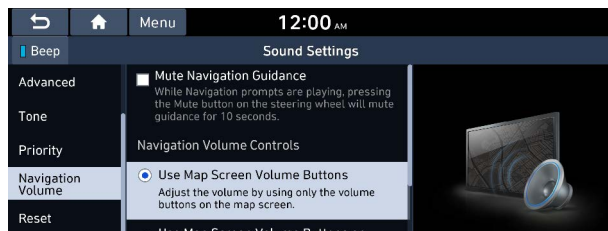
Even during a call, the navigation sound is heard.

Start-up Volume Limit

You can set to automatically decrease the audio volume to an adequate level when turning on the vehicle.

Navigation Volume

You can select a method to adjust the navigation volume.



Mute Navigation Guidance (if equipped)

Press the Mute button on the steering wheel when the navigation guidance is being output to set to mute the guidance volume for 10 seconds.

Use Map Screen Volume Buttons

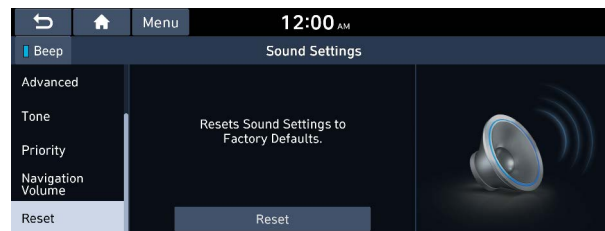
You can adjust the navigation volume by using the volume control button on the map screen.

Use Map Screen Volume Buttons or Volume Knob

By using the volume control button on the map screen or using the Volume knob on the control panel, you can adjust the navigation volume.

Reset

You can initialize all the sound settings.



Turning on/off the screen touch sound

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

Configuring the voice recognition settings

You can change the settings for voice recognition.

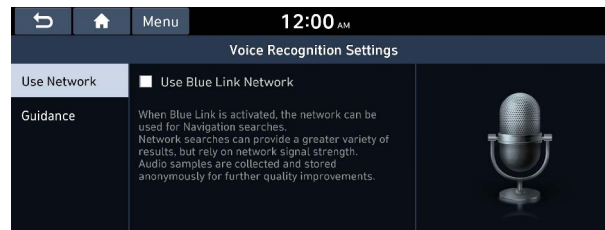
- 1 On the All Menus screen, press **Setup ► Voice Recognition**.

The voice recognition settings screen appears.

- 2 Configure the settings required:

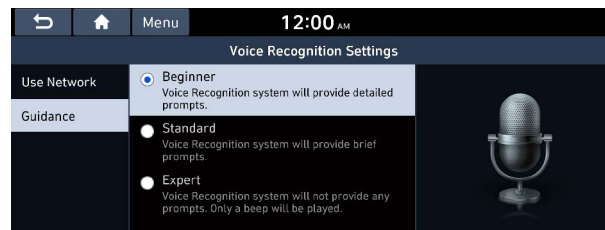
Use Network

When Blue Link is activated, press the button in the vehicle to initiate network Navigation searches. Network searches can provide a greater variety of results, but rely on network signal strength. Audio samples are collected and stored anonymously for further quality improvements.



Guidance

You can set whether to hear the voice recognition guidance briefly or in detail. You can also turn off the voice guidance.



Configuring the navigation settings

You can configure the navigation settings for navigation operations, screen display, voice guidance, etc. You can also export or import the location data.

✍ For details on how to use navigation functions, see the "Navigation" chapter. ▶ See "Navigation."

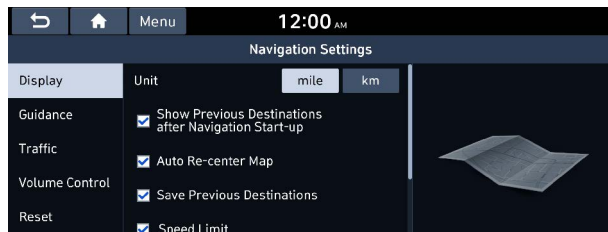
1 On the All Menus screen, press **Setup ▶ Navigation.**

The navigation settings screen appears.

2 Configure the settings required:

Display

You can specify the information to display on the navigation map screen.



Unit (if equipped)

You can set the distance unit of the navigation map to **mile** or **km**.

Show Previous Destinations after Navigation Start-up

You can set to automatically display the previous destinations on a pop-up window when the navigation system starts.

Auto Re-center Map

You can set the system to automatically display the current position when the specified period of time elapses after changing to another position on the map.

Save Previous Destinations

You can set to automatically save the previous destinations, searched ones, and starting points.

Speed Limit

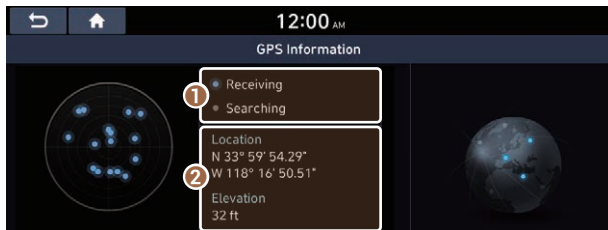
Sets whether or not to display the speed limits on the screen.

Return to Map: Set Time

You can set the system to automatically display the map screen after a specified period of time when switched to the Radio/Media mode screen while using the navigation. ► See “Return to Map: Set Time.”

GPS Information

Can see the GPS satellite status and coordinates of the current position.



The following information appears:

- 1 Can see the reception status of the satellite signals.
 - **Receiving:** Satellite signals are being received and the current position is recognized.
 - **Searching:** The system is scanning the satellite signals.
- 2 Can see the current location.

Guidance

You can configure the navigation guidance settings.



Number of Guidance Prompts

You can set to hear the navigation voice guidance as **Fewer** or **More**.

Navigation Guidance Priority

You can set to hear the navigation voice guidance in advance. When the setting is checked, the volume decreases automatically while in guidance.

Navigation Guidance During Calls

Sets whether or not to provide guidance during a call. When checked, you can hear the guidance during a call.

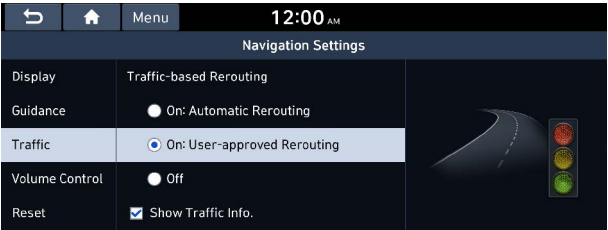
Map Auto-scale Settings

You can set the scales for each vehicle speed zone.

✎ For example, when you select “700 ft” for the 21–40 mi/h zone and “0.25 mi” for the 41–60 mi/h zone, the unit interval for the map scale on the navigation screen becomes 700 ft when the vehicle speed is 40 mi/h and 0.25 mi when the vehicle speed is 41 mi/h.

Traffic

You can set whether to display traffic information on the navigation map screen. In addition, you can set the system to apply changes in traffic conditions for guidance by performing periodic re-routing.



Traffic-based Rerouting

You can set the system to apply changes in traffic conditions for guidance by performing periodic re-routing.

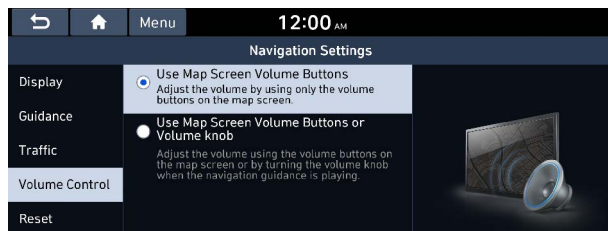
- **On: Automatic Rerouting:** Automatically changes to a faster route while in guidance.
- **On: User-approved Rerouting:** Displays the selection window for faster routes while in guidance.
- **Off:** Does not change the route.

Show Traffic Info.

Sets whether or not to display traffic information on the route of the map.

Volume Control

You can set how to adjust the volume while using the navigation system.



Use Map Screen Volume Buttons

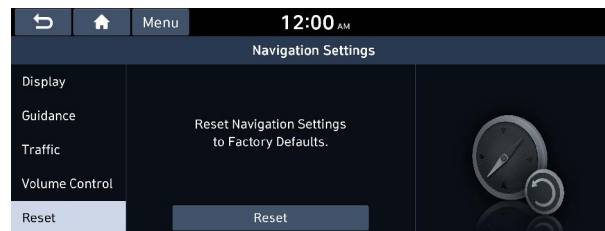
Can adjust the volume by using the button on the map screen.

Use Map Screen Volume Buttons or Volume knob

During voice guidance, you can use the volume control button on the map or Volume knob on the control panel.

Reset

You can initialize all the settings of the navigation system.



Configuring the Blue Link settings

You can subscribe to the Blue Link service or see the modem information.

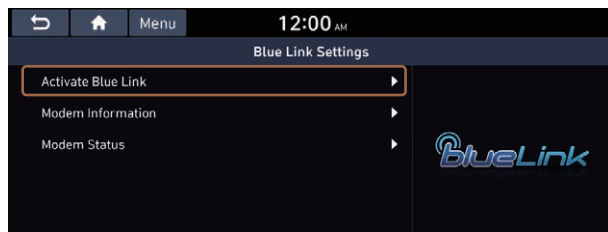
- 1 On the All Menus screen, press **Setup ► Blue Link**.

The Blue Link settings screen appears.

- 2 Configure the settings required:

Activate Blue Link

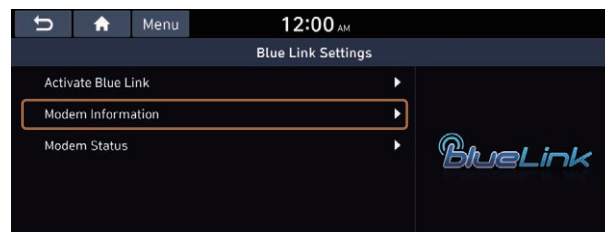
You can subscribe to the Blue Link service by using the Blue Link settings menu.



 For more information: ► see “Subscribing to the service.”

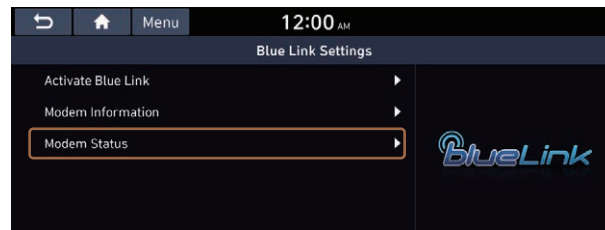
Modem Information

You can check the modem information for use of the Blue Link service.



Modem Status

You can check the modem status for use of the Blue Link service.



Configuring the user profile settings (if equipped)

You can additionally set profiles for each driver after First Run Setup.

1 On the All Menus screen, press **Setup ► User Profile**.

2 Press the user to change its profile.

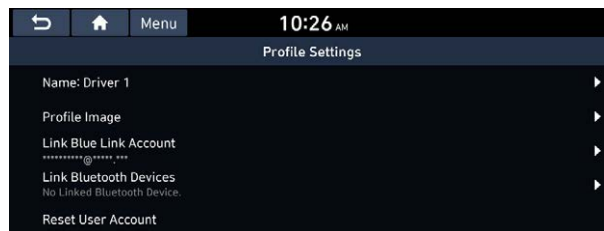
The User Profile Settings screen appears.

✎ Press **Change User** to switch to another user's profile.

✎ When you log in as guest, you cannot set the profile items additionally. To set a different profile, select another user.

Profile Settings

You can specify the details and operation environment for a registered user.



Name

You can specify the name of the user to display on the profile.

Profile Image

You can specify the image to display on the user profile.

Link Blue Link Account

You can use various services and convenient management features when linked to the registered Blue Link service.

 Subscribe to Blue Link to check the function. ► See "Subscribing to the service."

Link Bluetooth Devices

You can connect any registered Bluetooth device.

► See "Connecting a Bluetooth device."

Reset User Account

You can initialize all account settings.

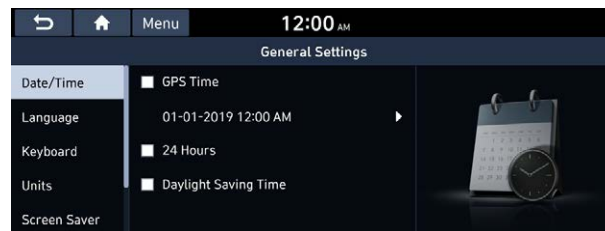
Configuring the general system settings

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, press **Setup ► 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.



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

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**, press the current date and time below **GPS Time**, and then set the date and time.

24 Hours

The system time is displayed in the 24-hour format.

- ✎ For example, when **24 Hours** is checked and the current time is 01:08 pm, the system screen displays the time as "13:08." When the checkbox is deselected, the time display changes to "01:08 PM."

Daylight Saving Time

Displays the system time in the format of Daylight Saving Time.

Language

You can set the system display language.



- ✎ The screen may differ depending on the vehicle model and specifications.
- ✎ 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 press 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 and voice recognition may not be supported.

Keyboard

You can change the keyboard type for each language to use when entering the text.



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

English Keyboard

You can select the keyboard type to use when entering the English text.

Default Keyboard

You can select the default keyboard type.

Units (if equipped)

You can specify the units to display on the system screen.



Distance and Speed

You can select the units for distance and vehicle speed to display on the screen.

Temperature

You can select the temperature unit to display on the screen.

Fuel Efficiency

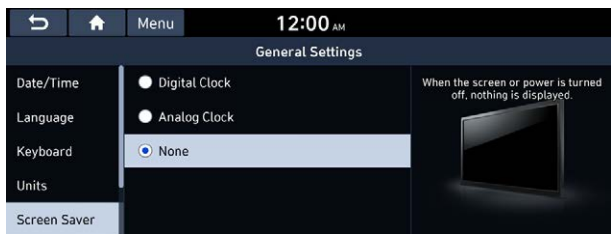
You can select the unit for fuel economy to display on the screen.

Tire Pressure

You can select the unit for tire pressure to display on the screen.

Screen Saver

You can select the items to display on the screen saver in standby mode.



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

Digital Clock

Displays the digital clock on the system screen saver.

Analog Clock

Displays the analog clock on the system screen saver.

None

Displays nothing on the system screen saver.

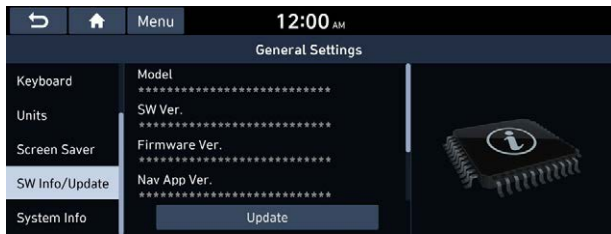
SW Info/Update

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

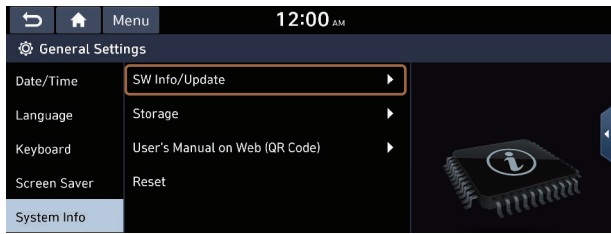
Perform any of the following methods:

- Setting in the **General** screen: On the All Menus screen, press **Setup ▶ General ▶ SW Info/Update**.
- Setting in the **System Info** screen: On the All Menus screen, press **Setup ▶ General ▶ System Info ▶ SW Info/Update**.

The SW Info/Update screen appears.



Type A



Type B

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

✎ For details on how to update the system software:
▶ see ["Updating the system software and map."](#)

System Info

You can check the system storage space. You can also use your smartphone to access the online user's manual of the system, or initialize all system settings to default values.



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

Storage

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

User's Manual on Web (QR Code)

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

Reset

You can initialize all system settings including general settings and navigation settings.



Caution

- When initialization is performed, all user data in the system including the location data is deleted.
- When phone projection is active, you cannot reset the system settings. To reset the settings, remove the USB cable from your system.

Configuring the display settings

You can change the system display settings such as display brightness.

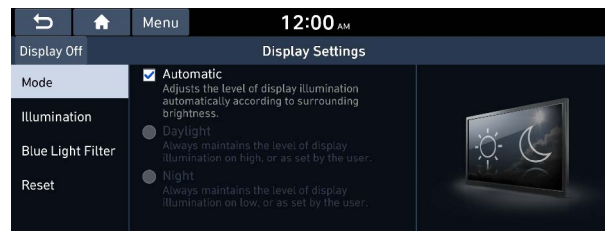
- 1 On the All Menus screen, press **Setup ► Display**.

The display settings screen appears.

- 2 Configure the settings required:

Mode

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.



Automatic

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.

Illumination

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.



Link to Cluster Illumination Control

The display brightness is automatically adjusted based on the cluster illumination.

Daylight

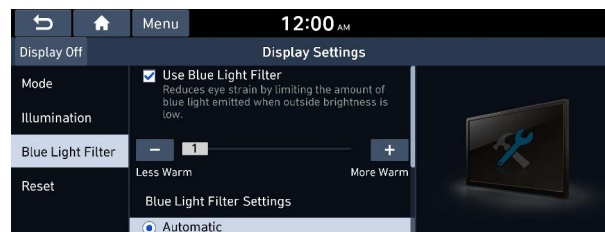
You can set the display brightness when **Daylight** is selected under **Mode**. Uncheck **Link to Cluster Illustration Control** and then set to the desired brightness.

Night

You can set the display brightness when **Night** is selected under **Mode**. Uncheck **Link to Cluster Illustration Control** and then set to the desired brightness.

Blue Light Filter

Enable blue light filtering to adjust the screen light to reduce the level of eye strain.



Use Blue Light Filter

Enable or disable blue light filtering.

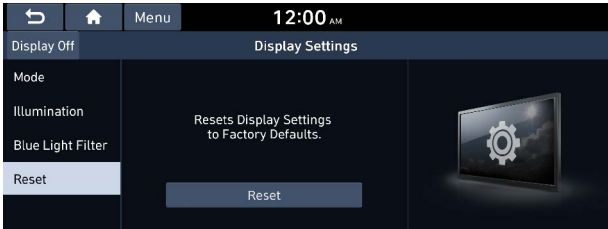
Blue Light Filter Settings

Set to activate blue light filtering automatically based on the ambient light or pick the time range manually.

- **Automatic:** Enable blue light filtering based on the ambient light.
- **Scheduled Time:** Enable blue light filtering during the set time range.

Reset

You can initialize all display settings such as brightness.



Configuring the media settings

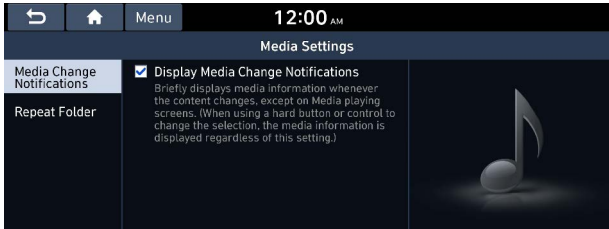
Set to receive a notification when the information changes during playback or to include sub-folders when playing a folder on repeat.

- 1 On the All Menus screen, press **Setup ► Media**.
The media settings screen appears.

- 2 Configure the settings required:

Media Change Notifications

You can set to briefly display media information at the top of screen while playing the next item when you move from the media player screen to another.



Repeat Folder

Set to include sub-folders when playing a folder on repeat.



Updating the system software and map

You can update the navigation map and infotainment system. Please visit your local dealership to update your system.

- ✎ Any changes made after the update file is created are not reflected in 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.

10

Driver assistance



Driver Assistance

Driver Assistance (if equipped)

You can set to use various systems that assist the driver for safety.

- **Smart Cruise Control:** A driving convenience system that helps driving at the desired speed while maintaining a safe distance to the car in front of you.
- **Lane Following Assist:** A driving convenience system that helps following the lane.
- **Highway Driving Assist:** A driving convenience system that helps maintaining the center of the lane at an appropriate speed while keeping a safe distance to the car in front of you on a highway.
- **Navigation-based Smart Cruise Control:** A driving convenience system that helps driving at the appropriate speed on a highway using navigation.
- **Forward Collision-Avoidance Assist:** A driving safety system that helps prevent collision with obstacles in front of the car by providing warning and assist.
- **Lane Keeping Assist:** A driving safety system that helps prevent a car from deviating from the lane by providing warning and assist.
- **Blind-Spot View Monitor:** A driving safety system that shows the blind-spot area which cannot be seen on the side mirrors.
- **Safe Exit Assist:** A driving safety system that assists safe exit when there is a risk of collision while exiting the car.

- **Blind-Spot Collision-Avoidance Assist:** A driving safety system that helps prevent collision with obstacles in the blindspot of the car by providing warning and assist.
- **Remote Smart Parking Assist:** A parking convenience system that helps parking in narrow parking spaces.

1 On the All Menus screen, press **Setup ► Vehicle ► Driver Assistance**.



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

2 Configure the settings required:

Warning

- Be sure to always check the road conditions while driving. The driving assist system helps you drive safely and conveniently. Relying solely on the driving assist system may cause violation of traffic rules and regulations, resulting in an accident.
- Be sure to control the vehicle by your judgment and keep traffic regulations for safety. When the driving assist system is active, drive the vehicle with keeping eyes forward and checking the surroundings.
- Not all driving assist system warnings or sub-features are necessary when they are active, and they do not replace the driver discretion under any circumstances. Stay focused on the road while driving.

Caution

Be sure to always check the vehicle surroundings while driving. The equipped cameras and sensors may not operate under all driving conditions.

SCC Reaction (if equipped)

Adjusts the responsiveness of Smart Cruise Control to the acceleration of a leading vehicle.

Driving Assist (if equipped)

You can set to use the safe driving options such as lane keeping assistance and speed limit warning.

-  The driving assist system operates based on the information from the navigation system so you must use the system only when the navigation system operates normally.

Smart Cruise Control (if equipped)

According to the speed of a leading vehicle, it assists to keep the safety distance at a set speed.

Lane Following Assist (if equipped)

Helps the steering wheel control to keep the correct lane while driving.

Warning

The Lane Following Assist (LFA) system is not a substitute for safe driving practices, but a convenience function. It is the responsibility of the driver to always be aware of the surroundings and steer the vehicle.

Caution

Be sure to always check the vehicle surroundings while driving, because the lane following assist system may not work properly when the lane and road conditions are poor.

Highway Driving Assist (if equipped)

When you are driving on an federal highway, the system helps you keep the correct lane according to the set speed and inter-vehicle distance.

-  The highway driving assist system operates only on a highway. When the vehicle exits from the highway, the system is turned off automatically.

Highway Auto Speed Zone Slowdown (if equipped)

The driving speed automatically decreases in the expressway speed zone.

-  The highway auto speed zone slowdown system operates only on a highway. When the vehicle exits from the highway, the system is turned off automatically.
-  It operates considering the speed cameras located on the selected route.

Highway Auto Curve Slowdown (if equipped)

The driving speed automatically decreases in the highway curve zone.

-  It operates based on the curve zones on the route. When the destination is not set, it operates based on the curve zones on the expected path.

Speed Limit Warning (if equipped)

Displays the speed limit of the current road. When the vehicle speed exceeds the limit, it automatically decreases the vehicle speed as well as generating alarms.

Warning Timing (if equipped)

If necessary, set the time to output alerts when any alarm is generated by driver attention warning and forward safety system.

Warning Volume (if equipped)

You can adjust the volume of the alert sound upon danger of forward or blind spot collision

Driver Attention Warning (if equipped)

If necessary, set to output alerts to prevent accidents by analyzing the driving patterns.

Leading Vehicle Departure Alert (if equipped)

When the leading vehicle departs, the notification is provided.



Warning

Be sure to always check the road conditions ahead or surroundings before departure. An accident caused by distracted driving can be prevented.

Safety Notice Call (if equipped)

Used to set to make a call for checking your safety to Blue Link Center when suspected that vehicle movement is dangerous.

Forward Safety (if equipped)

You can set to help detect and monitor the vehicle ahead.

Active Assist (if equipped)

Helps mitigate a collision by generating a warning sound and may provide braking assist. Ref. to owners' manual for details.



Warning

This system is only a supplemental system and it is not intended to, nor does it replace the need for extreme care and attention of the driver. The sensing range and objects detectable by the sensors are limited. Pay attention to the road conditions at all times.

Warning Only (if equipped)

Produces a warning alarm in accordance with the collision risk level.

Off (if equipped)

Turns off the forward safety function.

Lane Safety (if equipped)

Set to generate warning or provide assist to help the vehicle stay in its lane.

Lane Keeping Assist (if equipped)

Helps prevent lane deviation by generating warning sound and help the vehicle between stay in its lane.



Warning

The Lane Keeping Assist (LKA) system is not a substitute for safe driving practices, but a convenience function only. It is the responsibility of the driver to always be aware of the surroundings and steer the vehicle.



Caution

When the lanes are not recognized well by front cameras, always check the surroundings because the lane keeping assist system may not work properly.

Lane Departure Warning (if equipped)

When a danger of lane deviation is detected, the warning sound is generated.

Off (if equipped)

Turns off the lane safety function.

Blind-Spot Safety (if equipped)

You can set to generate warning sound and may provide active assist if there is a possible collision with an approaching vehicle while changing lanes.

Blind-Spot View (if equipped)

Displays the blind spot view on the instrument cluster when the turn signal lamp is blinking.

Safe Exit Assist (if equipped)

Help prevent the passengers from opening a door by warning the passengers when an approaching vehicle from the rear area is detected after the vehicle stops.

Caution

- The Safe Exit Assist (SEA) system may not operate normally when a vehicle is coming rapidly two lanes over from your vehicle or a vehicle is approaching at a fast speed from the rear in the lane next to your vehicle.
- The Safe Exit Assist (SEA) system may not operate normally if there is any vehicle or obstacle at the rear area of your vehicle.
- The Safe Exit Assist (SEA) system may be activated later than normal or may not operate normally if a vehicle is approaching fast from the rear of your vehicle.
- The Safe Exit Assist system may not operate when the blind spot detection system malfunctions as follows:
 - The blind spot collision warning message appears on the instrument cluster.
 - The sensors of the blind spot detection system are contaminated or covered.
 - The blind spot detection system does not generate warning or generates a wrong alert.

Active Assist (if equipped)

Helps prevent collision by generating warning sound and helping you adjust the vehicle speed if any suspected blind spot collision danger.

Warning

Always be aware of road conditions while driving and be alert for unexpected situations even though the Blind-Spot Collision Warning system and Blind-Spot Collision Avoidance Assist system are operating.

Warning Only (if equipped)

When a danger of blind spot collision is detected, the warning sound is generated.

Off (if equipped)

Turns off the blind spot safety function.

Parking Safety (if equipped)

You can set to generate warning sound and may provide assist when an obstacle is detected while parking.

Parking Distance Warning Auto On (if equipped)

Automatically turns on the alarming function depending on the distance to obstacles upon parking or driving in low speeds.

Rear Cross-Traffic Safety (if equipped)

Assists to generate warning sound and may provide assist if a potential collision is detected when the vehicle is in reverse.

Active Assist (if equipped)

Helps prevent collision by generating warning sound and may provide braking assist if a potential collision is detected while the vehicle reversing.

Warning Only (if equipped)

The warning sound is generated if a danger of collision is detected when reversing the vehicle.

Off (if equipped)

Turns off the parking safety function.



Warning

- Even though the vehicle is equipped the parking safety system, be sure to check any obstacles in the rear while driving. Relying solely on the driving assist system may cause an accident. Accordingly, be sure to control the vehicle by your judgment.
- When the sensors cannot detect any obstacles due to the detection limit, it may cause an accident. Be sure to always check the surroundings while parking.

Parking Convenience (if equipped)

Remote Smart Parking Assist (if equipped)

Remotely assists for parking or departing by using a smart key.

11

Appendix



Solutions

System status indicator icons

FAQ

Product specifications

Important information

Index

Trademarks

Open Source Information

Solutions

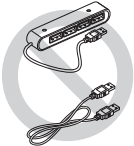
Before reporting a malfunctioning system, refer to the following table and see if you can identify and fix the problem. If the problem persists or you are unable to locate your specific need, contact your place of purchase or dealer.

Sound and display

Symptom	Possible cause	Solution
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 Power button on the control panel to turn on the system.
	Sound volume is too low.	Turn the Volume knob on the control panel to adjust the volume.
	Sound is muted.	Press the Mute button on the steering wheel to unmute.
Sound is audible from only one side of the speakers.	Sound is imbalanced.	On the All Menus screen, press Setup ► Sound ► Position and adjust the sound outputs for the left and right speakers. ► See “Position.”
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, press Setup ► Display ► Illumination , and then adjust the brightness. ► See "Illumination."
	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.	If the problem persists, contact your place of purchase or dealer.
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

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 USB port and then reconnect it properly.
	The USB device is dirty.	Remove foreign materials from the surface that contacts the USB device and USB port.
	A USB hub or extension cable is used.	Connect the USB device directly to the USB port on the vehicle.
		
		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

Symptom	Possible cause	Solution
The system is not detected by a Bluetooth device.	Registration mode needs to be run.	On the All Menus screen, press Setup ► Device Connections ► Bluetooth ► Bluetooth Connections ► Add New to run the registration mode and perform search again from the Bluetooth device. ► See "Connecting a 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 / 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

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. • Android Auto: https://support.google.com/androidauto • Apple CarPlay: http://www.apple.com/ios/carplay
	The function is inactive.	• On the All Menus screen, press Setup ► Device Connections, 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. • Initialize 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. • Initialize the smartphone and connect the device again.

System operation

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.	• Restart the system by pressing the reset button with a sharp object such as pen or clip. • If the problem persists, contact your place of purchase or dealer.
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. • If the problem persists, contact your place of purchase or dealer.

Navigation system operation

Symptom	Possible cause	Solution
The destination is not searched.	Outdated map data	To update your system, visit your local dealership.
Route guidance of the navigation system does not match the actual road conditions.	Outdated map data	To update your system, visit your local dealership.
	There have been changes in the road after a map update.	Route guidance of the navigation system may not match the actual road conditions even after the map is updated to the latest version because the update depends on the creation date. Be sure to drive according to actual road conditions and regulations.
Guidance is made by bypassing the route or the speed camera alerts are not followed.	The update for the system and map data is required.	To update your system, visit your local dealership.
The real-time traffic information is not received.	Poor signal reception	• Reception of traffic information may not be made smoothly in mountain and island areas. Check the reception status again in a region with strong signals. • If the problem persists, contact your place of purchase or dealer.

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



Nav	Navigation sound muted
Audio	Radio/Media sound muted
Nav Audio	All sound outputs muted
	Recording a voice memo

Bluetooth/call



	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 contact and list of recent calls from the connected Bluetooth phone

Blue Link



	Talking with a Blue Link phone
	Blue Link phone's microphone off
	Vehicle location sharing
	Sending the vehicle location
	Receiving the vehicle location
	Sending/receiving the vehicle location
	Blue Link network's signal strength

System update



	Scheduling the update
	Updating

Available functions in the rear seat (if equipped)



	Rear-seat remote control locked
	Rear-seat sleep mode On
	Front-seat driver is having a conversation with a rear-seat occupant

Wireless charging



	Wireless charging in progress
	Wireless charging complete
	Wireless charging failure

 Some icons may not appear depending on the vehicle model and specifications.

FAQ

Navigation

Q How can I update the map?

A You can download the latest map data to a USB device and use the device to update the map. ► See “Updating the system software and map.”

Q Guidance is made by bypassing the route or the speed camera alerts are late.

A Select another route after setting the route options. On the map screen, press **Menu ► Route ► Route Options** to change the settings and resume navigation. ► See “Changing the route search criteria.”

When the system is not updated, update the software and map and then perform search again. ► See “Updating the system software and map.”

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, press **Setup ► Device Connections ► Bluetooth ► Bluetooth Connections ► 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, press **Delete Devices** from the list of Bluetooth devices, select the device to delete, and then press **Delete**. ► See “Deleting 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 Call button on the steering wheel and press  on the call screen. You can search for a contact and make a call to the contact, or add the contact to the favorites. ► See “Dialing from the contacts.”

Broadcast reception

Q I turned on the radio while driving but I heard 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.”

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

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

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

- ✎ 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
- ✎ 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 recognized.
 - USB memory cards (e.g. CF cards, SD cards) may not be recognized.
- ✎ 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 Cruiser	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	DIGI Works

- ✎ USB hard drives may not be recognized.
- ✎ 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 °C
Storage temperature range	-40 to +85 °C
Electric current consumption	2.5 A

Radio

Item	Specifications
Available channels	FM: 87.5–107.9 MHz (step: 200 kHz) AM: 530–1710 kHz (step: 10 kHz)
Sensitivity	FM: Within 10 dBuV AM: Within 35 dBuEMF
Distortion factor	Within 2 %

Bluetooth

Item	Specifications
Frequency range	2400–2483.5 MHz
Supported Bluetooth version	4.1
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
Antenna power output	2.5 mW (max.)
Number of channels	79

LTE RF

Item	Specifications	
LTE	Reception	Frequency: 1930 MHz to 1990 MHz (B2), 2110 MHz to 2155 MHz (B4), 869 MHz to 894 MHz (B5), 746 MHz to 756 MHz (B13) Sensitivity: -94.3 dBm under@10 M (B2,5), -96.3 dBm under@10 M (B4), -93.3 dBm under@10 M (B13) (Throughput ≥ 95 %)
	Transmission	Frequency: 1850 MHz to 1910 MHz (B2), 1710 MHz to 1755 MHz (B4), 824 MHz to 849 MHz (B5), 777 MHz to 787 MHz (B13) Maximum RF output power: Power Class3 (B4, B13), 20.3 dBm to 25.7 dBm (conducted)

Item	Specifications	
CDMA	Reception	Frequency: 869 MHz to 894 MHz (BC0), 1930 MHz to 1990 MHz (BC1) Sensitivity: -104 dBm under (FER = 0.5 % under)
	Transmission	Frequency: 824 MHz to 849 MHz (BC0), 1850 MHz to 1910 MHz (BC1) Maximum RF output power: Power Class3 (BC0), Power Class2 (BC1), 23.01 dBm to 30 dBm (conducted)

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

Voice command control

Features within the system may be executed using only voice commands. Using voice commands while driving allows you to operate the system without removing your hands from the steering wheel.

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.

Navigation features

Navigation features included in the system are intended to provide detailed instructions to get you to a desired destination. Ensure that all persons using this system carefully read and follow all instructions on safety information.

Distraction hazard

Some navigation features may require manual (non-verbal) setup. Attempting to perform such setup or inputting data while driving can seriously distract your attention and could cause an accident. Stop the vehicle in a safe and legal manner before attempting these operations.

Let your judgment prevail

Any navigation features are provided only as an aid. Make your driving decisions based on your observations of local conditions and existing traffic regulations. Any such feature is not a substitute for your personal judgment. Any route suggestions made by this system should never replace any local traffic regulations or your personal judgment or knowledge of safe driving practices.

Route safety

Do not follow the route suggestions if doing so would result in an unsafe or illegal maneuver, if you would be placed in an unsafe situation, or if you would be directed into an area that you consider unsafe. The driver is ultimately responsible for the safe operation of the vehicle and must evaluate whether it is safe to follow the suggested directions.

Potential map inaccuracy

Maps used by this system may be inaccurate because of changes in roads, traffic controls or driving conditions. Always use good judgment and common sense when following the suggested routes.

Emergency services

Do not rely on any navigation features included in the system to direct you to emergency services. Ask local authorities or an emergency services operator for these locations. Not all emergency services such as police, fire stations, hospitals and clinics are contained in the map database for navigation features.

Use of speech recognition functions

Speech recognition software is inherently a statistical process which is subject to errors. It is your responsibility to monitor any speech recognition functions included in the system and address any errors.

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FCC Warning

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.

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.

MEMO



MEMO



MEMO



MEMO

