

XCIENT Fuel Cell



7XMS7-D2000

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

To obtain the source code developed under the open source license installed on this product, please visit <https://www.mobis.co.kr/en/tech/rnd.do#open>. You can download all applicable license notices, including the source code. If you send an e-mail to MOBIS_OSSrequest@mobis.co.kr within three years of purchasing this product to request an open source code for the software on this product, you will receive it in CD-ROM and other storage mediums with minimal charge, such as costs for medium and transportation.

Available information for users



Car Infotainment System User's Manual

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



Car Infotainment System Quick Reference Guide

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



Quick Guide

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

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

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

Symbols used in this guide



Warning

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



Caution

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



Note

Indicates helpful information for convenient use.

*if equipped

Indicates descriptions for optional features.

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

Safety warnings

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



About driving

Do not operate the system while driving.

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

Avoid watching the screen while driving.

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

Stop your vehicle first before using your mobile phone.

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

Keep the volume low enough to hear external sounds.

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

About handling the system –

Do not disassemble or modify the system.

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

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

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

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

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



Note

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

Safety cautions

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

About operating the system

Use the system with the engine running.

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

Do not install unapproved products.

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

About handling the system –

Do not apply excessive force to the system.

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

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

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

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



Note

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

HYUNDAI VEHICLE OWNER PRIVACY POLICY

Your Hyundai vehicle may be equipped with technologies and services that use information collected, generated, recorded or stored by the vehicle. Hyundai has created a Vehicle Owner Privacy Policy to explain how these technologies and services collect use and share this information.

You may read our Vehicle Owner Privacy Policy on the Hyundaiusa.com website at: <https://www.hyundaiusa.com/owner-privacy-policy.aspx>

If you would like to receive a hard copy of our Vehicle Owner Privacy Policy, please contact our Customer Connect Center at:

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P.O. Box 20850
Fountain Valley, CA 92728
800-633-5151
consumeraffairs@hmmausa.com

Hyundai's Customer Connect Center representatives are available Monday through Friday, between the hours of 5:00 AM and 7:00 PM PST and Saturday and Sunday between 6:30 AM and 3:00 PM PST (English).

For Customer Connect Center assistance in Spanish or Korean, representatives are available Monday through Friday between 6:30 AM and 3:00 PM PST.

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1 System overview

Component names and functions

Turning the system on or off

Controlling the touch screen

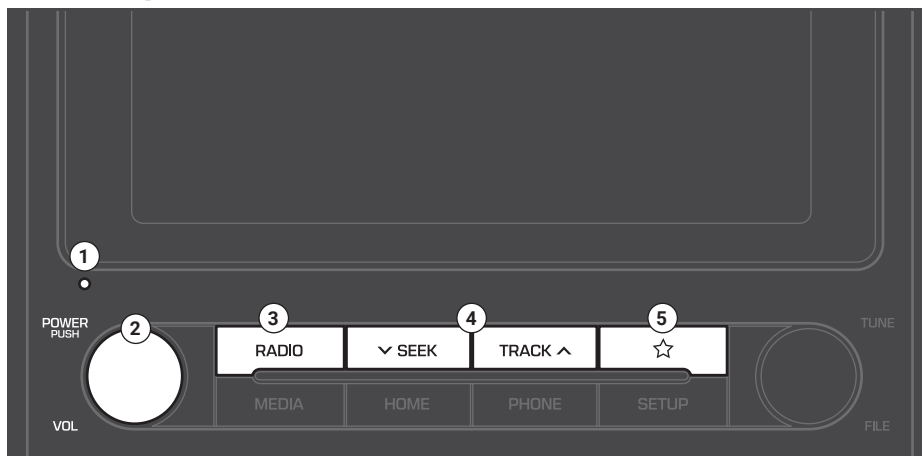
Getting to know the Home screen

Getting to know the rear view screen

Using the climate control system (*if equipped)



Component names and functions



❶ Reset button

❷ POWER button/VOL knob

- Press to turn the radio/media function on or off.
- Press and hold to turn off the screen and the sound.
- Turn to adjust the system sound volume.

❸ RADIO button

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

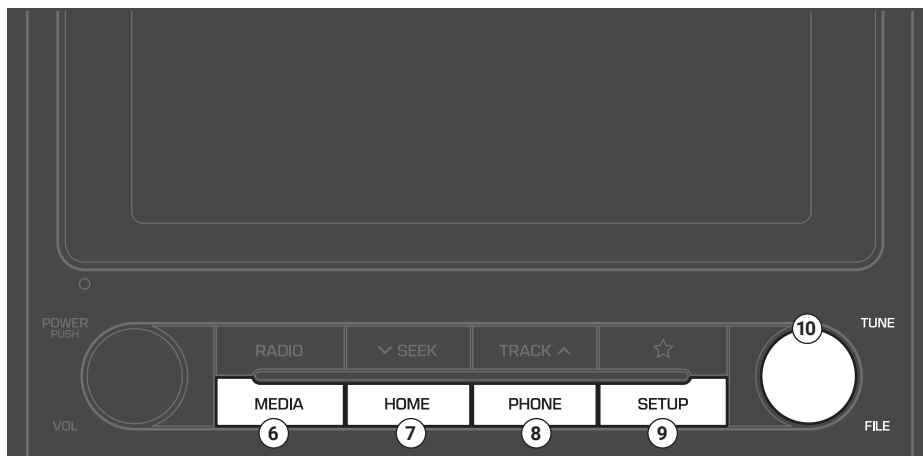
❹ ∨ SEEK/TRACK ∧ button

- While listening to the radio, change the station.
- While playing media, change the track/file. Press and hold to rewind or fast forward (except for the AUX and Bluetooth audio modes).

❺ Custom button (☆)

- Press to use a custom function.
- Press and hold to access the function setting screen.

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



6 MEDIA button

- Press to play content from a media storage device.
- Press and hold to display the media selection window.

7 HOME button

- Press to access the Home screen.

8 PHONE button

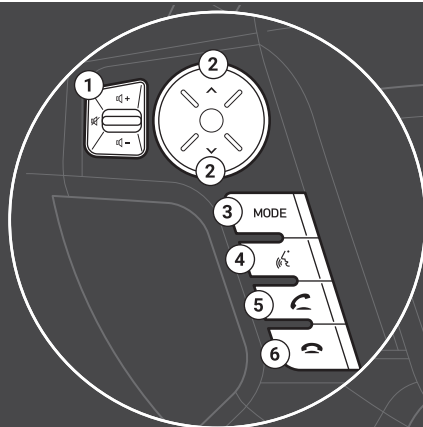
- Press to start connecting a mobile phone via Bluetooth.
- After a Bluetooth phone connection is made, press to access your call history.

9 SETUP button

- Press to access the settings screen.
- Press and hold to access the version information screen.

10 TUNE knob/FILE knob

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



① Volume lever (⏮/+/-)/Mute button (🔇)

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

② Up/Down button (^/v)

- While listening to the radio, switch between the stations on the preset list. Press and hold to search for a station.
- While playing media, change the track/file. Press and hold to rewind or fast forward (except for the AUX and Bluetooth audio modes).

③ MODE button

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

④ Voice recognition button (🎤)

- Press to start voice recognition. Press and hold to end voice recognition.
- If the system does not support voice recognition, press and hold to start or end voice recognition of a connected smartphone via phone projection. (The button's operation may vary depending on smartphone specifications.)

⑤ Call/Answer button (↶)

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

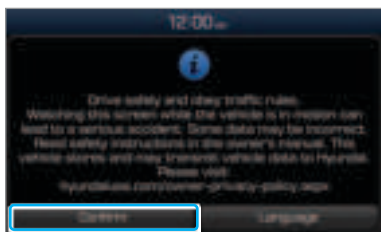
⑥ Call end button (↷)

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

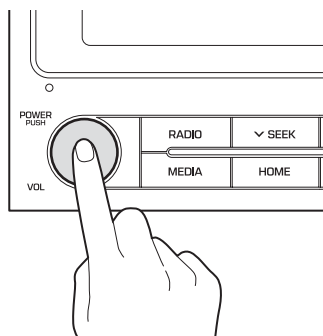
Turning the system on or off

- 1 To turn on the system, start the engine.
- 2 When the safety warning appears, read it and touch **Confirm**.

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



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



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

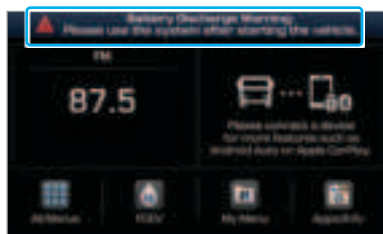
- Depending on the vehicle model or specifications, the system may turn off as soon as you turn off the engine.
- When you turn back on the system, the previous mode and settings will remain intact.

Warning

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

Caution

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



Note

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

Controlling the touch screen

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

Warning

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

Caution

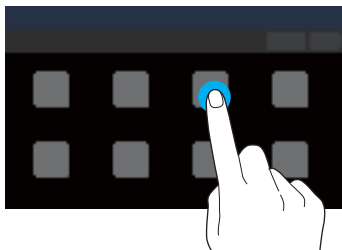
- Do not apply excessive pressure to the touch screen or touch it with a pointed object. Doing so may damage the touch screen.
- Do not let any electrically conductive material contact the touch screen, and do not place any objects that generate electromagnetic waves, such as wireless chargers or electronic devices, near the touch screen. The system may work incorrectly due to electromagnetic effects, which may cause the touch screen to malfunction.

Note

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

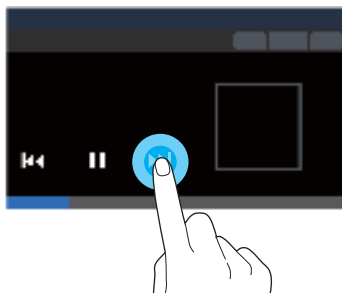
Touch

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



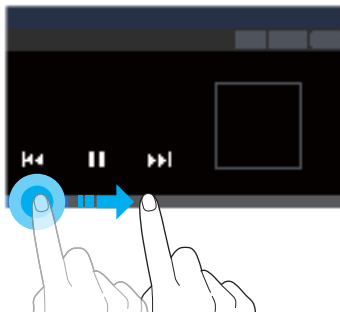
Touch and hold

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



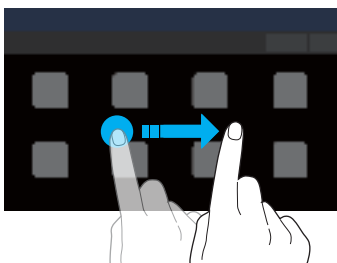
Drag

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



Swipe

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



Getting to know the Home screen


From the Home screen, you can access various functions.



- ❶ Current time and date
- ❷ System status icons. Status icons are not included in the screenshots in this guide, because their appearance may differ depending on the system status or mode. ▶ See p.10-2 "System status icons."
- ❸ Radio/media information. Touch to activate the corresponding radio/media mode in full screen.
- ❹ Connection information. The connection status and function icons are displayed.
- ❺ Access the All Menus screen.
- ❻ Access the smart driving maintenance (FCEV) menu.
- ❼ Access the My Menu screen. ▶ See p.3-2 "Setting up My Menu."
- ❽ Run apps and view the quick guide.



Note

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

Getting to know the rear view screen

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

The rear view provides a safer experience when you park your vehicle.



Warning

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

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



Caution

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



Note

- The rear view screen remains active while you are backing up. When you shift to any position other than "R" (Reverse) after backing up, the rear view screen will be deactivated and the system will display the previous screen automatically.
- If an object comes too close to your vehicle as you are parking the vehicle, a warning beep will sound. To prevent an accident that might result if you do not hear the beep, you can set the system to decrease the volume level of any media playing automatically when you are parking the vehicle. On the Home screen, touch **All Menus ► Setup ► Sound ► Priority ► Proximity Warning**.

Using the climate control system (*if equipped)

You can check the current status of the climate control system via the system screen.

On your vehicle, press the **[CLIMATE]** button.

- For more information on how to use the climate control system, refer to the owner's manual of your vehicle.



- 1 Customize the climate control settings.
► See p.8-2 "Climate Settings."
- 2 Interior temperature
- 3 Air direction
- 4 Air volume
- 5 AUTO mode activated
- 6 Climate control activated only for the driver's seat
- 7 Air conditioner turned on
- 8 Heater only mode activated

If you operate the climate control system while using your system, the climate control settings are displayed at the top of the screen.



Note

- The interior temperature is displayed in units of 1 °F.
- The AUTO mode will be deactivated automatically in the following situations:
 - When you adjust the air volume or direction
 - When you turn on or off the air conditioner
 - When you activate the front windshield defroster
- Depending on vehicle models or specifications, some functions may not be supported.

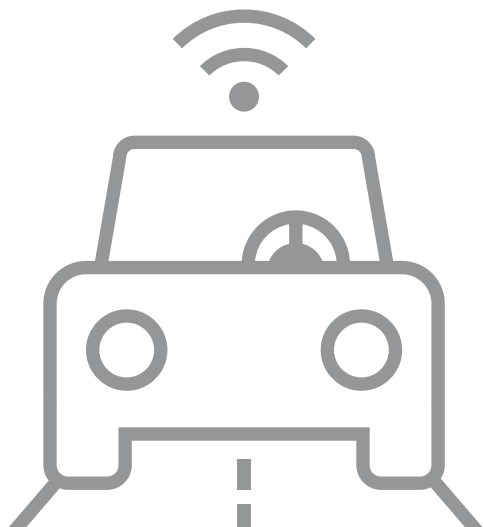
2

Smart driving maintenance (FCEV)

Starting the smart driving maintenance (FCEV) menu

Checking the hydrogen tank status

Viewing the fuel cell monitor



Starting the smart driving maintenance (FCEV) menu

You can use convenient features for fuel cell electric vehicles, such as checking the remaining hydrogen level and monitoring the fuel cell and hydrogen tank.

On the Home screen, touch **FCEV**.



- 1 View remaining hydrogen level.
- 2 View the drivable distance with the current hydrogen level.
- 3 View real-time fuel cell energy flow.
▶ See p.2-3 "Viewing the fuel cell monitor."
- 4 Check the status of the hydrogen tank, such as temperature and tank pressure. ▶ See p.2-2 "Checking the hydrogen tank status."



Note

- Depending on the vehicle model or specifications, the screen layout and available options may vary.
- The drivable distance is an estimate based on the real-time fuel efficiency. If your driving pattern changes, the estimated drivable distance will change accordingly.

Checking the hydrogen tank status

You can check the temperature, pressure and tank status of the hydrogen tank.

To check your hydrogen tank information, on the Home screen, touch **FCEV ▶ Hydrogen Tank**.



- 1 View hydrogen tank temperature status.
- 2 View hydrogen tank pressure status.
- 3 View hydrogen tank status.

Viewing the fuel cell monitor

You can view battery status and the energy flow between the hydrogen tank, fuel cell, battery and the motor according to the vehicle's driving status.

On the Home screen, touch **FCEV**

► **Energy Flow.**



Driving

- Driving the vehicle with the fuel cell's power and battery's power



- Driving the vehicle with the fuel cell's power



- Driving the vehicle with the battery's power



- Charging the battery with the motor's power, and driving the vehicle with the fuel cell's power



Decelerating

- Charging the battery with the deceleration energy from braking



Idle charging mode

- Charging the battery with the fuel cell's power while the vehicle is in idle mode



3

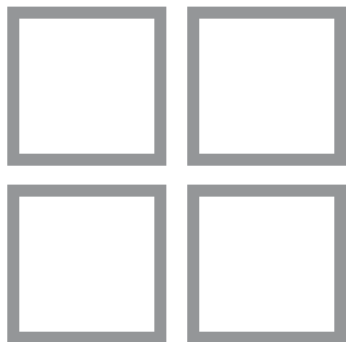
Useful features

Setting up My Menu

Using Voice Memo

Using phone projection

Using SiriusXM™ data services



Setting up My Menu

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

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

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

- 2 Select items to add and touch **Add ► Yes.**

Editing My Menu

You can rearrange the items added to My Menu.

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

- 2 Drag an item to a desired location.

You can delete the items added to My Menu.

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

- 2 Select items to delete and touch **Delete ► Yes.**

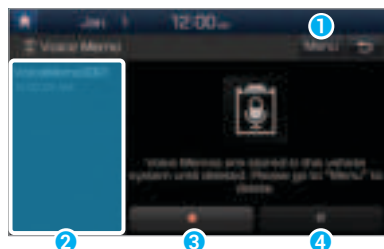
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Using Voice Memo

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

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



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

- 3 Record/Pause button
 - Touch  to start recording.
 - Touch  to pause recording.
- 4 Stop button
 - Touch  to stop recording. The recorded memo is added to the voice memos list on the left of the screen.
 - You can also press the [>] button on the steering wheel.



Note

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

Using phone projection

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



Warning

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



Caution

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

Connecting your iPhone via Apple CarPlay

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

Apple CarPlay support on your iPhone

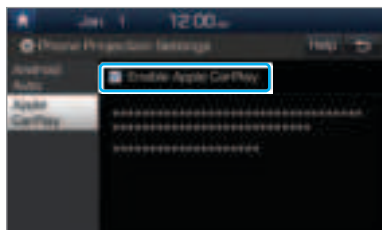
Visit the Apple homepage (<https://www.apple.com/ios/carplay>) and check the iPhone models that support Apple CarPlay.

Apple CarPlay and Siri activated or updated on your iPhone

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

Start Apple CarPlay by following the steps below:

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



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

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



Caution

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

- 3 If your iPhone is locked, unlock it and agree to use Apple CarPlay.

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

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

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

- Touch an icon on the screen to run an app or perform a function.
- Press and hold the [⏏] button on the steering wheel to start Siri.
- Press the [📞] button on the steering wheel to answer an incoming call.



Note

When you are using your iPhone's navigation via Apple CarPlay, sounds from both the system's radio/media function and the navigation will be output through your vehicle's speakers. When you turn the [VOL] knob while both sounds are being output, the navigation volume is adjusted first.

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



Note

- When Apple CarPlay is active, you cannot change the Apple CarPlay settings. To change the settings, remove the USB cable from your system.
- To check compatible apps, visit the Apple homepage (<https://www.apple.com/ios/carplay>).
- To use Apple CarPlay in optimized environments, update your iPhone's operating system to the latest version.
- Depending on the connected device's hardware, firmware, and operating system versions, the recognition time may vary.
- Using Apple CarPlay may result in mobile communication charges.
- Depending on the network signal status, some functions may not work correctly.
- Avoid controlling your iPhone's while Apple CarPlay is in use.
- While you are using Apple CarPlay, the following functions are unavailable:
 - Blue Link calls
 - USB and iPod modes
 - Searches using the **[TUNE/FILE]** knob
 - Android Auto
- When Apple CarPlay is active, the system's phone functions are provided via Apple CarPlay.

Connecting your Android smartphone via Android Auto

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

Android Auto support on your smartphone

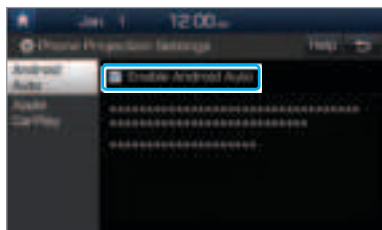
Visit the Android homepage (<https://www.android.com/auto>) and check the regions, device types, and models that support Android Auto.

Android Auto installed on your smartphone

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

Start Android Auto by following the steps below:

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



- 2 Connect your smartphone to the USB port in your vehicle via the cable supplied with the smartphone.
 - If you are connecting the device for the first time, read the message on the notification pop-up window and touch **OK**.



Caution

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

- 3 If your smartphone is locked, unlock it and agree to use phone projection.
 - When the smartphone is recognized successfully, **Android Auto** appears on the Home screen.

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

- 5 Use your smartphone's functions, such as calling and messaging, on your system.
 - Touch an icon on the screen to run an app or perform a function.
 - Press and hold the [V] button on the steering wheel to start Google voice recognition.
 - Press the [C] button on the steering wheel to start using Bluetooth call functions.



Note

- Even if you start phone projection while music is playing in your smartphone's music player, music playback may not automatically switch to your system. To play music via the system, open the music player on the phone projection screen and begin playback, or press and hold the [MEDIA] button and select an appropriate phone projection function from the media selection window.
- When you are using your smartphone's navigation via phone projection, sounds from both the system's radio/media function and the navigation will be output through your vehicle's speakers. When you turn the [VOL] knob while both sounds are being output, the navigation volume is adjusted first.

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



Note

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

Using SiriusXM™ data services

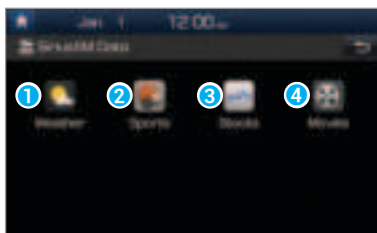
You can access an array of information with SiriusXM data services.



Note

SiriusXM is a paid satellite radio service.

On the Home screen, touch **All Menus ► SiriusXM Data**.




- 1 View weather information. ► See p.3-9 "[Viewing weather information.](#)"
- 2 View sports information. ► See p.3-10 "[Viewing sports information.](#)"
- 3 Stay on top of current stock values and trends in the stock market. ► See p.3-9 "[Viewing stock information.](#)"
- 4 See what is playing now and search for a nearby theater. ► See p.3-11 "[Viewing the latest movie information.](#)"

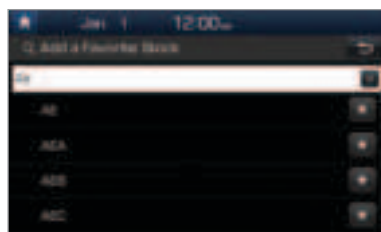
Viewing weather information

- 1 On the Home screen, touch **All Menus ► SiriusXM Data**.
- 2 Touch **Weather**.
- 3 View today's weather information in your city.
 - To view weather forecasts for today and the next four days, touch **5 Days**.
 - To view weather information of another area, touch **Other City**.
 - To view warnings and advisories for adverse weather conditions, such as tornadoes, tropical storms, and blizzards, touch **Warnings and Advisories**.

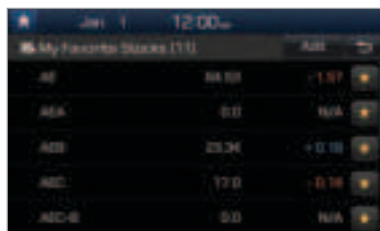


Viewing stock information


- 1 On the Home screen, touch **All Menus ► SiriusXM Data**.
- 2 Touch **Stocks ► Add**.
- 3 Search for your favorite stock by entering a stock symbol in the search bar and then touch  to add it to the list.
 - Repeat this step to add more stock symbols.



Now you can check information on your stock every day by touching **All Menus ► SiriusXM Data ► Stocks**.



Note

To delete a stock symbol from your favorites list, touch .


Viewing sports information

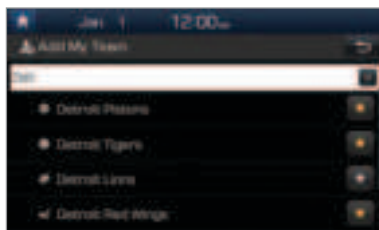
- 1 On the Home screen, touch **All Menus ► SiriusXM Data**.
- 2 Touch **Sports**.
- 3 Select the sport that interests you.
 - To set up a list of your favorite teams and check their daily results and schedules, touch **My Teams**.



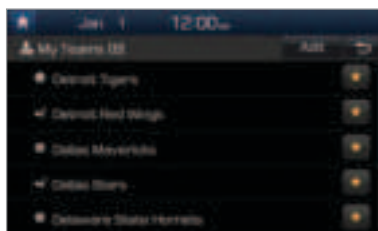
- 4 View real-time scores and schedules for major events and games.

Creating a list of your favorite teams


- 1 On the Home screen, touch **All Menus ► SiriusXM Data**.
- 2 Touch **Sports ► My Teams ► Add**.
- 3 Search for your favorite team by entering its full name in the search bar and then touch  to add it to the list.
 - Repeat this step to add more teams.



Now you can check your favorite team's scores and schedules every day.

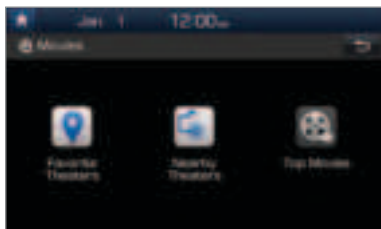



Note

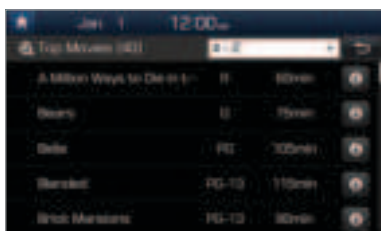
To delete a team from your favorites list, touch .

Viewing the latest movie information

- 1 On the Home screen, touch **All Menus ► SiriusXM Data**.
- 2 Touch **Movies ► Top Movies**.




- 3 View information about the latest movies.
 - To reorder the titles on the list, touch the option menu (▼) and select an option.
 - To view detailed information about a movie, touch .




Searching for nearby theaters

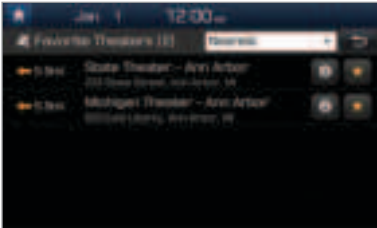
- 1 On the Home screen, touch **All Menus ► SiriusXM Data**.
- 2 Touch **Movies ► Nearby Theaters**.
- 3 Search for nearby theaters and view their location information.

- To sort the search results, touch the option menu (▼) and select a sorting option.
- To set a theater as one of your favorites, touch .



| Creating a list of your favorite theaters

- 1** On the Home screen, touch **All Menus ► SiriusXM Data**.
- 2** Touch **Movies ► Favorite Theaters ► Add**.
- 3** Find your favorite theater from the list and touch .
 - Repeat this step to add more theaters.



4

Radio

Turning on the radio

Changing the radio mode

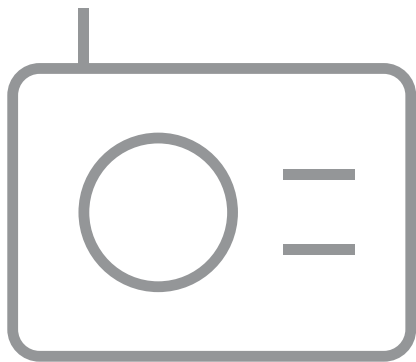
Scanning for available radio stations

Searching for radio stations

Saving radio stations

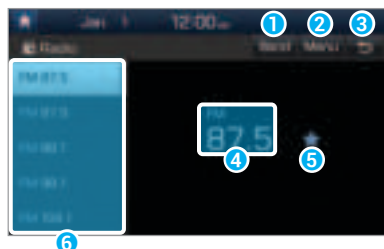
Listening to saved radio stations

Listening to SiriusXM™ radio



Turning on the radio

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



- 1 Select a radio mode.
- 2 Display the options list.
 - **Display Off:** Turn off the screen. Touch the screen to turn it back on.
 - **Station List:** Access the list of available radio stations.
 - **Scan FM/Scan AM:** Preview each radio station for five seconds and select the station you want.
 - **Info:** Set to display text information received from the current broadcasting station.
 - **Delete Presets:** Delete saved radio stations from the preset list.
 - **Sound Settings:** Customize the system sound settings. ► See p.8-3 "Setting the system sound."
- 3 Return to the previous level.
- 4 Radio station information
- 5 Save the current radio station to the preset list, or delete it from the list.
- 6 Preset list

Warning

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

Changing the radio mode

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

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



Scanning for available radio stations

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

1 On the radio screen, touch **Menu ► Scan FM** or **Scan AM**.

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

2 When you find the radio station to which you want to listen, touch an empty part of the screen.

- You can continue listening to the current radio station.

Searching for radio stations

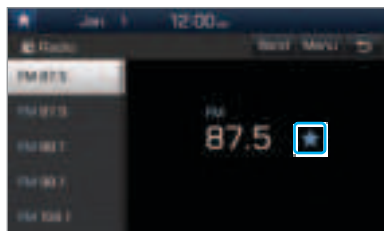
To search for the previous or next available radio station, press the [▼ **SEEK**] or [**TRACK** ▲] button on the control panel.

- To select a radio station from the available stations list, touch **Menu ► Station List** on the radio screen.

Saving radio stations

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

Touch the star icon next to the current radio station information.



Note

- You can save up to 40 radio stations.
- To delete saved radio stations from the preset list, touch **Menu ► Delete Presets**.

Listening to saved radio stations

Select one of the radio stations in the preset list.

- Alternatively, push the [\wedge/\vee] button on the steering wheel to change the radio station.

Listening to SiriusXM™ radio

You can listen to radio channels provided by SiriusXM, a satellite radio service. Various kinds of channels, such as music, sports, and news, are available via streaming or live broadcast.



Note

- SiriusXM service requires a subscription (sold separately) after the three-month trial included with the vehicle expires. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call Sirius XM at 1-866-635-2349 to cancel. See Customer Agreement for terms and conditions at www.siriusxm.com.
- Programming is subject to change.
- Sirius satellite service is available only to those at least 18 years of age and older in the Continental United States (including Puerto Rico) with coverage limitations.
- Traffic information is not available for all markets. See siriusxm.com/traffic for details.

On the radio screen, touch **Band**
► **SiriusXM**.



- 1 Change the radio mode.
- 2 Select a channel by entering its channel number.
- 3 Display the options list.
 - **Display Off:** Turn off the screen. Touch the screen to turn it back on.
 - **Channel List:** Access the list of available SiriusXM radio channels.
 - **Scan SXM Channels:** Scan through all available SiriusXM radio channels.
 - **What is on My Presets?:** View broadcast schedule.
 - **Featured Favorites:** Listen to groups of channels provided by SiriusXM.
 - **Delete Presets:** Delete saved radio stations from the preset list.
 - **Sound Settings:** Customize the system sound settings. ► See p.8-3 "Setting the system sound."
- 4 Return to the previous level.
- 5 Save the current SiriusXM channel to the preset list, or delete it from the list.
- 6 Move to the previous segment. Touch and hold to rewind the broadcast by five second decrements.

- 7 Pause or resume the broadcast.
- 8 Move to the next segment. Touch and hold to fast forward the broadcast by five second increments.
- 9 Switch to the live broadcast mode. This button is activated only when a live broadcast is available on the selected channel.




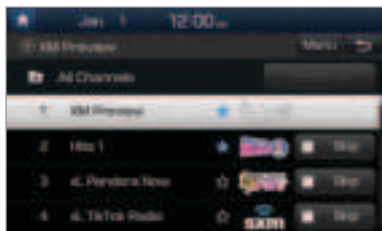
Note

The **REC** icon will be shown next to the first 10 SiriusXM channels saved. Once preset channels are saved, broadcasts from these channels will be buffered automatically for your convenience each time you start your vehicle.

Searching for SiriusXM radio channels

You can select a channel from the available SiriusXM channels list.

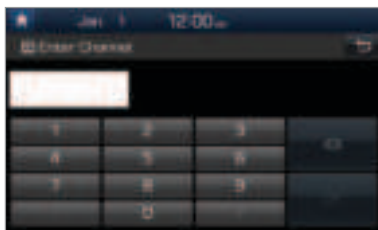
- 1 On the radio screen, touch **Band ► SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Channel List**.
- 3 Select a category and a channel.
 - To add a radio channel to the preset list, touch the  icon next to the channel.
 - To skip a channel when scanning with the [▼ SEEK] and [TRACK ▲] buttons or [TUNE] knob, touch **Skip**.



Selecting channels by using channel numbers



If you know the exact channel number, you can enter it to select the channel directly.

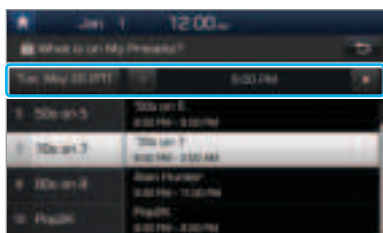
- 1 On the radio screen, touch **Band ► SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Enter Channel**.
- 3 Enter a channel number and touch **OK**.



Viewing the program schedule

You can view the program schedule and information for the channels stored in your preset list.

- 1 On the radio screen, touch **Band ► SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Menu ► What is on My Presets?**
- 3 Set a date and time on the top line of the screen.
 - To select a date, touch the date display field at the top left of the preset list and select a date and time zone.
 - To select a time, touch  or .



- 4 Select a channel and a program to view its detailed information.



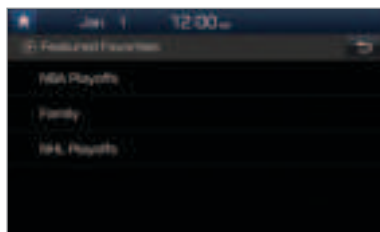
Note

If there is hidden information, an arrow will appear next to the program. Touch the arrow to view the hidden information.

Listening to Featured Favorites channels

You can listen to Featured Favorites channels on SiriusXM radio. Multiple sets of channels can be broadcast and can be changed by SiriusXM.

- 1 On the radio screen, touch **Band ► SiriusXM**.
- 2 On the SiriusXM radio screen, touch **Menu ► Featured Favorites**.
- 3 Select a channel.



MEMO



5

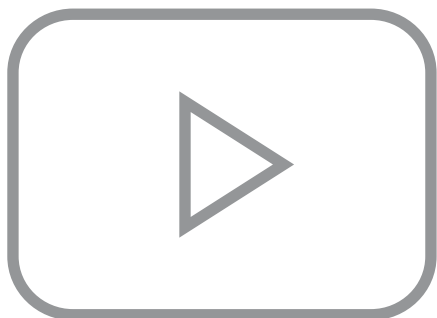
Media player

Using the media player

Using the USB mode

Using the iPod mode

Using the AUX mode

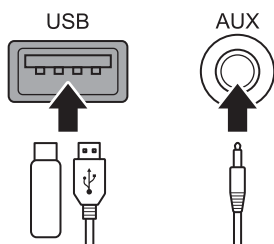


Using the media player

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

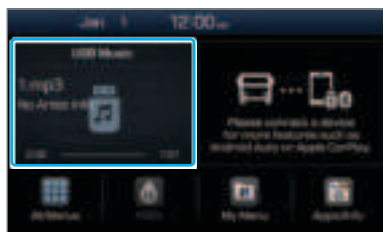
1 Connect a device to the USB port or the AUX port in your vehicle.

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



2 Touch the radio/media information area on the Home screen or press the [MEDIA] button on the control panel.

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



⚠ Warning

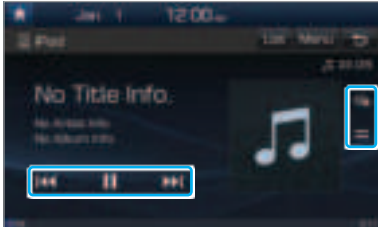
Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls,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

📝 Note

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

Controlling the media player

Use the buttons on the playback screen to control the media player.



Pausing/Resuming playback

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

Rewinding/Fast forwarding

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

- You can also push and hold the [**⏮/⏭**] button on the steering wheel.

Restarting the current playback

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

- You can also push the [**⏮/⏭**] button downward on the steering wheel.

Playing the previous or next song


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

- You can also use the [**⏮/⏭**] button on the steering wheel.

Note

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

Playing repeatedly

Touch  to play a file on repeat.

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



Note

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

Playing in random order

Touch  to shuffle the play order.



Note

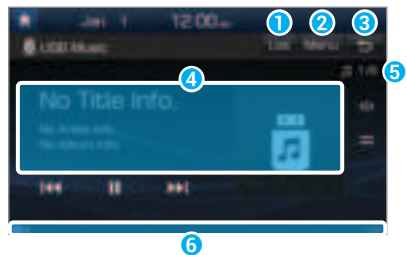
For specific descriptions of each media mode, refer to the corresponding section. The description on the Bluetooth audio mode is included in the "Bluetooth" chapter.

Using the USB mode

You can play media files stored in portable devices, such as USB storage devices and MP3 players. Check compatible USB storage devices and file specifications before using the USB mode. ▶ See p.10-7 "USB mode."

Listening to music

- 1 Connect your USB device to the USB port in the vehicle.
- 2 Touch the radio/media information area on the Home screen or press the **[MEDIA]** button on the control panel.
 - The media player is displayed in full screen.
 - If you have multiple media storage devices, press the **[MEDIA]** button again and touch **USB Music** from the media selection window.



- 1 Access the files list.
- 2 Display the options list.
 - **Hide Current File:** Delete the file that is playing currently from the system.
 - **Songs by this Artist:** Move to the list of songs by the artist currently playing.
 - **Songs from this Album:** Move to the list of songs from the album currently playing.
 - **Sound Settings:** Customize the system sound settings. ► See p.8-3 "Setting the system sound."
- 3 Return to the previous level.
- 4 Information about the song currently playing. Touch a song's artist or album information to access a list of songs by the artist or from the album playing.
- 5 Current file number and total number of files
- 6 Playback time and playback position



Note

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



Caution

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



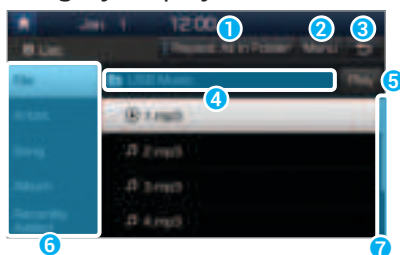
Note

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

Searching for music files on a file list

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

- 1 On the music playback screen, touch **List**.
- 2 Touch the screen to open a folder, move to another category, or play a music file.

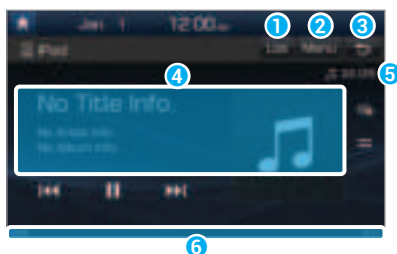


- 1 Set the media player to include all the files in subfolders when playing a playlist.
- 2 Display the options list.
 - **Now Playing:** Return to the currently playing file if it is not visible on the current screen.
- 3 Return to the previous level.
- 4 Move up to another folder/category.
- 5 Play all files in the selected folder or category.
- 6 Search for a song based on categories. In the artist or album category, you can select multiple artists or albums to play their songs.
- 7 Scroll bar

Using the iPod mode

You can listen to music stored on your Apple devices, such as an iPod or an iPhone. Check compatible Apple devices and iOS specifications before using the iPod mode. ► See p.10-9 "iPod mode."

- 1 Connect your Apple device to the USB port in your vehicle using the cable supplied with the Apple device.
 - When connected, the device will begin charging. Music playback will not start automatically.
- 2 On the control panel, press the [MEDIA] button.
 - If you have multiple media storage devices, press the [MEDIA] button again and touch **iPod** from the media selection window.



- 1 Access the files list.
- 2 Display the options list.
 - **Sound Settings:** Customize the system sound settings. ► See p.8-3 "Setting the system sound."
- 3 Return to the previous level.
- 4 Information about the song currently playing
- 5 Current file number and total number of files
- 6 Playback time and playback position



Caution

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



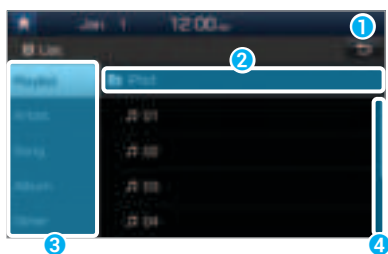
Note

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

Searching for music files on a file list

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

- 1 On the music playback screen, touch **List**.
- 2 Touch the screen to move to another category or play a music file.



- 1 Return to the previous level.
- 2 Move up to another category.
- 3 Search for a song based on categories.
- 4 Scroll bar

Notes on connecting Apple devices

- Ensure that the iOS and firmware of your device is up-to-date before connecting it to your system. Outdated devices may cause a system error.
- If your device's battery is low, the device may not be recognized. Check the battery level and, if necessary, charge the battery before connecting the device to your system.
- Use an Apple-approved cable. Using an unapproved cable may cause a distorted noise or an error during playback.
- Fully insert a USB connector into the USB port. Failure to do so may cause a communication error.
- If you connect a media device or mobile phone to your system via both a USB cable and an AUX cable, your system or device may not operate correctly. To use a USB connection, disconnect the AUX cable from the device.
- If you connect your device to the system while playback is in progress on the device, you may hear a high pitch sound just after the connection. Connect the device after stopping or pausing playback.

- Connecting your device during a download or synchronizing with iTunes may cause an error. Connect the device after the download or synchronization is complete.
- If you connect an iPod nano (except for the 6th generation) or an iPod classic, the brand logo will be displayed on the device screen. For an iPhone and an iPod touch, the logo will not be displayed.

Notes on playing Apple devices

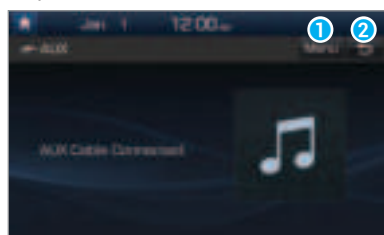
- Depending on the model, your device may not be recognized due to unsupported communication protocols.
- The order of the songs displayed or played on the system may differ from the order of the songs stored in your device.
- Podcasts and audiobooks will play on your system if the dedicated apps are not installed on your Apple device. You can access those files in the **Other** category.
- Podcasts and audiobooks may not play or may not be displayed on your system if your Apple device has iOS 6.0 or later installed.
- In an iPhone, the audio streaming function and iPod mode control may conflict. If an error occurs, disconnect and reconnect the USB cable.
- When using an iPhone or an iPod touch, do not control the device while it is connected to your system. An error may occur.
- If you make or receive a call during playback via an iPhone, the music may remain paused after you end the call. If you do not hear the music after ending a call, check the device to see if the music is paused.
- Do not duplicate a song in multiple folders. One song saved in multiple folders may cause an error with search and playback functions.
- If you perform a media control function, such as stop or repeat, just before a song ends, the song information displayed on the screen may not match the song currently playing. This is not a system error. Restart the iPod mode on the system or pause and resume playback on your device.

Using the AUX mode

You can listen to audio from your vehicle's speakers by connecting external devices, such as smartphones and MP3 players.

Connect an external device to the AUX port in your vehicle using an AUX cable.

- The AUX mode starts automatically and the sound is heard via your vehicle's speakers.



- 1 Display the options list.
 - **Sound Settings:** Customize the system sound settings. ▶ See p.8-3 "Setting the system sound."
- 2 Return to the previous level.



Note

- Depending on the amplifier specifications applied to your vehicle, the sound effect setting button may appear on the screen.
- Because the system works as an output device of the connected external device in the AUX mode, you cannot use controls other than the volume control. Use controls on the external device to control playback.
- The sound volume for the AUX mode is adjusted separately from the other modes.
- Depending on the device type, using an external device with the power cable plugged into the power jack may cause a distorted noise.
- If the AUX cable is plugged into the system without an external device, a distorted noise may occur. Remove the AUX cable from the AUX port when an external device is not connected.

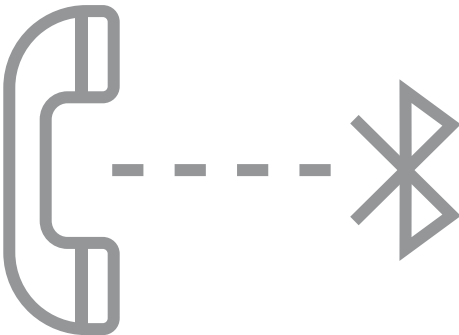
6

Bluetooth

Connecting Bluetooth devices

Using a Bluetooth audio device

Using a Bluetooth phone



Connecting Bluetooth devices

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

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

Warning

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


Note

- On your system, you can use only Bluetooth Handsfree and Audio features. Connect a mobile device that supports the Bluetooth Handsfree or Audio feature.
- For more information on Bluetooth-enabled devices and their functional compatibility, visit the HYUNDAI Motor website (<http://www.hyundaiblue tooth.com>).

Pairing devices with your system

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

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

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

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

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



- 3 Ensure that the Bluetooth passkeys displayed on the Bluetooth device screen and the system screen are the same and confirm the connection from the device.
- 4 Choose whether or not to connect the Bluetooth device to your system prior to other devices.
 - If you grant priority to the Bluetooth device, it will be connected automatically to the system when you turn on the system.
- 5 If you are connecting a mobile phone, permit the system to access and download your data from the device.
 - Downloading data is only for Bluetooth call functions. Permission is not required if you are connecting an audio device.



Note

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

Connecting a paired device

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

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

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

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



- 1 Display the options list.
 - **Auto Connection Priority:** Set the priority of paired devices for your system to connect with automatically when it turns on.
 - **Help:** View Bluetooth help.
- 2 Connect the device.
- 3 Disconnect the device.
- 4 Pair a new device with your system.
- 5 Delete paired devices. Downloaded data from devices will also be deleted.



Note

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

Disconnecting a device

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

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

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

3 Touch **Yes**.

Deleting paired devices

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

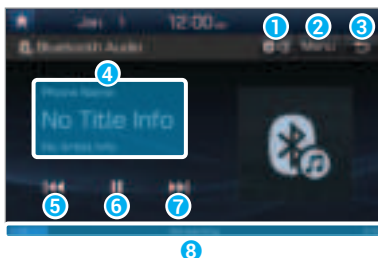
- 1 On the Home screen, touch **All Menus ► Setup ► Bluetooth ► Bluetooth Connection ► Delete Device(s)**.
- 2 Select the devices you want to delete and touch **Delete**.
 - To delete all paired devices, touch **Mark All ► Delete**.
- 3 Touch **Yes**.

Using a Bluetooth audio device

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

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

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



- 1 Search for and connect another Bluetooth device.
- 2 Display the options list.
 - **Change Device:** Search for and connect another Bluetooth device.
 - **Sound Settings:** Customize the system sound settings. ► See p.8-3 "Setting the system sound."
- 3 Return to the previous level.
- 4 Information about the song currently playing

- 5 Restart the current playback. Touch twice to play the previous file. You can also press the [**SEEK**] button on the control panel or use the [**^**/**v**] button on the steering wheel.
- 6 Pause or resume playback.
- 7 Play the next file. You can also press the [**TRACK** **^**] button on the control panel or use the [**^**/**v**] button on the steering wheel.
- 8 Playback time and playback position



Note

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

Using a Bluetooth phone

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




Warning

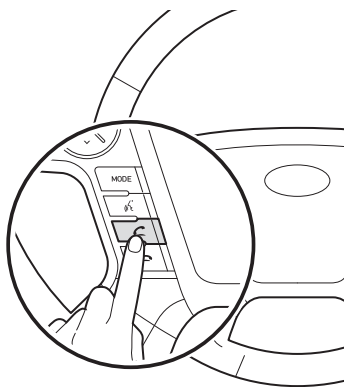
- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe bodily injury, or death. The driver's primary responsibility is the safe and legal operation of the vehicle, and the use of any vehicle systems, including the touch screen and steering wheel controls,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

Making a call

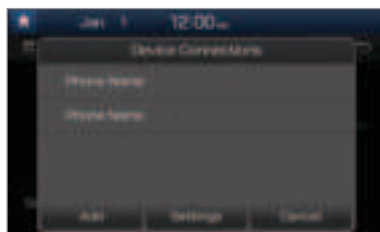
If your mobile phone is connected to the system, you can make a call by selecting a name from your call history or contacts list. You can also enter a phone number on the keypad.

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




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

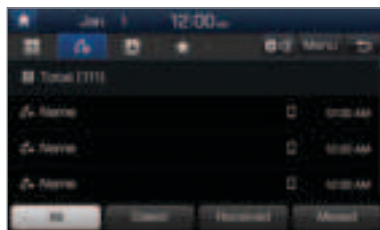


2 If you have multiple paired mobile devices, select a mobile phone from your list of paired devices.




3 Select a phone number from your call history.

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



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

Using your call history

- 1 On the Bluetooth phone screen, touch .
- 2 Select a call record from the list to make a call.



- 1 Search for and connect another Bluetooth device.
- 2 Display the options list.
 - **Download:** Download your call history.
 - **Privacy Mode:** Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.
 - **Change Device:** Search for and connect another Bluetooth device.
 - **Bluetooth Settings:** Customize the Bluetooth settings. ► See p.8-6 "Setting Bluetooth."


- 3 View all call records.
- 4 View only dialed calls.
- 5 View only received calls.
- 6 View only missed calls.

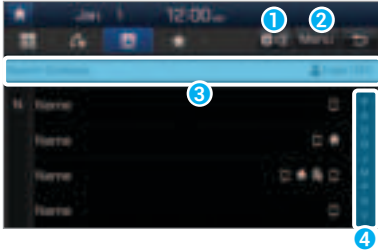


Note

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

Using the contacts list

- 1 On the Bluetooth phone screen, touch .
- 2 Select a contact from the list to make a call.





- 1 Search for and connect another Bluetooth device.
- 2 Display the options list.
 - **Download:** Download your mobile phone contacts.
 - **Search:** Enter a contact's name or phone number to search the list.
 - **Privacy Mode:** Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.
 - **Change Device:** Search for and connect another Bluetooth device.
 - **Bluetooth Settings:** Customize the Bluetooth settings. ► [See p.8-6 "Setting Bluetooth."](#)
- 3 Enter a contact's name or phone number to search the list.
- 4 Select an initial letter to find contacts quickly.

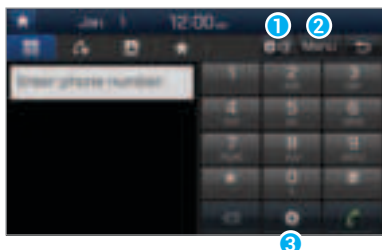


Note

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

Using the keypad

- 1 On the Bluetooth phone screen, touch .
- 2 Enter a phone number on the keypad and touch  to make a call.



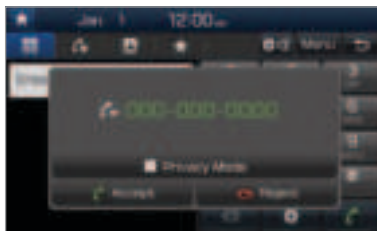
- 1 Search for and connect another Bluetooth device.
- 2 Display the options list.
 - **Privacy Mode:** Activate the privacy mode to protect your personal information. In the privacy mode, personal data will not be displayed.
 - **Change Device:** Search for and connect another Bluetooth device.
 - **Bluetooth Settings:** Customize the Bluetooth settings. ► See p.8-6 "Setting Bluetooth."
- 3 Change the settings for Bluetooth connections.

Warning


Never dial a phone number by entering it manually while driving. This may distract your attention, making it difficult to recognize external conditions and reducing the ability to cope with unexpected situations, which may lead to an accident.

Answering calls


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



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

- Alternatively, press the  button on the steering wheel.

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

- Alternatively, press the  button on the steering wheel.

Warning

- Park your vehicle in a safe location before connecting any Bluetooth devices. Distracted driving can cause a traffic accident and lead to personal injury or death.
- Never pick up your mobile phone while driving. Use of a mobile phone may distract your attention, making it difficult to recognize external conditions and reducing the ability to cope with unexpected situations, which may lead to an accident.



Note

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

Using options during a call

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



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



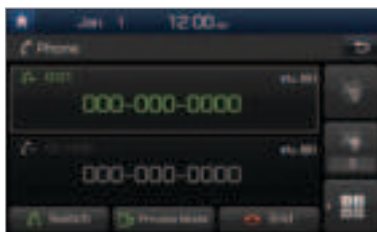
Note

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

Switching between calls

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

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



Note

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

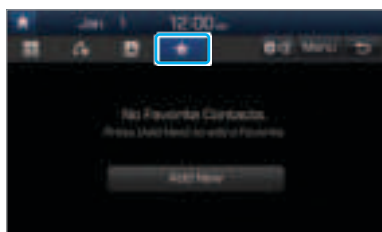
Setting up your favorites list

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

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

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

2 On the Bluetooth phone screen, touch .



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

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

4 Touch next to the phone number you want.

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



Note

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

MEMO



7

Voice recognition

Starting voice recognition

Viewing the voice recognition help

Available voice commands

Using Siri Eyes Free




Before starting voice recognition

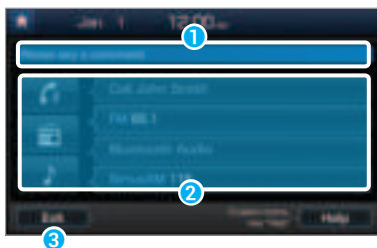
- The system can recognize only specified voice commands. ► See [p.7-6 "Available voice commands" or the on-screen help of the voice recognition.](#)
- To increase the recognition rate, keep in mind the following when saying a voice command:
 - Say a command naturally and clearly.
 - Say a command in the direction of the microphone, keeping your body straight in the driver's seat. The microphone is located at the top part of the inside rearview mirror.
- Voice recognition will end automatically in the following situations:
 - When a call comes in or when you make a call
 - When you connect or remove a media storage device
 - When the front view or rear view camera turns on (*if equipped)
 - When you start another function by pressing a button, such as the **[RADIO]** or **[MEDIA]** button.
- Voice recognition will be affected by the ambient noise in the following situations:
 - When a window or the sun roof is open, causing a loud sound made by the wind
 - When the air conditioner or heater is set to a high air volume level (level 3 or lower is recommended)
 - While you are driving through a tunnel
 - When severe vibrations and noises occur while driving on a unpaved or uneven road
 - When severe noises occur due to heavy rain or a storm

Starting voice recognition

With voice recognition, you can use your system's functions without controlling the screen or buttons. This can help you maintain focus while driving and avoid any dangerous situations.

Use voice recognition to perform functions safely and conveniently.

On the steering wheel, press the **[]** button. Voice recognition starts with a voice guidance.

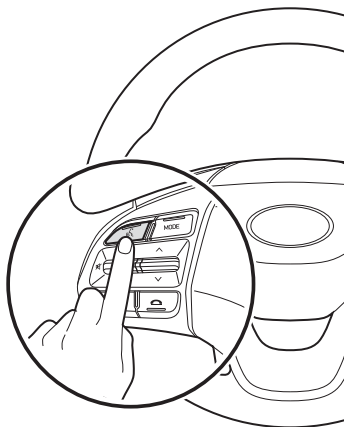


- 1 Recognized command or processing status
- 2 Primary voice commands you can use
- 3 End voice recognition.

Use voice recognition by following the steps below.

1 On the steering wheel, press the [🔊] button.

- Voice recognition starts with a voice guidance.



2 After the voice guidance ends and you hear a beep, say a command. ▶ See p.7-6 "Available voice commands" or the on-screen help of the voice recognition.

- The system displays the recognized command at the top of the screen and performs the corresponding function.
- If an additional command is required for performing the function, available commands for the next step are displayed on the screen. Say or touch a command.

- When there are multiple commands similar to the recognized command, the system displays the numbered candidates on the screen. Say the number corresponding to the command you want.



3 To end voice recognition, say "Exit" while the system is waiting for your command.

- Alternatively, press and hold the [🔊] button on the steering wheel or touch **Exit** on the voice recognition screen.



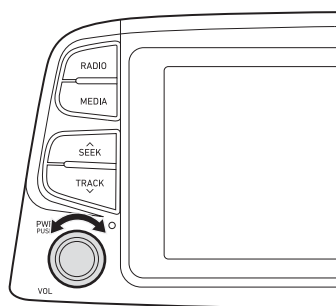
Note

- To skip a voice guidance, press the [🔊] button on the steering wheel.
- To extend the waiting time, press the [🔊] button while the system is waiting.

Adjusting the voice guidance volume

You can adjust the volume of the voice guidance to an appropriate level for using voice recognition while driving.

While you are using voice recognition, turn the **[VOL]** knob on the control panel.




Viewing the voice recognition help


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

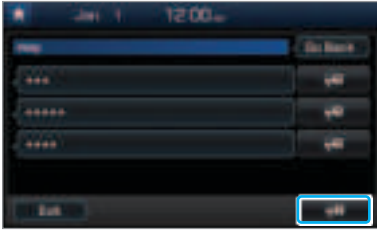
Caution


For safety, voice recognition help will not be displayed while the vehicle is moving. Park your vehicle in a safe location to view the on-screen help.

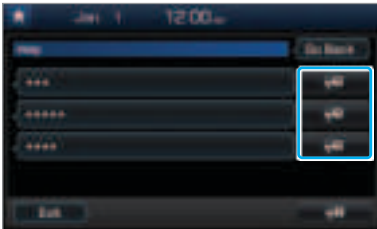
- 1 On the steering wheel, press the  button.
- 2 Touch **Help** on the voice recognition screen or say "Help" while the system is waiting for your command.



- 3 To view full help information on how to use voice commands, touch  at the bottom of the screen.



- To view help on how to use voice commands for a specific function, touch  next to the function name you want.



- 4 To close the help screen, touch **Exit** on the voice recognition screen or say "Exit" while the system is waiting for your command.



Note

- To view a list of available voice commands for each function, say or touch a function name you want.
- After accessing a list of voice commands, you can perform a function by saying or touching a command.
- You can view a list of available voice commands without activating voice recognition. On the Home screen, touch **All Menus ► Voice Commands**.

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.
Call <Name> on Other	The system dials a phone number saved as other than "Mobile", "Work", or "Home" for that contact.

Command	Function
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.
Redial	You can make a call to the most recent phone number.
Call History	The system displays your call history. Say a phone number on the call history to begin a call.
Change Bluetooth Device	You can search for and connect another Bluetooth device.



Note

To use call commands, your mobile phone must be connected to the system via Bluetooth and your contacts must be downloaded.

Radio commands

Command	Function
Radio	Turn on the most recent radio channel.
FM	Turn on the FM radio.
FM <87.5 to 107.9>	Turn on the FM radio with that frequency.
AM	Turn on the AM radio.
AM <530 to 1710>	Turn on the AM radio with that frequency.
SiriusXM	Turn on the SiriusXM radio.
SiriusXM <0 to 999>	Turn on the SiriusXM radio with that channel number.
Preset <1 to 40>*	Turn on one of the saved radio stations from the preset list.

*These commands are available only when the radio is turned on.

Media commands

Command	Function
Music	Play music with the most recently used media player.
USB	Play music from the connected USB device.
iPod	Play music from the connected Apple device.
Bluetooth Audio	Play music from the connected Bluetooth audio device.
AUX	Listen to media content played on the connected external device via the system speaker.
Pause*	Pause playback.
Play*	Resume playback.
Shuffle*	Activate the shuffle play mode.
Shuffle Off*	Cancel the shuffle play mode.
Repeat*	Activate the repeat play mode.
Repeat Off*	Cancel the repeat play mode.

*These commands are available only when the media player is turned on.



Note

- When you use a Bluetooth audio device, some commands may not be supported depending on the connected device.
- Playback control commands are not available for an audio device connected in the AUX mode.
- If you use a voice command when there is no related media or no playable file, the system will play a voice guidance explaining the situation.

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.
No*	Deny a notification asking for your confirmation in an exceptional situation.

Command	Function
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*	Return to the previous level.
Exit	End voice recognition.

*These commands are available only in certain situations.

Using Siri Eyes Free

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

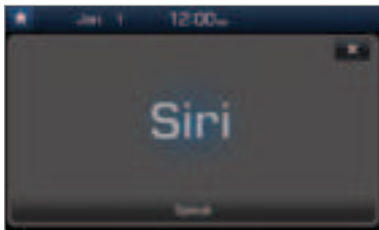
First, ensure that your Apple device supports Siri and that you have activated Siri.

1 Connect your Apple device to your system via Bluetooth.

► See p.6-2 "Connecting Bluetooth devices."

2 On the steering wheel, press and hold the [⏏] button.

3 On the Siri screen, touch **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 [⏏] button to restart Siri.

5 To end Siri, press and hold the [⏏] button.

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



Note

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

MEMO



8

Settings

Setting the vehicle environment

Setting sounds

Setting the system screen

Setting the Home screen

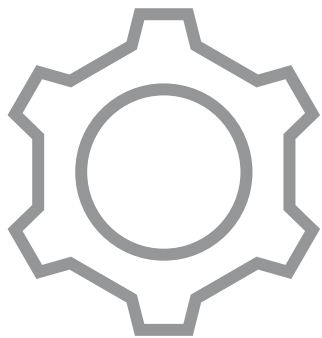
Setting the screen saver

Setting the media player options

Setting voice recognition

Setting Bluetooth

Setting the system environments



Setting the vehicle environment

You can change the settings related to driving or the interior and exterior environment of your vehicle.

On the Home screen, touch **All Menus ► Setup ► Vehicle.**

Drive Mode

Customize the drive modes for your vehicle.

- **ECO:** 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:** 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:** 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:** Set to display a notification when you change your vehicle's drive mode.
- **Reset ECO/NORMAL/SPORT:** Reset your drive mode settings to default values.

Climate Settings

Change the vehicle's climate control settings.

- **Recirculate Air** (*if equipped): Set the system to cut off the inflow of outdoor air to maintain a comfortable environment.
 - **Activate upon Washer Fluid Use** (*if equipped): Set to activate air recirculation to decrease the inflow of the washer fluid smell while spraying washer fluid.
- **Automatic Ventilation** (*if equipped): Set the system to activate automatic air ventilation to maintain a comfortable environment when the air in the vehicle is stuffy.
 - **Auto Dehumidify** (*if equipped): Set to activate air ventilation automatically to prevent the interior from becoming humid over time due to air recirculation.
- **Defog/Defrost Options** (*if equipped): Change the defog/defrost settings.
 - **Defog/Defrost** (*if equipped): Set to activate air ventilation or operate the air conditioner automatically to defog or defrost the windshield.
 - **Auto Defog** (*if equipped): Set to operate the climate control system automatically to prevent fog from forming on the front windshield.



Note

- Any changes to the settings of the vehicle should be done while the vehicle is safely parked.
- You can change the drive mode settings only when the engine is running.
- Depending on the vehicle model or specifications, available options may vary.

Setting sounds

You can change the settings related to sounds, such as the speaker volume and sound effects.

Setting the system sound

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



Note

- Depending on the vehicle model or specifications, available options may vary.
- Depending on the system or amplifier specifications applied to your vehicle, some functions may not be supported.

Position

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



Volume

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

Advanced (*if equipped)

Adjust advanced sound options and apply various sound effects.

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

Tone

Adjust the tone and output level of each sound.

Priority

- **Proximity Warning:** Set to give priority to the proximity warning feature and lower all other sounds when parking your vehicle.
- **Start-up Volume Limit:** Set to automatically lower the system volume upon vehicle start-up, if the volume has been previously set to a high level.

Reset

Reset your sound settings to default values.



Note

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

Setting the system screen

You can change the settings for the screen display.

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

Mode

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

Illumination

Adjust the brightness for the day or night mode according to your setting in the **Mode** option.

Reset

Reset your screen settings to default values.

Setting the Home screen

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

- 1 On the Home screen, touch **All Menus ► Setup ► Home Screen**.
- 2 Find a desired menu from the list on the right and drag it to the location you want.
 - The existing menu moves to the list on the right and the new menu is added to its previous location.
 - Touch **Default** to reset your home screen settings to default values.



Note

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

Setting the screen saver

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

- 1 On the Home screen, touch **All Menus ► Setup ► Screen Saver**.
- 2 Select a screen saver option.
 - **Digital**: The digital clock is displayed.
 - **Analog**: The analog clock is displayed.
 - **None**: No screen saver is displayed.

Setting the media player options

You can change the settings for the media player.

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

Media Change Notifications

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

Repeat Folder

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

Setting voice recognition

You can change the guidance type for voice recognition.

- 1 On the Home screen, touch **All Menus ► Setup ► Voice Recognition**.
- 2 Select a guidance type.

Setting Bluetooth

You can modify Bluetooth connection settings.

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

Bluetooth Connection

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

Auto Connection Priority

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

Bluetooth Voice Prompts

Set to enable or disable voice prompts for Bluetooth connections.

Privacy Mode

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

Bluetooth System Info

View or edit your system's Bluetooth information.

Reset

Delete all paired Bluetooth devices and reset your Bluetooth settings to default values. All data related to Bluetooth devices will also be deleted.



Note

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

Setting the system environments

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

Setting the system language

- 1 On the Home screen, touch **All Menus ► Setup ► Language**.
- 2 Select a language.



Note

- This setting will not affect user data, such as MP3 file names.
- Depending on the system language, voice recognition may not be supported.

Setting the time and date

- 1 On the Home screen, touch **All Menus ► Setup ► Date/Time**.
- 2 Set the correct date and time using the arrow buttons located above/below the input fields.
 - Touch **24 Hours** to set the time in the 24 hour format.
 - Touch **Time Zone** to select your time zone.
 - Touch **Daylight Saving Time** to apply daylight saving time.

Setting the keyboard

You can customize your keyboard settings.

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

Keyboard Type - English

Select a default keyboard type for English.

Default Keyboard

Select a default character type for the keyboard.



Note

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

Setting advanced options

You can customize additional settings, such as button functions.

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

Custom Button ☆

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

MODE Button (Steering Whl)

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

Viewing system information

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

SW Info/Update

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

Storage

View your system's memory storage information.

Reset

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



Note

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

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9 Troubleshooting

Solutions



Solutions

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

Sound and display

Symptom	Possible cause	Solution
No sound	System turned off	<ul style="list-style-type: none">• Ensure that the engine start/stop button is set to "ACC" or "ON."• Press the [POWER] button to turn on the system.
	Low volume level	Turn the [VOL] knob on the control panel to adjust the volume.
	System muted	Press the [MUTE] button on the steering wheel to unmute the system.
Sound is heard from only one speaker.	Unbalanced sound output	On the Home screen, touch All Menus ► Setup ► Sound ► Position and change the settings to adjust the sound balance.
Sound is cut off or a distorted noise is heard.	System vibration	This is not a malfunction. Vibration can cause distortion and even cut off sound. The system will function normally when the vibration stops.
	AUX cable connected without an external device	If an AUX cable is plugged into the system without an external device, a distorted noise may occur. Remove the AUX cable from the AUX port when an external device is not connected.
The image quality is deteriorated.	System vibration	This is not a malfunction. Vibration can cause distortion. The system will function normally when the vibration stops.
	Aged or deteriorated screen	If the problem persists, contact your place of purchase or dealer.

Symptom	Possible cause	Solution
Small red, blue, or green dots appear on the screen.		Because the LCD is manufactured with technology requiring extremely high pixel density, dead, stuck or poorly lit pixels may occur. The permitted amount is no more than 0.01 % of the total pixels.

USB playback

Symptom	Possible cause	Solution
The files on the USB storage device are not recognized.	File format not compatible	Copy compatible media files to the USB device and reconnect the device. ► See p.10-7 "USB mode."
	Poor connection	Disconnect the USB storage device from the USB port and reconnect it correctly.
	Damaged or dirty USB connectors	Remove foreign substances from the USB connector of the storage device and the contact surface of the USB port.
	USB hub or extension cable used	Connect the USB storage device directly to the USB port.
	Non-standard USB storage device used	Use a USB storage device that is compatible with the system. ► See p.10-7 "USB mode."
	Corrupt USB storage device	Format the USB storage device on a PC and reconnect it. Format the device in FAT16/32.



iPod/iPhone playback

Symptom	Possible cause	Solution
An iPod or iPhone is not recognized by the system.	Poor connection	Disconnect the cable from the USB port and reconnect it correctly.
	Device not ready or malfunctioning	<ul style="list-style-type: none">• Check if the device's battery is low. If the battery is low, the smartphone may not be recognized.• Check if the device's firmware is up-to-date. If not, update the firmware via iTunes and reconnect the device.• Reset the device and reconnect it.
	Uncertified cable used	Use an Apple-certified cable.
	Device not supported	Use the device types and models that can be played in the system. ► See p.10-9 "iPod mode."
No sound is heard during music playback from an iPod or iPhone.	Device connected both to the USB and the AUX port	When the device is connected to the USB port and the AUX port simultaneously, the system defaults to AUX mode. If the AUX cable is connected to the device, disconnect it.
	Playback paused during a call	If you make or receive a call while playing music from an iPhone, the device pauses playback. Playback remains paused after you end the call. Check the playback status on the device and resume the audio.

AUX mode

Symptom	Possible cause	Solution
No sound is heard in the AUX mode.	Poor connection	Disconnect the cable from the AUX port and reconnect it correctly.
A distorted noise is heard in the AUX mode.	Device powered by your vehicle's battery power	Connecting the device with the power cable plugged into the power jack may cause a distorted noise. Unplug the device's power cable from the vehicle.

Bluetooth connection

Symptom	Possible cause	Solution
The system is not detected on the Bluetooth device.	Pairing mode not activated	On the Home screen, touch All Menus ► Setup ► Bluetooth ► Bluetooth Connection ► Add New to switch the system to pairing mode. Then, try searching for the system again on the device.
The Bluetooth device is not connected to the system.	Bluetooth deactivated	Activate Bluetooth on the device.
	Bluetooth error	<ul style="list-style-type: none">• Deactivate Bluetooth and reactivate it on the device. Then, reconnect the device.• Turn the device off and on. Then, reconnect it.• Remove the battery from the device and reinstall it. Then, turn the device on and reconnect it.• Unregister Bluetooth pairing on both the system and the device and then re-register and connect them.

Phone projection

Symptom	Possible cause	Solution
Phone projection does not start when a smartphone is connected via a USB cable.	Phone projection not supported by the phone	<p>Visit the following websites and ensure that the smartphone supports one of the corresponding functions.</p> <ul style="list-style-type: none">• Android Auto: https://support.google.com/androidauto• Apple CarPlay: https://www.apple.com/ios/carplay
	Phone projection disabled	<ul style="list-style-type: none">• On the Home screen, touch All Menus ► Setup ► Phone Projection, then select a function you want to use.• Check if phone projection is disabled in the app settings or if there are any restrictions set on your smartphone.
	Smartphone not ready or malfunctioning	<ul style="list-style-type: none">• Check if the smartphone's battery is low. If the battery is low, the smartphone may not be recognized.• If the network signal is weak, phone projection may not work correctly.• If the smartphone is locked, unlock it.• Reset the smartphone and reconnect it.
When phone projection starts or is in use, a black screen is displayed.	Smartphone malfunctioning	<ul style="list-style-type: none">• Disconnect the USB cable from the smartphone and reconnect the cable.• Reset the smartphone and reconnect it.

System operation

Symptom	Possible cause	Solution
The previously used media mode is not activated after the system turns off and back on.	Poor connection or playback error	If the corresponding media storage device is not connected or has a problem in playback when you turn on the system, the radio/ media mode you previously used will be activated. Reconnect the media storage device or restart playback.
The system is slow or it does not respond.	Internal system error	<ul style="list-style-type: none">• Press and hold the reset button with a suitable tool, such as a pen or a paperclip.• If the problem persists, contact your place of purchase or dealer.
The system does not turn on.	Fuse shorted	<ul style="list-style-type: none">• Visit a repair shop and replace with a suitable fuse.• If the problem persists, contact your place of purchase or dealer.

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10

Appendix

System status icons

FAQ

System specifications

Important information

Index



System status icons



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

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









Mute and voice recording



	Radio/media muted
	Voice memo recording

Bluetooth



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



Note

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

FAQ

Bluetooth

Q What kinds of functions can I use with Bluetooth?

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

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

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

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

A On the Home screen, touch **All Menus ▶ Setup ▶ Bluetooth ▶ Bluetooth Connection ▶ Add New**. From the Bluetooth device you want to connect, search for and pair with your system. When you enter or confirm a Bluetooth passkey displayed on the system screen, the device is registered to the system's Bluetooth device list and connected to the system automatically. ▶ See p.6-2 "Connecting Bluetooth devices."

Q What is a passkey?


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


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

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


A You can register additional devices to your system by following the instructions to pair a device. Up to five devices can be added to your system's Bluetooth device list. To delete a registered device, on the Bluetooth device list, touch **Delete Device(s)**, select the devices to delete, and touch **Delete**. ► See [p.6-2 "Connecting Bluetooth devices."](#)

Q How do I answer a call?



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

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

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

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

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

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

Q What is the range of my wireless connection?

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

Q How many mobile devices can be paired?

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

Q Why is call quality sometimes poor?

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

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

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

Radio/media function

Q What kinds of media and radio functions does my system have?

A Your system is enabled to play various radio services (FM, AM, SiriusXM, etc.) and audio through various types of media (USB, iPod, AUX, etc.). For more information, see the corresponding chapters.

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

A Push the [\wedge/\vee] button on the steering wheel to move to the previous or next song.

Broadcast reception

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

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

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

How to self-check a system fault

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

A Check your system by referring to the solutions explained in the troubleshooting sections. ► [See p.9-2 "Solutions."](#)

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

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

System specifications

Media player

| USB mode

➤ Music

Item	Specifications	
Audio file specification	MPEG-1/2 Layer3, OGG (Vorbis), FLAC, WMA (Standard/Professional), WAV	
Bit rates/Sampling frequency	MP3	8 to 320 kbps (CBR/VBR), to 48 kHz (ID3 tag version: Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3, Ver. 2.4)
	OGG	Q1 to Q10, to 48 kHz
	FLAC	8/16/24 bit, to 48 kHz
	WMA	<ul style="list-style-type: none">• Standard (0x161): to L3 Profile, to 385 kbps, to 48 kHz• Professional (0x162): to M0b, to 192 kbps, to 48 kHz
	WAV	8/16 bit, to 48 kHz
Detailed specifications	<ul style="list-style-type: none">• Maximum number of directory layers: 20• Maximum length of folder/file names: 255 byte• Supported characters for folder/file names: Alphanumeric characters, Korean standard character set 2,350 characters, Simplified Chinese 4,888 characters• Maximum number of folders: 2,000 (including ROOT)• Maximum number of files: 8,000	



Note

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

► USB storage devices

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



Note

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

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

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

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

iPod mode

Supported devices

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

Supported OS

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

Common

Item	Specifications
Power supply	DC 24 V
Sleep current	<ul style="list-style-type: none">• Average current within 96 hours of ACC off: 10 mA or less• Average current after 96 hours of ACC off: 1 mA or less
Operating temperature	-20 to +70 °C (-4 to +158 °F)
Storage temperature	-40 to +85 °C (-40 to +185 °F)
Dimensions (W x H x L)	262.8 x 202.6 x 198.1 mm
Current consumption	2.5 A
Weight	2.15 kg

Display

Item	Specifications
Size (W x H)	8 inch (176.4 x 99.36 mm)
Pixel number	384,000 pixels (resolution: 800 x 480)
Operating method	Thin Film Transistor (TFT) Active Matrix
Viewing angle	Left/Right, Top/Bottom: 89°
Internal lighting	LED

Radio

Item	Specifications
Channels A2	<ul style="list-style-type: none">• FM: 87.5 to 107.9 MHz (200 kHz)• AM: 530 to 1710 kHz (10 kHz)
Sensitivity	<ul style="list-style-type: none">• FM: 10 dBuV or lower• AM: 35 dBuV EMF or lower
Distortion factor	2 % or less



Note

Depending on the vehicle model or specifications, available radio channels may vary.

Bluetooth

Item	Specifications
Frequency range	2400 to 2483.5 MHz
Supported Bluetooth specification	3.0
Supported profile	Handsfree (1.6), A2DP (1.2), AVRCP (1.5), PBAP (1.1)
Bluetooth Power Class 2	-6 to 4 dBm
Antenna power	2.5 mW (maximum)
Number of channels	79

Important information

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

Keep this guide in your vehicle

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

Warning

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

General operation

| 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.

| 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 Certification

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

MEMO

