

DIGITAL CAR AUDIO SYSTEM (AC110REDG, AC110REGN, AC110REGP, AC110RERP, AC110NCDG)

Audio (Without Touch Screen)	4-2	Bluetooth	4-22
System layout - control panel.....	4-2	Connecting Bluetooth devices.....	4-22
System layout - steering wheel remote control.....	4-5	Using a Bluetooth audio device.....	4-25
Turning the system on or off.....	4-8	System Status Icons	4-28
Turning the display on or off.....	4-8	Audio System Specifications	4-29
Getting to know the basic operations.....	4-9	USB.....	4-29
Radio	4-9	Bluetooth.....	4-30
Turning on the radio.....	4-9	Trademarks	4-31
Changing the radio mode.....	4-11	Declaration of Conformity	4-32
Scanning for available radio stations.....	4-11	FCC.....	4-34
Searching for radio stations.....	4-11		
Saving radio stations.....	4-12		
Listening to saved radio stations.....	4-12		
Media Player	4-13		
Using the media player.....	4-13		
Using the USB mode.....	4-16		
Using the AUX mode.....	4-21		

AUDIO (Without Touch Screen)

System layout – control panel



(1) EJECT button

- Ejects the disc.

(2) SEEK/TRACK button

- Change the station/track/file (except for the AUX mode).
- While listening to the radio, press and hold to search for a station.
- While playing media, press and hold to rewind or fast forward (except for the AUX mode).

(3) PRESET button

- Press to display the preset list.
- Turn the [TUNE] knob to select the desired radio station.

(4) PWR button/VOL knob

- Press to turn the system on or off.
- Turn to the left or right to adjust the system sound volume.

(5) MIC port

(6) SETUP button

- Press to move to the setup screen.

(7) SPKR button

- Press to display the passenger/driver speaker selection window.

※ The actual features in the vehicle may differ from the illustration.



(8) MENU button

- Press to access the menu screen for the current mode.

(9) BACK button

- Return to the previous level.

(10) TUNE knob/FILE knob/ENTER button

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

(11) USB/AUX port

(12) RADIO button

- Press to turn on the radio. When the mode selection window launches, turn the [TUNE] knob to select the desired radio mode.
- When the Mode popup is not selected in [⚙️] ▶ Display ▶ Mode popup, press the [RADIO] button on the control panel to change the mode. Each time you press the [RADIO] button on the control panel, the mode switches to radio FM ▶ AM in order.

※ The actual features in the vehicle may differ from the illustration.



(13) MEDIA button

- Press to play content from a media storage device. When the mode selection window launches, turn the [TUNE] knob to select the desired media mode.
- When the Mode popup is not selected in [⚙️] ▶ Display ▶ Mode popup, press the [MEDIA] button on the control panel to change the mode.

(14) TV button

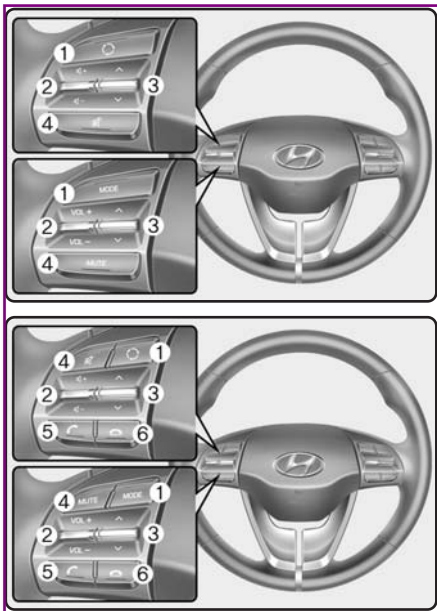
- Press to move to the TV mode.

(15) MIC button

- Select a microphone option.
- Mute the media or radio mode and output only sound from the microphone during MIC mode.

※ The actual features in the vehicle may differ from the illustration.

System layout – steering wheel remote control



(Bluetooth® equipped model)

(1) MODE button

- Press to switch between radio and media modes.
- Press and hold to turn the system on or off. (if equipped)

(2) Volume lever

- Push up or down to adjust the volume.

(3) Up/Down lever

- Change the station/track/file (except for the AUX mode).
- While listening to the radio, push to listen to the previous/next saved radio station.
- While listening to the radio, push and hold to search for a station.
- While playing media, push and hold to rewind or fast forward (except for the AUX and Bluetooth audio* mode). (if equipped)

(4) MUTE button

- Press to mute or unmute the system.
- During a call, press to mute or unmute the microphone.
- While playing media, press to pause or resume playback.

* The actual features in the vehicle may differ from the illustration.

⚠ WARNING
- 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. If necessary, use the Bluetooth Handsfree feature to make calls and keep the call as short as possible.**
- **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.**

⚠ WARNING
- 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.**
- **Do not touch the antenna during thunder or lightning because such an act may cause electric shock.**

i Information

- 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.

i Information

- 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 louvre, the surface of the louvre may become deformed due to the flowing air.
- If you want to change the position of the installed device, please inquire with your place of purchase or service maintenance centre. Technical expertise is required to install or disassemble the device.

NOTICE

- If you experience any problems with the system, contact your place of purchase or dealer.
- Placing the audio system within an electromagnetic environment may result in noise interference.

Turning the system on or off

To turn on the system, start the engine.

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

The system turns off when you stop the engine (ACC Off).

- When you turn back on the system, the previous mode and settings will remain intact.

WARNING

- **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.**

Information

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

Turning the display on or off

To prevent glare, you can turn off the screen. The screen can be turned off only while the system is on.

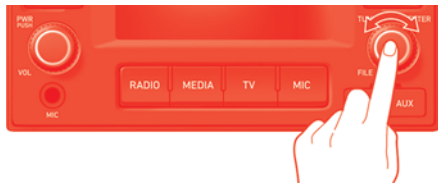
1. On the control panel, press the [MENU] button.
 2. When the option selection window displays, turn the [TUNE] knob to select **Display off**, and then press the knob.
- To turn the screen back on, press any of the control panel buttons.

Getting to know the basic operations

You can select an item or adjust the settings by using the [TUNE] knob on the control panel.

Selecting an item

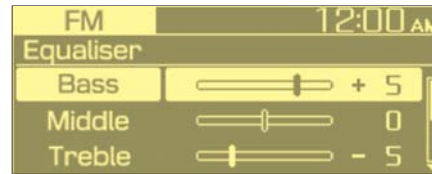
Turn the [TUNE] knob to select the desired item, and then press the knob.



Adjusting the settings

Turn the [TUNE] knob to adjust the value, and then press the knob to save changes.

Turn the [TUNE] knob to the right to increase the value and turn the [TUNE] knob to the left to decrease the value.



RADIO

Turning on the radio

1. On the control panel, press the [RADIO] button.
2. When the mode selection window displays, turn the [TUNE] knob to select the desired radio mode and then press the knob.

FM/AM Mode



- (1) Current radio mode
- (2) Radio station information

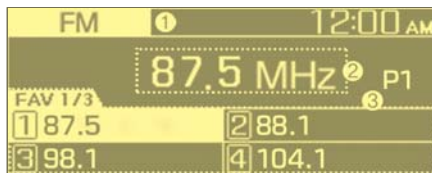
Press the [**MENU**] button on the control panel to access the following menu options:

- **Display the preset list.**
- **Autostore:** Save radio stations to the preset list.
- **Scan:** The system searches for radio stations with strong radio signals and plays each radio station for about five seconds.
- **Sound settings:** You can change the settings related to sounds.

NOTICE

- **Depending on vehicle models or specifications, available options may vary.**
- **Depending on the system or amplifier specifications applied to your vehicle, available options may vary.**

FM/AM Mode (With RDS)



- (1) Current radio mode
(2) Radio station information

Press the [**MENU**] button on the control panel to access the following menu options:

- **Traffic announcement:** Activate or deactivate traffic announcements. Announcements and programmes will be received automatically if available.
- **Autostore:** Save radio stations to the preset list.
- **Scan:** The system searches for radio stations with strong radio signals and plays each option for about five seconds.
- **Sound settings:** You can change the settings related to sounds.

NOTICE

- **Depending on vehicle models or specifications, available options may vary.**
- **Depending on the system or amplifier specifications applied to your vehicle, available options may vary.**

Changing the radio mode

1. On the control panel, press the [RADIO] button.
2. When the mode selection window displays, turn the [TUNE] knob to select the desired radio mode and then press the knob.
 - Each time you press the [MODE] button on the steering wheel, the radio mode switches to FM ► AM in order.

NOTICE

- When the Mode popup is not selected in [⚙️] ► Display ► Mode popup, press the [RADIO] button on the control panel to change the radio mode.
Each time you press the [RADIO] button on the control panel, the radio mode switches to FM ► AM in order.

Scanning for available radio stations

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

1. From the radio screen, press the [MENU] button on the control panel.
2. When the option selection window displays, turn the [TUNE] knob to select **Scan**, and then press the knob.
 - The system searches for radio stations with strong radio signals and plays each radio station for about five seconds.
3. When you find the radio station you want to listen to, press the [TUNE] knob.
 - You can continue listening to the selected station.

Searching for radio stations

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

- You can also press and hold the [SEEK/TRACK] button to search for frequencies quickly. When you release the button, a radio station with a strong signal is selected automatically.

If you know the exact frequency of the radio station you want to listen to, turn the [TUNE] knob on the control panel to change the frequency.

Saving radio stations

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

Saving the current radio station

Press the **[PRESET]** button to move to the preset list, and then press and hold the **[TUNE]** knob to save the current radio station.

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

NOTICE

- You can save up to **6** radio stations in each mode.
- If a station is already saved to the selected preset number, the station will be replaced by the station you are listening to.

Using the auto save function

You can search for radio stations in your area where there is a strong signal. The results of your search can be saved to the preset list automatically.

1. From the radio screen, press the **[MENU]** button on the control panel.
2. When the option selection window displays, turn the **[TUNE]** knob to select **Autostore**, and then press the knob.

Listening to saved radio stations

1. Press the **[PRESET]** button to move to the preset list, and then turn the **[TUNE]** knob to select the preset list.
2. On the control panel, press the desired number button.
 - Alternatively, push the Up/Down lever on the steering wheel to change the station.

MEDIA PLAYER

Using the media player

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

1. Connect a device to the USB/AUX port in your vehicle.
 - Playback may start immediately depending on the device that you connect to the system.
2. On the control panel, press the [MEDIA] button.
3. When the mode selection window displays, turn the [TUNE] knob to select the desired mode and then press the knob.

NOTICE

- To start the media player, press the [MEDIA] button on the control panel.
- You can also change the mode by press the [MODE] button repeatedly on the steering wheel.
- Make sure to connect or disconnect external USB devices with the system power turned off.
- When the Mode popup is not selected in [⚙️] ▶ Display ▶ Mode popup, press the [MEDIA] button on the control panel to change the media player.
Each time you press the [MEDIA] button on the control panel, the media mode switches to DISC ▶ USB/iPod ▶ Bluetooth audio ▶ AUX in order.
- Depending on vehicle models and specifications, available buttons or the appearance and layout of the USB/AUX port in your vehicle may vary.

- Do not connect a smartphone or an MP3 device to the system via multiple methods such as USB, Bluetooth* and AUX simultaneously. Doing so may cause a distorted noise or a system malfunction.
- Noise may occur when an AUX device is connected. When such devices are not being used, disconnect the device for storage.
- When the AUX device power is connected to the power jack, playing the external device may result in noise. In such cases, disconnect the power connection before use.

*if equipped

Using the CD mode

You can play music stored on CDs such as audio CD and MP3 CD. Check the compatible disc and file specifications before using the disc mode.

Insert your CD into the CD player.

- Playback starts immediately.
- Press the **[MEDIA]** button on the control panel to display the mode selection window, turn the **[TUNE]** knob to select CD and then press the knob.



- (1) Current file number and total number of files
- (2) Playback time
- (3) Information about the song currently playing

Press the **[MENU]** button on the control panel to access the following menu options:

- **List:** Access the file list.
- **Folder List:** Access the folder list.
- Play a file on repeat.
- Play a folder on repeat.
- Play a folder on shuffle.
- Play files on shuffle.
- **Information:** Display information about the song currently playing.
- **Sound Settings:** You can change the settings related to sounds.

NOTICE

The modes are active when playing the MP3 CDs.

Rewinding/Fast forwarding

On the control panel, press and hold the **[SEEK/TRACK]** button.

- You can also push and hold the Up/Down lever on the steering Wheel.

Restarting the current playback

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

- You can also push the Down lever on the steering wheel.

Playing the previous or next song

To play the previous song, press the **[SEEK]** button twice on the control panel. To play the next song, press the **[TRACK]** button on the control panel.

- You can also use the Up/Down lever on the steering wheel.

NOTICE

Press the [FILE] button on the control panel to display the mode selection window, turn the [FILE] knob to find the desired song and press the knob to play the file.

NOTICE

- Do not allow any foreign substances to enter the CD player. Foreign substances may cause system failure or malfunctions.
- If the CD player's cover is open, it may make a slight noise during driving therefore close the cover after inserting a CD.
- Be careful not to deform or damage the CD.
 - Store in a case.
 - Do not expose to direct sunlight, high temperatures or humidity for a long time.
 - Do not write or attach a sticker to the playing surface.

- If there is foreign substance on the surface, wipe it off carefully with a soft cloth. Do not use chemical solvents such as vinyl record spray cleaners, antistatic sprays, or solutions like benzene or paint thinners.
- Do not use CDs covered in foreign substances, deformed, or damaged. This may result in poor sound quality or system malfunctions.
- Do not allow foreign substance to enter the CD player. Foreign substance may causes system damage. After inserting or eject, keep the cover close.

NOTICE

- If the temperature is too high or low, a CD may not play normally. (Operation and guarantee temperature: -20 to +70 °C)
- CDs may not play normally due to the condensation of moisture on the disc module's lens on rainy, humid days, or immediately after turning the heater on. In this case, eject the CD and wait until the moisture dries.
- If you drive on rough roads for a long time or if excessive force is applied to your vehicle, it may not play the CDs normally.

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.

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

- Playback starts immediately.
- Press the [MEDIA] button on the control panel to display the mode selection window, turn the [TUNE] knob to select **USB** and then press the knob.



- (1) Current file number and total number of files
- (2) Playback time
- (3) Information about the song currently playing

Press the [MENU] button on the control panel to access the following menu options:

- **List:** Access the file list.
- **Folder list:** Access the folder list.
- **Play a file on repeat.**
- **Play a folder on repeat.**
- **Play a folder on shuffle.**
- **Play files on shuffle.**
- **Information:** Display information about the song currently playing.
- **Sound settings:** You can change the settings related to sounds.

NOTICE

- Depending on vehicle models or specifications, available options may vary.
- Depending on the system or amplifier specifications applied to your vehicle, available options may vary.

Rewinding/Fast forwarding

On the control panel, press and hold the [SEEK] button / [TRACK] button.

- You can also push and hold the Up/Down lever on the steering wheel.

Restarting the current playback

On the control panel, press the [SEEK] button.

- You can also push the Down lever on the steering wheel.

Playing the previous or next song

To play the previous song, press the [SEEK] button twice on the control panel. To play the next song, press the [TRACK] button on the control panel.

- You can also use the Up/Down lever on the steering wheel.

NOTICE

Press the [FILE] button on the control panel to display the mode selection window, turn the [FILE] knob to find the desired song and press the knob to play the file.

i Information

- 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.
- 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 storage 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 recognised or work correctly:
 - Encrypted MP3 players
 - USB devices not recognised as removable disks
- A USB device may not be recognised 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.
- Image and video playback are not supported.

Using the iPod mode

You can listen to music stored on your Apple devices, such as an iPod or an iPhone.

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. Press the [TUNE] button on the control panel to display the mode selection window, turn the [TUNE] knob to select **iPod** and then press the knob.



- (1) Current file number and total number of files
- (2) Playback time
- (3) Information about the song currently playing

Press the [MENU] button on the control panel to access the following menu options:

- **List:** Access the file list.
- Play a file on repeat.
- Play files on shuffle.
- **Information:** Display information about the song currently playing.
- **Sound settings:** You can change the settings related to sounds.

NOTICE

- **Depending on vehicle models or specifications, available options may vary.**
- **Depending on the system or amplifier specifications applied to your vehicle, available options may vary.**

Rewinding/Fast forwarding

On the control panel, press and hold the [SEEK/TRACK] button.

- You can also push and hold the Up/Down lever on the steering wheel.

Restarting the current playback

On the control panel, press the [SEEK] button.

- You can also push the Down lever on the steering wheel.

Playing the previous or next song

To play the previous song, press the [SEEK] button twice on the control panel. To play the next song, press the [TRACK] button on the control panel.

- You can also use the Up/Down lever on the steering wheel.

NOTICE

Press the [FILE] button on the control panel to display the mode selection window, turn the [FILE] knob to find the desired song and press the knob to play the file.

i Information

- Start the engine of your vehicle before connecting a device to your system. Starting the engine with a device connected to the system may damage the device.
- 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.

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 recognised. 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.
- Use a cable shorter than 1 metre in length, such as the one originally supplied with a new Apple device. Longer cables may lead to the audio system not recognising the Apple device.
- Fully insert a USB connector into the USB port. Failure to do so may cause a communication error.
- When your device is connected to the USB port and the AUX port simultaneously, it is recognised in the AUX mode. The device stays in the AUX mode even if the AUX cable is not connected to the system. To play music in iPod mode, disconnect the AUX cable from the device or change audio output of the device to "Dock."
- 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 recognised 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.
- Depending on the music player application you are using, information displayed on the system may differ.
- 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.
- 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.
- Skipping or improper operations may occur depending on the characteristics of your Apple device.
- If the Apple device malfunctions due to an Apple device defect, reset the Apple device and try again. (To learn more, refer to your Apple device manual.)



Using the AUX mode

you can listen to audio from your vehicle's speakers by connecting external devices.

1. On the control panel, press the [MEDIA] button.
2. When the mode selection window displays, turn the [TUNE] knob to select **AUX** and then press the knob.

press the [MENU] button on the control panel to access the following menu options:

- **Sound Settings:** You can change the settings related to sounds.

NOTICE

- Depending on vehicle models or specifications, available options may vary.
- Depending on the system or amplifier specifications applied to your vehicle, available options may vary.

NOTICE

- **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.**

BLUETOOTH (if equipped)

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.

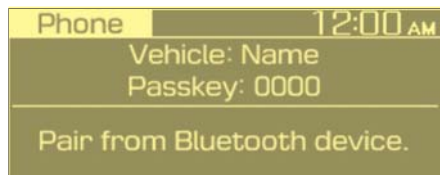
NOTICE

- **On your system, you can use only Bluetooth Handsfree and Audio features. Connect a mobile device that supports both features.**
- **Some Bluetooth devices may cause malfunctions to the audio system or make interference noises. In this case, storing the device in a different location may resolve the problem.**
- **Depending on the connected Bluetooth device or mobile phone, some functions may not be supported.**
- **If the system is not stable due to a vehicle-Bluetooth device communication error, delete the paired devices and connect the Bluetooth devices again.**
- **If Bluetooth connection is not stable, follow these steps to try again.**
 1. **Deactivate Bluetooth and reactivate it on the device. Then, reconnect the device.**
 2. **Turn the device off and on. Then, reconnect it.**
 3. **Remove the battery from the device and reinstall it. Then, turn the device on and reconnect it.**
 4. **Unregister the Bluetooth pairing on both the system and the device and then re-register and connect them.**
- **The Bluetooth connection is unavailable when the device's Bluetooth function is turned off. Be sure to turn on the device's Bluetooth function.**

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. From the control panel, press the  button, and then select **Bluetooth ► Add new device**.
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. Enter or confirm the passkey to confirm the connection.

- If the passkey input screen is displayed on the Bluetooth device screen, enter the passkey '0000' which is displayed on the system screen.
 - If the 6-digit passkey is displayed on the Bluetooth device screen, ensure that the Bluetooth passkey displayed on the Bluetooth device is the same as the passkey on the system screen 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.

NOTICE

- The screen image in this manual is an example. Check your system screen for the exact vehicle name and Bluetooth device name.
- The default passkey is '0000'.

- 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 4.
- If you use the automatic Bluetooth connection function, a call may be switched to the vehicle's Handsfree when you are taking on the phone near the vehicle while the vehicle's engine is on. If you do not want the system to connect with the device automatically, deactivate Bluetooth on your device.
- When a device is connected to the system via Bluetooth, the device's battery may discharge faster.

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. From the control panel, press the **[⚙️]** button, and then select **Bluetooth ► Paired devices**.
2. Turn the **[TUNE]** knob to select the device to connect, and then press the knob.
 - If another device is already connected to your system, disconnect it. Select the connected device to disconnect.

NOTICE

- **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.**
- **Depending on auto connection priority, connection to a device may take time.**
- **When Bluetooth is deactivated on the device you want to connect, you cannot connect the device to the system. Be sure to turn on the Bluetooth function.**

Disconnecting a device

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

1. From the control panel, press the **[⚙️]** button, and then select **Bluetooth ► Paired devices**.
2. Turn the **[TUNE]** knob to select your currently connected device and then press the knob.
3. Press the **[TUNE] knob** to select **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. From the control panel, press the [⚙️] button, and then select **Bluetooth ▶ Delete devices**.
2. Turn the [TUNE] knob to select the device to delete, and then press the knob.
3. Press the [TUNE] knob to select **Yes**.

NOTICE

- When you delete a paired device, the Call history and Contacts stored in the system are also deleted.
- To re-use a deleted device, you must pair the device again.

Using a Bluetooth audio device

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

1. On the control panel, press the [MEDIA] button.
2. When the mode selection window displays, turn the [TUNE] knob to select **Bluetooth audio** and then press the knob.



- (1) Information about the song currently playing

Press the [MENU] button on the control panel to access the following menu options:

- **Sound settings:** You can change the settings related to sounds.

NOTICE

- Depending on vehicle models or specifications, available options may vary.
- Depending on the system or amplifier specifications applied to your vehicle, available options may vary.

Pausing/Resuming playback

To pause playback, press the [TUNE] knob on the control panel. To resume playback, press the [TUNE] knob again.

- You can also press the Mute button on the steering wheel remote control.

Restarting the current playback

On the control panel, press the [SEEK] button.

- You can also push the Down lever on the steering wheel.

Playing the previous or next song

To play the previous song, press the **[SEEK]** button twice on the control panel. To play the next song, press the **[TRACK]** button on the control panel.

- You can also use the Up/Down lever on the steering wheel.

NOTICE

Depending on the connected Bluetooth device or mobile phone, playing the previous/next song may not be supported.

NOTICE

- 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 a Bluetooth enabled phone is being used to play music and it receives or makes a phone call, the music will stop.
 - Receiving an incoming call or making an outgoing call while playing Bluetooth audio may result in audio interference.
 - If you use the Bluetooth phone mode while using Bluetooth audio, playback may not automatically resume after you end the call depending on the connected mobile phone.
- Moving the track up/down while playing Bluetooth audio mode may result in pop noises with some mobile phones.
 - The Rewinding/Fast forwarding function is not supported in the Bluetooth audio mode.
 - The playlist feature is not supported in the Bluetooth audio mode.
 - If the Bluetooth device is disconnected, Bluetooth audio mode will end.



SETUP

Display

You can change the settings related to the system display.

1. On the control panel, press the [⚙️] button.
2. Turn the [TUNE] knob to select **Display** and then press the knob.
 - **Information**: Select information to be displayed on the screen during MP3 file playback.
 - **Mode**: Set to display the mode selection window when you press the [RADIO] or [MEDIA] on the control panel.
 - **Scroll text (Text Scroll)**: Set to scroll text when information text is too long to display all on the screen.

NOTICE

The text scroll function is only available in the following situation:

- When displaying titles in the USB/iPod/Bluetooth audio modes.
- When displaying device names on the paired device, deleting device, and the auto-connection priority list on Bluetooth.

Sound

You can change the settings related to sounds, such as the output level for each range.

1. On the control panel, press the [⚙️] button.
2. Turn the [TUNE] knob to select **Sound** and then press the knob.
 - **Equaliser (Tone)**: Adjust the output level for each sound tone mode.
 - **Speed dependent volume control (Speed Dependent Volume)**: Set the volume to be adjusted automatically according to your driving speed.

NOTICE

- Depending on vehicle models or specifications, available options may vary.
- Depending on the system or amplifier specifications applied to your vehicle, available options may vary.

Bluetooth

You can change the settings for Bluetooth connections.

1. On the control panel, press the [⚙️] button.
2. Turn the [TUNE] knob to select **Bluetooth** and then press the knob.
 - **Pairing**: pair new Bluetooth devices with your system.
 - **Connect**: connect or disconnect a paired device.
 - **Delete**: delete paired devices.
 - **Auto connection priority**: Select a paired device to connect to your system automatically when it turns on.

System

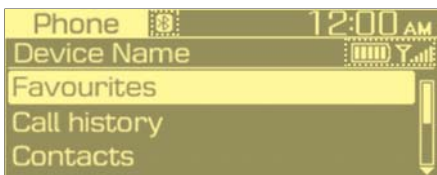
you can change the display language.

1. On the control panel, press the [⚙️] button.
2. Turn the [TUNE] knob to select **Language** and then press the knob.
3. Select the display language.


SYSTEM STATUS ICONS

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

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



Bluetooth

Icon	Description
	Mobile phone or audio device connected via Bluetooth

NOTICE

- The battery level displayed on the screen may differ from the battery level displayed on the connected device.
- Depending on vehicle models and specifications, some status icons may not be displayed.

AUDIO SYSTEM SPECIFICATIONS

USB

Supported audio formats

- Audio file specification
 - WAVeform audio format
 - MPEG1/2/2.5 Audio Layer3
 - Windows Media Audio Ver 7.X/8.X
- Bit rates
 - MPEG1 (Layer3): 32/40/48/56/64/80/96/112/128/160/192/224/256/320 kbps
 - MPEG2 (Layer3): 8/16/24/32/40/48/56/64/80/96/112/128/144/160 kbps
 - MPEG2.5 (Layer3): 8/16/24/32/40/48/56/64/80/96/112/128/144/160 kbps
 - WMA (High Range): 48/64/80/96/128/160/192 kbps

- Bits Per Sample
 - WAV (PCM(Stereo)): 24 bit
 - WAV (IMA ADPCM): 4 bit
 - WAV (MS ADPCM): 4 bit
- Sampling frequency
 - MPEG1: 44100/48000/32000 Hz
 - MPEG2: 22050/24000/16000 Hz
 - MPEG2.5: 11025/12000/8000 Hz
 - WMA: 32000/44100/48000 Hz
 - WAV: 44100/48000 Hz
- Maximum length of folder/file names (Based on Unicode): 40 English or Korean characters
- Supported characters for folder/file names (Unicode support): 2,604 Korean characters, 94 alphanumeric characters, 4,888 Chinese characters in common use, 986 special characters
- Maximum number of folders: 1,000
- Maximum number of files: 5,000

NOTICE

- Files that are not in a supported format may not be recognised or played, or information about them, such as the file name, may not be displayed properly.
- Only files with .mp3/.wma/.wav extensions can be recognised by the system. If the file is not in supported format, change the file format by using the latest encoding software.
- The device will not support files locked by DRM (Digital Rights Management).
- For MP3/WMA compression files and WAV file, differences in sound quality will occur depending on the bitrate. (Music files with a higher bitrate have a better sound quality.)
- Japanese or Simplified Chinese characters in folder or file names may not be displayed properly.

Supported USB storage devices

- Byte/Sector: 64 kbyte or less
- Format system: FAT12/16/32 (recommended), exFAT/NTFS

NOTICE

- **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 recognised.**
 - **USB storage devices in memory card types, such as CF card or SD cards, may not be recognised.**
- **USB hard disk drives may not be recognised.**
- **When you use a large capacity USB storage device with multiple logical drives, only files stored on the first drive will be recognised.**
- **If an application program is loaded on a USB storage device, the corresponding media files may not play.**
- **Use USB 2.0 devices for better compatibility.**

Bluetooth

- Bluetooth Power Class 2:
-6 to 4 dBm
- Aerial power: Max 3 mW
- Frequency range: 2402 to 2480 MHz
- Bluetooth patch RAM software version: 1

TRADEMARKS

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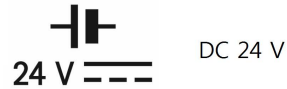
DIGITAL CAR AUDIO SYSTEM's Input Source designed till Max 0.7V.

Representative in the EU :

Mobis Parts Europe N.V.

Wilhelm-Fay-Strabe 51, 65936 Frankfurt Main, Germany
www.mobisparts.eu

Symbol Information



FCC Warning

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

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

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

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