

⚠ WARNING**- Audio System Safety Warnings**

- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- Do not disassemble, assemble, or modify the audio system. Such acts could result in accidents, fire, or electric shock.
- Using the phone while driving may lead to a lack of attention of traffic conditions and increase the likelihood of accidents. Use the phone feature after parking the vehicle.
- Exercise caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.

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- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.
- Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- Use the system with the vehicle ignition turned on. Prolonged use with the ignition turned off could result in battery discharge.

⚠ WARNING- Distracted Driving

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

⚠ CAUTION

- *Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device.*
- *Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.*
- *Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable level before turning off the device.)*

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- *If you want to change the position of device installation, please inquire with your place of purchase or service maintenance center. Technical expertise is required to install or disassemble the device.*
- *Turn on the car ignition before using this device. Do not operate the audio system for long periods of time with the ignition turned off as such operations may lead to battery discharge.*
- *Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch screen.*











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- *When cleaning the device, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration*
- *Do not place beverages close to the audio system. Spilling beverages may lead to system malfunction.*
- *In case of product malfunction, please contact your place of purchase or After Service center.*
- *Placing the audio system within an electromagnetic environment may result in noise interference.*

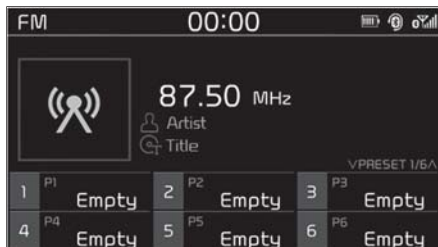
Information on status icons

Icons showing audio status are shown in the upper-right corner of the screen.

Icon		Description
	Mute	Mute engaged
	Battery	Remaining battery life of a connected Bluetooth® device
	Handsfree + Audio streaming connection	Bluetooth® Handsfree call and audio streaming available
	Handsfree connection	Bluetooth® Handsfree call available
	Bluetooth® audio streaming	Bluetooth® audio streaming available
	Downloading contacts	Downloading contacts through Bluetooth® wireless communications
	Downloading call history	Downloading call history through Bluetooth® wireless communications
	Line busy	Phone call in progress
	Mute mic	Mic muted during a call (caller cannot hear your voice)
	Phone signal strength	Display the phone signal strength for a cell phone connected by Bluetooth®

Radio

FM/AM (with RDS)



DAB (if equipped)



Switching between FM, AM and DAB*

- Press the **[RADIO]** button on the audio system to switch between FM, AM, and DAB*.

* if equipped

Searching stations

Press the **[SEEK/TRACK]** button to search stations.

Presets

Save up to 36 frequently used stations.

1. Press and hold the desired slot from 1 through 36. This saves the current station in the selected slot.
2. To save in slots numbered 7 or higher, press the **[PRESET]** button to move to the previous/next page and save.

To listen to a preset station, press the desired station in the list.

Menu

Press the **[MENU]** button, and select the desired function.

- **List:** A list of all available stations in the current location of the vehicle is displayed. Press the desired station.
- **Traffic Announcement (TA):** Enable or disable Traffic Announcements.
- **Scan:** All available stations are played for five seconds each.
- **Sound Settings:** Audio sound settings can be changed.

FM/AM (without RDS)**Switching between FM, AM**

- Press the **[RADIO]** button on the audio system to switch between FM and AM.

Searching stations

Search stations by pressing the **[SEEK/TRACK]** button on the product.

Presets

Save up to 36 frequently used stations.

1. Press and hold the desired slot from 1 through 36. This saves the current station in the selected slot.
2. To save in slots numbered 7 or higher, press the **[PRESET]** button to move to the previous/next page and save.

To listen to a preset station, press the desired station in the list.

Menu

Press the **[MENU]** button, and select the desired function.

- **List:** A list of all available stations in the current location of the vehicle is displayed. Press the desired station. Press the **[↔]** button to update the list of available stations.
- **Scan:** All stations available in the current location of the vehicle are played for five seconds each.
- **Station Name Settings:** Station name display can be set by region.
- **Sound Settings:** Audio sound settings can be changed.

Media

MP3

Supported audio formats

Compressed audio formats	MPEG1 Audio Layer3
	MPEG2 Audio Layer3
	MPEG2.5 Audio Layer3
	Windows Media Audio Ver 7.X & 8.X

*** NOTICE**

File formats other than the formats above may not be recognized or playable. Information such as file-name may not be displayed.

Range of supported compressed file types

1. Bitrate range (Kbps)

BIT RATE(kbps)	MPEG1	MPEG2	MPEG2.5	WMA
	Layer3			High Range
	32	8	8	48
	40	16	16	64
	48	24	24	80
	56	32	32	96
	64	40	40	128
	80	48	48	160
	96	56	56	192
	112	64	64	
	128	80	80	
	160	96	96	
	192	112	112	
	224	128	128	
	256	144	144	
320	160	160		

2. Sampling frequency (Hz)

MPEG1	MPEG2	MPEG2.5	WMA
44100	22050	11025	32000
48000	24000	12000	44100
32000	16000	8000	48000

- The sound quality of MP3/WMA compressed files may vary depending on the bitrate. (A higher bitrate can have better sound quality.)
- The product only recognizes files with the MP3 or WMA extension. Files without one of these extensions are not recognized.

3. Number of recognizable folders and files

- Folders: 2,000 for USB
- Files: 6,000 for USB
- No recognition limit for folder hierarchies

4. Character display range (Unicode)

- Filenames: Up to 64 English characters (64 Korean characters)
- Foldernames: Up to 32 English characters (32 Korean characters)

*** NOTICE**

The scroll feature can be used to display file and folder names that are too long to display on the screen.

Languages supported (Unicode support)

- Korean: 2,604 characters
- English: 94 characters
- Common Chinese characters: 4,888 characters
- Special symbols: 986 characters

*** NOTICE**

Japanese/Simplified Chinese characters are not supported.

*** NOTICE - Using the USB Devices**

- Starting the vehicle while a USB device is connected can damage the device. Please disconnect USB devices before starting the vehicle.
- Starting the vehicle or stopping the engine while an external USB device is connected can result in failure of the external USB device to operate.
- Be cautious of static electricity when connecting/disconnecting external USB devices.
- An encrypted MP3 player is not recognized when connected as an external device.
- External USB devices may not be recognized, depending on the state of the external USB device.
- Only products with byte/sectors formatted at 4 KB or lower are recognized.
- Only USB devices in FAT12/16/32 format are recognized; NTFS and ExFAT file systems are not recognized.
- Some USB devices are not recognized due to compatibility issues.

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- Do not touch the USB connections.
- Connecting and disconnecting USB devices rapidly over a short period of time can cause equipment failure.
- Abnormal sounds may be audible when the USB device is disconnected.
- Turn the audio off before connecting or disconnecting external USB devices.
- Recognition may take longer depending on the type, capacity or file format of the external USB device. This is not a product malfunction.
- Use of USB devices for purposes other than playing music files is prohibited.
- Image display and video playback are not supported.
- Use of USB accessories, including charge and heat though the USB I/F, can lead to reduced product performance or malfunctions. Do not use USB devices or accessories for these purposes.

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- Use of aftermarket USB hubs and extension cables can result in the vehicle's audio system failing to recognize your USB device. Connect the USB device directly to the multimedia port of your vehicle.
- When using high-capacity USB devices with logical drive divisions, only files saved on the highest level logical drive can be played. If applications are loaded on a USB drive, file playback may fail.
- Some MP3 players, cell phones, digital cameras, etc. (USB devices that are not recognized as mobile storage) may not operate normally when connected.
- USB charging may not be supported by some mobile devices.
- Operation is guaranteed only for standard (Metal Cover Type) USB Memory drives.
- Operation of HDD, CF, SD and memory stick devices is not guaranteed.

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- DRM (Digital Rights Management) files cannot be played.
- SD-type USB memory, CF-type USB memory, and other USB memory devices that require adapters for connection are not supported.
- Proper operation of USB HDDs or USB drives with connectors that loosen due to vehicle vibrations is not guaranteed. (iStick, etc.)
- USB products that are used as key chains or cell phone accessories may damage the USB jack and affect proper file playback. Please refrain from use. Use only products with plug connectors, as shown in the following illustration.
- When MP3 devices or cell phones are connected simultaneously through AUX, BT Audio and USB modes, a popping noise or malfunction may occur.



USB



(1) Repeat

Enable/disable repeat by pressing button [1].

(2) Shuffle

Enable/disable shuffle play by pressing button [2].

(3) List

View a list of all songs by pressing button [3].

Playback

- Press the [MEDIA] button, and select [USB].
- Connect a USB drive to the USB port to automatically play files on the USB drive.

Changing songs

- Press the [SEEK/TRACK] button to play the previous or next song.
- Press and hold the [SEEK/TRACK] button to rewind or fast forward the currently playing song.
- Search songs by turning TUNE knob, and press the knob to play.







Selecting songs from a list

Press the [List] to see a list of songs available for play.

Select and play the desired song.

Repeat play

Press the [Repeat] to enable or disable 'Repeat all', 'Repeat current song', 'Repeat folder' or 'Repeat category'.




-  Repeat all: Repeat all songs.
-  Repeat current song: The currently playing song is repeated.
-  Repeat folder: All songs in the current folder are repeated.
-  Repeat category: Repeat all songs in the current category.

* NOTICE

The repeat folder function is available only when songs are playing from the [File] category under [List].

Shuffle play

Press the [Shuffle] to enable/disable 'Shuffle', 'Shuffle folder' or 'Shuffle category' play.

-  Shuffle: Songs are played in random order.
-  Shuffle folder: Songs within the current folder are played in random order.
-  Shuffle category: Songs within the current category are played in random order.

Menu

Press the [MENU] button, and select the desired function.



- Save to My Music: Songs on your USB device can be saved to My Music.

- (1) File: Select a file by using TUNE knob.
- (2) Mark all(Mark All): Select all files by pressing button [1].
- (3) Unmark all(Unmark All): Deselect all files by pressing button [2].
- (4) Save: Save the selected files by pressing button [3].
 - Select the files you want to save, and press the [Save]. This saves the selected files to My Music.

- Saving is canceled if voice recognition is activated or phone calls are received or made while saving.
- Up to 6,000 files can be saved.
- Information: Detailed information on the song that is currently playing is displayed.
- Sound Settings: Audio sound settings can be changed.

*** NOTICE - Using the iPod® Devices**

- To use the audio system's iPod® control function, use the dedicated cable provided with your iPod®.
- Connecting the iPod® to the vehicle during play may result in a loud noise that lasts about one to two seconds. Connect the iPod® to the vehicle after stopping or pausing play.
- Connect the iPod® with the vehicle in the ACC ON state to begin charging.
- When connecting the iPod® cable, be sure to fully push the cable into the port.
- When EQ effects are enabled simultaneously on external devices, such as iPod®s and the audio system, the EQ effects may overlap, causing sound quality deterioration or distortion. Deactivate the EQ function for all external devices, if possible.
- Noise may occur when your iPod® or the AUX port is connected. Disconnect and store separately when not in use.

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- There may be noise if the audio system is used with an iPod® or AUX external device connected to the power jack. In these cases, disconnect the iPod® or external device from the power jack.
- Play may be interrupted, or device malfunctions may occur depending on the characteristics of your iPod®/iPhone®.
- Play may fail if your iPhone® is connected through both Bluetooth® and USB. In this case, select Dock connector or Bluetooth® on your iPhone® to change the sound output settings.
- If your software version does not support the communication protocol or your iPod® is not recognized due to device failure, anomalies or defects, iPod® mode cannot be used.
- iPod® nano (5th generation) devices may not be recognized if the battery is low. Charge sufficiently before use.

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- The search and song play order in the iPod® device may be different from the search order in the audio system.
- If the iPod® has failed due to an internal defect, please reset the iPod® (consult your iPod® manual).
- Depending on the software version, the iPod® may fail to sync with the system. If the media is removed or disconnected before recognition, the previous mode may not be restored (iPad® cannot be charged).
- Cables other than the 1-meter cable provided with iPod®/iPhone® products may not be recognized.
- When other music apps are used on your iPod®, the system sync function may fail due to malfunction of the iPod® application.

iPod®**(1) Repeat**

Enable/disable repeat by pressing button [1].

(2) Shuffle

Enable/disable shuffle play by pressing button [2].

(3) List

View a list of all songs by pressing button [3].

Playback

- Connect your iPod® to the audio USB port, press the [MEDIA] button, and select [iPod].

Changing songs

- Press the [SEEK/TRACK] button to play the previous or next song.
- Press and hold the [SEEK/TRACK] button to rewind or fast forward the currently playing song.
- Search songs by turning the TUNE knob, and press the knob to play.



Selecting songs from a list

Press the [List] to see a list of songs available for play.

Select and play the desired song.


Repeat play

Press the [Repeat] to enable or disable 'Repeat category', 'Repeat current song'.

-  Repeat category: Repeat all songs in the current category.
-  Repeat current song: The currently playing song is repeated.

Shuffle play

Press the [Shuffle] to enable/disable 'Shuffle category' play.

-  Shuffle category: Songs within the current category are played in random order.

Menu

Press the [MENU] button, and select the desired function.

- Information: Detailed info on the currently playing song is displayed.
- Sound Settings: Audio sound settings can be changed.



Playing iPod files

- Select [Play iPod files(Play iPod Files)] to play songs saved on your iPod®.

If there are no songs saved on your iPod®, the [Play iPod files(Play iPod Files)] is disabled.

When other music programs are running

When songs saved on your iPod® are playing through a separate music app, the following screen is displayed.

- (1) Play/Pause: Pause or play music by pressing button [1].
- (2) Play iPod files(Play iPod Files): Play music files saved on your iPod® by pressing button [2].

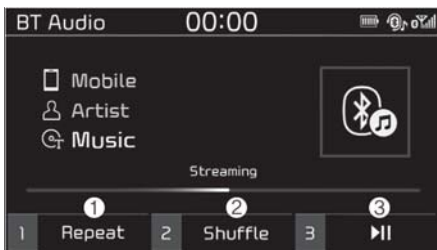
*** NOTICE - Using
Bluetooth® (BT)
Audio**

- Bluetooth® Audio mode can only be used if a Bluetooth®-enabled phone is connected. Only devices that support Bluetooth® audio can be used.
- If the Bluetooth®-enabled phone is disconnected during play, the music stops.
- When the TRACK UP/DOWN buttons are used during Bluetooth® audio streaming, a popping noise or sound interruptions may occur, depending on the cell phone device.
- Depending on the cell phone model, the audio streaming function may not be supported.
- If a phone call is made or received when music is playing in Bluetooth® Audio mode, the call may mix with the music.
- When returning to Bluetooth® Audio mode after ending a call, play might not resume automatically for some cell phone models.

 **CAUTION**

- *Bluetooth® Wireless Technology Handsfree is a feature that enables drivers to practice safe driving. Connecting the car audio system with a Bluetooth® Wireless Technology phone allows the user to conveniently make calls, receive calls, and manage the phone book. Before using the Bluetooth® Wireless Technology, carefully read the contents of this user's manual.*
- *Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents.*
- *Do not operate the device excessively while driving.*
- *Viewing the screen for prolonged periods of time is dangerous and may lead to accidents.*
- *When driving, view the screen only for short periods of time.*

Bluetooth® (BT) Audio



(1) Repeat

Enable/disable repeat by pressing button [1].

(2) Shuffle

Enable/disable shuffle play by pressing button [2].

(3) Play/Pause

Pause or play music by pressing button [3].

* NOTICE

Some cell phones may not support this function.

Playback

- Press the [MEDIA] button, and select [BT Audio].

Changing songs

- Press the [SEEK/TRACK] button to play the previous or next song.

* NOTICE

Some cell phones may not support this function.

Repeat play

Press the [Repeat] to enable or disable 'Repeat all', 'Repeat current song' or 'Repeat category'.

- Repeat all: Repeat all songs.
- Repeat current song: The currently playing song is repeated.
- Repeat category: Repeat all songs in the current category.

* NOTICE

The repeat play function is engaged, depending on the operation of the connected Bluetooth® device.

Shuffle play

Press the [Shuffle] to enable/disable 'Shuffle', 'Shuffle category' play.

- Shuffle: Songs are played in random order.
- Shuffle category: Songs within the current category are played in random order.

* NOTICE

The shuffle function is engaged, depending on the operation of the connected Bluetooth® device.

Connections

- Connections: The currently connected Bluetooth® device can be changed.

Menu

Press the [MENU] button, and select the desired function.

- Connections: The currently connected Bluetooth® device can be changed.
- Sound Settings: Audio sound settings can be changed.

AUX



Running AUX

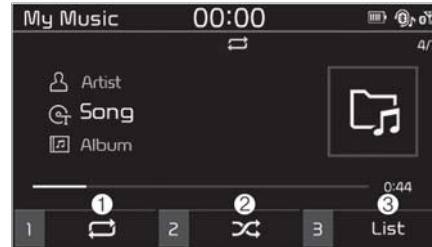
- Press the **[MEDIA]** button, and select **[AUX]**.
- Connect the external device connection jack to the AUX terminal to run AUX.

Menu

Press the **[MENU]** button and select the desired function.

- Sound Settings: Audio sound settings can be changed.

My Music



(1) Repeat

Enable/disable repeat by pressing button **[1]**.

(2) Shuffle

Enable/disable shuffle play by pressing button **[2]**.

(3) List

View a list of all songs by pressing button **[3]**.

Playback

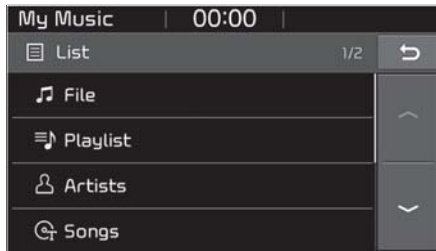
Press the **[MEDIA]** button, and select **[My Music]**.

- My Music cannot be selected if it does not contain music.
- Check the content of your USB drive before saving music to My Music.

Changing songs

Press the **[SEEK/TRACK]** button to play the previous or next song.

- Press and hold the **[SEEK/TRACK]** button to rewind or fast forward the currently playing song.
- Search songs by turning the **TUNE** knob and press the knob to play.



Selecting songs from a list

Press the [List] to see a list of songs available for play.

Select and play the desired song.

Repeat play

Press the [Repeat] to enable or disable 'Repeat all', 'Repeat current song' or 'Repeat category'.

- Repeat all: Repeat all songs.
- Repeat current song: The currently playing song is repeated.
- Repeat category: Repeat all songs in the current category.

Shuffle play

Press the [Shuffle] to enable/disable 'Shuffle', 'Shuffle category' play.

- Shuffle: Songs are played in random order.
- Shuffle category: Songs within the current category are played in random order.

Menu

Press the [MENU] button, and select the desired function.



• Delete files: You can delete files from My Music.

- (1) File: Select saved file by using **TUNE** knob.
- (2) Mark all(Mark All): Select all files by pressing button [1].

(3) Unmark all(Unmark All): Deselect all files by pressing button [2].

(4) Delete: Delete the selected file(s) by pressing button [3].

- Select the file to delete, then press the [Delete] to delete it.
- Delete is canceled if voice recognition is activated or phone calls are received or made during delete.

• Add to Playlist: Frequently played songs can be paired in a [Playlist].

- Songs can be played from the [Playlist].

• Information: Detailed info on the currently playing song is displayed.

• Sound Settings: Audio sound settings can be changed.

Delete from playlist(Delete from Playlist)

When a song in the playlist is playing, press the [MENU] button and select [Delete from playlist(Delete from Playlist)].

Select the song to delete, then press [Delete].

Phone

* NOTICE - Using Bluetooth® (BT) Phone

- Bluetooth® is a near-field wireless networking technology that uses the 2.4 GHz frequency to connect various devices within a certain distance wirelessly.
- The technology is used in PCs, peripherals, Bluetooth® phones, tablet PCs, household appliances and automobiles. Devices supporting Bluetooth® can exchange data at high speeds without physical cable connections.
- Bluetooth® Handsfree devices enable convenient access to phone functions through cell phones equipped with Bluetooth®.
- Some Bluetooth® devices may not be supported by the Bluetooth® Handsfree function.

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- When Bluetooth® is connected and calls are attempted through a connected cell phone from outside the vehicle, the call is connected through the Bluetooth® Handsfree function of the vehicle.
- Please be sure to disconnect the Bluetooth® Handsfree function through your Bluetooth® device or the audio screen.
- The Bluetooth® Handsfree function helps drivers to drive safely. By connecting a Bluetooth®-enabled phone to the vehicle's audio system, phone calls can be made and received through the audio system and contacts can be managed. Consult the user manual before use.
- Excessive manipulation of controls while driving, making it difficult to pay attention to the road ahead, can lead to accidents. Do not operate the device excessively while driving.
- Looking at the screen for a prolonged time increases the risk of accidents. Keep time spent looking at the screen to a minimum.

Precautions when connecting Bluetooth® devices

- The vehicle supports the following Bluetooth® functions. Some Bluetooth® devices may not support some functions.
 - 1) Bluetooth® Handsfree phone calls
 - 2) Operations during a call (Private, Switch, Mic Vol.(Out Vol.) controls)
 - 3) Download call history saved to the Bluetooth® device
 - 4) Download contacts saved to the Bluetooth® device
 - 5) Automatic contacts/call history download when Bluetooth® is connected
 - 6) Automatic Bluetooth® device connection when the vehicle is started
 - 7) Bluetooth® audio streaming playback
- Before connecting the audio system to your device, make sure your device supports Bluetooth®.
- Even if your device supports Bluetooth®, a Bluetooth® connection cannot be established if the device's Bluetooth® function is switched off. Search and connect with the Bluetooth® function enabled.
- Pair or connect Bluetooth® devices to the audio system with the vehicle at a standstill.
- If a Bluetooth® connection is lost due to abnormal conditions while a Bluetooth® device is connected (communication range exceeded, device power OFF, communication errors, etc.), the disconnected Bluetooth® device is searched for and automatically reconnected.
- If you want to disable the Bluetooth® device auto-connect function, turn the Bluetooth® function OFF on your device. Consult the user manuals for individual devices to see whether Bluetooth® is supported.
- Handsfree call quality and volume may vary depending on the type of Bluetooth® device.
- Some Bluetooth® devices are subject to intermittent Bluetooth® connection failures. In this case, use the following method.
 - 1) Turn the Bluetooth® function off on your Bluetooth® device → Turn it on and try again.
 - 2) Delete the paired device from both the audio system and Bluetooth® device, then pair again.
 - 3) Power down your Bluetooth® device → Turn it on and try again.
 - 4) Completely remove the battery from your Bluetooth® device; reinsert it, reboot, and attempt connection.
 - 5) Restart the vehicle and reattempt connection.

Pairing a Bluetooth® device

Information on pairing Bluetooth® devices

- Pairing refers to the process of pairing Bluetooth® cell phones or devices with the system prior to connection. This is a necessary procedure for Bluetooth® connection and usage.
- Up to five devices can be paired.
- Pairing Bluetooth® device is not allowed while vehicle is moving

Pairing the first Bluetooth® device

Select the **[PHONE]** button on the audio system or the **[CALL]** button on the steering wheel remote control → Search for the vehicle from the Bluetooth® device, and pair → Enter the passkey on the Bluetooth® device or approve passkey → Bluetooth® pairing completed.

1. When the **[PHONE]** button on the audio or the **[CALL]** button on the steering wheel remote control is pressed, the following screen is displayed. Devices can now be paired.

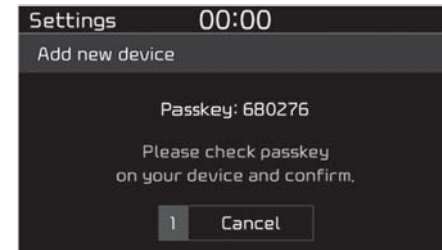


- (1) Device name (Vehicle name): Searched name in Bluetooth® device.

* NOTICE

The device name (vehicle name) in the image above is an example. Refer to your device for the actual name of your device.

2. Search for available Bluetooth® devices in the Bluetooth® menu of your Bluetooth® device (cell phone, etc.).
3. Confirm that the device name (vehicle name) in your Bluetooth® device matches the device name (vehicle name) shown on the audio screen, then select it.



4. For devices that require passkey confirmation, the following screen is shown on the audio system. A 6-digit passkey input screen is shown in the Bluetooth® device.
 - After confirming that the 6-digit passkey on the audio screen and the Bluetooth® device are identical, press [OK] in your Bluetooth® device.

* NOTICE

The 6-digit passkey in the image above is an example. Refer to your vehicle for the actual passkey.

Pairing a second Bluetooth® device

Press the **[SETUP]** button on the audio system → Select **[Bluetooth]** → Select **[Connections]** → Select **[Add new(Add New)]**.



- The pairing procedure from this point is identical to [Pairing the first Bluetooth device].

* NOTICE

- Bluetooth® standby mode lasts for three minutes. If a device is not paired within three minutes, pairing is canceled. Start over from the beginning.
- For most Bluetooth® devices, a connection is established automatically after pairing. Some devices, however, require separate confirmation when connecting after pairing. Be sure to check your Bluetooth® device after pairing to confirm that it has connected.

Connecting Bluetooth® devices

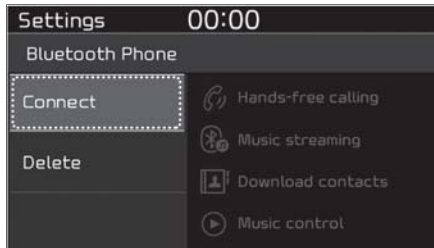
If there are no connected devices

Select the **[PHONE]** button on the audio system or the **[CALL]** button in the steering wheel remote control → List of paired Bluetooth® devices → Select the desired Bluetooth® device from the list → Connect Bluetooth®.



If there are connected devices

Select the **[PHONE]** button on the audio system → Select **[Settings]** → Select **[Connections]** → Select Bluetooth® device to connect → Select **[Connect]** → Connect Bluetooth®.

*** NOTICE**

- Only one Bluetooth® device can be connected at a time.
- When a Bluetooth® device is connected, other devices cannot be paired.

Accepting/rejecting phone calls

Receiving phone calls with Bluetooth® connected.



- (1) Caller name: If the caller number is in your contacts, the corresponding name is displayed.
- (2) Incoming phone number: Incoming phone number is displayed.
- (3) Accept: Accept call.
- (4) Reject: Reject call.

*** NOTICE**

- When the incoming call screen is displayed, audio mode and the settings screen cannot be shown. Only call volume control is supported.
- Some Bluetooth® devices may not support the call reject function.
- Some Bluetooth® devices may not support the phone number display function.

Operation during calls

Incoming call with Bluetooth® connected → Select [Accept].



- (1) Call duration: Call duration display.
- (2) Caller name: If the caller number is in your contacts, the corresponding name is displayed.
- (3) Incoming phone number: Incoming phone number is displayed.
- (4) Private: Call is transferred to a cell phone.
- (5) End: End call.
- (6) Mute: Block outgoing voice.

Menu

Press the [MENU] button and select the desired function.

- Switch: Switch between calls if connected to two or more calls.
- Outgoing volume: Adjust outgoing voice volume.

* NOTICE

- Some Bluetooth® devices may not support the Private function.
- The outgoing voice volume may vary depending on the type of Bluetooth® device. If the outgoing voice volume is too high or low, adjust the Microphone Volume (Outgoing Volume).
- The Switch menu will only be displayed if connected to two or more calls.

Favourites(Favorites)

Select the [PHONE] button on the audio system → Select [Favourites (Favorites)] → Favourites(Favorites) list displayed.



- (1) Add to favourites(Favorites): Add a downloaded phone number to favorites.
- (2) Favourites(Favorites) list: A list of paired favorites is displayed. Connect a call when selected.

Menu

Press the [MENU] button, and select the desired function.

- Delete: Delete a saved favorite.

*** NOTICE**

- Up to 20 favourites(favorites) can be paired for each paired Bluetooth® device.
- Favourites(Favorites) can be accessed when the Bluetooth® device they were paired from is connected.
- The audio system does not download favourites(favorites) from Bluetooth® devices. Favourites (Favorites) must be newly saved before use.
- To add to favourites(favorites), contacts must be downloaded first.
- Saved favourites(favorites) are not updated even if the contacts of the connected Bluetooth® device are changed. In this case, favourites (favorites) need to be deleted and added again.

Call history

Select the **[PHONE]** button on the audio system → Select [Call history] → Call history is displayed.



- (1) Call history: Display the downloaded call history list.
Connect a call when selected.
- (2) Call duration: Display the time the call was connected.

Menu

Press the **[MENU]** button, and select the desired function.

- All Calls: Display all call history.
- Missed Calls: Display missed calls.
- Dialed Calls: Display dialed calls.
- Received Calls: Display received calls.
- Download: Download call history from connected Bluetooth® devices.

*** NOTICE**

- Up to 50 dialed, received and missed calls are saved.
- When the latest call history is received, the existing call history is deleted.

Contacts

Select the **[PHONE]** button on the audio system → Select **[Contacts]** → Select letter (ABC) → Contacts displayed.



(1) Contacts: Display downloaded contacts.

If one phone number is saved, the number will be dialed when selected.

If two or more phone numbers are saved, a list of saved numbers will be displayed when selected.

Menu

Press the **[MENU]** button, and select the desired function.

- Download: Download contacts from connected Bluetooth® devices.

* NOTICE

- Up to 2,000 contacts can be saved.
- In some cases, additional confirmation from your Bluetooth® device is necessary when downloading contacts. If downloading of contacts unsuccessful, consult your Bluetooth® device's settings or the audio screen to approve the download.
- Contacts without phone numbers are not displayed.

Settings

Select the **[PHONE]** button on the audio → Select **[Settings]**

- For phone settings, refer to Setup page.

Voice Recognition (if equipped)

* NOTICE - Using the Voice Recognition

- Voice recognition is a safety technology that recognizes user voice commands and executes multimedia functions during driving.
- Unfortunately, due to technical limitations, the system is unable to recognize all voice commands. To address these limitations, the voice commands that the system recognizes are displayed on the screen. Use the displayed commands.
- Because human speech varies, voice recognition is sometimes unable to properly recognize user voice commands. In these cases, repeat the voice command displayed on the screen, or use the button on the screen to execute the desired function.

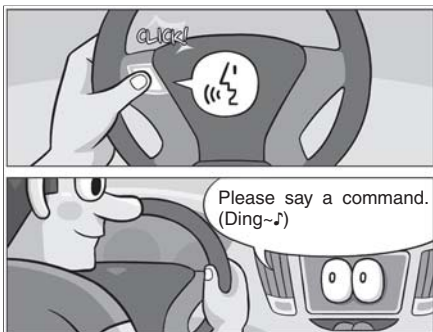
Precautions to ensure smooth voice recognition

- If the language setting is Slovakian, Hungarian or Korean, voice recognition is not supported.
- Voice recognition only supports voice commands indicated on-screen or in the user manual.
- For proper voice recognition, speak after the beep, which sounds after voice notification.
- Voice recognition automatically stops in the following events.
 - 1) Outgoing and incoming phone calls.
 - 2) Media (USB, etc.) is connected (voice recognition mode is maintained when iPod®s are connected).
 - 3) Rear camera is activated (option).
 - 4) Vehicle is started or engine is turned off.
 - 5) Screen transition buttons, such as **[RADIO]** or **[MEDIA]**, are selected.
 - 6) When a pop-up message is displayed on the screen due to accidental execution of the voice recognition function.
- The voice recognition microphone is located above the driver's seat. To ensure proper voice recognition, state voice commands while maintaining proper driving posture.
- Better voice recognition is possible if you speak naturally and clearly, as you would in normal conversation.
- In the following situations, outdoor noise may prevent proper voice recognition.
 - 1) Wind noise from an open window or sunroof may disrupt voice recognition.
 - 2) Operating the climate blower at a high level may cause wind noise that disrupts voice recognition. The recommended setting is 3 or below.
 - 3) When passing through tunnels, vehicle echoes may disrupt voice recognition.
 - 4) When passing over uneven terrain, vehicle noise may disrupt voice recognition.
 - 5) Noise from rain in heavy storms may disrupt voice recognition.

Starting/ending voice recognition, and settings

Starting voice recognition

Press the **[VOICE]** button on the steering wheel remote control to start voice recognition and see the voice recognition screen.



Ending voice recognition

- In voice recognition mode, say the command 'Exit' to end voice recognition.
- Press the [Exit] on the bottom left corner of the screen to end voice recognition.
- Press and hold the **[VOICE]** button on the steering wheel remote control to end voice recognition.



Quick-starting voice recognition (manual control)

- Normally, to start voice recognition, you must wait for the voice prompt before saying a command. This involves some waiting time. To run the function immediately to select the commands displayed on the screen.
- This feature is useful if the voice prompt takes too long or the system fails to properly recognize your voice commands.



Skip voice prompt

- While the voice prompt is playing, press the **[VOICE]** button on the steering wheel remote control to skip the voice prompt and place the system in standby for your voice commands.
- This feature is useful if the voice prompt takes too long or you already know the voice command for the desired function.



Extending voice recognition standby time

- After voice recognition is started and the voice prompt and beep sound ('Ding~') are played, the system enters standby for user voice commands for five seconds. During this five-second standby, press the button again to play the beep sound ('Ding~'), and extend voice command standby time by five seconds.
- If you do not say a command for five seconds, you are prompted by voice to repeat your command.



Adjusting voice prompt volume

- While voice recognition is running, turn the **VOL** knob for the audio to adjust voice prompt volume.



* NOTICE

The minimum voice prompt volume is 1.

Guide to the voice recognition screen

Voice recognition start screen



- (1) Four most frequently used commands: The four most frequently used commands are displayed.
- (2) Commands requiring additional settings: Commands that require additional settings before use are displayed.
- (3) Voice status icon display.
 - Voice recognition standby.
 - Voice prompt in progress.
 - Processing voice command.
- (4) User voice volume: User voice volume is displayed in real time.

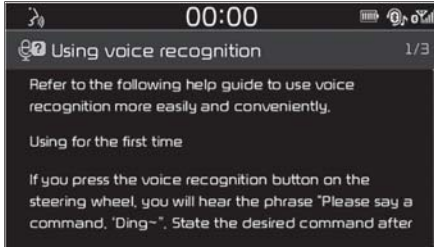
- (5) Recognition results: Results for voice command input are displayed.
- (6) Help: Available voice commands displayed in stages.
- (7) Exit: End voice recognition.

Voice recognition Help screen



- (1) List of voice commands
 - Available voice commands are displayed.
 - Select or state each command to bring up additional detailed commands.
- (2) Voice recognition usage instructions: Instructions for use of voice recognition are displayed.

Voice recognition usage instructions screen



- (1) Usage instructions display:
Detailed instructions on voice instruction usage.

* NOTICE

- Voice recognition is disabled in the voice recognition usage instructions screen. Only manual controls are supported.
- The voice recognition usage instructions screen provides a large amount of information. For safety, the screen is disabled while driving.

List of voice commands

Voice command types

- Voice commands are categorized into 'Global Commands' and 'Local Commands'.
 - 1) Global Commands (●): Commands that can be used immediately after voice recognition is started.
 - 2) Local Commands (○): Commands that can be used when radio, media or Bluetooth® phone functions are running or displayed on the screen after voice recognition is started.

Phone commands

- Voice commands associated with phone functions can be used after a Bluetooth® device has been connected.
- To use voice commands using contact names, such as ‘Call John Smith’, download contacts beforehand.
- After contacts are downloaded over Bluetooth®, some time may be required for conversion of contact info into voice data. During this conversion, phone calls cannot be made by saying contact names. The time required for contact info conversion depends on the number of entries in Contacts.
- When the ‘Call <Name>’ command is used, the name info saved in the downloaded contacts is used. If a friend with the name ‘John Smith’ is saved to Contacts under the nickname ‘Buddy’, ‘Call John Smith’ is not recognized as a valid command. Instead, ‘Call Buddy’ is recognized.

Command	Features
● Call	Downloaded contacts are shown on-screen. Dial by stating the name of the desired contact.
● Call history	Recent call history is shown on the screen. State the number of the item on the screen to dial.
● Redial	Immediately redial the last outgoing phone number in Call History.

Command	Features
● Call <Name>	Immediately dial the phone number under <Name> in downloaded contacts. E.g. Call <John Smith>
● Call <Name> on Mobile	Immediately dial the number saved under ‘mobile’ for <Name> in downloaded contacts. E.g. Call <John Smith> on mobile
● Call <Name> at Work	Immediately dial the number saved under ‘work’ for <Name> in downloaded contacts. E.g. Call <John Smith> at work
● Call <Name> at Home	Immediately dial the number saved under ‘home’ for <Name> in downloaded contacts. E.g. Call <John Smith> at home
● Call <Name> on Other	Immediately dial the number saved under ‘other’ and not ‘cell, home, or work’ for <Name> in downloaded contacts. E.g. Call <John Smith> on other
● Dial Number	Display a screen enabling you to say a phone number to dial.

*** NOTICE**

When dialing by name, if there are similar names or multiple subentries (mobile, work, home, other), you may be prompted to select the contact desired from a list.

Radio voice commands

Command	Features
● FM	Start FM radio.
● AM	Start AM radio.
● DAB	Start DAB* radio.
● Radio	Start the radio in FM, AM or DAB* mode, depending on what mode was used last.
● Traffic Announcement On	Turn traffic announcement on.
● Traffic Announcement Off	Turn traffic announcement off.
○ Station List	Show a radio station list.
○ Preset <1–40>	Run the saved preset 1–40.

(* if equipped)

Media commands

If no media type is connected or there are no files available for playback, a voice prompt to that effect is played.

- If the name of the media currently playing is stated, the current status of operation is maintained.

E.g. Say 'USB' during USB playback.

- External (AUX) devices do not support play, pause, shuffle and repeat voice commands.

Command	Features
● USB	<ul style="list-style-type: none"> • Play music files on the currently connected USB drive. • Play iPod® music instead of USB if an iPod® is connected.
● My Music	Play My Music files saved internally on the system.
● iPod	<ul style="list-style-type: none"> • Play music files on the currently connected iPod®. • Play USB drive music instead of iPod® if a USB drive is connected. • Operate in the same manner when an iPhone is connected.
● Bluetooth Audio	Play music files on the currently connected Bluetooth® device.
● AUX	Play music on the currently connected external device.
● Media	Play the last played music media.

USB, iPod®, My Music commands

Command	Features
<input type="radio"/> Play	<ul style="list-style-type: none"> • Resume playback of a paused file. • If playback is in progress, current status is maintained.
<input type="radio"/> Pause	<ul style="list-style-type: none"> • Pause the currently playing file. • If already paused, current status is maintained.
<input type="radio"/> Shuffle	<ul style="list-style-type: none"> • Play all files in random order. • If already in Shuffle Play mode, current status is maintained.
<input type="radio"/> Shuffle Off	<ul style="list-style-type: none"> • If currently in Shuffle Play mode, it is canceled and tracks are played in order. • If Shuffle Play mode has already been disabled, current status is maintained.
<input type="radio"/> Repeat	<ul style="list-style-type: none"> • Repeat playback of the current file. • If already in repeat playback mode, current status is maintained.
<input type="radio"/> Repeat Off	<ul style="list-style-type: none"> • If in repeat playback mode, repeat is canceled. • If repeat playback mode has already been disabled, current status is maintained.

Bluetooth® Audio commands

Command	Features
<input type="radio"/> Play	<ul style="list-style-type: none"> • Resume playback of a paused file. • If playback is in progress, current status is maintained.
<input type="radio"/> Pause	<ul style="list-style-type: none"> • Pause the currently playing file. • If already paused, current status is maintained.
<input type="radio"/> Shuffle	Play in random order.
<input type="radio"/> Shuffle Off	If currently in Shuffle Play mode, it is canceled and tracks are played in order.
<input type="radio"/> Repeat	Repeat playback of the current file.
<input type="radio"/> Repeat Off	If in repeat playback mode, repeat is canceled.

*** NOTICE**

Some Bluetooth® devices may not support the play/pause features.

Miscellaneous commands

Command	Features
● Help	Show the voice recognition Help screen, view and execute available commands.
○ Line 1-3	<ul style="list-style-type: none">• As with the Call History list, if a particular name cannot be selected, its index number in the list can be used instead.• 'First', 'Second' and other ordinal numbers are recognized.
○ Yes/No	Used to answer questions asked by the system during voice recognition.
○ Previous/Next	If more than four search results are returned, these voice commands can be used to navigate to the previous or next page.

Setup



Access Display, Sound, Date/Time, Bluetooth, System and Display Off settings.

Select the **[SETUP]** button on the audio system.

Display

Select the **[SETUP]** button on the audio system → Select [Display].

- Dimming mode(Dimming Mode): Audio screen brightness can be adjusted to the time of day.
- Brightness(Illumination): The brightness of the audio screen can be changed.
- Screensaver(Screen Saver): Set the information displayed when the audio system is switched off or the screen is turned off.
- Text scroll*: If text is too long to be displayed on the screen, enable the text scroll function.

* if equipped

Sound

Select the **[SETUP]** button on the audio system → Select [Sound].

- Position: Sound balance and panning can be adjusted.
- Equaliser(Tone): Sound tone color can be adjusted.
- Speed dependent volume control(Speed Dependent Volume): Automatically adjust volume based on vehicle speed.
- Beep: Select whether to play a beep sound when the screen is touched.

Date/Time

Select the **[SETUP]** button on the audio system → Select [Date/Time].

- Set time: Set the time displayed on the audio screen.
- Time format(Time Format): Choose between 12-hour and 24-hour time formats.
- Set date(Set Date): Set the date displayed on the audio screen.

Bluetooth

Select the **[SETUP]** button → Select [Bluetooth].

- Connections: Control pairing, deletion, connection and disconnection of Bluetooth® devices.
- Auto connection priority(Auto Connection Priority): Set the connection priority of Bluetooth® devices when the vehicle is started.
- Update contacts(Download Contacts): Contacts can be downloaded from connected Bluetooth® devices.
- Bluetooth voice guidance*: Play or mute voice prompts for Bluetooth® device pairing, connection and errors.

* if equipped

*** NOTICE**

- When paired devices are deleted, the call history and contacts of the device saved to the audio system are deleted.
- For Bluetooth® connections with low connection priority, some time may be required for the connection to be established.
- Contacts can be downloaded only from the currently connected Bluetooth® device.
- If no Bluetooth® device is connected, the Download Contacts button is disabled.
- If the language setting is English, Bluetooth® voice prompts are not supported.
- If the language setting is Slovakian, Hungarian or Korean, Bluetooth® voice guidance is not supported.

System

Select the **[SETUP]** button on the audio system → Select [System].

- Memory information (Memory Information): View My Music memory usage.
- Voice recognition guidance (Voice Recognition Guidance): Adjust the length of the voice recognition prompt.
- Language: Change the user language.
- Default: Reset the audio system.

*** NOTICE**

The system resets to the default values, and all saved data and settings are lost.

Display Off

To prevent glare, the screen can be turned off with the audio system in operation.

Select the **[SETUP]** button on the audio system → Select [Display Off].

*** NOTICE**

Use 'Screensaver (Screen Saver)' to set the information to be displayed when the screen is turned off.

eCALL (EMERGENCY CALL) (if equipped)

The driver makes a call to the rescue center by pressing the **[SOS]** or **[TEST]** button.

Press the **[SOS]** or **[TEST]** button.

- Do not operate all buttons.
- Stops sound and "SOS" or "SOS TEST" is displayed on screen.

FCC Warning

U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT INFORMATION TO THE USER

NOTE : This equipment has been tested and founded to comply with the limits for a 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 dose cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encourage 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 of a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

The users manual or instruction manual for an unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

This equipment complies with FCC radiation exposure 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.

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.

IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment should be installed and operated with minimum 20 cm between the radiator and your body.

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm entre le radiateur et votre corps.

Toute modification non expressément approuvée par la partie responsable de la conformité pourrait annuler l'autorisation accordée à l'utilisateur d'utiliser cet équipement.