

Model name :

AC114C1GG, AC112C1GN, AC112C1GE, AC112C1EE, AC112C1GL, AC115C1GG, AC110C1MG

Audio system

AUDIO (With Touch Screen)



<Type 1: Head-Unit>



<Type 2: Head-Unit>

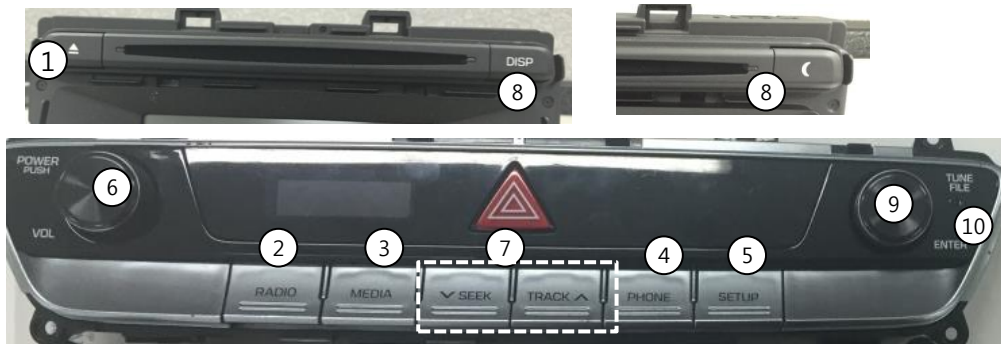


<Accessory : External keyboard>

Audio system

Feature of Your Audio

Head unit



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

(1) **EJECT**

- Eject the inserted disc.

(2) **RADIO**

- Start FM or AM Radio.

(3) **MEDIA**

- Select Disc, USB(iPod®), Bluetooth® (BT) Audio*, AUX or My Music.
- Display the media menu when two or more media are connected or when the [MEDIA] button is pressed in media mode.

* if equipped

(4) **PHONE**

- Start Bluetooth® Phone mode.

(5) **SETUP**

- Access Display, Sound, System and Display Off settings.

(6) **POWER/VOL** knob

- Turn to adjust the volume.
- Press to turn the device on or off.

(7) **SEEK/TRACK**

- Search for frequencies in radio mode.
- Change the current song in media mode.

(8) **DISP**

- Turn the display on or off.

(9) **TUNE** knob

- Turn to navigate through the stations/songs list.
- Press to select an item.

(10) **RESET**

- Shutdown and restart the system.

Steering wheel remote control



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

(1) MODE

- Press the button to change the mode in the following order: Radio → Media.
- Press and hold the button to turn off.

(2) VOLUME

- Press to adjust the volume.

(3) UP/DOWN

- Press the button in radio mode to search Presets.
- Press and hold the button in radio mode to search frequencies.
- Press the button in media mode to change the current song.
- Press and hold the button in media mode to quick search through songs.

(4) CALL

- Pressing the button
 - If not in Bluetooth® Handsfree mode or receiving a phone call.
First press: Display Dial Number screen.
Second press: Automatically display the most recently Dialed Call number.
Third press: Dial the phone number entered.

- Press in the Incoming Call notification screen to accept the phone call.
- Press in Bluetooth® Handsfree mode to switch to the waiting call.
- Pressing and holding the button
 - If not in Bluetooth® Handsfree mode or receiving a phone call, the most recently Dialed Call number is dialed.
 - Press in Bluetooth® Handsfree mode to transfer the call to your cell phone.
 - Press in cell phone mode to switch to Bluetooth® Handsfree mode.

(5) END

- Press in Bluetooth® Handsfree mode to end the phone call.
- Press in the incoming call screen to reject the call.

⚠ 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 levels 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.*
- *Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.*

Audio system

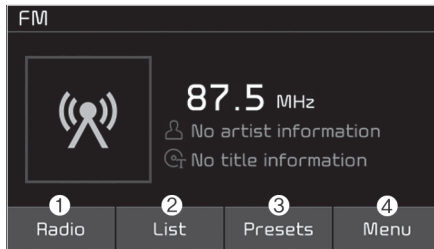
Information on status icons

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®

RDS Radio (if equipped)

FM/AM



(1) Radio

Switch between FM and AM.

(2) List

View all available stations.

(3) Presets

View all presets.

(4) Menu

Navigate to the menu screen.

Switching between FM, AM

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

Searching frequencies

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

List

A list of all stations available in the vehicle's current location is displayed. Press the desired station.

Favourite stations can be saved to **[Presets]** by pressing the **[+]**.

Presets

Save up to 40 frequently used stations.

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

Press and hold the desired slot from 1 through 40. This saves the current station in the selected slot.

If the slot is empty, simply pressing saves the station to the slot.

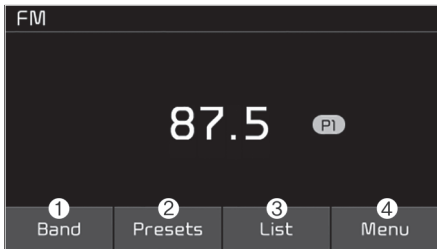
Menu

Press the **[Menu]**, and select the desired function.

- **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.

Radio

FM/AM



(1) Band

Switch between FM and AM.

(2) Presets

View all presets.

(3) List

View all available stations.

(4) Menu

Navigate to the menu screen.

Switching between FM, AM

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

Searching frequencies

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

List

A list of all stations available in the vehicle's current location is displayed. Press the desired station.

Favourite stations can be saved to **[Presets]** by pressing the **[save]**.

Presets

Save up to 40 frequently used stations.

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

Press and hold the desired slot from 1 through 40. This saves the current station in the selected slot.

If the slot is empty, simply pressing saves the station to the slot.

Menu

Press the **[Menu]**, and select the desired function.

- **Scan:** All available stations are played for five seconds each.
- **Sound Settings:** Audio sound settings can be changed.

Media

* NOTICE - Using the Discs

- This device has been manufactured to be compatible with software bearing the following logo marks.
- Do not clean discs with chemical solutions, such as record sprays, antistatic sprays, antistatic liquids, benzene, or thinners.
- After using a disc, put the disc back in its original case to prevent disc scratches.
- Hold discs by their edges or within the center hole to prevent damages to disc surfaces.
- Do not introduce foreign substances into the disc insert/eject slot. Introducing foreign substances could damage the device interior.
- Do not insert two discs simultaneously.

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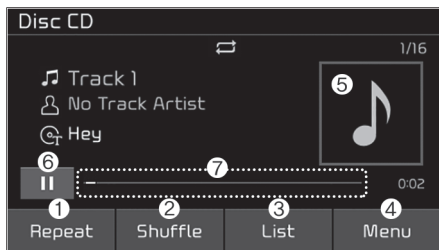
- When using CD-R/CD-RW discs, differences in disc reading and playing times may occur depending on the disc manufacturer, production method and the recording method as used by the user.
- Clean fingerprints and dust off the disc surface (coated side) with a soft cloth.
- The use of CD-R/CD-RW discs attached with labels may result in disc slot jams or difficulties in disc removal. Such discs may also result in noise while playing.
- Some CD-R/CD-RW discs may not properly operate depending on the disc manufacturer, production method and the record method as used by the user. If problems persist, trying using a different CD as continued use may result in malfunctions.
- The performance of this product may differ depending on the CDRW Drive Software.

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- Copy-protected CDs such as Stype CDs may not function in the device. DATA discs cannot be played. (However, such discs may still operate but will do so abnormally.)
- Do not use abnormally shaped discs (8cm, heart-shaped, octagon-shaped) as such discs could lead to malfunctions.
- If the disc is straddled on the disc slot without removal for 10 seconds, the disc will automatically be reinserted into the disc player.
- Only genuine audio CDs are supported. Other discs may result in recognition failure (e.g. copy CDR, CDs with labels).

Disc CD



(1) Repeat

Enable/disable repeat.

(2) Shuffle

Enable/disable shuffle play.

(3) List

View a list of all songs.

(4) Menu

Navigate to the menu screen.

(5) Album Image

View song info.

(6) Pause

Pause or play music.

(7) Playback progress

Press to skip to the desired location.

Playback

- Press the **[MEDIA]** button and select [Disc CD].
- When a disc is inserted in the audio system, disc playback begins automatically.

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 song that is currently playing.
- 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'.

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

Shuffle play

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

- Shuffle: Songs are played in a random order.

Menu

Press the [Menu] and select the desired function.

- Information: Detailed information on the song that is currently playing is displayed.
- Scan: All songs are played for 10 seconds each.
- Sound Settings: Audio sound settings can be changed.

*** NOTICE - Using MP3**
Supported audio formats

File System	ISO 9660 Level 1
	ISO 9660 Level 2
	Romeo/Juliet (128 characters)
Audio Compression	MPEG1 Audio Layer3
	MPEG2 Audio Layer3
	MPEG2.5 Audio Layer3
	Windows Media Audio Ver 7.X & 8.X

* 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	Layer3	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
3000	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

Audio system

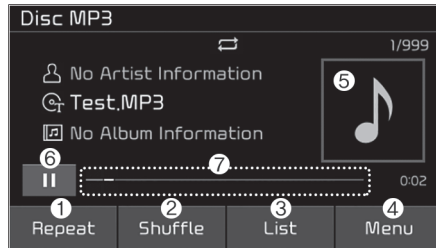
4. Character display range (Unicode)

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

※ 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
- ※ Japanese/Simplified Chinese characters are not supported.

Disc MP3**(1) Repeat**

Enable/disable repeat.

(2) Shuffle

Enable/disable shuffle play.

(3) List

View a list of all songs.

(4) Menu

Navigate to the menu screen.

(5) Album Image

View song info.

(6) Pause

Pause or play music.

(7) Playback progress

Press to skip to the desired location.

Playback

- Press the **[MEDIA]** button and select [Disc MP3].
- When a disc is inserted in the audio system, disc playback begins automatically.

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 song that is currently playing.
- 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 folder'.

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

Shuffle play

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

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

Audio system

Menu

Press the [Menu] and select the desired function.

- Information: Detailed information on the song that is currently playing is displayed.
- Scan: All songs are played for 10 seconds each.
- Sound Settings: Audio sound settings can be changed.

*** 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.

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- Some USB devices are not recognized due to compatibility issues.
- 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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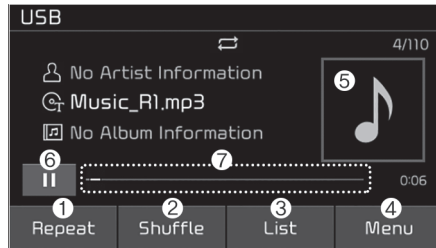
- Use of aftermarket USB hubs and extension cables can result in the vehicle's audio system failing to recognize your USB device. Connect the USB device directly to the multimedia port of your vehicle.
- When using high-capacity USB devices with logical drive divisions, only files saved on the highest 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.

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- Operation of HDD, CF, SD and memory stick devices is not guaranteed.
- 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.

(2) Shuffle

Enable/disable shuffle play.

(3) List

View a list of all songs.

(4) Menu

Navigate to the menu screen.

(5) Album Image

View song info.

(6) Pause

Pause or play music.

(7) Playback progress

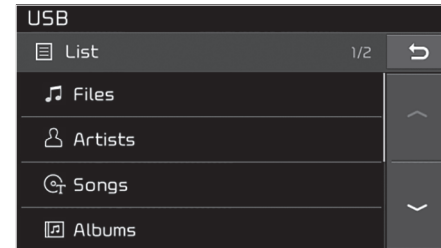
Press to skip to the desired location.

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: All songs in the playlist are repeated.
- 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].

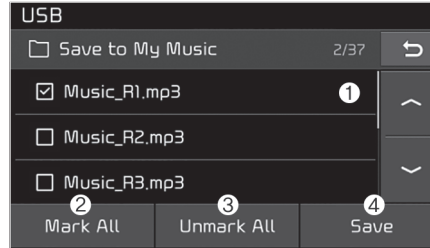
Shuffle play

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

-  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], 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 to save.
- (2) Mark All: Select all files.
- (3) Unmark All: Deselect all files.
- (4) Save: Save the selected file(s).
 - Select the files you want to save, and press the [Save]. This saves the selected files to My Music.
 - Saving is canceled if phone calls are received or made while saving.
 - Up to 6,000 files can be saved.

- The currently playing file on the USB device cannot be changed while saving.
- My Music cannot be used while saving.
- Up to 700 MB can be saved.
- Information: Detailed information on the currently playing song is displayed.
- Scan: All songs are played for 10 seconds each.
- 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.

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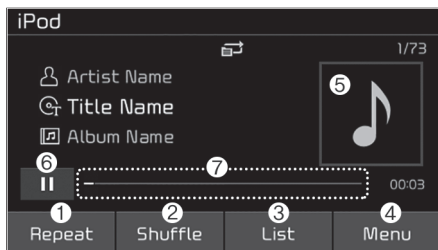
- Noise may occur when your iPod® or the AUX port is connected. Disconnect and store separately when not in use.
- There may be noise if the audio system is used with an iPod® or AUX external device connected to the power jack. In these cases, disconnect the iPod® or external device from the power jack.
- 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.

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- iPod® nano (5th generation) devices may not be recognized if the battery is low. Charge sufficiently before use.
- 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.

(2) Shuffle

Enable/disable shuffle play.

(3) List

View a list of all songs.

(4) Menu

Navigate to the menu screen.

(5) Album Image

View song info.

(6) Pause

Pause or play music.

(7) Playback progress

Press to skip to the desired location.

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

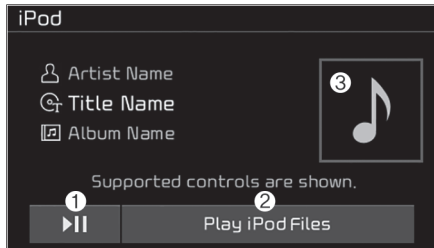
Press the [Shuffle] to enable/disable 'Shuffle category' play.

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

Menu

Press the [Menu], and select the desired function.

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



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.
- (2) Play iPod Files: Play music files saved on your iPod®.
- (3) Album Image: View playback info.

* NOTICE

Operation cannot be carried out correctly due to iPod® application malfunction.

Playing iPod Files

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

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

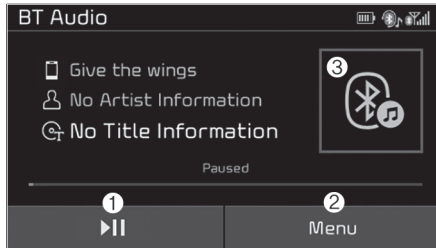
*** NOTICE - Using
Bluetooth® (BT)
Audio (if equipped)**

- 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 (if equipped)



(1) Play/Pause

Pause or play music.

(2) Menu

Navigate to the menu screen.

(3) Album Image

View song info.

*** NOTICE**

- Some cell phone models may not support particular functions.
- Bluetooth® audio volume is synced with cell phone media volume.

Playback

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

Changing songs

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

*** NOTICE**

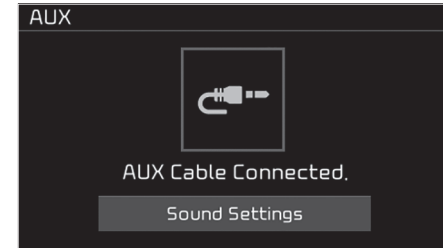
Some cell phones may not support this function.

Menu

Press the [Menu], and select the desired function.

- Connections: The currently connected Bluetooth® device can be changed.
- Information: Detailed information on the currently playing song is displayed.
- Sound Settings: Audio sound settings can be changed.

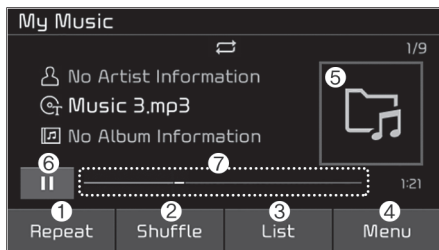
AUX



Running AUX

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

My Music



(1) Repeat

Enable/disable repeat.

(2) Shuffle

Enable/disable shuffle play.

(3) List

View a list of all songs.

(4) Menu

Navigate to the menu screen.

(5) Album Image

View song info.

(6) Pause

Pause or play music.

(7) Playback progress

Press to skip to the desired location.

Playback

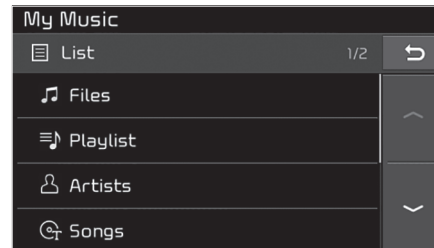
Press the **[MEDIA]** button, and select **[My Music]**.

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

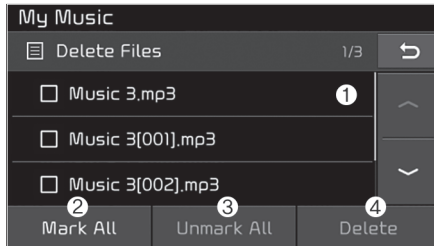
Shuffle play

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

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

Menu

Press the [Menu], and select the desired function.



- Delete Files: You can delete files from My Music.

(1) File: Select saved file.

(2) Mark All: Select all files.

(3) Unmark All: Deselect all files.

(4) Delete: Delete the selected file(s).

- Select the file to delete, then press the [Delete] to delete it.
- Delete is canceled if 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.
- Scan: All songs are played for 10 seconds each.

Delete from Playlist

When a song in the playlist is playing, press the [Menu] and select [Delete from Playlist].

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

Phone (if equipped)

*** 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.

(Continued)

(Continued)

- 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, 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

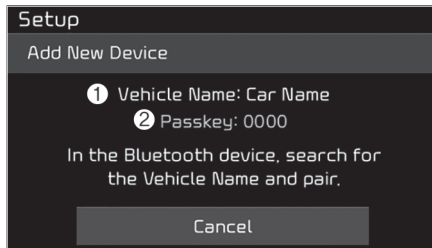
Information on pairing Bluetooth® devices

- 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) Vehicle Name : Searched name in Bluetooth® device.
- (2) Passkey: Passkey for device pairing.

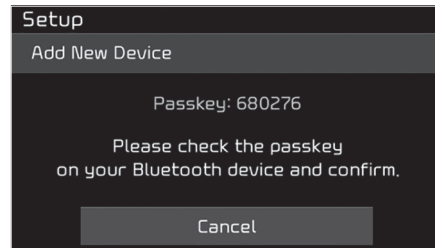
* NOTICE

The 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 vehicle name in your Bluetooth® device matches the vehicle name shown on the audio screen, then select it.

- 4-1. For devices that require passkey entry, a passkey entry screen is shown on your Bluetooth® device.

- Enter the passkey '0000', shown on the audio screen, in your Bluetooth® device.



- 4-2. 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.

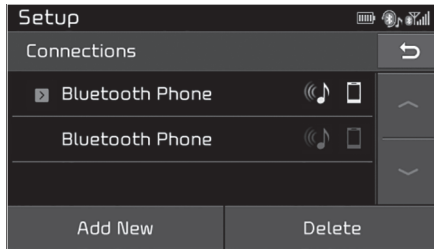
- After confirming that the 6-digit passkey on the audio screen and the Bluetooth® device are identical, press [OK] in your Bluetooth® device.

* 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 **[Phone]** → Select **[Connections]** → Select **[Add New]**.



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

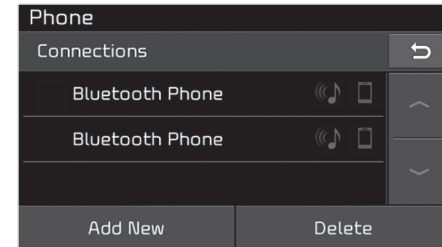
* NOTICE

- **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

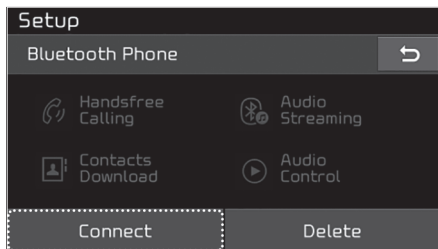
If there are no connected devices

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®.

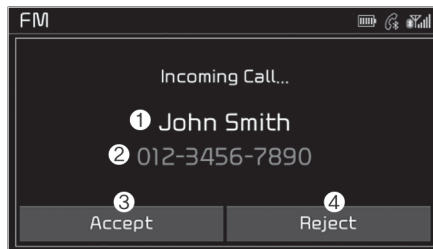


* NOTICE

- 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.



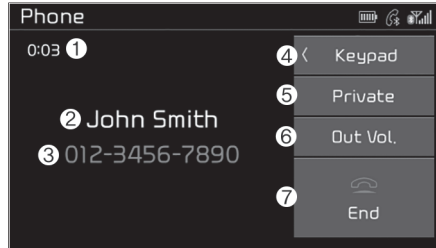
- (1) Caller name: If the caller number is in your contacts, the corresponding name is displayed.
- (2) Incoming phone number: Incoming phone number is displayed.
- (3) Accept: Accept call.
- (4) Reject: Reject call.

* 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].



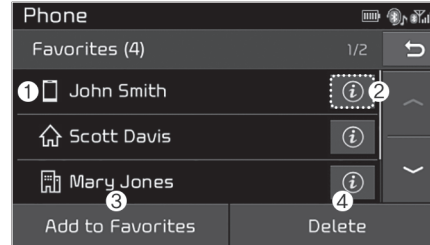
- (1) Call duration: Call duration display.
- (2) Caller name: If the caller number is in your contacts, the corresponding name is displayed.
- (3) Incoming phone number: Incoming phone number is displayed.
- (4) Keypad: Number keypad for Automatic Response Service input is displayed.
- (5) Private: Call is transferred to a cell phone.
- (6) Outgoing volume: Adjust outgoing voice volume.
- (7) End: End call.

*** 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 outgoing volume.

Favorites

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



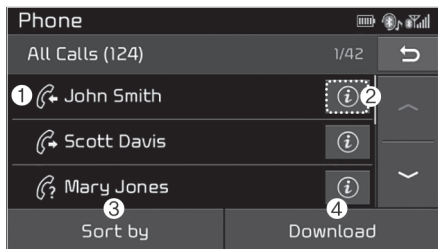
- (1) Favorites list: A list of paired favorites is displayed.
Connect a call when selected.
- (2) Detailed info: Detailed info saved to favorites is displayed.
- (3) Add to Favorites: Add a downloaded phone number to favorites.
- (4) Delete: Delete a saved favorites.

*** NOTICE**

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



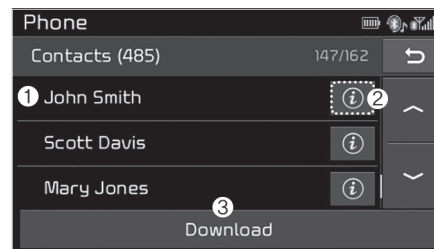
- (1) Call history: Display the downloaded call history list.
Connect a call when selected.
- (2) Detailed info: Detailed call history info is displayed.
- (3) Sort by: Sort by all calls, dialed calls, received calls or missed calls.
- (4) Download: Download call history from connected Bluetooth® devices.

* 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.



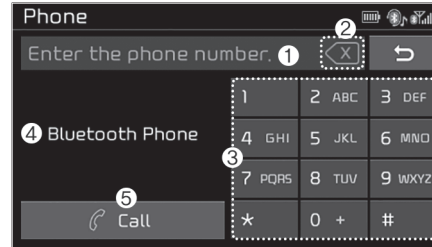
- (1) Contacts: Display downloaded contacts.
Connect a call when selected.
- (2) Detailed info: Detailed contact info is displayed.
Phone numbers can be saved in favorites or removed from the detailed info screen.
- (3) Download: Download contacts from connected Bluetooth® devices.

*** 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.

Dial

Select the **[PHONE]** button on the audio → Select [Dial].



- (1) Phone number entry window: The phone number entered using the keypad is displayed.
- (2) Clear
 - Press to delete individual digits.
 - Press and hold to delete the entire phone number.
- (3) Keypad: Enter phone number.
- (4) Bluetooth® phone name
 - The name of the connected Bluetooth® device is displayed.
 - Contacts matching the keypad number/letter input are displayed.

(5) Call

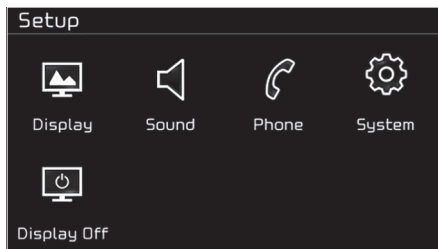
- Enter and select a phone number to call.
- Select without entering a phone number to see the most recent dialed call.

Settings

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

- For phone settings, refer to Setup page.

Setup



Access Display, Sound, Phone*, System and Display Off settings.

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

* if equipped

Display

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

- Mode: Audio screen brightness can be adjusted to the time of day.
- Illumination: The brightness of the audio screen can be changed.
- Text Scroll: If text is too long to be displayed on the screen, enable the text scroll function.

Sound

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

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

Phone (if equipped)

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

- Connections: Control pairing, deletion, connection and disconnection of Bluetooth® devices.
- Auto Connection Priority: Set the connection priority of Bluetooth® devices when the vehicle is started.
- Download Contacts: Contacts can be downloaded from connected Bluetooth® devices.

*** 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.**

System

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

- Memory Information: View My Music memory usage.
- 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].

FCC Information

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

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

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

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

Caution: Any changes or modifications to this device not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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

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