ATTACHMENT E.

- User Manual -

AUDIO SYSTEM

Roof antenna

OHM048154N

Glass antenna

OHM048235N
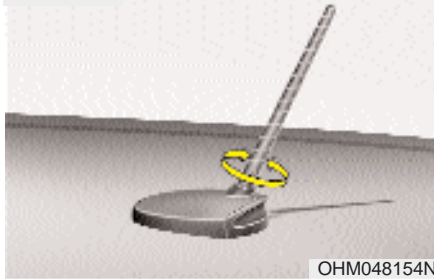
Antenna

D300102AHM-EU

Your vehicle uses a roof antenna or glass antenna to receive AM or/and FM broadcast signals.

The roof antenna is removable. To remove the roof antenna, turn it counter-clockwise. To install the roof antenna, turn it clockwise.

⚠ CAUTION

- *Before entering a place with a low height clearance, be sure that the roof antenna is removed.*
- *Be sure to remove the roof antenna before washing the car in an automatic car wash or it may be damaged.*
- *When reinstalling your roof antenna, it is important that it is fully tightened and adjusted to the upright position to ensure proper reception. But it could be removed when parking the vehicle or when loading cargo on the roof rack.*
- *When cargo is loaded on the roof rack, do not place the cargo near the antenna pole to ensure proper reception.*

⚠ CAUTION

- *Do not clean the inside of the rear quarter glass with a cleaner or use a scraper to remove any foreign deposits as this may cause damage to the antenna elements.*
- *Avoid adding metallic coating such as Ni, Cd, and so on. These can interfere with FM reception.*

D300200AEN

Steering wheel audio control (if equipped)

The steering wheel audio control button is installed to promote safe driving.

⚠ **CAUTION**

Do not operate audio remote control buttons simultaneously.

D300204AHM

VOLUME (VOL ∧ / ∨) (1)

• Push the lever upward (∧) to increase the volumeto

• Push the lever downward (∨) to decrease the volume.

D300203AHM

SEEK/PRESET (∧ / ∨) (2)

The SEEK/PRESET button has different functions based on the system mode. For the following functions the button should be pressed for 0.8 second or more.

RADIO mode

It will function as the AUTO SEEK select button.

CDP/USB/iPod mode

It will function as the FF/REW button.

If the SEEK/PRESET button is pressed for less than 0.8 second, it will work as follows in each mode.

RADIO mode

It will function as the PRESET STATION buttons.

CDP/USB/iPOD mode

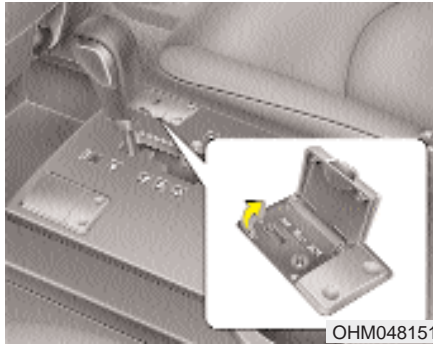It will function as TRACK UP/DOWN button.

D300202AEN

MODE (3)

Press the button to change audio source.

- FM(1~2) ➜ AM ➜ SAT(1~3) ➜ CD ➜ USB AUX(iPod) FM...

D300205AHM

MUTE (4)

• Press the button to mute the sound

• Press the button to turn off themicrophone during a telephone call.

Detailed information for audio control buttons is described in the following pages in this section.

OHM048151

D300600AHM-EE

Aux, USB and iPod port
(if equipped)

If your vehicle has an aux and/or USB(universal serial bus) port or iPod port, you can use an aux port to connect audio devices and an USB port to plug in an USB and also an iPod port to plug in an iPod.

✽ NOTICE

When using a portable audio device connected to the power outlet, noise may occur during playback. If this happens, use the power source of the portable audio device.

FM reception
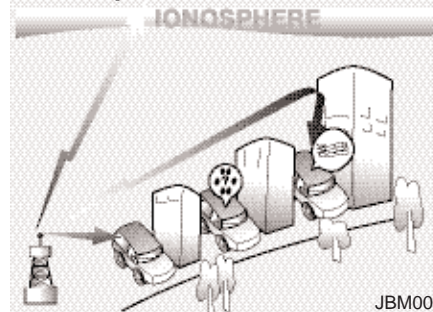
JBM001

D300800AHM

How vehicle audio works

AM and FM radio signals are broadcast from transmitter towers located around your city. They are intercepted by the radio antenna on your vehicle. This signal is then received by the radio and sent to your vehicle speakers.

When a strong radio signal has reached your vehicle, the precise engineering of your audio system ensures the best possible quality reproduction. However, in some cases the signal coming to your vehicle may not be strong and clear. This can be due to factors such as the distance from the radio station, closeness of other strong radio stations or the presence of buildings, bridges or other large obstructions in the area.

AM reception
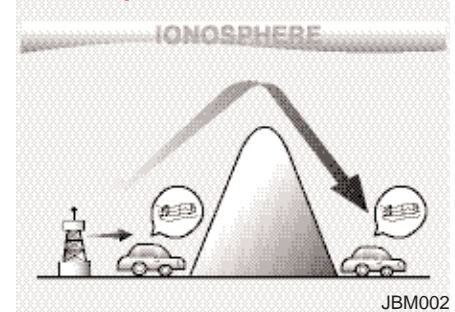
JBM002

AM broadcasts can be received at greater distances than FM broadcasts. This is because AM radio waves are transmitted at low frequencies. These long, low frequency radio waves can follow the curvature of the earth rather than travelling straight out into the atmosphere. In addition, they curve around obstructions so that they can provide better signal coverage.

FM radio station

JBM003
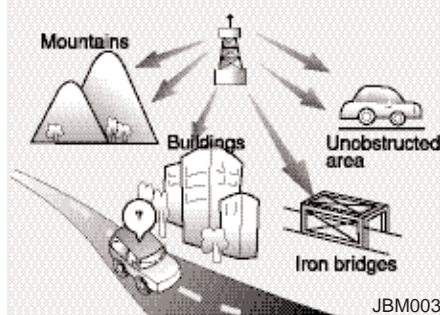
FM broadcasts are transmitted at high frequencies and do not bend to follow the earth's surface. Because of this, FM broadcasts generally begin to fade at short distances from the station. Also, FM signals are easily affected by buildings, mountains, or other obstructions. These can result in certain listening conditions which might lead you to believe a problem exists with your radio. The following conditions are normal and do not indicate radio trouble:
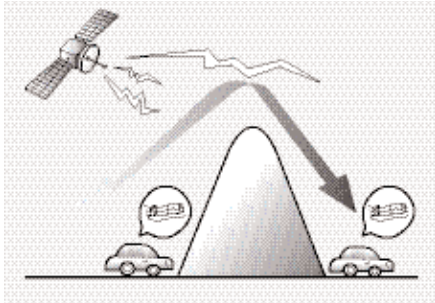

JBM004
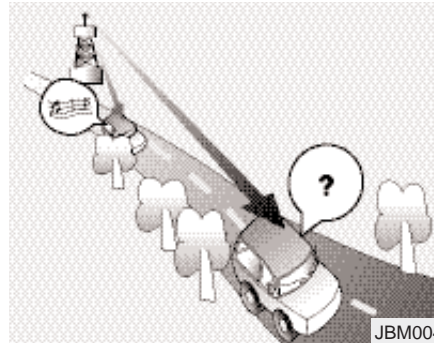
• Fading - As your vehicle moves away from the radio station, the signal will weaken and sound will begin to fade. When this occurs, we suggest that you select another stronger station.
• Flutter/Static - Weak FM signals or large obstructions between the transmitter and your radio can disturb the signal causing static or fluttering noises to occur. Reducing the treble level may lessen this effect until the disturbance clears.

JBM005
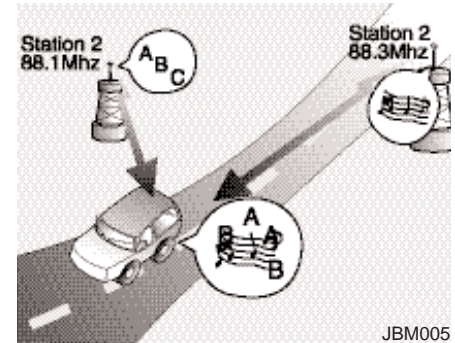
• Station Swapping - As a FM signal weakens, another more powerful signal near the same frequency may begin to play. This is because your radio is designed to lock onto the clearest signal. If this occurs, select another station with a stronger signal.
• Multi-Path Cancellation - Radio signals being received from several directions can cause distortion or fluttering. This can be caused by a direct and reflected signal from the same station, or by signals from two stations with close frequencies. If this occurs, select another station until the condition has passed.

Satellite radio reception
You may experience problems in receiving SIRIUS satellite radio signals in the following situations.

• If you are driving in a tunnel or a covered parking area.
• If you are driving beneath the top level of a multi-level freeway.
• If you drive under a bridge.
• If you are driving next to a tall vechicle(such as a truck or a bus) that block the signal.
• If you are driving in a valley where the surrounding hills or peaks block the signal from the satellite.

• If you are driving on a mountain road where is blocked by mountains.

• If you are driving in an area with tall trees that block the signal(10m or more), for example on an road that goes through a dense forset.
• The signal can become weak in some areas that are not covered by the repeater station network.

please note that these may be other unforeseen circumstances when there are problems with the reception of SIRIUS satellite radio signal.

Using a cellular phone or a two-way radio

When a cellular phone is used inside the vehicle, noise may be produced from the audio equipment. This does not mean that something is wrong with the audio equipment. In such a case, use the cellular phone at a place as far as possible from the audio equipment.

⚠ **CAUTION**

When using a communication system such a cellular phone or a radio set inside the vehicle, a separate external antenna must be fitted. When a cellular phone or a radio set is used with an internal antenna alone, it may interfere with the vehicle's electrical system and adversely affect safe operation of the vehicle.

⚠ **WARNING**

Don't use a cellular phone when you are driving. You should stop at a safe place to use a cellular phone.

Care of discs

• If the temperature inside the vehicle is too high, open the vehicle windows for ventilation before using your vehicle audio.
• It is illegal to copy and use MP3/WMA files without permission. Use CDs that are created only by lawful means.
• Do not apply volatile agents such as benzene and thinner, normal cleaners and magnetic sprays made for analogue disc onto CDs.
• To prevent the disc surface from getting damaged. Hold and carry CDs by the edges or the edges of the center hole only.
• Clean the disc surface with a piece of soft cloth before playback (wipe it from the center to the outside edge).
• Do not damage the disc surface or attach pieces of sticky tape or paper onto it.
• Make sure objects other than CDs are not inserted into the CD player (Do not insert more than one CD at a time).

• Keep CDs in their cases after use to protect them from scratches or dirt.
• Depending on the type of CD-R/CD-RW CDs, certain CDs may not operate normally according to manufacturing companies or making and recording methods. In such circumstances, if you still continue to use those CDs, they may cause the malfunction of your vehicle audio system.

✻ **NOTICE - Playing an Incompatible Copy Protected Audio CD**

Some copy protected CDs, which do not comply with the international audio CD standards (Red Book), may not play on your vehicle audio. Please note that if you try to play copy protected CDs and the CD player does not perform correctly the CDs maybe defective, not the CD player.

RADIO, SET UP, VOLUME CONTROL (PA710XM, USA/CANADA)

1. FM/AM Selection Button

2. Power ON/OFF Button and Volume
   Control Knob

3. Automatic Channel Selection Button

4. SCAN Selection Button

5.MUTE Button

6. Preset Selection Button

7. TUNE & AUDIO Control Knob

8. SETUP Button

Using RADIO, SETUP, VOLUME and AUDIO CONTROL

1. FM/AM Selection Button
The FM/AM button toggles between FM and AM. Listed below are the paths as the system switches from FM to AM and back to FM.
• FM/AM : FM1➟FM2➟AM➟FM1...
• FM : FM1➟FM2➟FM1...

2. Power ON/OFF Button & Volume Control Knob
• Turns the audio system on/off when the ignition switch is on ACC or ON.
• If the knob is turned clockwise/counter-clockwise, the volume will increase /decrease.

3. Automatic Channel Selection Button
• When the [SEEK ∨] is pressed, it will automatically tune to the next lower station.
• When the [SEEK ∧] is pressed, it will automatically tune to the next higher station.

4. SCAN Button
• When the button is pressed, it auto-matically scans the radio stations upwards.
• The SCAN feature steps through each station, starting from the initial station, for ten seconds.
• Press the [SCAN] button again to stop the scan feature and to listen to the currently selected channel.

4. MUTE Button
When the button is pressed, stops sound and "Audio Mute" is displayed on LCD.

6. Preset Selection Button
• Press [1]~[6] buttons less than 0.8 sec-ond to play the station saved in each button.
• Press [1]~[6] button more than 0.8 sec-ond or longer to save the current sta-tion to the respective button with a beep.

7. TUNE Knob & Audio Control Knob

• Rotate the knob clockwise or counter-clock wise to increase or decrease from current frequency .(AM 10kHz, FM 200kHz)

Pressing the button changes the BASS, MIDDLE, TREBLE, FADER and BAL-ANCE TUNE mode. The mode selected is shown on the display. After selecting each mode, rotate the Audio control knob clockwise or counterclockwise.

• BASS Control
To increase the BASS, rotate the knob clockwise, while to decrease the BASS, rotate the knob counterclockwise.

• MIDDLE Control
To increase the MIDDLE, rotate the knob clockwise, while to decrease the MID-DLE, rotate the knob counterclockwise.

• TREBLE Control
To increase the TREBLE, rotate the knob clockwise, while to decrease the TRE-BLE, rotate the knob counterclockwise.

• FADER Control
Turn the control knob clockwise to emphasize rear speaker sound (front speaker sound will be attenuated). When the control knob is turned counterclock-

wise, front speaker sound will be emphasized (rear speaker sound will be attenuated).

• BALANCE Control

Rotate the knob clockwise to emphasize right speaker sound (left speaker sound will be attenuated). When the control knob is turned counter clockwise, left speaker sound will be emphasized (right speaker sound will be attenuated).

8. SETUP Button

Press this Button to enter SETUP mode, If no action is for 8 seconds, it will return to previous mode.
In SEPUP mode, rotate the TUNE knob to move the cursor between items, and push the TUNE knob to select.

• SCROLL

Select whether long file names are scrolled continuously ("ON") or just once ("OFF").

• SDVC

Select this item to turn the SDVC(Speed Dependent Volume Control) feature ON or OFF. If it is turned ON, volume level is adjusted automatically according to the vehicle speed.

• POWER BASS(P.BASS)

This function creates virtual sound effects and allows adjustments to the BASS level.
HIGH ➠ MID ➠ LOW ➠ OFF
❈Supported on PA710 ONLY.

• SAT (if available)

Select default display os SIRIUS mode. "Category/Channel name" or "Artist/Song Title" can be selected.

• PHONE (if available)

Select this item to enter BLUETOOTH setup mode. Refer to "BLUETOOTH PHONE OPERATION" section for detailed information.

CD(PA710XM, USA/CANADA)

1. CD Loading Slot

2. CD Eject Button

3. CD Selection Button

4. Automatic Track Selection Button

5. RANDOM play Button

6. REPEAT Button

7. CD Indi

8. CD LOAD Button

9. SCAN Play Button

10. INFO Button

11. FOLDER Moving Button

12. SEARCH Knob & ENTER Button

13. DISC Selection Button

Using CD Player

1. CD Loading Slot

Please face printed side upward and gently press in. When the ignition switch is on ACC or ON and power is off, power is automatically turned on if the CD is loaded. This CDP supports only 12cm CD. If a VCD or data CD are loaded, a "Reading Error" message will be displayed and the CD will be ejected.

⚠ **CAUTION**

Do not insert a CD if CD indicater is lit.

2. CD Eject Button

• Press [⏏] button to eject the CD. This button works regardless of ignition switch status.

3. CD Selection Button

If there is a CD in the CD DECK it switches to CD mode.

If there is no CD, then the message "No CD" will become displayed on the LCD for 3 seconds and returns to the previous mode.

4. Automatic Track Selection Button

• Press [TRACK ∨] button for less than 0.8 second to play from the beginning of current song.
• Press [TRACK ∨] button for less than 0.8 second and press again within 1 seconds to play the previous song.
• Press [TRACK ∨] button for 0.8 second or longer to initiate reverse direction high speed sound search of current song.
• Press [TRACK ∧] button for less than 0.8 second to play the next song.
• Press [TRACK ∧] button for 0.8 second or longer to initiate forward direction high speed sound search of current song.

5. RANDOM Play Button

Turns on/off the randomization of the play list of files in the currently played DISC. To cancel the mode, press the button once again.

6. REPEAT Button

Repeats current song when the button is pressed for less than 0.8 second.
Repeats the entire DISC when the button is pressed for 0.8 second or longer.

7. CD Indicator

When car ignition switch is ACC or ON and if the CD is loaded, this indicator is lighted. If the CD is ejected, the light is turned off.

9. SCAN Play Button

Scans each song in the USB device for 10 seconds each. To cancel the mode, press the button once again.

10. INFO Button(PA710/PA760)

Displays the information of the current CD TRACK in the order of DISC TITLE ➟ DISC ARTIST ➟ TRACK TITLE ➟ TRACK ARTIST ➟ TOTAL TRACK ➟ PLAY SCREEN ➟ DISC TITLE ➟... (not displayed if the information is not available on the DISC.)

11. FOLDER Moving Button

• Press [FOLDER ∨] button to move to child folder of the current folder and display the first song in the folder.
Press TUNE/ ENTER knob to move to the folder displayed. It will play the first song in the folder.
• Press [FOLDER ∧] button to move to parent folder of the current folder and display the first song in the folder.

Press TUNE/ENTER knob to move to the folder displayed.

12. SEARCH Knob & ENTER Button
• Turn this knob clockwise to browse songs after current song, or counter-clockwise to browse songs before cur-rentsong. To play the displayed song, press the knob.
• Pressing this knob without turning enters to AUDIO CONTROL mode.

AUX/USB(PA710XM, USA/CANADA)

1. AUX/USB Selection Button

2. TRACK Moving Button

3. RANDOM Playback Button

4. REPEAT Selection Button

5. SCAN Selection Button

6. INFO Button

7. SEARCH Knob & ENTER Button

8. FOLDER Moving Button
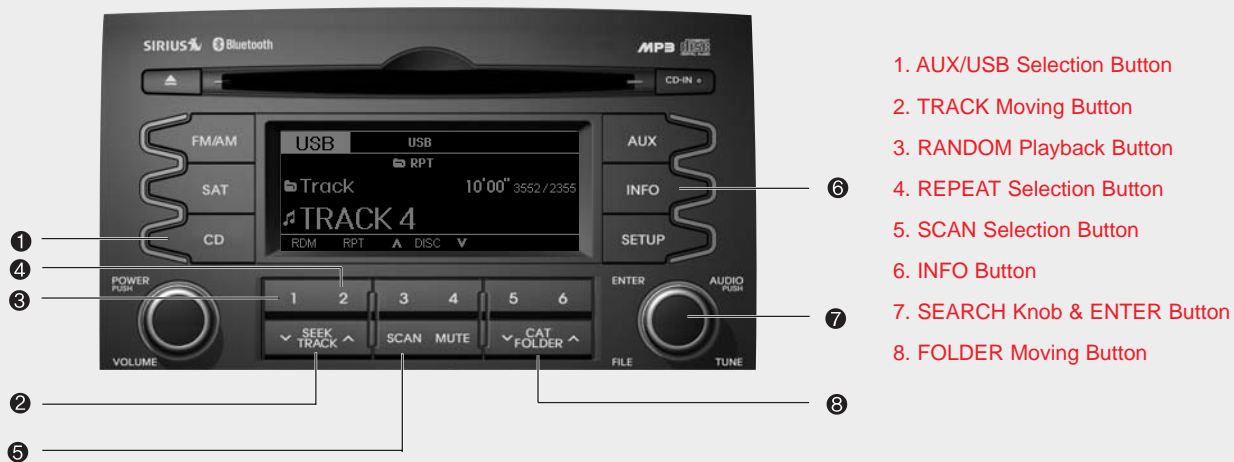
⚠ **CAUTION IN USING USB DEVICE**
- *To use an external USB device, make sure the device is not mounted when starting up the vehicle and mount the device after starting up.*
- *If you start the vehicle when the USB device is mounted, it may damage the USB device. (USB is not ESA.)*
- *If the vehicle is started up or turned off while the external USB device is connected, the external USB device may not work.*
- *It may not play inauthentic MP3 or WMA files.*
  1) *It can only play MP3 files with the compression rate between 8Kbps~320Kbps.*
  2) *It can only play WMA music files with the compression rate between 8Kbps~320Kbps.*
- *Take cautions for static electricity when mounting or dismounting the external USB device.*
- *An encoded MP3 PLAYER is not recognizable.*

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(Continued)
- *Depending on the condition of the external USB device, the connected external USB device can be unrecognizable.*
- *When the formatted byte/sector setting of External USB devices is not either 512BYTE or 2048BYTE, then the device will not be recognized.*
- *Use only a USB device formatted to FAT 12/16/32.*
- *USB devices without USB IF authentication may not be recognizable.*
- *Make sure the USB connection terminal does not come in contact with human bodies or external objects.*
- *If you repeat mounting and unmounting the USB device in a short period of time, it may break the device.*
- *You may hear a strange noise when mounting or dismounting a USB device.*

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(Continued)
- *If you dismount the external USB device during playback in USB mode, the external USB device can be damaged or malfunction. Therefore, mount the external USB device when the engine is turned off or in another mode.*
- *Depending on the type and capacity of the external USB device or the type of the files stored in the device, there is a difference in the time taken for recognition of the device, but this is not an indicator of trouble and you only have to wait.*
- *Do not use the USB device for other purposes than playing music files.*
- *Use of USB accessories such as recharger or heater using USB I/F may lower performance or cause trouble.*
- *If you use devices such as a USB hub purchased separately, the vehicle's audio system may not recognize the USB device. Connect the USB device directly to the multimedia terminal of the vehicle.*

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(Continued)
- *If USB device is divided by logical drives, only the music files on the highest-priority drive are recognized by car audio.*
- *Devices such as MP3 Player/ Cellular phone/Digital camera those are not recognizable by standard USB I/F can be unrecognizable.*
- *USB devices other than standardized goods (METAL COVER TYPE USB) can be unrecognizable.*
- *USB flash memory reader (such as CF, SD, microSD, etc.) or external-HDD type devices can be unrecognizable.*
- *Music files protected by DRM (DIGITAL RIGHTS MANAGEMENT) are not recognizalbe.*
- *The data in the USB memory may be lost while using this AUDIO. It is recommeded to back up important data on a personal storage device.*

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(Continued)
- *Please avoid using USB memory products which can be used as key chains or cellular phone accessories as they could cause damage to the USB jack. Please make certain only to use plug type connector products as shown below.*

Using USB or AUX device

1. AUX/USB Selection Button

If the auxiliary device is connected, it switches to AUX or USB mode to play the sound from the auxiliary player.

If there is no auxiliary device, then the message "No Media" will become displayed on the LCD for 3 seconds and returns to previous mode.

2. TRACK Moving Button

• Press the [TRACK ∨] button for less than 0.8 second to play from the beginning of the current track.

  Press the button for less than 0.8 second and press it again within 1 seconds to move to and play the previous track.

  Press the button for 0.8 second or longer to play the track in reverse direction in fast speed.

• Press the [TRACK ∧] button for less than 0.8 second to move to the next track. Press the button for 0.8 second or longer to play the track in forward direction in fast speed.

3. RANDOM Playback Button

Press the button for less than 0.8 second to start or stop the random playback of the songs in the current folder.

Press the button for more than 0.8 second to randomly play the entire songs in the USB device.

Press the button again to cancel the mode.

4. REPEAT Button

Press the button for less than 0.8 second to repeat the current song.

Press the button for more than 0.8 second to repeat all songs in the currently played folder sequentially (FOLDER REPEAT)

5. SCAN Selection Button

Scans each song in the USB device for 10 seconds each.

Press the button once again to cancel scanning.

6. INFO Button

Displays the information of the file currently played in the order of FILE NAME ➟ TITLE ➟ ARTIST ➟ ALBUM ➟ FOLDER ➟ TOTAL FILE ➟ NORMAL DISPLAY ➟ FILE NAME ➟… (Displays no information if the file has no song information.)

7. SEARCH Knob & ENTER Button

• Turn this knob clockwise to browse songs after current song, or counter clockwise to browse songs before current song. To play the displayed song, press the knob.

• Pressing this knob without turning enters to AUDIO CONTROL mode.

8. FOLDER Moving Button

• Press [FOLDER ∨] button to move to child folder of the current folder and display the first song in the folder.

  Press TUNE/ ENTER knob to move to the folder displayed. It will play the first song in the folder.

• Press [FOLDER ∧] button to move to parent folder display the first song in the folder.

  Press TUNE/ENTER knob to move to the folder displayed.

iPod® (PA710XM, USA/CANADA)

1. iPod Selection Button

2. TRACK Moving Button

3. REPEAT Selection Button

4. RANDOM Playback Button

5. INFO Button

6. SEARCH Knob & ENTER Button

7. CATEGORY Selection Button

❋ **NOTICE FOR USING iPod DEVICE**
- Some iPod models might not support the communication protocol and the files will not be played. Supported iPod models:
  - iPod Mini
  - iPod 4th(Photo) ~ 6th(Classic) generation
  - iPod Nano 1st~4th generation
  - iPod Touch 1st~2nd generation
- The order of search or playback of songs in the iPod can be different from the order searched in the audio system.
- If the iPod crashes due to its own malfunction, reset the iPod. (Reset: Refer to iPod manual)
- An iPod may not operate normally on low battery.

⚠ **CAUTION IN USING iPod DEVICE**
- *You need the power cable exclusive for an iPod in order to operate an iPod with the buttons on the audio system. Connection through standard iPod-USB cable is not supported, so do not use it with car audio.*
- *When connecting the device with an iPod cable, push in the jack fully so as to not cause interfere with communication.*
- *When adjusting the sound effects of an iPod and the audio system, the sound effects of both devices will overlap and might reduce or distort the quality of the sound.*
- *Deactivate (turn off) the equalizer function of an iPod when adjusting the audio system's volume, and turn off the equalizer of the audio system when using the equalizer of an iPod.*

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- *When the iPod cable is connected, the system can be switched to the AUX mode even without the iPod device and can cause noise. Disconnect the iPod cable when you are not using the iPod device.*
- *When not using iPod with car audio, detach the iPod cable from iPod. If not, the iPod may remain in accessary mode, and may not work properly.*

Using iPod

1. iPod Selection Button

If iPod is connected, it switches to the iPod mode from the previous mode to play the song files stored in the iPod.

If there is no iPod connected, then it displays the message "No Media" for 3 seconds and returns to the previous mode.

2. TRACK Moving Button

• Press the [TRACK ∨] button for less than 0.8 second to play from the beginning of the song currently played.

Press the button for less than 0.8 second and press it again within 1 seconds to move to and play the previous track.

Press the button for 0.8 second or longer to play the song in reverse direction in fast speed.

• Press the [TRACK ∧] button for less than 0.8 second to move to the next track.

Press the button for 0.8 second or longer to play the song in forward direction in fast speed.

3. REPEAT Button

Repeats the song currently played.

4. RANDOM Playback Button

Press the button for less than 0.8 second to start or stop the random playback of the songs within the current category.

Press the button for longer than 0.8 second to randomly play all songs in the entire album of the iPod.

Press the button once again to cancel the mode.

5. INFO Button

Displays the information of the file currently played in the order of TITLE ➟ ARTIST ➟ ALBUM ➟ NORMAL DISPLAY ➟ TITLE ➟... (Displays no information if the file has no song information.)

6. SEARCH Knob & ENTER Button

When you rotate the knob clockwise, it will display the songs (category) ahead of the song currently played (category in the same level).

Also, when you rotate the knob counterclockwise, it will display the songs (category) before the song currently played (category in the same level).

To listen to the song displayed in the song category, press the button to skip to and play the selected song.

Pressing the button changes the BASS, MIDDLE, TREBLE, FADER and BALANCE TUNE mode. The mode selected is shown on the display. After selecting each mode, rotate the Audio control knob clockwise or counterclockwise.

7. CATEGORY Selection Button

Moves to the upper category from currently played category of the iPod.

To move to (play) the category (song) displayed, press TUNE/ENTER knob.

You will be able to search through the lower category of the selected category.

The order of iPod's category is SONG, ALBUMS, ARTISTS, GENRES, and iPod.

SIRIUS Satellite Radio information (if equipped)

Satellite radio channels:

SIRIUS Satellite Radio has over 130 channels, including 69 channels of 100% commercial-free music, plus sports, news, talk and entertainment available nationwide in your vehicle. For more information and a complete list of SIRIUS Satellite Radio channels, visit sirius.com in the United States, sirius-canada.ca in Canada, or call SIRIUS at 1-888-539-7474.

Satellite radio reception factors:

To receive the satellite signal, your vehicle has been equipped with a satellite radio antenna located on the roof of your vehicle. The vehicle roof provides the best location for an unobstructed, open view of the sky, a requirement of a satellite radio system. Like AM/FM, there are several factors that can affect satellite radio reception performance:

• Antenna obstructions: For optimal reception performance, keep the antenna clear of snow and ice build-up and keep luggage and other material as far away from the antenna as possible.

• Terrain: Hills, mountains, tall buildings, bridges, tunnels, freeway overpasses, parking garages, dense tree foliage and thunderstorms can interfere with your reception.

SIRIUS Satellite Radio service:

SIRIUS Satellite Radio is a subscription-based satellite radio service that broadcasts music, sports, news and entertainment programming to radio receivers, which are available for installation in motor vehicles or factory installed, as well as for the home, portable and wireless devices, and through an Internet connection on personal computer. Vehicles that are equipped with a factory installed SIRIUS Satellite Radio system include:

• Hardware and an introductory trial subscription term, which begins on the date of sale or lease of the vehicle.

• For a small upgrade fee, access to SIRIUS music channels, and other select channels over the Internet using any computer connected to the Internet (U.S. customers only).

For information on extended subscription terms, contact SIRIUS at 1-888-539-7474.

NOTE:

Satellite Radio requires SIRIUS® compatible receiver and a subscription service fee after trial period.

Vehicles without a factory-installed radio receiver require hardware purchase and installation. Please see your dealer for further details. All fees and programming subject to change.

Subscriptions governed by the SIRIUS Terms & Conditions available at www.sirius.com / serviceterms.

Available only in the 48 contiguous United States and the District of Columbia. Service available in Canada; see www.siriuscanada.ca

Chrysler LLC shall not be responsible for any such programming changes.

Satellite Radio Electronic Serial Number (ESN): This 12-digit Satellite Serial Number is needed to re-activate, modify or track your satellite radio account. You will need this number when communicating with SIRIUS.

SIRIUS SATELLITE RADIO (PA710XM,USA/CANADA)

1. SATELLITE RADIO Selection Button

2. Channel Selection Button

3. Preset Selection Button

4. SCAN Selection Button

5. Tune Knob and Enter Button

6. CAT/FOLDER Button

7. INFO Selection Button

Using SIRIUS Satellite Radio

Your Kia vehicle is equipped with 3 months complimentary period of SIRIUS Satellite Radio so you have access to over 130 channels of music, information, and entertainment programming.

Activation

In order to extend or reactivate your subscription to SIRIUS Satellite Radio, you will need to contact SIRIUS Customer Care at 888-539-7474. Have your 12 digit SID (Sirius Identification Number)/ESN (Electronic Serial Number) ready. To retrieve the SID/ESN, turn on the radio, press the [SAT] button, and tune to channel zero. Please note that the vehicle will need to be turned on, in Sirius mode, and have an unobstructed view of the sky in order for the radio to receive the activation signal.

1. SATELLITE RADIO Selection Button(SIRIUS Satellite Radio)
Press the [SAT] button to switch to SIRIUS Satellite Radio. It cycles through the different bands as noted below.
SAT1➟SAT2➟SAT3➟SAT1➟...

2. Channel Selection Button
• Press [TRACK∨] or [SEEK∧] button for less than 0.8 second to select previous or next channel.
• Press [TRACK∨] or [SEEK∧] button for 0.8 second or longer to continuously move to previous or next channel.
• if "CATEGORY" Icon is displayed at the top of the screen, channel up/down is done through the channels within current category.

3. Preset Selection Button
• Press [1]~[6] buttons less than 0.8 second to play the channel saved in each button.
• Press [1]~[6] button for 0.8 second or longer to save current channel to the respective button with a beep.

4. SCAN Selection Button
• When the [SCAN] button is pressed, it automatically scans the radio stations upwards.
• The SCAN feature steps through every channel, starting from the initial channel, for ten seconds.
• Press the [SCAN] button again to stop the scan feature and to listen to the currently selected channel.
• if "CATEGORY" Icon is displayed at the top of the screen, channel changing is done through the channels within current category.

5. Tune Knob and Enter Button
• Rotate clockwise to increase the channel number or to scroll down the category list.
• Rotate counterclockwise to decrease the channel number or to scroll up the category list.
• Press this to make selection of channels or items.

6. CAT/FOLDER Button

• Press [CAT ∧] or [FOLDER ∨] button to enter the Category List Mode. The display will indicate the category items, highlight the category that the current channel belongs to.
• In the Category List Mode, press these buttons to navigate category list.
• Press [ENTER] Button to select the lowest channel in highlighted category.
• If channel is selected by selecting category "CATEGORY" Icon is displayed at the top of the screen.

7. INFO Selection Button

Displays the information of the current channel as below when the button is pressed each time.

• When default display is CAT/CH Category/Channel➟ Artist/Title➟ Composer (if available)➟ Category/Channel ➟...
• When default display is ART/TITLE Artist/Title➟Category/Channel➟ Composer(if available)➟Artist/Title➟...

❋ **Troubleshooting**

1. Antenna Error
   If this message is displayed, the antenna or antenna cable is broken or unplugged. Please consult with your Kia dealership.
2. Acquiring Signal
   If this message is displayed, it means that the antenna is covered and that the SIRIUS Satellite Radio signal is not available. Ensure the antenna is uncovered and has a clear view of the sky.

BLUETOOTH PHONE OPERATION

Bluetooth
Volume

Operation
Button

■ General Feature

• This system supports Bluetooth, a wireless system that allows you to make or receive calls without taking your hands from the steering wheel and without using cables to connect the phone and system.

• The phone must be paired to the system before using the hands-free feature.

Only one linked cellular phone can be used with the system at a time. The System is available in English, US Spanish, or Canadian French languages.

⚠ CAUTION

If the vehicle is moving do not use a cellular phone or connect the Bluetooth phone.

✽ NOTICE

Some Bluetooth devices do not offer a perfect compatibility with this system.

■ Voice Recognition Activation

• The voice recognition engine contained in the Bluetooth System can be activated in the following conditions:

- Button Activation

The voice recognition system will be active when the 📵 button is pressed and after the sound of a Beep.

- Active Listening

The voice recognition system will be active for a period of time when the Voice Recognition system has asked for a customer response.

• The system can recognize single digits from zero to nine while number greater than ten will not be recognized.

• If the command is not recognized, the system will announce "Pardon" or No input voice signal from microphone. (No response)

• The system shall cancel voice recognition mode in following cases : When pressing the 📵 button and saying cancel following the beep. When not making a call and pressing the 📞 button. When voice recognition has failed 3 consecutive times.

• At any time if you say "help", the system will announce what commands are available.

■ Menu tree

```
Setup ──── Pair phone
       ├── Select phone
       ├── Delete phone
       ├── Change priority
       └── Bluetooth off


Phonebook ──── Add entry ──── By voice
           │              └── By Phone
           ├── Change
           └── Delete name


Call ──── By name
      └── By number
```
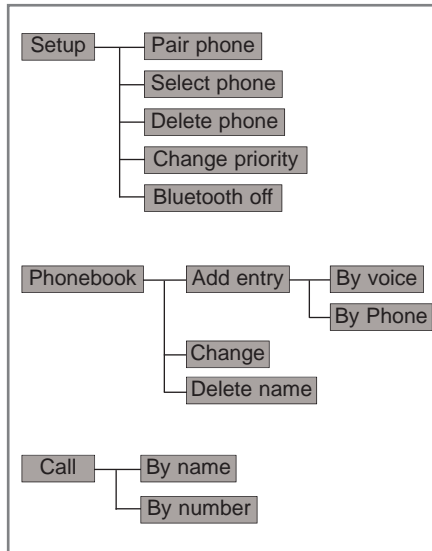
■ Phone Setup
• Pairing phone
To use the hands-free system, you need to register your phone in the system. Up to 5 phones can be registered in the system.

1. Press the [🎙] button.
2. Say "Set Up".
3. Say "Pair Phone".
4. Say "Yes".
5. Say the name of the contact.
6. Say "Yes".
7. The Pairing procedure of the cellular phone varies according to each cellular phone.

✽ NOTICE
The system may not function in the following cases:
If 5 phones have already been registered.
If the system cannot communicate with the phone.

• To connect phone
The registered phones can be selected. When the system connects to Bluetooth, the phone previously used is automatically selected. Select a different phone if necessary. Only the selected phone can be used with the hands-free system.

1. Press the [🎙] button.
2. Say "Set Up".
3. Say "Select Phone".
4. Say the name of the contact or the number of the contact.
5. Say "Yes".

✽ NOTICE
The system may not function in the following cases:
If the phone is not found.
If the system does not recognize the voice command.

• Deleting phone
The registered phones can be deleted.

1. Press the [🎙] button.
2. Say "Set Up".
3. Say "Delete Phone".
4. Say the name of the contact, the number of the contact or "Delete all phone".
5. Say "Yes".

• Changing Priority

The connection priority for registered phones can be changed.

1. Press the ⌘ button.
2. Say "Set Up".
3. Say "Change Priority".
4. Say the name of the contact or the number of the contact.
5. Say "Yes".

• Turning Bluetooth on / off

Bluetooth function can be switched ON/OFF. initial status : Bluetooth ON

1. Press the ⌘ button.
2. Say "Set Up".
3. Say "Bluetooth off".
4. Say "Yes".

• Turning Bluetooth on

1. Press the send or ⌘ button.
2. Say "yes".
3. The Bluetooth will be turned on.

■ Phone Book

• Adding Entry

Phone numbers and voice tags can be registered. Entries registered in the phone can also be transferred.

• Adding Entry by Voice

1. Press the ⌘ button.
2. Say "phonebook".
3. Say "add entry".
4. Say "by voice".
5. Say the name of the contact.
6. Say "yes".
7. Say the phone number.
8. Say "store".
9. Say "Home", "Office", "Mobile", "Other" or "default".
10. Say "Yes" to store an additional location for this contact.

• Adding Entry by phone

1. Press the ⌘ button.
2. Say "phonebook".
3. Say "add entry".
4. Say "by phone".
5. Say "yes".
6. Transfer procedures may vary depending on the cellular phone.

✽ NOTICE

The system can recognize single digits from zero to nine. Numbers that are ten or greater are not recognized.
To speed up input, it is a good idea to group all digits into a continuous string. However, you can enter each digit individually or group digits together in preferred string lengths.
**The display corresponding to each operation appears on the screen as follows:**

Input operation
1. say: "Nine, nine, five"
   Display: "995"
2. say: "Seven, three, four"
   Display: "995734"

• Changing Name

The registered names can be changed.

1. Press the ⌘ button.
2. Say "phonebook".
3. Say "Change name".
4. Say the name of the phonebook [voice tag].
5. Say "yes".
6. Say the name of the phonebook to be changed.

• **Deleting name**
The registered names can be deleted.

1. Press the ⌐⌐ button.
2. Say "phonebook".
3. Say "Delete name".
4. Say the name of the contact.
5. Say "yes".

■ **Making a phone call**
• **Calling by Name**
The system dials the numbers corresponding to the spoken names registered in the system.

1. Press the ⌐⌐ button.
2. Say "Call".
3. Say "name".
4. Say "<John>".
6. Say "<at home>".
7. Say "yes".

✻ **Tip**
A shortcut to each of the following functions is available.
1. Say "Call name".
2. Say "Call <john>".
3. Say "Call <john at home>".

• **Dialing by Number**
The system will make a phone call by dialing the spoken numbers.
The system can recognize single digits from zero to nine.

1. Press the ⌐⌐ button.
2. Say "Call".
3. Say "Number".

4. Say "<digit number>".
5. Say "<added digit number>".
6. Say "Dial".

✻ **Tip**
A shortcut to each of the following functions is available.
1. Say "Dial number".
2. Say "Dial <digit>".

■ **Receiving a phone call**

When receiving a phone call, a ring tone is audible and the system changes into telephone mode.
When receiving a phone call, the phone number and the message "Incoming" will be displayed.

• Do either one of the following:
  Press the send switch to take the call.
  Press the end switch to refuse the call.

• To adjust the ring volume, push "+" or "-" on the steering volume controls.
  Volume adjustment cannot be made using the audio system.

• To transfer a call to the phone:
  The received call can be transferred from the hands-free system to the cellular phone that is connected to Bluetooth.
  For details, please refer to you user's manual for the cellular phone or go to the Key matrix in this manual (next page).

■ **Talking on the phone**

When talking on the phone, the display will differ depending on whether or not the vehicle is in motion.
Number and "active call" is displayed.
When the call is finished, press the end switch.

✽ **NOTICE**

In the following situations, your voice may not reach the other party:
1. Talk alternately with the other party on the phone. If you talk at the same time, the voice may not reach each other parties. (This is not a malfunction.) (It is not a malfunction.)
2. Keep the volume of receiving voice to a low level. Otherwise, high volumes may result in an echo. When you talk on the phone, speak clearly towards the microphone.
3. When driving on a rough road.
4. When driving at high speeds.
5. When the window is open.
6. When the air conditioning vents are facing the microphone.
7. When the sound of the air conditioning fan is loud.

■ **Key matrix**

No.	KEY		Class							
			Paired H/P Empty	Disconnected	Connected		Incoming Call	Outgoing Call	Active Call	2nd Call
					Normal mode	BT SETUP menu				
1	☎	SHORT	Not Paired	Not Connecting	-	-	Accept Call	-	2nd call 1st Call:waiting 2nd Call:active	2nd Call 2nd Call:waiting 1st Call:active
		LONG	-	-	-	-	-	-	Transfer call:secret call	
2	☎	SHORT	VR MODE Cancel	VR MODE Cancel	VR MODE Cancel	VR MODE Cancel	Reject Call	End Call	End Call	End Call
		LONG [10sec]	-	-	Speaker Adaptation (Only English)	Speaker Adaptation (Only English)	-	-	-	-
3	🎙	SHORT	Active	Active	Active	Active	-	-	-	-
		LONG [10sec]	Change language	Change language	Change language	Change language	-	-	-	-

This equipment has been tested and found to comply with the limits for a Class 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 does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

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

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

IC Warning
Operation of this device 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.