AUDIO SYSTEM
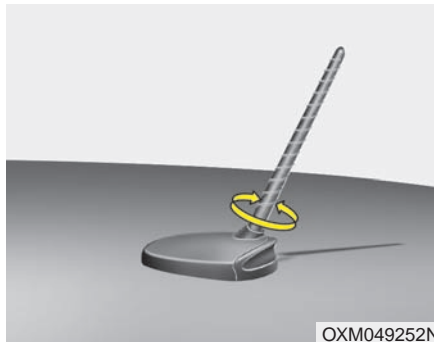
✽ NOTICE

If you install an after market HID head lamp, your vehicle's audio and electronic device may malfunction.

OXM049252N

Antenna

D300102AAM-EU

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

This antenna is removable. To remove the roof antenna, turn it counterclockwise. To install the roof antenna, turn it clockwise.

⚠ CAUTION

• *Before entering a place with a low height clearance or a car wash, remove the antenna by rotating it counter-clockwise. If not, the antenna 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.*

D300200AEN
Steering wheel audio control (if equipped)

The steering wheel may incorporate audio control buttons. These buttons are installed to promote safe driving.

⚠ CAUTION
Do not operate audio remote control buttons simultaneously.

D300204AHM
VOLUME (VOL $\wedge$ / $\vee$) (1)
- Push the lever upward ($\wedge$) to increase the volume.
- Push the lever downward ($\vee$) to decrease the volume.

D300203AHM
SEEK/PRESET ($\wedge$ / $\vee$) (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 seconds or more.

RADIO mode
It will function as the AUTO SEEK select button.

CD/USB/iPod mode
It will function as the FF/REW button.
If the SEEK/PRESET button is pressed for less than 0.8 seconds, it will work as follows in each mode.

RADIO mode
It will function as the PRESET STATION buttons.

CD/USB/iPod mode
It will function as TRACK UP/DOWN button.

D300202AEN
MODE (3)
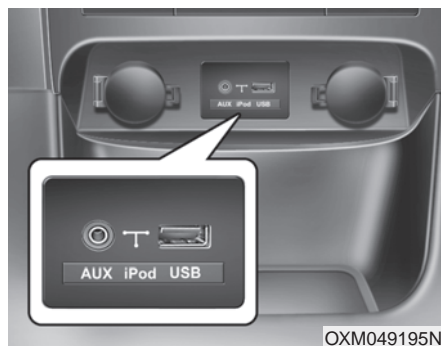Press the button to change audio source.
- FM(1~2)➡AM➡SAT(1~3)➡CD➡USB AUX(iPod) FM...

D300205AHM
MUTE (4)
- Press the button to mute the sound.
- Press the button to turn off the microphone during a telephone call.

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

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.

* iPod® is a trademark of Apple Inc.

**FM radio reception**
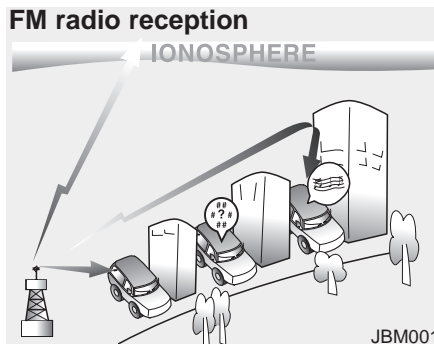
D300800AHM

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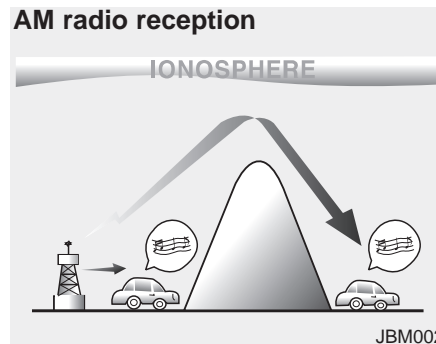
AM broadcasts can be received at greater distances than FM broadcasts. This is because AM radio waves are transmitted at low frequencies. These long, low frequency radio waves can follow the curvature of the earth rather than travelling straight out into the atmosphere. In addition, they curve around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

FM radio station

Mountains

Buildings

Unobstructed area

Iron bridges

JBM003
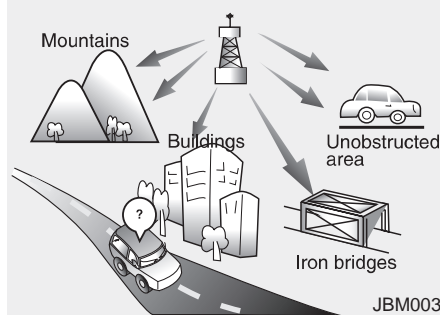
FM broadcasts are transmitted at high frequencies and do not bend to follow the earth's surface. Because of this, FM broadcasts generally begin to fade at short distances from the station. Also, FM signals are easily affected by buildings, mountains, or other obstructions. These can result in certain 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
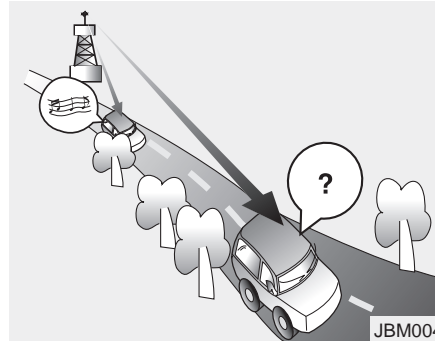
• Fading - As your vehicle moves away from the radio station, the signal will weaken and sound will begin to fade. When this occurs, we suggest that you select another stronger station.

• 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.

Station 2 88.1Mhz

Station 2 88.3Mhz

JBM005
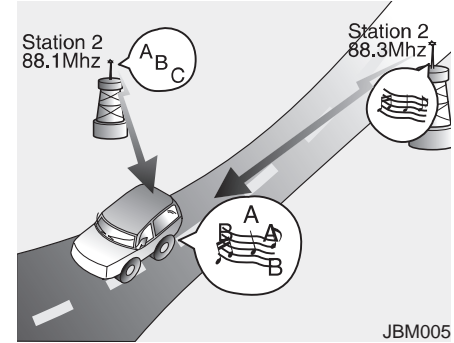
• Station Swapping - As a FM signal weakens, another more powerful signal near the same frequency may begin to play. This is because your radio is designed to lock onto the clearest signal. If this occurs, select another station with a stronger signal.

• 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 difficulties in receiving SIRIUS satellite radio signals in the following situations.

SATELITE1
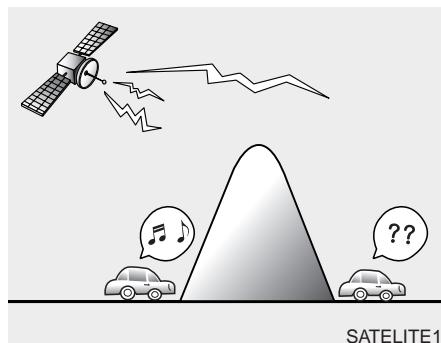
• If you are driving in a tunnel or a covered parking area.
• If you are driving beneath the top level of a multi-level freeway.
• If you drive under a bridge.
• If you are driving next to a tall vehicle (such as a truck or a bus) that blocks the signal.
• If you are driving in a valley where the surrounding hills or peaks block the signal from the satellite.

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

SATELITE2
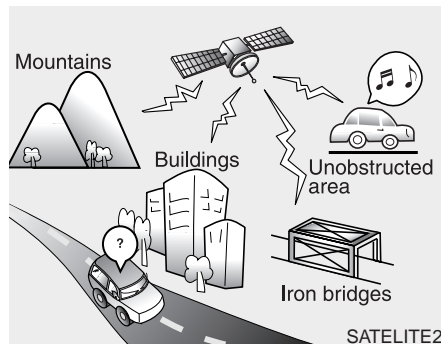
• If you are driving in an area with tall trees that block the signal (30 ft. / 10m or more), for example on an road that goes through a dense forest.
• The signal can become weak in some areas that are not covered by the SIRIUS repeater network.

NOTE:

There may be other unforeseen circumstances leading to reception problems with the 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

Do not use a cellular phone while driving. Stop at a safe location to use a cellular phone.

Care of disc

- If the temperature inside the car is too high, open the car windows for ventilation before using your car 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 on undesirable matter other than CDs are 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 car 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 car 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 Station Seek 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 Station Seek 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 automatically 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.

5. 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 seconds to play the station saved in each button.
• Press [1]~[6] button more than 0.8 seconds or longer to save the current station 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 10 kHz, FM 200 kHz)
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.

• 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 MIDDLE, rotate the knob counterclockwise.

• TREBLE Control
To increase the TREBLE, rotate the knob clockwise, while to decrease the TREBLE, 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 counterclockwise, 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 taken for 8 seconds, it will return to previous mode.
In "SETUP" 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.

• P.BASS (PowerBass)

This function creates virtual sound effects and allows adjustments to the BASS level.
HIGH ➝ MID ➝ LOW ➝ OFF ➝ HIGH...

• SAT (if available)

Select default display of 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 Seek Button

5. RANDOM play Button

6. REPEAT Button

7. CD Indicator

8. SCAN Play Button

9. INFO Button

10. FOLDER Moving Button

11. SEARCH Knob & ENTER Button

Using CD Player

1. CD Loading Slot

Insert a CD label side up and gently push in while ignition switch is on ACC or ON. The audio automatically switches to CD mode and begins to play the CD. If the audio was turned off, audio power will automatically turned on as the CD is inserted.
- This audio only recognizes 12cm-size, CD-DA (Audio CD) or ISO data-CD (MP3 CD).
- If UDF data-CD or non-CD (e.g. DVD) is inserted, "Reading Error" message will be displayed and the disc will be eject-ed.

⚠ CAUTION
Do not insert a CD if CD indicator 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 switch-es to CD mode.

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

4. Track Selection Button
- Press [TRACK ∨] button for less than 0.8 seconds to play from the beginning of current song.
- Press [TRACK ∨] button for less than 0.8 seconds and press again within 1 second to play the previous song.
- Press [TRACK ∨] button for 0.8 sec-onds or longer to initiate reverse direc-tion high speed sound search of cur-rent song.
- Press [TRACK ∧] button for less than 0.8 seconds to play the next song.
- Press [TRACK ∧] button for 0.8 sec-onds or longer to initiate forward direc-tion high speed sound search of cur-rent song.

5. RANDOM Play Button

Press this button for less than 0.8 sec-onds to activate 'RDM' mode and more than 0.8 seconds to activate 'ALL RDM' mode.
- RDM : Only files/tracks in a folder/disc are played back in a random sequence.

- ALL RDM (MP3/WMA Only) : All files in a disc are played back in the random sequence.

6. REPEAT Button

Press this button for less than 0.8 sec-onds to activate 'RPT' mode and more than 0.8 seconds to activate 'FLD RPT' mode.
- RPT : Only a track (file) is repeatedly played back.
- FLD RPT (MP3/WMA Only) : Only files are repeatedly played back.

7. CD Indicator

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

8. SCAN Play Button

Play each song in the CD for 10 seconds. To cancel SCAN Play, press this button again.

9. INFO Button

Displays the information of the current song.
- Audio CD : Disc Title/Artist, Track Title /Artist, Total Track.

- MP3 CD : File Name, Title, Artist, Album, Folder, Total Files (Not displayed if the information is unavailable on the CD or file.)

10. 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.

11. 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.

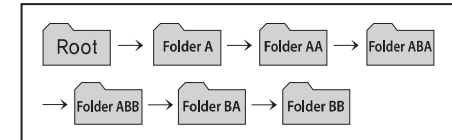• Pressing this knob without turning enters to AUDIO CONTROL mode.
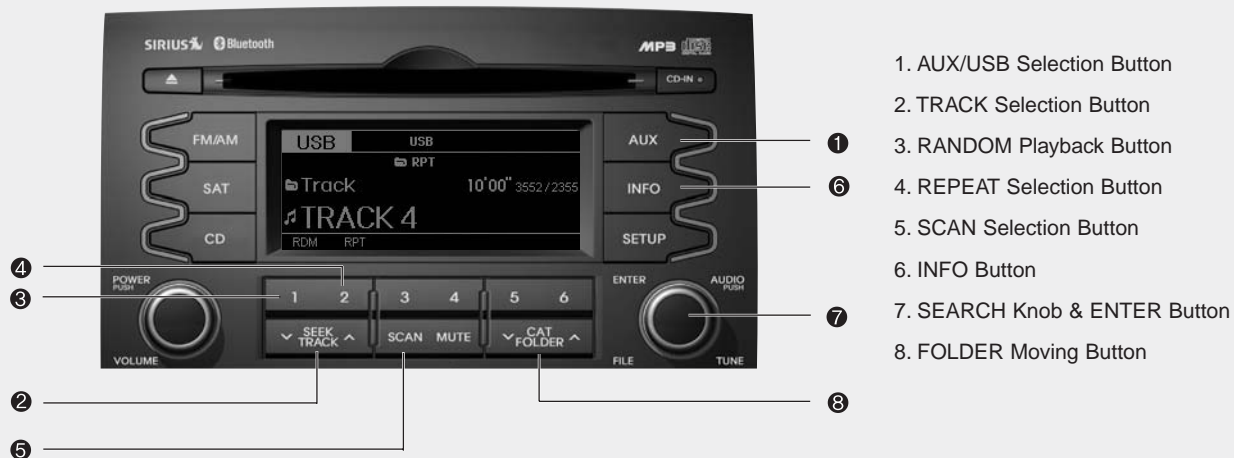
NOTE:

Order of playing files (folders) :
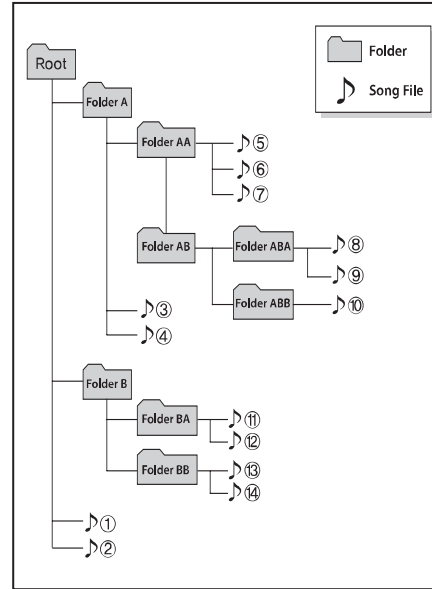
1. **Song playing order :** ① **to** ⑭ **sequentially.**

2. **Folder playing order :**

❊ **If no song file is contained in the folder, that folder is not displayed.**

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AUX/USB (PA710XM, USA/CANADA)

1. AUX/USB Selection Button

2. TRACK Selection 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 connected when starting up the vehicle. Connect the device after starting up.

• If you start the engine when the USB device is connected, it may damage the USB device. (USB flashdrives are very sensitive to electric shock.)

• If the engine 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 precautions for static electricity when connecting or disconnecting the external USB device.

(Continued)

(Continued)

• An encrypted MP3 PLAYER is not recognizable.

• 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 device 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 I/F authentication may not be recognizable.

• Make sure the USB connection terminal does not come in contact with the human body or other objects.

• If you repeatedly connect or disconnect the USB device in a short period of time, it may break the device.

• You may hear a strange noise when connecting or disconnecting a USB device.

(Continued)

(Continued)

• If you disconnect the external USB device during playback in USB mode, the external USB device can be damaged or may malfunction. Therefore, disconnect the external USB device when the audio is turned off or in another mode. (e.g, Radio, SIRIUS or CD)

• 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.

• Do not use the USB device for purposes other than playing music files.

• Use of USB accessories such as rechargers or heaters 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. In that case, connect the USB device directly to the multimedia terminal of the vehicle.

(Continued)

(Continued)
- *If the 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 can be unrecognizable by standard USB I/F can be unrecognizable.*
- *Some non-standard USB devices (METAL COVER TYPE USB) can be unrecognizable.*
- *Some USB flash memory readers (such as CF, SD, microSD, etc.) or external-HDD type devices can be unrecognizable.*
- *Music files protected by DRM (DIGITAL RIGHTS MANAGEMENT) are not recognizable.*
- *The data in the USB memory may be lost while using this audio. Always back up important data on a personal storage device.*

(Continued)

(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 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 Selection Button

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

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

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

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

3. RANDOM Playback Button

• Press this button for less than 0.8 seconds to play songs randomly in current folder.

• Press this button for 0.8 seconds or longer to play songs randomly in entire USB device.

• To cancel RANDOM play, press this button again.

4. REPEAT Button

• Press this button for less than 0.8 seconds to repeat current song.

• Press this button for 0.8 seconds or longer to repeat all songs in current folder.

• To cancel REPEAT, press this button again.

5. SCAN Selection Button

Plays each song in the USB device for 10 seconds.

To cancel SCAN Play, press this button again.

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 Selection Button

3. REPEAT Selection Button

4. RANDOM Playback Button

5. INFO Button

6. SEARCH Knob & ENTER Button

7. CATEGORY Selection Button

❋ iPod® is a trademark of Apple, Inc.

✱ **NOTICE FOR USING THE 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 disabled due to its own malfunction, reset the iPod. (Reset: Refer to iPod manual)
• An iPod may not operate normally on low battery.
• Some iPod devices, such as the iPhone, can be connected through the Bluetooth® interface. The device must have audio Bluetooth® capability (such as for stereo headphone Bluetooth®). The device can play, but it will not be controlled by the audio system.

⚠ **CAUTION IN USING THE iPod® DEVICE**

• *The Kia iPod Power Cable is needed in order to operate iPod with the audio buttons on the audio system. The USB cable provided by Apple may cause malfunction and should not be used for Kia vehicles.*
  ✱ *The Kia iPod Power Cable may be purchased through your Kia Dealership.*
• *When connecting iPod with the iPod Power Cable, insert the connector to the multimedia socket completely. If not inserted completely, communications between iPod and audio may be interrupted.*
• *When adjusting the sound effects of the 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.*

(Continued)

(Continued)
• *When the iPod cable is connected, the system can be switched to AUX mode even without iPod device and may 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. Otherwise, iPod may remain in accessory 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 Selection Button

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

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

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

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

Press the button for 0.8 seconds 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 this button for less than 0.8 seconds to shuffle order of all songs in current category. (Song Random)

• Press this button for 0.8 seconds or longer to shuffle order of albums in current category. (Album Random)

• To cancel RANDOM Play, press this button again.

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 counter-clockwise, 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

KIA 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 a 3 month 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 [∨SEEK∧] button for less than 0.8 seconds to select previous or next channel.
• Press [∨SEEK∧] button for 0.8 seconds 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 seconds to play the channel saved in each button.
• Press [1]~[6] button for 0.8 seconds 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∧] 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.

⚠ CAUTION IN USING BLUETOOTH® CELLULAR PHONE

• *Do not use a cellular phone or perform Bluetooth® settings (e.g. pairing a phone) while driving.*
• *Some Bluetooth®-enabled phones may not be recognized by the system or fully compatible with the system.*
• *Before using Bluetooth® related features of the audio system, refer your phone's User's Manual for phone-side Bluetooth® operations.*
• *The phone must be paired to the audio system to use Bluetooth® related features.*
• *You will not be able to use the hands-free feature when your phone (in the car) is outside of the cellular service area (e.g. in a tunnel, in a underground, in a mountainous area, etc.).*
• *If the cellular phone signal is poor or the vehicles interior noise is too loud, it may be difficult to hear the other person's voice during a call.*

(Continued)

(continued)
• *Do not place the phone near or inside metallic objects, otherwise communications with Bluetooth® system or cellular service stations can be disturbed.*
• *While a phone is connected through Bluetooth® your phone may discharge quicker than usual for additional Bluetooth®-related operations.*
• *Some cellular phones or other devices may cause interference noise or malfunction to audio system. In this case, store the device in a different location may resolve the situation.*

NOTE:

If you need more information about Kia's Bluetooth® wireless technology. Contact kia website "www.kia.com" (OWNERS>General Info>BLUETOOTH wireless technology).

BLUETOOTH® PHONE OPERATION (if equipped)

1. VOLUME button : Raises or lowers speaker volume.
2. 🔇 button: Mute the microphone during a call.
3. 🔊 button : Activates voice recognition.
4. 📞 button : Places and transfers calls.
5. 📵 button : Ends calls or cancels functions.

■ What is Bluetooth®?

Bluetooth® is a wireless technology that allows multiple devices to be connected in a short range, low-powered devices like hands-free, stereo headset, wireless remocon, etc. For more information, visit the Bluetooth® website at *www.Bluetooth.com*

■ General Features

• This audio system supports Bluetooth® hands-free and stereo-headset features.
 - HANDS-FREE feature: Making or receiving calls wirelessly through voice recognition.
 - STEREO-HEADSET feature: Playing music from cellular phones (that supports A2DP feature) wirelessly.
• Voice recognition engine of the Bluetooth® system supports 3 types of languages:
 ○ English
 ○ Canadian French
 ○ US Spanish

✽ NOTICE

• **The phone must be paired to the system before using Bluetooth® features.**
• **Only one selected (linked) cellular phone can be used with the system at a time.**
• **Some phones are not fully compatible with this system.**
• **The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth® SIG, Inc. and any use of such marks by Kia is under license. A Bluetooth enabled cell phone is required to use Bluetooth® wireless technology.**

■ Bluetooth® Language Setting

The system language can be changed by the following steps:
1. Power on the audio system with the volume set to an audible level.
2. Press and hold 🔊 button on the steering wheel until the audio displays "Please Wait".
 - The Bluetooth® system will reply in currently selected language that it is changing to the next language.
 - System language cycles between English, Canadian French and US Spanish.
 - Press and hold the 🔊 button on the steering wheel for over 10 seconds.
3. When completed, the audio display returns to normal.
4. Repeat steps 2 and 3 for the next language selection.

NOTE:

The phone needs to be paired again after changing system language.
- Avoid resting your thumb or finger on the 🔊 button as the language could unintentionally change.

■ **Receiving a Phone Call**

When receiving a phone call, a ringtone is audible from speakers and the audio system changes into telephone mode.

When receiving a phone call, "Incoming call" message and incoming phone number (if available) are displayed on the audio.

• To Answer a Call:
- Press [phone button] button on the steering wheel.
• To Reject a Call:
- Press [phone button] button on the steering wheel.
• To Adjust Ring Volume:
- Use VOLUME buttons on the steering wheel.
• To Transfer a Call to the Phone (Secret Call):
- Press and hold [phone button] button on the steering wheel until the audio system transfers a call to the phone.

■ **Talking on the Phone**

When talking on the phone, "Active Call" message and the other party's phone number (if available) are displayed on the audio.

• To Finish a Call
- Press [phone button] button on the steering wheel.

✽ **NOTICE**

In the following situations, you or the other party may have difficulty hearing each other:
1. Speaking at the same time, your voice may not reach each other parties. (This is not a malfunction.) Speak alternately with the other party on the phone.
2. Keep the Bluetooth® volume to a low level. High-level volume may result in distortion and echo.
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.

■ **Bluetooth® Audio Music Streaming**

The audio system supports Bluetooth® A2DP (Audio Advanced Distribution Profile) and AVRCP (Audio Video Remote Control Profile) technologies.

Both profiles provide steaming of music via compatible "PAIRED" Bluetooth® Cellular phone.

To stream music from the Bluetooth® cellular phone, play your music files on your cellular phone according to your cellular phone user's manual and press the AUX button on the audio system until "MP3 play" is displayed on the LCD.

The audio system head unit displays 'MP3 MODE'.

NOTE:
- **In addition to streaming MP3 files, all music and sound files your cellular phone supports can be played by the audio system.**
- **Bluetooth® compatible cellular phones must include A2DP and AVRCP capabilities.**
- **Some A2DP and AVRCP compatible Bluetooth® cellular phones may not play music through the audio system initially. These cellular phones may need to have the Bluetooth® streaming enabled, for example;**
  i.e : Menu➟Filemanager➟Music➟ Option➟Play via Bluetooth
- **Please refer to User's Guide for your cellular phone for more information. To cancel Bluetooth® cellular phone music streaming, stop music playback on the cellular phone or change the audio mode to AM/FM, SIRIUS, CD, iPod, ect.**

■ **Phone Setup**

All Bluetooth® related operations can be performed in PHONE menu.
1) Push the SETUP button to enter SETUP mode.
2) Select "PHONE" item by rotating the TUNE knob, then push the knob.

SETUP

| SCROLL | SDVC | P.BASS |
| RETURN | SAT | PHONE |

3) Select desired item by rotating the TUNE knob, then push the knob.

PHONE

| PAIR | SELECT | PRIORITY |
| DELETE | ADVANCED | RETURN |

• **Pairing a phone**

Before using Bluetooth® features, the phone must be paired (registered) with the audio system. Up to 5 phones can be paired with the system.

NOTE:
- **The pairing procedure of the phone varies according to each phone model. Before attempting to pair phone, please see your phone's User's Guide for instructions.**
- **Once pairing with the phone is completed, there is no need to pair with that phone again unless the phone is deleted manually from the audio system (refer "Deleting a Phone" section) or the vehicle's information is removed from the phone.**

① Press SETUP button to enter SETUP mode.
② Select "PHONE", then "PAIR" in PHONE menu.
③ The audio displays "Device : [Name] passkey: 0000"
④ Search and select the device name in your mobile phone to starting the pairing process.

NOTE:

- **If the phone is paired with two or more vehicles of the same model, some phones may not handle Bluetooth® devices of that name correctly. In this case, you may need to change the name displayed on your phone.**

  For example, if the vehicles' name is KMC CAR, you may need to change the name displayed on you phone from KMC_CAR to JOHNS_CAR or KMC CAR_1 to avoid ambiguity.

  Refer to your phone User's Guide, or contact your cellular carrier or phone manufacturer for instructions.

• **Connecting a phone**

When the Bluetooth® system is enabled, the phone previously used is automatically selected and re-connected. If you want to select different phone previously paired, the phone can be selected through "Select Phone" menu.

Only a selected phone can be used with the hands-free system at a time.

① Press SETUP button to enter SETUP mode.
② Select "PHONE", then "SELECT" in PHONE menu.
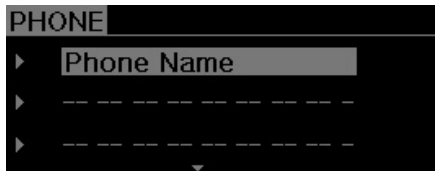
③ Select desired phone name from the list shown.
④ The Bluetooth® icon appears on the upper side of audio display when a phone is connected.
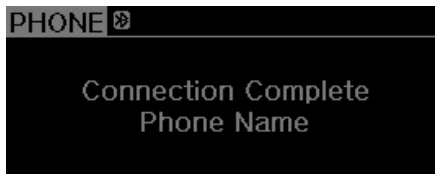
• **Changing Priority**

If several phones are paired with the audio system, the system attempts to connect following order when the Bluetooth® system is enabled:
1) "Priority" checked phone.
2) Previously connected phone
3) Gives up auto connection.

① Press SETUP button to enter SETUP mode.
② Select "PHONE", then "PRIORITY" in PHONE menu.
③ Select desired phone name from the list shown.
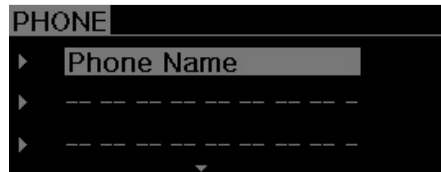
• **Deleting a Phone**

The paired phone can be deleted.
- When the phone is deleted, all the information associated with that phone is also deleted (including phonebook).
- If you want to use the deleted phone with the audio system again, pairing procedure must be completed once more.

① Press SETUP button to enter SETUP mode.
② Select "PHONE", then "DELETE" in PHONE menu.
③ Select desired phone name from the list shown.
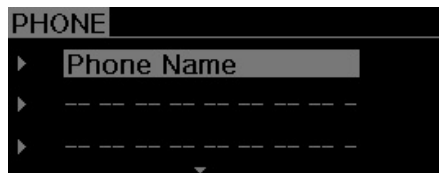
PHONE
> Phone Name
> -- -- -- -- -- -- -- -- --
> -- -- -- -- -- -- -- -- --

• ADVANCED Menu

After pressing the SETUP button, select the "PHONE" menu. while in PHONE menu, select the "ADVANCED" menu to make Bluetooth® Phone settings.(The ADVANCED menu may differ according to audio specifications.)

PHONE

IN VOL. | CONTACTS
BT OFF | RETURN

Incoming Volume (Bluetooth® call volume adjustments)

While in ADVANCED menu, select "IN VOL." Use the knob key to set the desired volume and press the ENTER button.

Contacts Sync (Automatic Phonebook download setting)

While in ADVANCED menu, select "CONTACTS" To automatically save the contacts and call history in your mobile phone each time you connect a mobile device, select ON. If you do not wish for automatic download, select OFF.

It's not available to make a phone call by bluetooth audio system while the phonebook is being downloaded.

Bluetooth® system off

While in ADVANCED menu, select "BT OFF" to turn off the Bluetooth® 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.
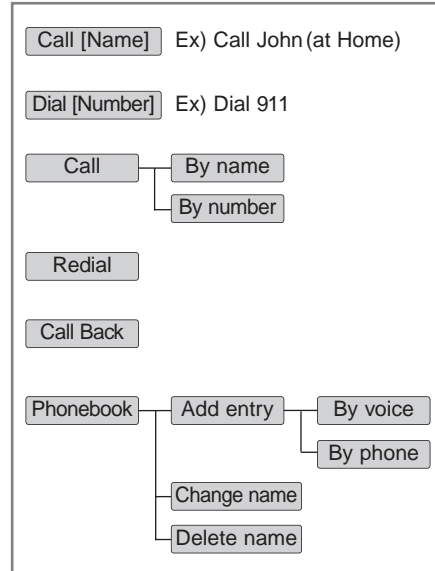 - Active Listening
  The voice recognition system will be active for a period of time when the Voice Recognition system has asked for a customer response.

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

• 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**

The menu tree identifies available voice recognition Bluetooth® functions.

```
Call [Name]   Ex) Call John (at Home)

Dial [Number]  Ex) Dial 911

Call ─── By name
     └── By number

Redial

Call Back

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

❋**Tip**

■ **Voice Operation**

To get the best performance out of the Voice Recognition System, observe the followings:

- **Keep the interior of the vehicle as quiet as possible. Close the window to eliminate surrounding noise (traffic noise, vibration sounds, etc), which may disturb recognizing the voice command correctly.**
- **Speak a command after a beep sound within 5 seconds. Otherwise the command will not be received properly.**
- **Speak in a natural voice without pausing between words.**
- **While receiving voice commands, press the button on the steering wheel remote controller to terminate guidance. Voice command will convert back to waiting mode to allow the user to say a new voice command.**

■ **Making a Phone Call**

• **Direct Calling**

① Press button.
② Say the following command.
   - Call <John> : Connects the call to John.
   - Call <John> on <Mobile> : Connects the call to John's mobile phone number.
   - Call <John> at <Home> : Connects the call to john's home number.
   - Call <John> in <Office> : Connects the call to John's office number.

Note:

Calls can be immediately connected to contacts who name or voice tag are saved in the phonebook(or contacts).

• **Calling by Name**

A phone call can be made by speaking names registered in the audio system.

① Press button.
② Say "Call".
③ Say "By name" when prompted.
④ Say desired name (in Phonebook or voice tag).
⑤ Say desired location (phone number type). Only stored locations can be selected.
⑥ Say "Yes" to confirm and make a call.

❉**Tip**
A shortcut to each of the following functions is available:
1. Say "Call Name"

• **Dialing by Number**
A phone call can be made by dialing the spoken numbers. The system can recognize single digits from zero to nine.

① Press 🕻 button.
② Say "Call".
③ Say "By number" when prompted.
④ Say desired phone numbers.
⑤ Say "Dial" to complete the number and make a call.

❉**Tip**
A shortcut to each of the following functions is available:
① **Say "Dial Number"**
② **Say "Dial <digit>"**

■ **Phone Book (In-Vehicle)**
• **Adding entry by voice**
Phone numbers and voice tags can be registered. Entries registered in the phone can also be transferred.

① Press 🕻 button.
② Say "Phonebook".
 - The system replies with all available commands.
 - To skip the information message, press 🕻 again and then a beep is heard.
③ Say "Add Entry".
④ Say "By Voice" to proceed.
⑤ Say the name of the entry when prompted.
⑥ Say "Yes" to confirm.
⑦ Say the phone number of that entry when prompted.
⑧ Say "Store" if phone number input is finished.
⑨ Say a phone number type. "Home", "Work", "Mobile", "Other" or "Default" is available.
⑩ Say "Yes" to complete adding entry.
⑪ Say "Yes" to store additional location for this contact, or say "Cancel" to finish the process.

❉ **NOTICE**
- **The system can recognize single digits from zero to nine. Numbers that are ten or greater cannot be recognized.**
- **You can enter each digit individually or group digits together in preferred string lengths.**
- **To speed up input, it is a good idea to group all digits into a continuous string.**
- **Recommend to enter the numbers constituted an grouping within all digit numbers to dial 995 / 734 / 0000**
- **The display corresponding to each operation appears on the screen as follows:**
  Input operation example:
  1. Say: "Nine, nine, five"
  ➥ **Display: "995"**
  2. And say: "Seven, three, four"
  ➥ **Display: "995734"**

• Adding Entry by Phone
① Press 🔊 button.
② Say "Phonebook".
③ Say "Add Entry" after prompt.
④ Say "By Phone" to proceed.
⑤ Say "Yes" to confirm.
⑥ Your phone will start to transfer phone/contact list to the audio system.
   This process may take over 10 minutes depending on the phone model and number of entries
⑦ Wait till the audio displays "Transfer Complete" message.

• Changing Name
The registered names can be modified.

① Press 🔊 button.
② Say "Phonebook".
③ Say "Change Name" after prompt.
④ Say the name of the entry (voice tag).
⑤ Say "Yes" to confirm.
⑥ Say new desired name.

• Deleting Name
The registered names can be deleted.

① Press 🔊 button.
② Say "Phonebook".
③ Say "Delete Name" after prompt.
④ Say the name of the entry (voice tag).
⑤ Say "Yes" to confirm.

■ Bluetooth® Audio Speaker Adaptation

Speaker adaptation will improve performance of voice recognition system to a particular user voice.
This will degrade the performance for other users.

• Record
① Press 📞 button for 10sec.
② Say "Record profile".
③ Say "Yes".
④ Say the word displayed on Radio.

• Delete
① Press 📞 button for 10sec.
② Say "Delete profile".
③ Say "Yes".

■ **Key matrix**

No.	KEY		Paired H/P Empty	Disconnected	Connected Normal mode	Connected BT SETUP menu	Incoming Call	Outgoing Call	Active Call	2nd Call
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	-	-	-	-