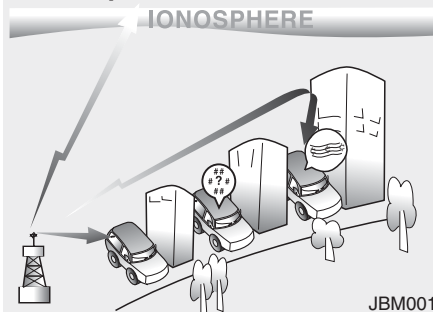## How vehicle audio works

FM reception

JBM001

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 (MW, LW) reception

JBM002
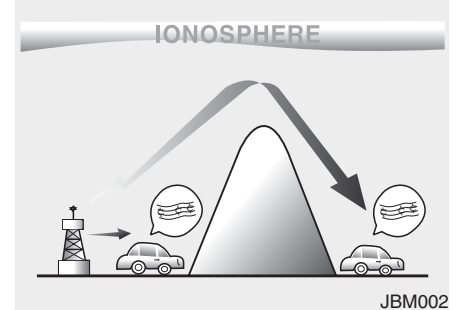
AM broadcasts can be received at greater distances than FM broadcasts. This is because AM radio waves are transmitted at low frequencies. These long, low frequency radio waves can follow the curvature of the earth rather than travelling straight out into the atmosphere. In addition, they curve around obstructions so that they can provide better signal coverage.

FM radio station

Mountains

Buildings

Unobstructed area

Iron bridges

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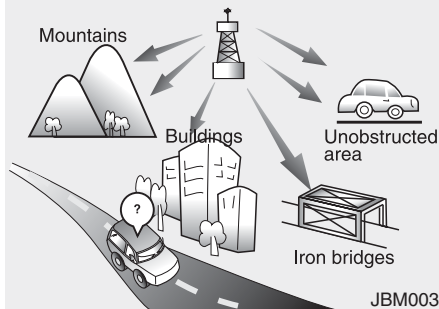
FM broadcasts are transmitted at high frequencies and do not bend to follow the earth's surface. Because of this, FM broadcasts generally begin to fade at short distances from the station. Also, FM signals are easily affected by buildings, mountains, or other obstructions. These can result in certain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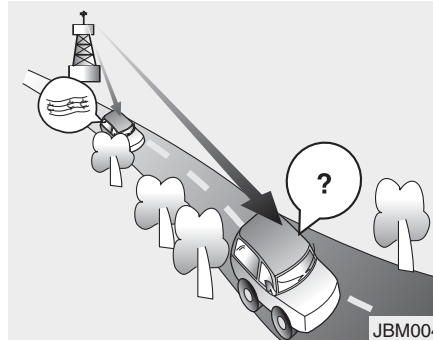
• Fading - As your vehicle moves away from the radio station, the signal will weaken and sound will begin to fade. When this occurs, we suggest that you select another stronger station.

• 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

A B C

A B

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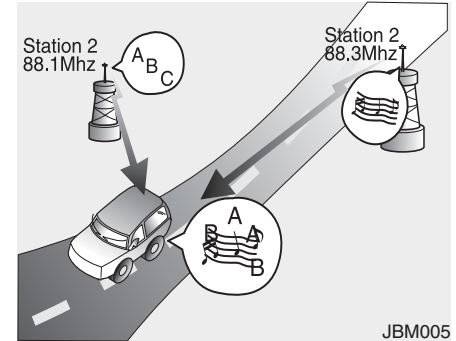
• Station Swapping - As a FM signal weakens, another more powerful signal near the same frequency may begin to play. This is because your radio is designed to lock onto the clearest signal. If this occurs, select another station with a stronger signal.

• 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.

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 system. 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 as 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.

Caring for disc

• If the temperature inside the car is too high, open the car windows to ventilate before using the system.

• 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 CDs by the edges or 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.

• Make certain only 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, continued use may cause malfunctions to your audio system.

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

Some copy protected CDs, which do not comply with international audio CD standards (Red Book), may not play on your car audio. Please note that inabilities to properly play a copy protected CD may indicate that the CD is defective, not the CD player.
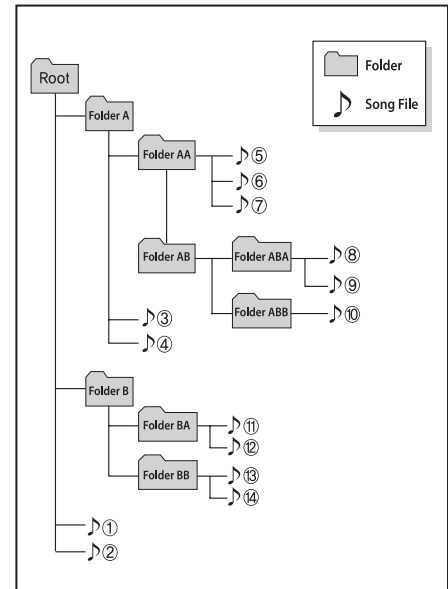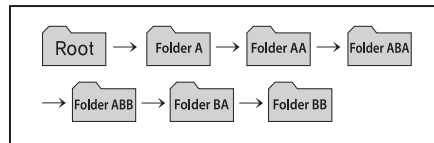
NOTE:

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.**

⚠ **WARNING**

• **Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.**

• **Do not disassemble, assemble, or modify the audio system. Such acts could result in accidents, fire, or electric shock.**

• **Using the phone while driving may lead to a lack of attention of traffic conditions and increase the likelihood of accidents. Use the phone feature after parking the vehicle.**

• **Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.**

(Continued)

(Continued)

• **Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents(fires, electric shock) or product malfunctions.**

• **Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.**

• **Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.**

• **Use the system with the vehicle ignition turned on. Prolonged use with the ignition turned off could result in battery discharge.**

⚠ **CAUTION**

• *Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device.*

• *Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.*

• *Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable levels before turning off the device.)*

(Continued)

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

(Continued)

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

✽ **NOTICE - USING THE 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.
- The System 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.
- An encrypted MP3 PLAYER is not recognizable.

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4 6

(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 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, 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.**
• **Playing videos through the USB is not supported.**
• **Use of USB accessories such as rechargers or heaters using USB I/F may lower performance or cause trouble.**

(Continued)

(Continued)
• **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.**
• **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.**
• **Charging through the USB may not be supported in some mobile devices.**
• **USB HDD or USB types liable to connection failures due to vehicle vibrations are not supported. (i-stick type)**
• **Some non-standard USB devices (METAL COVER TYPE USB) can be unrecognizable.**

(Continued)

(Continued)
• **Some USB flash memory readers (such as CF, SD, micro SD, etc.) or external-HDD type devices can be unrecognizable.**
• **Music files protected by DRM (DIGITAL RIGHTS MANAGE-MENT) 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.**
• **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.**

✽ **NOTICE -** **USING THE iPod®**
DEVICE
• **Some iPod models may not sup-port communication protocol and files may not properly play.**
Supported iPod models:
- iPhone 3GS/4
- iPod touch 1st~4th generation
- iPod nano 1st~6th generation
- iPod classic
• **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 normal-ly on low battery.**

(Continued)

(Continued)
• **Some iPod devices, such as the iPhone, can be connected through the** *Bluetooth*® **Wireless Technology interface. The device must have audio** *Bluetooth*® **Wireless Technology capability (such as for stereo headphone** *Bluetooth*® **Wireless Technology). The device can play, but it will not be con-trolled by the audio system.**
• **To use iPod features within the audio, use the cable provided upon purchas-ing an iPod device.**
• **Skipping or improper operation may occur depending on the characteris-tics of your iPod/Phone device.**
• **If your iPhone is connected to both the** *Bluetooth*® **Wireless Technology and USB, the sound may not be prop-erly played. In your iPhone, select the Dock connector or** *Bluetooth*® **Wireless Technology to change the sound output (source).**

(Continued)

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• **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.**
• **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.**

■ **CD Player**

UMA44001N

SYSTEM CONTROLLERS AND FUNCTIONS

❋Display and settings may differ depending on the selected audio.

Audio Head Unit (for RDS model)

1. ▲ (EJECT)
• Ejects the disc.

2. RADIO
• Changes to FM/AM mode.
• Each time the key is pressed,the mode is changed in order of FM1 ➟ FM2 ➟ FMA ➟ AM ➟ AMA.

3. MEDIA
• Changes to CD, USB(iPod), AUX, My Music, BT Audio mode.
• Each time the key is pressed, the mode is changed in order of CD, USB(iPod), AUX, My Music, BT Audio.

4. PHONE (for *Bluetooth®* Wireless Technology equipped model)
• Operates Phone Screen
❋When a phone is not connected, the connection screen is displayed.

5. PWR/VOL knob
• ◉ Power Knob: Turns power On/Off by pressing the knob
• ◉ Volume Knob: Sets volume by turning the knob left/right

6. ⌄ SEEK TRACK ⌃
• Radio Mode : Automatically search-es for broadcast frequencies.
• CD, USB, iPod, My Music modes
  - Shortly press the key (under 0.8 seconds): Moves to next or previ-ous song (file)
  - Press and hold the key (over 0.8 seconds): Rewinds or fast-for-wards the current song.

7. ⌄ PTY FOLDER ⌃
• FM : RDS Program Type Search
• CD MP3, USB mode : Folder Search

8. 1 ~ 6 (Preset)
• Radio Mode: Saves frequencies (channels) or receives saved fre-quencies (channels)
• CD, USB, iPod, My Music mode
- 1 RPT : Repeat
- 2 RDM : Random
• In the Radio, Media, Setup, and Menu pop up screen, the number menu is selected.

9. 🌙
• Each time the button is shortly pressed (under 0.8 seconds), sets screen Off ➟ Screen On ➟ Screen Off
❈ Audio operation is maintained and only the screen will be turned Off. In the screen Off state, press any key to turn the screen On again.

10. TA/SCAN
• Radio Mode
- Shortly press the key (under 0.8 seconds): TA On/Off
- Press and hold the key (over 0.8 seconds): Previews each broad-cast for 5 seconds each
• Media mode
- Press and hold the key (over 0.8 seconds): Previews each song (file) for 10 seconds each
❈ Press and holding the key again to continue listening to the current song (file).

11. SETUP
• Moves to the Display, Sound, Phone and System setting mode.

12. MEMU
•`Displays menus for the current mode.

13. ◎ TUNE knob
• Radio mode : Changes frequency by turning the knob left/right
• CD, USB, iPod, My Music mode: Searches .songs (files) by turning the knob left/right
❋ When the desired song is displayed, press the knob to play the song.
• Moves focus in all selection menus and selects menus

SETUP (for RDS model)

Display Settings

Press the SETUP key▶Select [Display] through ◎ TUNE knob or 1 RPT key▶Select menu through ◎ TUNE knob

XMA44001T, XMA44002T

Mode Pop up

[Mode Pop up]▶Changes ON. selection mode
• During On state, press the RADIO or MEDIA key to display the mode change pop up screen.

Scroll text

[Scroll text]▶Set ON /OFF
• ON : Maintains scroll
• OFF : Scrolls only one (1) time.

Song Info

When playing an MP3 file, select the desired display info from 'Folder/File' or 'Album/Artist/Song'.

XMA44003T

Sound Settings

Press the SETUP key▶Select [Sound] through ◎ TUNE knob or 2 RDM key▶Select menu through ◎ TUNE knob

XMA44004T, XMA44005T

Audio Settings

This menu allows you to set the 'Bass, Middle, Treble' and the Sound Fader and Balance.

Select [Audio Settings]▸ Select menu through ◉ TUNE knob▸ Turn ◉ TUNE knob left/right to set

• Bass, Middle, Treble : Selects the sound tone.
• Fader, Balance : Moves the sound fader and balance.
• Default : Restores default settings.
❈ Return : While adjusting values, re-pressing the ◉ TUNE knob will restore the parent menu.
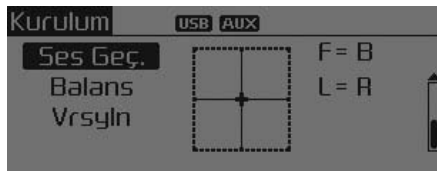
XMA44006T, XMA44007T

Virtual Sound

The PowerBass, PowerTreble, and Surround can be set.

Select [Virtual Sound] ▸Set menu through ◉ TUNE knob ▸Set ⓄN/OFF through ◉ TUNE knob

• PowerBass : This is a sound system feature that provides live bass.
• PowerTreble : This is a sound system feature that provides live tremble.
• Surround : This is a sound system feature that provides surround sound.

XMA44008T, XMA44009T
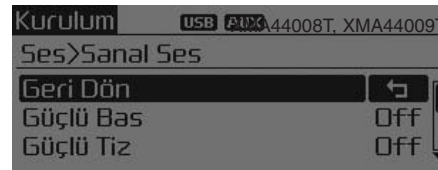
❈ May differ depending on the selected audio.

Speed Dependent Volume Control

This feature is used to automatically control the volume level according to the speed of the vehicle.
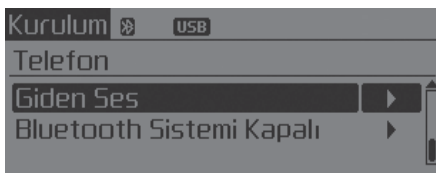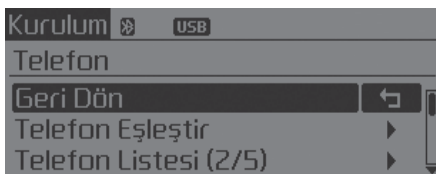
Select [Speed Dependent Vol.]▸Set in 4 levels [Off/Low/Mid/High] of ◉ TUNE knob

XMA44010T

Phone Setup (*Bluetooth*® Wireless Technology equipped model)

Press the **SETUP** key▸Select [Phone]

XMA44012T, XMA44013T, XMA44014T

Pair Phone

⚠ **CAUTION**

To pair a Bluetooth® Wireless Technology enabled mobile phone, authentication and connection processes are first required. As a result, you cannot pair your mobile phone while driving the vehicle. First park your vehicle before use.

Select [Pair Phone]▸Set through ◎ TUNE knob

① Search for device names as displayed on your mobile phone and connect.

② Input the passkey displayed on the screen. (Passkey : 0000)

❈ The device name and passkey will be displayed on the screen for up to 3 minutes. If pairing is not completed within the 3 minutes, the mobile phone pairing process will automatically be canceled.

③ Pairing completion is displayed.

❈ In some mobile phones, pairing will automatically be followed by connection.

❈ It is possible to pair up to five *Bluetooth*® Wireless Technology enabled mobile phones.

Phone List

The names of up to 5 paired phones will be displayed.

4-208-01

Kurulum

Telefon>Telefon Listesi
Geri Dön
▸Bluetooth Phone ★▸
Bluetooth Phone ▸

A [▶] is displayed in front of the currently connected phone.

Select the desired name to setup the selected phone.

• Connecting a phone
Select [Phone List]▸Select mobile phone through ◎ TUNE knob▸ Select [Connect Phone]

4-208-02

Kurulum
...⟩Liste⟩Telefon Bağla
①Bağla ②Öncelik ③Sil
④Geri Dön
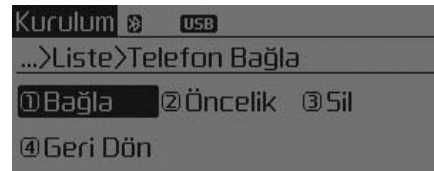
① Select a mobile phone that is not currently connected.
② Connect the selected mobile phone.
③ Connection completion is displayed.
❋ If a phone is already connected, disconnect the currently connected phone and select a new phone to connect.

• Disconnecting a connected phone
Select [Phone List]▸Select mobile phone through ◎ TUNE knob▸ Select [Disconnect Phone]

4-208-3

Kurulum
...⟩Liste⟩Telefon Bağlantısını K...
①Bağlan... ②Öncelik ③Sil
④Geri Dön

① Select the currently connected mobile phone.
② Disconnect the selected mobile phone.
③ Disconnection completion is displayed.

• Changing connection sequence (Priority)

This is used to change the order (priority) of automatic connection for the paired mobile phones.

Select [Phone List]▶Select [Priority] through ◎ TUNE knob▶Select No. 1 Priority mobile phone

① Select [Priority].
② From the paired phones, select the phone desired for No.1 priority.
③ The changed priority sequence is displayed.
❈ Once the connection sequence (priority) is changed, the new no. 1 priority mobile phone will be connected.
- When the no. 1 priority cannot be connected: Automatically attempts to connect the most recently connected phone.
- Cases when the most recently connected phone cannot be connected: Attempts to connect in the order in which paired phones are listed.

- The connected phone will automatically be changed to No. 1 priority.

• Delete
Select [Phone List]▶Select mobile phone through ◎ TUNE knob▶ Select [Delete]

① Select the desired mobile phone.
② Delete the selected mobile phone.
③ Deletion completion is displayed.
❈ When attempting to delete a currently connected phone, the phone is first disconnected.

⚠ **CAUTION**
• **When you delete a mobile phone, the mobile phone phone book will also be erased.**
• **For stable Bluetooth® Wireless Technology communication, delete the mobile phone from the audio and also delete the audio from your mobile phone.**

Phone book Download

This feature is used to download phone book and call histories into the audio system.

Select [Phone book Download]▶ Select through ◎ TUNE knob

⚠ **CAUTION**
• **The download feature may not be supported in some mobile phones.**
• **If a different operation is performed while phone book is being downloaded, downloading will be discontinued. Phone book already downloaded will be saved.**
• **When downloading new phone book, delete all previously saved phone book before starting download.**

Auto Download

When connecting a mobile phone, it is possible to automatically download new phone book and Call Histories.

Select [Auto Download]▶Set (ON) / (OFF) through ⬤ TUNE knob

Audio Streaming

Songs (files) saved in your *Bluetooth®* Wireless Technology enabled mobile phone can be played through the audio system.

Select [Audio Streaming]▶Set (ON) / (OFF) through ⬤ TUNE knob

> ⚠ **CAUTION**
>
> *The Bluetooth® Wireless Technology audio streaming feature may not be supported in some mobile phones.*

Outgoing Volume

This is used to set the volume of your voice as heard by the other party while on a *Bluetooth®* Wireless Technology enabled handsfree call.

Select [Outgoing Volume]▶Set volume through ⬤ TUNE knob

❈ Even while on a call, the volume can be changed by using the ∨SEEK / TRACK∧ key.

Bluetooth® Wireless Technology System Off

This feature is used when you do not wish to use the *Bluetooth®* Wireless Technology system.

Select [Bluetooth System Off]▶Set through ⬤ TUNE knob

❈ If a phone is already connected, disconnect the currently connected phone and turn the *Bluetooth®* Wireless Technology system off.

Using the *Bluetooth*® Wireless Technology System

To use *Bluetooth*® Wireless Technology when the system is currently off, follow these next steps.

• Turning On *Bluetooth*® Wireless Technology through the PHONE Key

Press the PHONE key▶Screen Guidance

❈Moves to the screen where *Bluetooth*® Wireless Technology functions can be used and displays guidance.

• Turning On *Bluetooth*® Wireless Technology through the SETUP Key

Press the SETUP key▶Select [Phone] knob or 3 key

① A screen asking whether to turn on *Bluetooth*® Wireless Technology will be displayed.

② On the screen, select YES to turn on *Bluetooth*® Wireless Technology and display guidance.

❈If the *Bluetooth*® Wireless Technology system is turned on, the system will automatically try to connect the most recently connected *Bluetooth*® Wireless Technology mobile phone.

⚠ **CAUTION**

• *Bluetooth*® *Wireless Technology* **connection may become intermittently disconnected in some mobile phones. Follow these next steps to try again.**

1)**Turn the Bluetooth® Wireless Technology function within the mobile phone ON/OFF and try to connect again.**

2)**Turn the mobile phone power ON/OFF and try to connect again.**

3)**Completely remove the mobile phone battery, reboot, and then try to connect again.**

4)**Reboot the audio system and try to connect again**

5)**Delete all paired devices in your mobile phone and the audio system and pair again for use.**

System Settings

Press the SETUP key▶Select [System]

XMA44015T

Memory Information (if equipped)

Displays currently used memory and total system memory.

Select [Memory Information]▶OK

The currently used memory is displayed on the left side while the total system memory is displayed on the right side.

XMA44017T

Language

This menu is used to set the display and voice recognition language.

Select [Language]▶Set through ⊚ TUNE knob

❋ The system will reboot after the language is changed.

❋ Language support by region
 - Deutsch, English(UK), Français, Italiano, Español, Nederlands, Svenska, Dansk, Русский, Polski, Türkçe

RADIO (for RDS model)

Changing RADIO mode

XMA44036T

SEEK

Press the ⌄ SEEK TRACK ⌃ key

• Shortly pressing the key (under 0.8 seconds): Changes the frequency.

• Pressing and holding the key (over 0.8 seconds): Automatically searches for the next frequency.

Preset SEEK

Press the 1 ~ 6 key

• Shortly pressing the key (under 0.8 seconds): Plays the frequency saved in the corresponding key.

• Pressing and holding the key (over 0.8 seconds): Pressing and holding the desired key from 1 ~ 6 will save the currently playing broadcast to the selected key and sound a BEEP.

SCAN

Press the TA/SCAN key

• Pressing and holding the key (over 0.8 seconds): The broadcast frequency increases and previews each broadcast for 5 seconds each. After scanning all frequencies, returns and plays the current broadcast frequency.

Selecting through manual search

Turn the ◉ TUNE knob left/right to adjust the frequency.

- FM : Changes by 50KHz
- AM : Changes by 9khz

Traffic Announcement (TA)

Shortly pressing the TA/SCAN key (under 0.8 seconds): Set ON / OFF TA Traffic Announcement) mode.

PTY Up/Down

• Press the ⌄ PTY FOLDER ⌃ key when searching PTY in RDS Broadcasting Program Type selection.

MENU

Within MENU key are the A.Store (Auto Store) and Info functions.

AST (Auto Store)

Press the MENU key Set [①AST] through ⬤ TUNE knob or 1 RPT key.

XMA44037T

Select AST (Auto Store) to save frequencies with superior reception to presets 1 ~ 6 . If no frequencies are received, then the most recently received frequency will be broadcast.

❋ Saves only to the Preset memory 1 ~ 6 of FMA or AMA mode.

AF (Alternative Frequency)

Press the MENU key Set [②AF] through ⬤ TUNE knob or 2 RDM key.

The Alternative Frequency option can be turned On/Off.

Region

Press the MENU key Set [③ Region] through ⬤ TUNE knob or 3 key.

The Region option can be turned On/Off.

News

Press the MENU key Set [④News] through ⬤ TUNE knob or 4 key.

The News option can be turned On/Off.

Info Volume

Info Volume refers to the sound volume upon receiving News or Traffic information.

The info volume can be controlled by turning the ⬤ VOL knob left/right while a news or traffic broadcast is playing.

❋AF, Region, and News are RDS Radio menus.

BASIC METHOD OF USE : Audio CD / MP3 CD / USB / iPod / My Music

Press the MEDIA key to change the mod mode in order of CD ➟ USB(iPod) ➟ AUX ➟ My Music ➟ BT Audio.

The folder/file name is displayed on the screen.

XMA44040T, XMA44041T

<Audio CD>

<CD MP3>

XMA44042T, XMA44043T

<USB>

<My Music>

❈ The CD is automatically played when a CD is inserted.
❈ The USB music is automatically played when a USB is connected.

Repeat

While song (file) is playing▶ 1 RPT (RPT) key

Audio CD, MP3 CD, USB, iPod, My Music mode: RPT on screen

• To repeat one song (Shortly pressing the key (under 0.8 seconds)): Repeats the current song.

MP3 CD, USB mode: FLD.RPT on screen

• To repeat folder (pressing twice): repeats all files within the current folder.

❈ Press the 1 RPT key again to turn off repeat.

Random

While song (file) is playing▶ `2 RDM` (RDM) key

Audio CD, My Music mode: RDM on screen

• Random (Shortly pressing the key): Plays all songs in random order.

MP3 CD, USB mode: FLD.RDM on screen

• Folder Random (Shortly pressing the key): Plays all files within the current folder in random order.

MP3 CD, USB mode: RDM on screen

• Random (pressing twice): Plays all files in random order.

iPod® mode: RDM on screen

• Random (Shortly pressing the key): Plays all files in random order.

❇ Press the `2 RDM` key again to turn off random.

Changing Song/File

• Shortly pressing the key: Plays the current song from the beginning.

❇If the `⌄ SEEK TRACK` key is pressed again within 1 second, the previous song is played.

• Pressing and holding the key (over 0.8 seconds): Rewinds the song.

While song (file) is playing▶ `SEEK TRACK ⌃` key

• Shortly pressing the key : Plays the next song.

• Pressing and holding the key (over 0.8 seconds): Fast forwards the song.

Scan (for RDS model)

• Pressing and holding the `TA/SCAN` key (over 0.8 seconds) : Scans all songs for 10 seconds starting from the next song.

❇ Pressing and holding the `TA/SCAN` key again to turn off.

Folder Search : MP3 CD, USB Mode

While file is playing ▶ PTY FOLDER ⌃
(Folder Up) key

• Searches the next folder.

While file is playing ▶ ⌄ PTY FOLDER
(Folder Down) key

• Searches the parent folder.
❋ If a folder is selected by pressing the ◉ TUNE knob, the first file within the selected folder will be played.
❋ In iPod mode, moves to the Parent Folder.

Searching Songs (File)

• Turning ◉ TUNE knob : Searches for songs (files)
• Pressing ◉ TUNE knob : Plays selected song (file).

MENU : Audio CD

Press the CD MP3 mode MENU key to set the Repeat, Random, Information features.
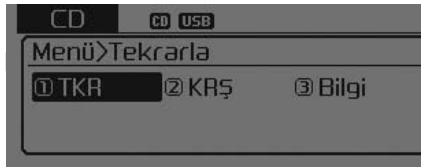
XMA44044T

Repeat

Press the MENU key ▶ Set [①RPT] through the ◉ TUNE knob or 1 RPT key to repeat the current song.
❋ Press RPT again to turn off.

Random

Press the MENU key ▶ Set [②RDM] through the ◉ TUNE knob or 2 RDM key to randomly play songs within the current folder.
❋ Press RDM again to turn off.

Information

Press the MENU key ▶ Set [③Info] through the ◉ TUNE knob or 3 key to display information of the current song.
❋ Press the MENU key to turn off info display.

MENU : MP3 CD / USB

Press the CD MP3 mode MENU key to set the Repeat, Folder Random, Folder Repeat, All Random, Information, and Copy features.

XMA44045T

Repeat

Press the MENU key ▶ Set [①RPT] through the ◉ TUNE knob or 1 RPT key to repeat the current song.
❋ Press RPT again to turn off.

Folder Random

Press the MENU key▶Set [②
F.RDM] through the ◉ TUNE knob
or 2 RDM key to randomly play songs
within the current folder.

❋ Press F.RDM again to turn off.

Folder Repeat

Press the MENU key▶Set [③F.RPT]
through the ◉ TUNE knob or 3
key to repeat songs within the cur-
rent folder.

❋ Press F.RPT again to turn off.

All Random

Press the MENU key▶Set [④
A.RDM] through the ◉ TUNE knob
or 4 key to randomly play all
songs within the CD.

❋ Press A.RDM again to turn off.

Information

Press the MENU key▶Set [⑤Info]
through the ◉ TUNE knob or 5
key to display information of the cur-
rent song.

❋ Press the MENU key to turn off
info display.

Copy (if equipped)

Press the MENU key▶Set [⑥Copy]
through the ◉ TUNE knob or 6
key.

This is used to copy the current
song into My Music. You can play
the copied Music in My Music
mode.

❋ If another key is pressed while
copying is in progress, a pop up
asking you whether to cancel
copying is displayed.

❋ If another media is connected or
inserted (USB, CD, iPod, AUX)
while copying is in progress, copy-
ing is canceled.

❋ Music will not be played while
copying is in progress.

Features of your vehicle

MENU : iPod®

In iPod® mode, press the MENU key to set the Repeat, Random, Information and Search features.

iPod
Menü>Tekrarla
①TKR   ②KRŞ   ③Bilgi
④Arama

XMA44046T

Repeat

Press the MENU key▶Set [①RPT] through the ◎ TUNE knob or 1 RPT key to repeat the current song.
❇Press RPT again to turn repeat off.

Random

Press the MENU key▶Set [②RDM] through the ◎ TUNE knob or 2 key.

Plays all songs within the currently playing category in random order.
❇Press RDM again to turn off.

Information

Press the MENU key▶Set [③Info] through the ◎ TUNE knob or 3 key.

Displays information of the current song.
❇Press the MENU key to turn off info display.

Search

Press the MENU key▶Set [④ Search] through the ◎ TUNE knob or 4 key.

Displays iPod® category list.
❇Searching iPod® category is MENU key pressed, move to parent category.

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MENU : My Music Mode (if equipped)

In My Music mode, press the MENU key to set the Repeat, Random, Information, Delete, Delete All, and Delete Selection features.

XMA44047T

Repeat

Press the MENU key▶Set [①RPT] through the ◉ TUNE knob or 1 RPT key.

Repeats the currently playing song.

❊ Press RPT again to turn repeat off.

Random

Press the MENU key▶Set [②RDM] through the ◉ TUNE knob or 2 RDM key.

Plays all songs in random order.

❊ Press RDM again to turn random off.

Information

Press the MENU key▶Set [③Info] through the ◉ TUNE knob or 3 key.

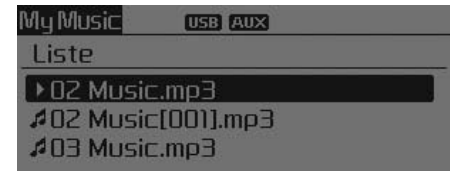Displays information of the current song.

❊ Press the MENU key to turn off info display.

Delete

Press the MENU key▶Set [④Delete] through the ◉ TUNE knob or 4 key.

Deletes currently playing file

In the play screen, pressing delete will delete the currently playing song.

Deletes file from list

XMA44048T

① Select the file you wish to delete by using the ◉ TUNE knob.

② Press the MENU key and select the delete menu to delete the selected file.

Delete All

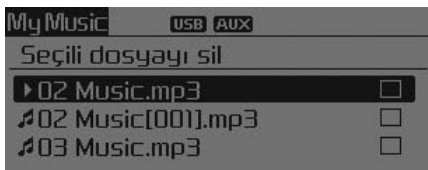Press the MENU key ▶ Set [⑤Del.All] through the ◉ TUNE knob or 5 key.

Deletes all songs of My Music.

Delete Selection

Press the MENU key ▶ Set [⑥ Del.Sel] through the ◉ TUNE knob or 6 key.

Songs within My Music are selected and deleted.

①Select the songs you wish to delete from the list.

XMA44049T

② After selecting, press the MENU key and select the delete menu.

XMA44050T

✻ **NOTICE - USING THE My Music**

• **Even if memory is available, a maximum of 6,000 songs can be stored.**
• **The same song can be copied up to 1,000 times.**
• **Memory info can be checked in the System menu of Setup.**

AUX

AUX is used to play external MEDIA currently connected with the AUX terminal.

AUX mode will automatically start when an external device is connected with the AUX terminal.

If an external device is connected, you can also press the MEDIA key to change to AUX mode.

XMA44051T

✻AUX mode cannot be started unless there is an external device connected to the AUX terminal.

✻ **NOTICE - USING THE AUX**

• **Fully insert the AUX cable into the AUX terminal for use.**

Bluetooth® Wireless Technology AUDIO (if equipped)

What is *Bluetooth®* Wireless Technology?

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

Before using *Bluetooth®* Wireless Technology audio features

• *Bluetooth®* Wireless Technology audio may not be supported depending on the compatibility of your *Bluetooth®* Wireless Technology mobile phone.

• In order to use *Bluetooth®* Wireless Technology audio, you must first pair and connect the *Bluetooth®* Wireless Technology mobile phone.

• *Bluetooth®* Wireless Technology audio can be used only when the [Audio Streaming] of Phone is turned On.

❈ Setting Bluetooth® Wireless Technology Audio Streaming : Press the SETUP key▶Select [Phone] through the tune knob ▶ Select [Audio Streaming] through the ◎ TUNE knob▶Set ON /OFF

Starting *Bluetooth®* Wireless Technology Audio

• Press the MEDIA key to change the mode in order of CD ➟ USB ➟ AUX ➟ My Music ➟ BT Audio.

• If BT Audio is selected, *Bluetooth®* Wireless Technology audio will start playing.

❈ Audio may not automatically start playing in some mobile phones.

Using the *Bluetooth®* Wireless Technology audio features

• Play / Pause

Press the ◎ TUNE knob to play and pause the current song.
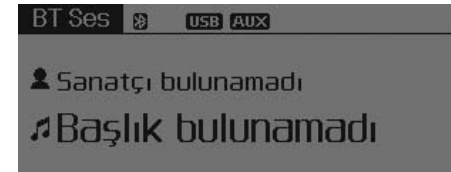
XMA44052T

❈ The title / artist info may not be supported in some mobile phone.

When it is not supported, no title / no artist will be displayed.

❈ The previous song / next song / play / pause functions may not be supported in some mobile phones.

PHONE (if equipped)

Before using the *Bluetooth®* Wireless Technology phone features

• In order to use *Bluetooth®* Wireless Technology phone, you must first pair and connect the *Bluetooth®* Wireless Technology mobile phone.

• If the mobile phone is not paired or connected, it is not possible to enter Phone mode. Once a phone is paired or connected, the guidance screen will be displayed.

• If Priority is set upon vehicle ignition (IGN/ACC ON), the *Bluetooth®* Wireless Technology phone will be automatically connected. Even if you are outside, the *Bluetooth®* Wireless Technology phone will be automatically connected once you are in the vicinity of the vehicle. If you do not want automatic *Bluetooth®* Wireless Technology phone connection, set the *Bluetooth®* Wireless Technology power to OFF.

Making a call using the Steering remote controller
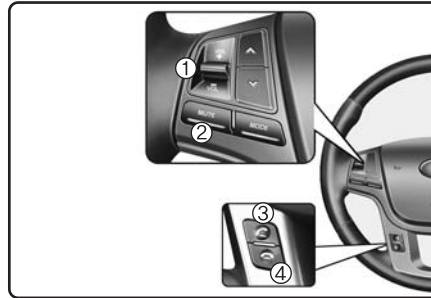
1. VOLUME button : Raises or lowers speaker volume.

2. MUTE button : Mute the microphone during a call.

3. [icon] button : Places and transfers calls.

4. [icon] button : Ends calls or cancels functions.

• Check call history and making call

① Shortly press (under 0.8 seconds) the [icon] key on the steering remote controller.

② The call history list will be displayed on the screen.

③ Press the [icon] key again to connect a call to the selected number.

• Redialing the most recently called number

① Press and hold (over 0.8 seconds) the [icon] key on the steering remote controller.

② The most recently called number is redialed.

Phone MENU (for RDS model)

Press the PHONE key to display three menus (Call History, Phone Book, Phone Setup).

XMA44053T

Call history

Press the PHONE key▶Set [①History] through the ◉ TUNE knob or 1 RPT key.

The call history is displayed and can be used to select a number and make a call.

If call history does not exist, a screen asking whether to download call history is displayed. (The download feature may not be supported in some mobile phones)

Phone Book

Press the PHONE key▶Set [②P. Book] through the ◉ TUNE knob or 2 RDM key.

The phone book is displayed and can be used to select a number and make a call.

❋ If more than one number is saved to one contact, then a screen showing the mobile phone number, Home and office number is displayed. Select the desired number to make the call.

❋ If phone book do not exist, a screen asking whether to download phone book is displayed. (The download feature may not be supported in some mobile phones)

Phone Setup

Press the PHONE key▶Set [③ Setup] through the ◉ TUNE knob or 3 key.

The *Bluetooth®* Wireless Technology mobile phone setup screen is displayed. For more information, refer to "Phone Setup".

Features of your vehicle

✽ **NOTICE - USING THE**
   ***Bluetooth®* Wireless**
   Technology CELLULAR PHONE

• Do not use a cellular phone or per-
  form *Bluetooth®* Wireless
  Technology settings (e.g. pairing a
  phone) while driving.
• Some *Bluetooth®* Wireless
  Technology -enabled phones may
  not be recognized by the system or
  fully compatible with the system.
• Before using *Bluetooth®* Wireless
  Technology related features of the
  audio system, refer your phone's
  User's Manual for phone-side
  Bluetooth® Wireless Technology
  operations.
• The phone must be paired to the
  audio system to use *Bluetooth®*
  Wireless Technology related fea-
  tures.
• 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 tun-
  nel, in a underground, in a moun-
  tainous area, etc.).
                        (Continued)

(Continued)
• 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.
• Do not place the phone near or
  inside metallic objects, otherwise
  communications with *Bluetooth®*
  Wireless Technology system or cel-
  lular service stations can be dis-
  turbed.
• While a phone is connected
  through *Bluetooth®* Wireless
  Technology your phone may dis-
  charge quicker than usual for
  additional *Bluetooth®* Wireless
  Technology-related operations.
• Some cellular phones or other
  devices may cause interference
  noise or malfunction to audio sys-
  tem. In this case, store the device
  in a different location may resolve
  the condition.
• Phone contact names should be
  saved in English or they may not
  be displayed correctly.
                        (Continued)

(Continued)
• If Priority is set upon vehicle igni-
  tion(IGN/ACC ON), the
  Bluetooth® Wireless Technology
  phone will be automatically con-
  nected.
  Even if you are outside, the
  Bluetooth® Wireless Technology
  phone will be automatically con-
  nected once you are in the vicinity
  of the vehicle.
  If you do not want automatic
  Bluetooth® Wireless Technology
  connection, turn the *Bluetooth®*
  Wireless Technology feature off.
• The hands-free call volume and
  quality may differ depending on
  the mobile phone type.
• *Bluetooth®* Wireless Technology
  features can be used only when the
  mobile phone has been paired and
  connected with the device. For
  more information on pairing and
  connecting *Bluetooth®* Wireless
  Technology enabled mobile
  phones, refer to the "Phone Setup"
  section.
                        (Continued)

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(Continued)

• When a *Bluetooth*® Wireless Technology mobile phone is connected, a ( ) icon will appear at the top of the screen. If a ( ) icon is not displayed, this indicates that a *Bluetooth*® Wireless Technology enabled device has not been connected. You must connect the device before use. For more information on *Bluetooth*® Wireless Technology mobile phones, refer to the "Phone Setup" section.

• Pairing and connecting a *Bluetooth*® Wireless Technology enabled mobile phone will work only when the *Bluetooth*® Wireless Technology option within your mobile phone has been turned on. (Methods of turning on the *Bluetooth*® Wireless Technology enabled feature may differ depending on the mobile phone.)

(Continued)

(Continued)

• In some mobile phones, starting the ignition while talking through *Bluetooth*® Wireless Technology enabled handsfree call will result in the call becoming disconnected. (Switch the call back to your mobile phone when starting the ignition.)

• Some features may not be supported in some *Bluetooth*® Wireless Technology mobile phone and devices.

• *Bluetooth*® Wireless Technology enabled operation may be unstable depending on the communication state.

• Placing the audio system within an electromagnetic environment may result in noise interference.

APPENDIX

Name		Description
AST (A.store)		Automatically selects and saves channels
SDVC		Speed Dependent Volume Control

Appendix   Homologation

FCC Compliance Statement.

> **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 interferencethat may cause undesired operation.**

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.

Do Not

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

Be sure

The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

IC Compliance Statement.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.   L'exploitation est autorisee aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.