

Infotainment System User's Manual

[Style of each level]

**Level 1 : Arial Bold
16**

Level 2 : Arial Bold 14

Level 3 : Arial Bold 12

Level 4 : Arial Bold 10

Main text (Item title) : Arial Bold 9

Main text (Description) : Arial Normal 9

- Notes : Arial Normal 8

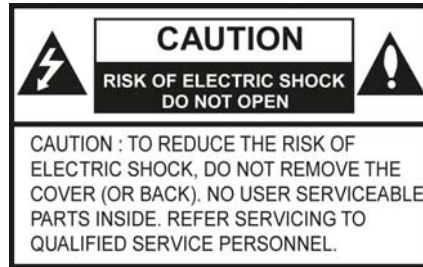
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Introduction [Level 2]

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Safety Information [Level 3]



[regulation_BYOM]



[regulation thunder_BYOM]

The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user about the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



[regulation exclamation_BYOM]

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

- Always operate the vehicle in a safe manner. Do not become distracted by the vehicle while driving and always be fully aware of all driving conditions. Do not change settings or any functions.
Pull over in a safe and legal manner before attempting such operations. To promote safety, certain functions are disabled unless the hand brake is on.
- To reduce the risk of electric shock, do not remove the cover or back of this product. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.

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- To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.
- When driving your vehicle, be sure to keep the volume of the unit low enough to allow you to hear sounds coming from the outside.
- Do not drop it and avoid heavy impacts at anytime.
- The driver should not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.

CAUTION:

- Do not disassemble or modify this system. If you do, it may result in accidents, fire, or electrical shock.
- Some states/provinces may have laws limiting the use of video screens while driving. Use the system only where it is legal to do so.
- Do not use your phone in private mode when you are driving. You must stop at a safe location to use it.

FCC Compliance Statement [Level 4]

<North America>

This device complies with part 15 of the FCC Rules.

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

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does

cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Caution:

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement:

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

This equipment should be installed and operated with minimum 20 cm between the radiator & your body. End users must follow

the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

<Canada>

This Class B digital apparatus complies with Canadian ICES-003 "To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing."

Cet appareil numérique de la classe B est conforme à la norme NMB-003 «Pour empêcher que cet appareil cause du brouillage au service faisant l'objet d'une licence, il doit être utilisé à l'intérieur et devrait être placé loin des fenêtres afin de fournir un écran de blindage maximal. Si le matériel (ou son antenne d'émission) est installé à l'extérieur, il doit faire l'objet d'une licence. »

This device complies with RSS-210 of the Industry Canada Rules.

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.

Avis d'Industrie Canada

Cet appareil est conforme à norme CNR-210 des règlements d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes:

- 1) Cet appareil ne doit pas provoquer d'interférences et
 - 2) Cet appareil doit accepter toute les interférences, y compris celles pouvant entraîner son dys-fonctionnement.
- Cet appareil numérique de classe B est conforme à la norme NMB-003 du Canada.

This equipment complies with IC radiation exposure limits set forth an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body. Cet équipement est conforme aux radiations IC limites d'exposition prévues une incontrôlée environnement. Cet équipement doit être installé et utilisé avec une distance minimale 20 cm entre le radiateur et votre corps.

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Introduction [Level 3]

General Information [Level 4]

The Infotainment system provides Infotainment in your car, using the latest technology.

The radio can be easily used by registering up to 35 FM, AM, or XM radio stations with the PRESET buttons [1~5] per every seven pages.

The Infotainment system can play the USB storage devices or iPod/iPhone products.

The Bluetooth phone connection function allows for the use of wireless hands-free phone calls, as well as a phone music player.

Connect a portable music player to the exterior sound input to enjoy the rich sound of the Infotainment system.

- The "Overview" section provides a simple overview of the Infotainment system's functions and summary of all regulatory devices.
- The "Operation" section explains the basic controls for the Infotainment system.

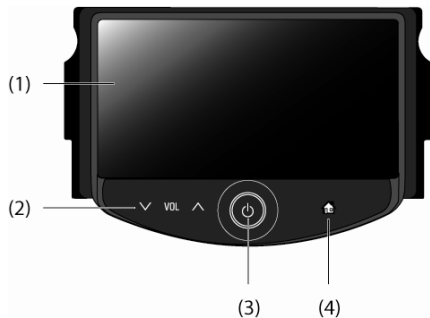
Theft-Deterrent Feature [Level 3]

The Infotainment system has an electronic security system installed to prevent theft.

The Infotainment system only works in the vehicle in which it was first installed, and cannot be used in another vehicle.

Overview [Level 3]

Control panel [Level 4]



[front_BYOM]

(1) Display

Display for Play/Reception/Menu state and information.

(2) Volume (^ VOL v) buttons

Press [^] to increase the volume.

Press [v] to decrease the volume.

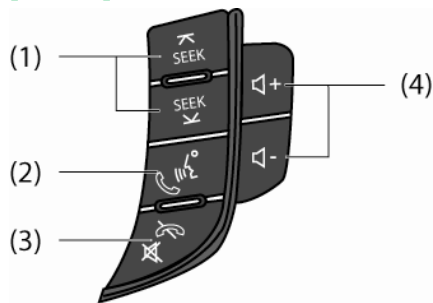
(3) POWER (⏻) button

Press and hold this button to turn the power on/off.

(4) HOME (🏠) button

Press this button to enter the home menu.

Steering wheel remote control [Level 4]



[steering_BYOM]

(1) SEEK (↶/↷) buttons

- **Press:**

- FM/AM mode: receives the previous or next preset station.
- XM mode: receives the previous or next preset channel.
- MP3, USB mode : plays the previous or next file.
- iPod/iPhone mode: plays the previous or next song.
- Bluetooth music mode: plays the previous or next music.

(2) Call (☎) button

- **When there is no paired Bluetooth device on the Infotainment system**

Executes the Bluetooth device connection.

- **Press and hold:**

- FM/AM mode: quickly moves through the stations while the button is pressed. Once released, automatically searches for broadcast which can be received.
- XM mode: quickly moves through the channels while the button is pressed. Once released, automatically searches for channel which can be received.
- MP3, USB, iPod/iPhone mode: quickly scans forward or backward while the button is pressed. Once released, returns to normal playback.

- **When there is a paired Bluetooth device on the Infotainment system**

Press the button to answer the call or enter the re-dial selection mode.

If the customer's connected phone supports Speech Recognition, press and hold the button to activate the phone's SR (Speech recognition) mode.

(3) Mute/Hang up (☎) button

Press this button in any music play mode to turn the mute function on and off.

Press this button to reject incoming calls or to finish your current call.

(4) Volume (↶/↷) buttons

Press the + button to increase the volume.

Press the - button to decrease the volume.

Operation [Level 3]

System on/off [Level 4]

- Press and hold [⏻] on the control panel to turn the power on. The last audio or movie will be executed.
- Press and hold [⏻] on the control panel to turn the power off. The time, date and temperature are displayed on the screen.



[clock_BYOM]

Note

The temperature is displayed when the ignition switch (car ignition key) is in the ON position.

Turning on/off automatically [Level 4]

When the ignition switch (car ignition key) is in the ACC or ON position, the Infotainment system is turned on automatically.

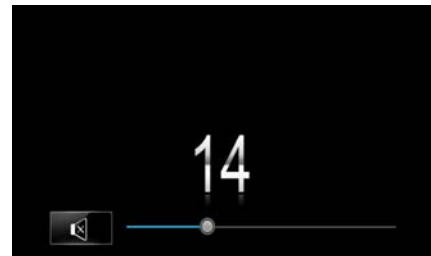
When the ignition switch (car ignition key) is in the OFF position and the user opens the door of the vehicle, the Infotainment system is turned off automatically.

Note

If the user press and hold [⏻] on the control panel when the ignition switch (car ignition key) is in the OFF position, the Infotainment system is turned on. But the Infotainment system is turned off automatically after about 10 minutes.

Volume control [Level 4]

Press [^ VOL v] on the control panel to adjust the volume. The current sound volume is indicated.

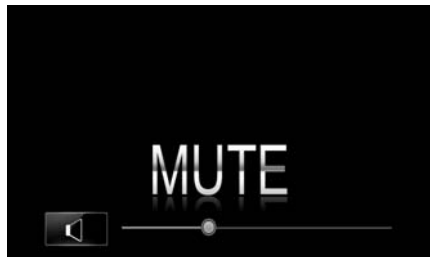


[volume_BYOM]

- Using the steering wheel remote control, press [⏪ / ⏩] to adjust the volume.
- Turning on the Infotainment system power will set the volume level to its previous selection (when it is less than the maximum starting volume).
- If the volume level is louder than maximum starting volume level when the Infotainment system is turned on, the Infotainment system is adjusted automatically to maximum starting volume level.

MUTE [Level 4]

Press [\wedge VOL \vee] on the control panel,
and then press [\boxtimes] to turn the mute
function on and off.



[mute_BYOM]

Auto volume control [Level 4]

Once the speed-compensating sound
volume setup starts operating, the
volume will automatically be controlled
according to the vehicle's speed to
offset the noise from the engine and
tires.

1. Press [HOME (🏠)] on the control
panel.
2. Press [settings] > [radio settings] >
[auto volume].



[settings radio_BYOM]

3. Set Off/Low/Medium/High by
pressing [$<$ / $>$].

Volume limit by high temperature [Level 4]

If the inside temperature of the radio is
very high, the Infotainment system will
limit the controllable maximum volume.

If necessary, the volume will
automatically decrease.

Using HOME menu [Level 4]

1. Press [HOME (🏠)] on the control panel.



[home_BYOM]

2. Press the desired menu.
 - Press [audio] to select FM/ AM/ XM radio, USB/ iPod/ Bluetooth music play or exterior sound (AUX) input.
 - Press [picture & movie] to view picture, movie or exterior video (AUX) input.
 - Press [telephone] to activate phone features (if connected).
 - Press [smartphone link] to listen to Pandora or Stitcher through your connected smartphone.
 - Press [settings] to enter the system setup menu.

Selecting function [Level 4]

Audio

1. Press [HOME (🏠)] on the control panel.
2. Press [audio] on the home menu.
3. Press [Source ▼] on the screen.



[function_BYOM]

- Press [AM] to select AM radio.
- Press [FM] to select FM radio.
- Press [XM] to select XM radio.
- Press [USB] to select USB.
- Press [iPod] to select iPod/iPhone.
- Press [AUX] to select exterior sound (AUX) input.
- Press [Bluetooth] to play Bluetooth music.

Note

- Press [↩] to return to the HOME menu.
- If the playback source (USB/ iPod/ AUX/ Bluetooth) is not connected to the Infotainment system, this function is not available.

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Picture & movie

1. Press [HOME (🏠)] on the control panel.
2. Press [Picture & movie] on the home menu.
3. Press [Source ▼] on the screen.



[function usb_BYOM]

- Press [USB (picture)] to view picture files contained in the USB storage device.
- Press [USB (movie)] to view movie files contained in the USB storage device.
- Press [AUX (movie)] to view movie files connected to exterior video (AUX) device.

Note

- Press [↩] to return to the HOME menu.
- If the playback source (USB (picture) / USB (movie) / AUX (movie)) is not connected to the Infotainment system, this function is not available.

Bluetooth hands-free phone device

To operate Bluetooth Hands-Free function, connect the Bluetooth phone to the Infotainment system.

1. Press [HOME (🏠)] on the control panel.
2. Press [telephone] on the home menu.



[phone main_BYOM]

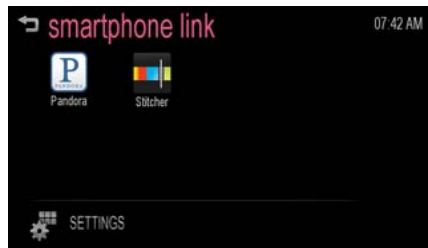
Note

- Press [↩] to return to the HOME menu.
- If your Bluetooth phone is not connected to the Infotainment system, this function is not available. For details, refer to the "Pairing and connecting Bluetooth" on the page 46.

Smartphone link

Install the applications (Pandora/ Stitcher) on your smartphone to operate this function, and then connect your smartphone and the Infotainment system through the USB port or Bluetooth wireless technology.

- iPhone: USB connection
 - Android phone/ Blackberry phone: Bluetooth wireless technology
1. Press [HOME (🏠)] on the control panel.
 2. Press [smartphone link] on the home menu.



[function smart_BYOM]

Note

Press [🏠] to return to the HOME menu.

Settings

1. Press [HOME (🏠)] on the control panel. Personalization
2. Press [settings] on the home menu.



[settings main_BYOM]

Radio [Level 2]

AM-FM Radio..... 13

Satellite Radio..... 19

AM-FM Radio [Level 3]

Listening to FM/AM radio [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [audio] on the home menu.
3. Press [Source ▼] on the screen.



[function_BYOM]

4. Press [FM] or [AM] on the screen.
The FM or AM radio band of the most recent listened station is displayed.



[fm_BYOM]

Note

Press [🏠] to return to the HOME menu.

Searching for broadcasting automatically [Level 4]

- Press [◀◀ SEEK ▶▶] to automatically search for available radio stations with good reception.
- Hold and drag to left or right of the radio station to automatically search for available radio stations with good reception.

Searching for broadcasting manually [Level 4]

Repeatedly press [◀ TUNE ▶] to manually find the desired broadcasting station.

Searching for broadcasting by using the PRESET buttons [Level 4]

Saving PRESET buttons

1. Select the band (FM or AM) you want to store a station into.
2. Select the desired station.
3. Press [◀ / >] to select the desired page of saved favorites.



[fm preset_BYOM]

4. Hold down any of the PRESET buttons to save the current radio station to that button of the selected favorites page.
 - Up to 7 favorites pages can be saved, and each page can store up to five radio stations.

- To change a PRESET, simply tune to the new desired radio station and hold the button.

Listening to PRESET button directly

1. Repeatedly press [◀ / >] to select the desired FAV (Favorites) page.
2. Press PRESET buttons to directly listen to the radio station saved to that button.

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Autostore [Level 4]

The stations with the most superior reception are stored automatically as PRESET buttons in corresponding order.

1. Select the desired band (FM or AM).
2. Press [AS].



[as_BYOM]

3. Repeatedly press [< / >] to select the desired AS (Autostore) page.
4. Press PRESET buttons to directly listen to the radio station saved to that button.

Note

- To update the FM/AM autostore, press and hold [AS].
- If the user presses [AS] on the FM/AM radio screen when there are is no stored station on the PRESET buttons, the FM/AM autostore will be updated.

Viewing station information [Level 4]

Press the station on the FM/AM radio screen.



[fm info_BYOM]

The information displayed includes the frequency, PTY (Program type) code, and Radio text.

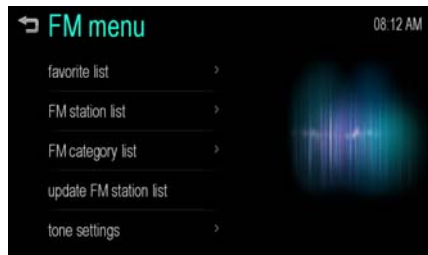
Note

PTY (Program type) displays the kinds of programs (News, sports, music, etc) as one of the RDS (Radio Data Service) service.

Using the FM/AM radio menu [Level 4]

General operation of the radio menu

1. Select the desired band (FM or AM).
2. Press [MENU] on the FM/AM radio screen.

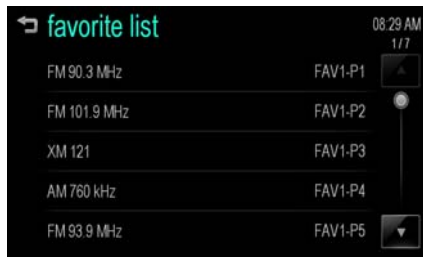


[fm menu_BYOM]

3. Press the desired menu to select the relevant item or to display the item's detailed menu.
4. Press [↶] to return to the previous menu.

Favorite list (FM/AM menu)

1. From the FM/AM menu, press the [favorite list] to display the favorite list.
The favorite list information is displayed.



[fm menu_favorite_BYOM]

2. Scroll through the list using [▲ / ▼].
Tune to the desired station by selecting it.

FM/AM station list (FM/AM menu)

1. From the FM/AM menu, press the [FM station list] / [AM station list] to display the FM/AM station list.
The station list information is displayed.



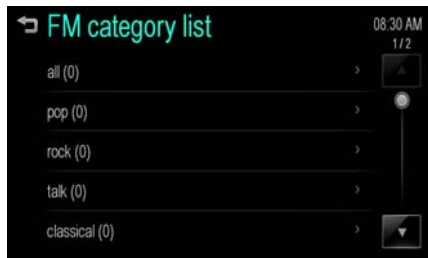
[am menu_station_BYOM]

2. Scroll through the list using [▲ / ▼].
Tune to the desired station by selecting it.

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FM category list (FM menu)

1. From the FM menu, press the [FM category list] to display the FM category list.
The FM category list information is displayed.



[fm menu category_BYOM]

2. Scroll through the list using [▲ / ▼].
Tune to the desired station by selecting it.

Note

The FM category list is only available for RDS (Radio Data System).

Update FM/AM station list (FM/AM menu)

1. From the FM/AM menu, press the [update FM station list] / [update AM station list] to display the update FM/AM station list.
The FM/AM broadcasting list update will proceed.



[fm menu update_BYOM]

2. During the FM/AM broadcasting list update, press [Cancel] to stop it from saving changes.

Tone settings (FM/AM menu)

From [tone settings] menu, sound features can be setup differently according to the FM/AM audio and each audio player's functions.

1. From the FM/AM menu, press the [tone settings] to enter the sound setup mode.
The tone settings menu is displayed.



[fm menu tone_BYOM]

- EQ (Equalizer) mode: Select or turn off the sound style (Manual ↔ Pop ↔ Rock ↔ Country ↔ Classical ↔ Talk) by using [< / >].
- Press [- / +] to select the desired sound style manually.
- Bass: Adjust the bass level from -12 to +12.

- Mid (Midrange): Adjust the midrange level from -12 to +12.
- Treble: Adjust the treble level from -12 to +12.
- Fader: Adjust the front/rear speaker balance.
- Balance: Adjust the left/right speaker balance.
- Reset: Restore the initial settings values back to the default settings.

2. Press [OK].

Satellite Radio [Level 3]

Listening to XM radio [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [audio] on the home menu.
3. Press [Source ▼] on the screen.



[function_BYOM]

4. Press [XM] on the screen.
The XM radio band of the most recent listened channel is displayed.



[xm_BYOM]

Note

Press [↩] to return to the HOME menu.

Category Up/Down [Level 4]

Repeatedly press [◀ Category ▶]. The previous or next category will be selected.

Channel Up/Down [Level 4]

Press [◀ Channel ▶]. The previous or next channel will be selected within the same category.

Hold down [◀ Channel ▶] to jump 4 channels backward/forward in the same category, and then release the button at the desired channel.

Searching for broadcasting by using the PRESET buttons [Level 4]

Saving PRESET buttons

1. Select the desired station.
2. Press [**< / >**] to select the desired page of saved favorites.



[xm preset_BYOM]

3. Hold down any of the PRESET buttons to save the current channel to that button of the selected favorites page.
 - Up to 7 favorites pages can be saved, and each page can store up to five channels.
 - To change a PRESET, simply tune to the new desired channel and hold the button.

Listening to PRESET button directly

1. Repeatedly press [**< / >**] to select the desired FAV (Favorites) page.
2. Press PRESET buttons to directly listen to the channel saved to that button.

Using the XM menu [Level 4]

General operation of the XM menu

1. Press [MENU] on the XM radio screen.



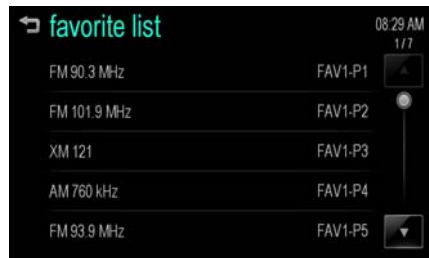
[xm menu_BYOM]

2. Press the desired menu to select the relevant item or to display the item's detailed menu.
3. Press [**↶**] to return to the previous menu.

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Favorite list (XM menu)

1. From the XM menu, press the [favorite list] to display the favorite list.
The favorite list information is displayed.

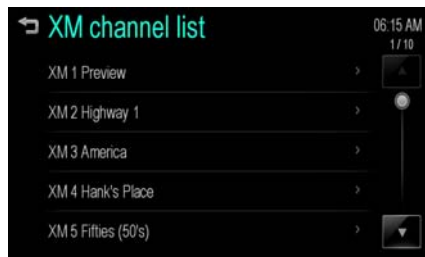


[fm menu favorite_BYOM]

2. Scroll through the list using [▲ / ▼].
Tune to the desired station by selecting it.

XM channel list (XM menu)

1. From the XM menu, press the [XM channel list] to display the XM channel list within the selected category.
The XM channel list within the selected category is displayed.



[XM channel list_BYOM]

2. Scroll through the list using [▲ / ▼].
Tune to the channel through desired category by selecting it.

XM category list (XM menu)

1. From the XM menu, press the [XM category list] to display the XM category list.
The XM category list information is displayed.



[XM category list_BYOM]

2. Scroll through the list using [▲ / ▼].
Tune to the desired channel by selecting it.

Direct access (XM menu)

1. From the XM menu, press [direct access] to display the XM channel directly.



[xm direct_BYOM]

2. Press the channel number to tune to the channel, and then press [OK]. The XM channel is displayed directly.

Tone settings (XM menu)

From [tone settings] menu, sound features can be setup differently according to the XM audio and each audio player's functions.

1. From the XM menu, press the [tone settings] to enter the sound setup mode.

The tone settings menu is displayed.



[fm menu tone_BYOM]

2. For details, refer to the “Tone settings (FM/AM menu)” on the page 17.

Audio/Picture/Movie system [Level 2]

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Audio system [Level 3]

The Infotainment system can play the music files contained in the USB storage device or iPod/iPhone products.

Before using Audio system [Level 4]

Caution for using MP3/WMA/OGG/WAV files

- This product can play music files with .mp3, .wma, .ogg, wav (lower case letters) or .MP3, .WMA, .OGG, WAV (capital letters) file name extensions.
- MP3 files that can be played by this product are as follows.
 - Bit rate: 8 kbps ~ 320 kbps
 - Sampling frequency: 48 kHz, 44.1 kHz, 32 kHz (for MPEG-1 audio layer-3), 24 kHz, 22.05 kHz, 16 kHz (for MPEG-2 audio layer-3)
- While this product can play files with a 8kbps ~ 320kbps bit rate, files with a bit rate above 128kbps will result in higher quality sound.

- This product can display ID3 Tag (Version 1.0, 1.1, 2.2, 2.3 or 2.4) information for MP3 files, such as the album name and the artist.
- To display album (disc title), track (track title), and artist (track artist) information, the file should be compatible with the ID3 Tag V1 and V2 formats.

Cautions for using USB storage devices and iPod/iPhone

- Operation cannot be guaranteed if the HDD built-in USB mass storage device or CF or SD memory card is connected by using a USB adaptor. Use a USB or flash memory type storage device.
- Take caution to avoid static electricity discharge when connecting or disconnecting the USB. If connection and disconnection are repeated many times in a short time, this may cause a problem in using the device.
- Operation is not guaranteed if the connecting terminal of the USB device is not metal.

- Connection with i-Stick Type USB storage devices may be faulty due to vehicle vibration, so their operation cannot be guaranteed.
- Be careful not to touch the USB connecting terminal with an object or any part of your body.
- The USB storage device can only be recognized when it is formatted in FAT16/32, exFAT file system. NTFS and other file systems cannot be recognized.
- According to the type and capacity of the USB storage device and the type of the stored file, the time it takes to recognize the files may differ. This is not a problem with the product in this case, so please wait for the files to be processed.
- Files in some USB storage devices may not be recognized due to compatibility problems
- The Infotainment system **can play up** to USB 2 ea and iPod 1 ea via USB hub. All devices may not be supported depending on the performance of USB HUB. If the power supply is not enough, it may not be operated normally.
- Do not disconnect the USB storage device while it is being played. This may cause damage to the product or the performance of the USB device.
- Disconnect the connected USB storage device when the vehicle ignition is turned off. If the ignition is turned on while the USB storage device is connected, the USB storage device may be damaged or may not operate normally in some cases.
- USB storage devices can only be connected to this product for the purpose of playing music/movie, viewing photo files, or upgrading.
- The product's USB terminal should not be used to charge USB accessory equipment since the heat generation using the USB terminal may cause performance issues or damage to the product.
- When the logical drive is separated from a mass USB storage device, only the files from the top-level logical drive can be played for USB music files. This is the reason that the music files to be played should be stored in the top-level drive of the device. Music files in particular USB storage devices may also not be normally played if an application is loaded by partitioning a separate drive inside the USB device.
- Music files to which DRM (Digital Right Management) is applied cannot be played.
- This product can support USB storage devices that are in capacity with a limit of 2500 music files, 2500 photo files, 250 movie files, 2500 folders, and 10 stages of folder structure. Normal usage cannot be guaranteed for storage devices that exceed this limit.
The iPod/iPhone can play all music files supported. But the music file lists are displayed up to 2500 files on the screen in alphabet order.

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- The iPod/iPhone product models that are connected/supported by this Infotainment system are as follows.
 - iPod 2G Nano/iPod 3G Nano/iPod 4G & 5G Nano
 - iPod 120GB & 160GB Classic
 - iPod 1G, 2G, & 3G Touch
 - iPhone 3G & 3GS
 - iPhone 4/4S
- Only connect the iPod/iPhone with connection cables supported by iPod/iPhone products. Other connection cables cannot be used.
- In some rare cases, the iPod/iPhone product may be damaged if the ignition is turned off when it is connected to the product. When the iPod/iPhone product is not being used, keep it separately from this product with the car ignition turned off.
- When the iPod/iPhone is connected to the USB port by using the iPod/iPhone cable, the Bluetooth music is not supported.
- Connect the iPod/iPhone to the USB port by using the iPod/iPhone cable to play the music file of iPod/iPhone. When the iPod/iPhone is connected to the AUX input terminal, the music file is not played.
- Connect the iPod/iPhone to the AUX input terminal by using the AUX cable for iPod/iPhone to play the movie file of iPod/iPhone. When the iPod/iPhone is connected to the USB port, the movie file is not played.
- The playback functions and the information display items of the iPod/iPhone used with this Infotainment system may be different from the iPod/iPhone in terms of play order, method, and the information displayed.

- Refer to the following table for the classification items related to the search function provided by the iPod/iPhone product.

	Step 1	Step 2	Step 3	Step 4
Playlists	Playlists	Songs		
Artists	Artists	Albums	Songs	
Albums	Albums	Songs		
Songs	Songs			
Genres	Genres	Artists	Albums	Songs
Composer	Composer	Albums	Songs	
Audiobooks	Songs			

[iPod table_BYOM]

USB player [Level 4]

Playing music files of USB storage device

Connect the USB storage device containing the music file to the USB port.

- Once the Infotainment system finishes reading the information on the USB storage device, it will automatically played.
- If a non-readable USB storage device is connected, then an error message will appear and the Infotainment system will automatically switch to the previous audio function.



[USB play_BYOM]

Note

If the USB storage device is already connected, press [HOME (🏠)] > [audio] > [Source ▼] > [USB] to play the USB music files.

Ending the USB music files playback

1. Press [Source ▼].
2. Select other function by pressing the [AM], [FM], [XM], [AUX] or [Bluetooth].

Note

If the user want to remove the USB storage device, Select other function, and then remove the USB storage device.

Pause

Press [⏸] during playback.

Press [▶] to resume playback..

Playing the next file

Press [▶▶] to play the next file.

Playing the previous file

Press [◀◀] within 5 seconds of playback time to play the previous file.

Returning to the beginning of the current file


Press [◀◀] after 5 seconds of playback time.

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Scanning forward or backward


Hold down [◀] / [▶] during playback to rewind or fast-forward. Release the button to resume playback at normal speed.

Playing file repeatedly

Press  during playback.

- [1]: Plays repeatedly the current file.
- [ALL]: Plays repeatedly all files.
- [OFF]: Returns to the normal playback.

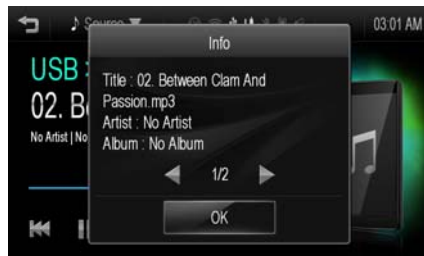
Playing file randomly

Press  during playback.

- ON: Plays randomly all files.
- OFF: Returns to the normal playback.

Viewing information on playing file

Press the title during playback to the display information about the file being played.



[USB info_BYOM]

- The information displayed includes the title, file name, folder name, and artist/album saved with the song.
- Incorrect information cannot be modified or corrected on the Infotainment system.
- The information for songs expressed in special symbols or in unavailable languages may be displayed as "□".

Using the USB music menu

1. Press [MENU] during playback. The number of relevant songs is displayed by all songs/ folders/ artists/ albums/ genres.



[USB menu_BYOM]

2. Press the desired play mode.

Tone settings

1. Press [MENU] during playback.
2. Scroll through the list using [▲ / ▼].
Press [tone settings].



[fm menu tone_BYOM]

3. For details, refer to the “Tone settings (FM/AM menu)” on the page 17.

iPod/iPhone player [Level 4]

Limited to models supporting the iPod/iPhone connection

Playing music files of iPod/iPhone

Connect the iPod/iPhone containing the music file to the USB port.

- Once the Infotainment system finishes reading the information on the USB storage device, it will automatically played from the previously played point.
- If a non-readable iPod/iPhone device is connected, then the relevant error message will appear and the Infotainment system will automatically switch to the previous audio function.



[iPod play_BYOM]

Note

If the iPod/iPhone is already connected, press [HOME (🏠)] > [audio] > [Source ▼] > [iPod] to play the iPod/iPhone.

Ending the iPod/iPhone playback

1. Press [Source ▼].
2. Select other function by pressing the [AM], [FM], [XM], [AUX] or [Bluetooth].

Note

If the user want to remove the iPod/iPhone, Select other function, and then remove the iPod/iPhone.

Pause

Press [II] during playback.

Press [▶] to resume playback.

Playing the next song

Press [▶▶] to play the next song.

Playing the previous song

Press [◀◀] within 2 seconds of playback time to play the previous song.


Returning to the beginning of the current song

Press [◀◀] after 2 seconds of playback time.

Scanning forward or backward


Hold down [◀◀] / [▶▶] during playback to rewind or fast-forward. Release the button to resume playback at normal speed.

Playing file repeatedly

Press  during playback.

- [1]: Plays repeatedly the current file.
- [ALL]: Plays repeatedly all files.
- [OFF]: Returns to the normal playback.

Playing file randomly

Press  during playback.

- ON: Plays randomly all files.
- OFF: Returns to the normal playback.

Viewing information on playing song

Press the title during playback to the display information about the song being played.

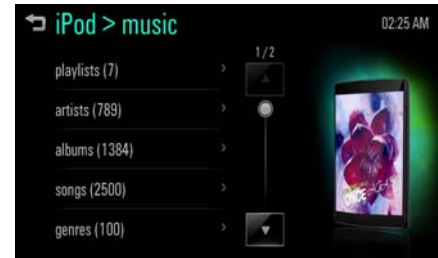


[iPod info_BYOM]

- The information displayed includes the title and artist/album saved with the song.
- Incorrect information cannot be modified or corrected on the Infotainment system.
- The information for songs expressed in special symbols or in unavailable languages may be displayed as “□”.

Using the iPod menu

1. Press [MENU] during playback. The number of relevant songs is displayed by playlists/ artists/ albums/ songs/ genres/ composer/ audiobooks.



[iPod menu_BYOM]

2. Press the desired play mode.

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Tone settings

1. Press [MENU] during playback.
2. Scroll through the list using [▲ / ▼].
Press [tone settings].



[fm menu tone_BYOM]

3. For details, refer to the “Tone settings (FM/AM menu)” on the page 17.

Picture system [Level 3]

The Infotainment system can view picture files contained in the USB storage device.

Before using Picture system [Level 4]

Caution for using picture files

- File size:
 - JPG:
 - within 64 to 5000 pixels (Width)
 - within 64 to 5000 pixels (Height)
 - BMP, PNG, GIF:
 - within 64 to 1024 pixels (Width)
 - within 64 to 1024 pixels (Height)
- File extensions: “*.jpg”, “*.bmp”, “*.png”, “*.gif” (not supported animated GIF)
- Some files may not operate due to a different recording format or the condition of file.

Viewing a picture [Level 4]

1. Connect the USB storage device containing the picture file to the USB port.
The picture will be viewed.



[usb picture_BYOM]

2. Press the screen to view to full screen. Press the screen again to return to the previous screen.

Note


- If the USB storage device is already connected, press [HOME (🏠)] > [picture & movie] > [Source ▼] > [USB (picture)] to view the picture file.

- For your safety, some features are disabled while your vehicle is in motion.





[usb picture_no_BYOM]

Viewing slide show [Level 4]



From the picture screen, press .

- The slideshow will be played
- Press the screen to cancel the slide show during slide show playback.


Viewing a previous or next picture [Level 4]

From the picture screen, press  or  to view previous or next picture.

Rotating a picture [Level 4]

From the picture screen, press  or  to rotate the picture clockwise or counter clockwise.

Enlarging a picture [Level 4]

From the picture screen, press  to enlarge the picture.

Using the USB picture menu [Level 4]


1. From the picture screen, press [MENU]. The USB picture menu is displayed.



[USB picture menu_BYOM]

2. Press the desired menu.
 - [picture file list]: Displays all picture file list.
 - [sort by title]: Displays pictures in title order.
 - [sort by date]: Displays pictures in date order.
 - [slide show time]: Select the slide show interval.
 - [Clock/temp display]: To display the clock and temperature on the full screen, select On or Off.

- [display setting]: Adjust the Brightness and Contrast.

3. After the setting is complete, press .

Movie system [Level 3]

The Infotainment system can play movie files contained in the USB storage device.

Before using Movie system [Level 4]

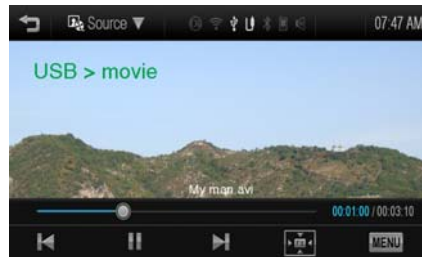
Caution for using movie files

- Available resolution: within 720 x 576 (W x H) pixels.
- Frame rate: less than 30 fps.
- Playable movie file: “.avi”, “.mpg”, “.mp4”, “.divx”, “.xvid”, “.wmv”
The playable movie file may not be played according to the codec format.
- Playable Codec format: divx, xvid, mpeg-1, mpeg-4 (mpg4, mp42, mp43), wmv9 (wmv3)
- Playable Audio format: “MP3”, “AC3”, “AAC”, “WMA”
- Max Video Bitrate:
 - mpeg-1: 8Mbps
 - mpeg-4 (mpg4, mp42, mp43): 4Mbps
 - wmv9: 3 Mbps
 - divx 3: 3 Mbps
 - divx 4/5/6: 4.8 Mbps
 - xvid: 4.5 Mbps

- Max Audio Bitrate:
 - mp3: 320 Kbps
 - wma: 320 Kbps
 - ac-3: 640 Kbps
 - aac: 449 Kbps
- Movie files to which DRM (Digital Right Management) is applied may not be played.

Playing a movie file [Level 4]

1. Connect the USB storage device containing the movie file to the USB port.
The movie will be played.



[USB movie_BYOM]

2. Press the screen to view to full screen. Press the screen again to return to the previous screen.

Note

- If the USB storage device is already connected, press [HOME (🏠)] > [picture & movie] > [Source ▼] > [USB (movie)] to play the movie file.
- Movie is not available while driving. (Based on the traffic regulation, Movie is only available whenever vehicle is parked.)



[USB movie no_BYOM]

Pause [Level 4]

Press [⏸] during playback.

Press [▶] to resume playback.

Playing the next movie [Level 4]

Press [▶] to play the next movie.

Playing the previous movie [Level 4]

Press [◀] within 5 seconds of playback time to play the previous movie.

Returning to the beginning of the current movie [Level 4]

Press [◀] after 5 seconds of playback time.

Scanning forward or backward [Level 4]

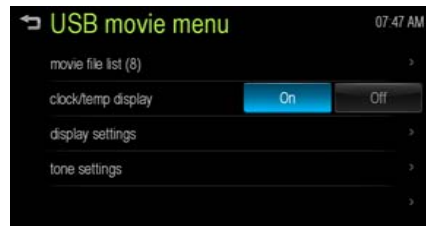
Hold down [◀] / [▶] during playback to rewind or fast-forward. Release the button to resume playback at normal speed.

Viewing to full screen [Level 4]

From the movie screen, press [⏏] to view to full screen. Press [⏏] again to return to the previous screen.

Using the USB movie menu [Level 4]

1. From the movie screen, press [MENU]. The USB movie menu is displayed.



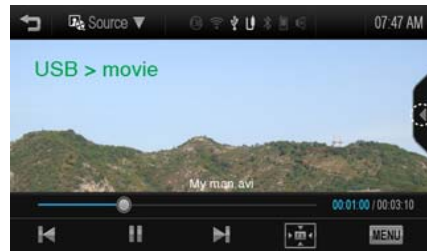
[USB movie menu_BYOM]

2. Press the desired menu.
 - [movie file list]: Displays all movie file list.
 - [clock/temp display]: To display the clock and temperature on the full screen, select On or Off.
 - [display setting]: Adjust the Brightness and Contrast.
 - [tone settings]: Adjust the sound setup. For details, refer to the "Tone settings (FM/AM menu)" on the page 17.
3. After the setting is complete, press [↵].

Subtitle language [Level 4]

If the movie file has a subtitle language, the user can see the subtitle language.

1. From the movie screen, press [◀].



[usb movie language_BYOM]

2. Press [◀] or [▶].



[usb movie language_sub_BYOM]

3. Press [▶].

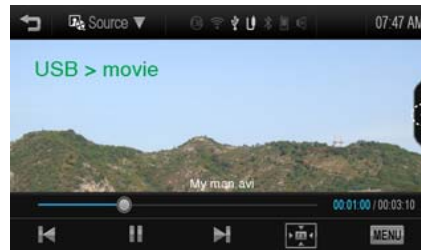
Note

If there is only one subtitle language, the user can set the subtitle language to On/Off.

Audio language [Level 4]

If the movie file has an audio language, the user can hear the audio language.

1. From the movie screen, press [◀].



[usb movie language_BYOM]

2. Press [◀] or [▶].



[usb movie language_audio_BYOM]

3. Press [▶].

Note

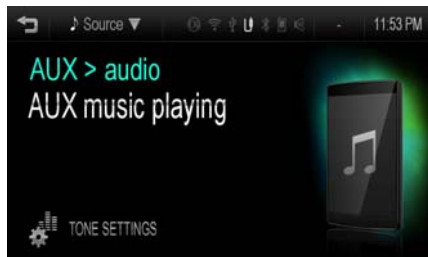
- If there is only one audio language, the user can not set the audio language.
- The user can set the audio language only when the movie file is the Dix File.

Auxiliary device system [Level 3]

The Infotainment system can play exterior music or movies connected by the auxiliary device.

Playing music source of auxiliary device [Level 4]

Connect the auxiliary device containing music source to the AUX input terminal. Once the Infotainment system finishes reading the information on the auxiliary device, **it will automatically play.**



[aux audio_BYOM]

Note

If the USB storage device is already connected, press [HOME (🏠)] > [audio] > [Source ▼] > [AUX] to play music source of auxiliary device.

Tone settings

1. Press [MENU] during playback.
2. Press [TONE SETTINGS].

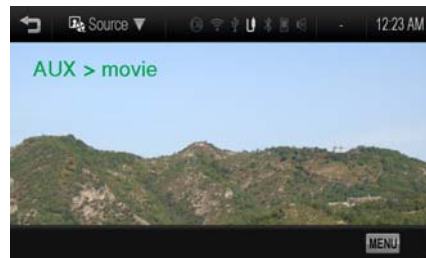


[fm menu tone_BYOM]

3. For details, refer to the “Tone settings (FM/AM menu)” on the page 17.

Playing movie of auxiliary device [Level 4]

Connect the auxiliary device containing movie source to the AUX input terminal. Once the Infotainment system finishes reading the information on the auxiliary device, **it will automatically play.**

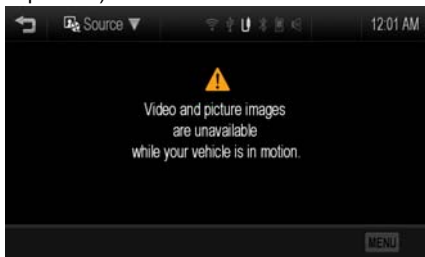


[aux movie_BYOM]

Note

- If the USB storage device is already connected, press [HOME (🏠)] > [picture & movie] > [Source ▼] > [AUX (movie)] to play movie of auxiliary device.
- In case of the iPod/iPhone, connect the iPod/iPhone to the AUX input terminal by using the AUX cable for iPod/iPhone to play the movie file of iPod/iPhone.

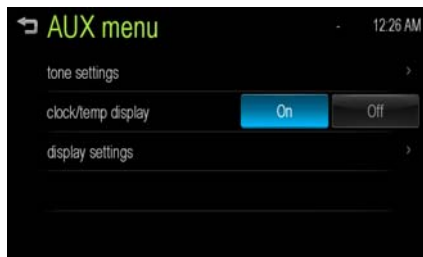
- Movie is not available while driving.
(Based on the traffic regulation, Movie is only available whenever vehicle is parked.)



[AUX movie no_BYOM]

Using the AUX movie menu

1. From the AUX movie screen, press [MENU]. The AUX menu is displayed.



[aux movie menu_BYOM]

2. Press the desired menu.
 - [tone settings]: Adjust the sound setup. For details, refer to the “Tone settings (FM/AM menu)” on the page 17.
 - [clock/temp display]: To display the clock and temperature on the full screen, select On or Off.
 - [display setting]: Adjust the brightness and contrast.
3. After the setting is complete, press [↵].

Personalization [Level 2]

Personalization 39

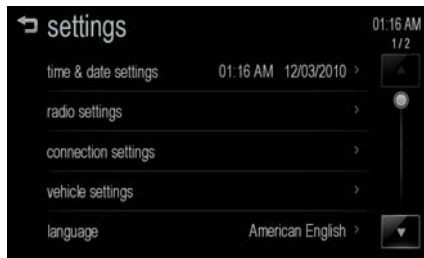
Settings menu39

Personalization [Level 3]

General operation of the settings menu [Level 4]

The Infotainment system can be customized to make it easier for you to use.

1. Press [HOME (🏠)] on the control panel.
2. Press [settings].



[settings main_BYOM]

3. Select the desired setting value.

Note

Settings menus and functions may vary depending on your vehicle option.

Settings menu [Level 3]

time & date settings [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] > [time & date settings].



[settings time_BYOM]

- [set time format]: Select 12h or 24h time display.
- [set date format]: Set the date display format.
 - [YYYY/MM/DD]: 2012 Jan. 23
 - [DD/MM/YYYY]: 23 Jan. 2012
 - [MM/DD/YYYY]: Jan. 23, 2012
- [set time & date]: Manually set the current hours, minutes and year/ month/ date by pressing [^ / ∨], and then press [OK].

- [automatic clock sync]: Press [On] to display the real time of the Infotainment system. Press [Off] to display the time the user set. If you want to display the time the user set.

Note

Set the time first to display the time set by the user.

radio settings [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] > [radio settings].



[settings radio_BYOM]

- [auto volume]: Control automatically the volume according to the speed of the vehicle. Set Off/ Low/ Medium/ High.

- [radio tune bar]: To view the station tune bar for selecting a station, select On or Off.
- [radio text]: To view broadcasted radio text, select On or Off.
- [XM categories]: Select XM categories.
- [radio factory settings]: Restore the initial setup values back to the factory default settings.

connection settings [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] > [connection settings].



[settings connection wi-fi_BYOM]

- [bluetooth settings]: Moves to the bluetooth settings menu.
 - [pair device]: Select the desired device and connect/ separate or delete.
 - [change PIN code]: Manually change/set the PIN code.
 - [discoverable]: To execute the Bluetooth connection from your Bluetooth phone, select On or Off.
 - [device info]: Check the device information.
- [change ringtone]: Select the desired ringtone.
- [ringtone volume]: Change the ringtone volume.
- [Wi-Fi settings]: Set the Wi-Fi to operate the MirrorLink.
 - [Station mode]: Select On or Off.
 - [Wi-Fi list]: Displays the Wi-Fi list when the user set the [Station mode] to [On].
 - [AP mode]: Select On or Off.
 - [AP mode edit]: Change the SSID and the PW (Password).

41 Infotainment System

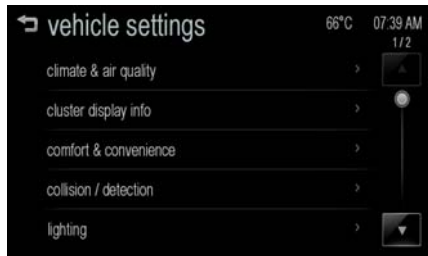
vehicle settings [Level 4]

When the ignition switch (car ignition key) is in the ON position and the speed of the vehicle is zero, the user can use the [vehicle settings] menu. If your vehicle is moved while operating the [vehicle settings] menu, the menu is switched to [Setting] menu and the [vehicle settings] menu is disabled.

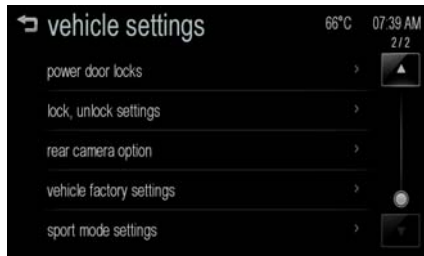
Note

The [vehicle settings] menu may vary depending on your vehicle option.

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] > [Vehicle settings].



[settings vehicle first_BYOM]



[settings vehicle second_BYOM]

3. Scroll through the list using [▲ / ▼]. Press the desired item.
 - [climate & air quality]:
 - [auto fan speed]: Select Low/ Medium/ High.
 - [auto compartment zone temp]: Select Single Zone/ Dual Zone/ Last Setting.
 - [rear zone temp]: Select Rear Off/ Rear Mimic Front/ Rear Last Known.
 - [air quality sensor]: Select Off/ Low Sensitivity/ High Sensitivity.
 - [air conditioning mode]: Select Off/ On/ Last Setting.
 - [auto defog]: Select On or Off.
 - [auto rear defog]: Select On or Off.
 - [auto cooled vented seats]: Select On or Off.
 - [auto heated seats]: Select On or Off.
 - [remote start auto seat cool]: Select On or Off.

- [remote start heated seats]: Select On or Off.
- [cluster display info]:
 - [cluster eco telltale]: Select On or Off.
- [comfort & convenience]:
 - [chime volume]: Select Normal or High.
 - [easy exit steering column]: Select Off/ On-Column in/ On-Column up/ On-Column in & up.
 - [easy exit driver seat]: Select On or Off.
 - [easy exit driver seat]: Select On or Off.
 - [auto parking mirror tilt]: Select On or Off.
 - [personalization by driver]: Select On or Off.
 - [auto wipe in reverse gear]: Select On or Off.
- [collision / detection]:
 - [park assist]: Select On or Off.
 - [towbar attached]: Select Off/ On/ towbar attached.
 - [side blind zone alert]: Select On or Off.
- [lighting]:
 - [exit lighting]: Off/ 30 Sec/ 60 Sec / 120 Sec.
 - [vehicle locator lights]: Select On or Off.

- [power door locks]:
 - [auto door unlock]: Select Off/ Driver Door/ All Doors.
 - [auto door lock]: Select On or Off.
 - [unlocked door anti lock out]: Select On or Off.
 - [delayed door lock]: Select On or Off.
- [lock, unlock settings]:
 - [passive entry unlock]: Select All Doors/ Driver Door.
 - [passive entry lock]: Select Off/ On/ On with active chirp.
 - [sliding door selection]: Select Courtesy/ Security.
 - [remote unlock light feedback]: Select Flash Lights/ Lights off.
 - [remote lock light & horn feedback]: Select Lights Only/ Lights & Horn/ Horn Only/ Off.
 - [remote door unlock]: All Doors/ Driver Door.
 - [relock remotely unlocked doors]: Select On or Off.
 - [relock unlocked door]: Select On or Off.
 - [memory remote recall]: Select On or Off.
 - [remote start]: Select On or Off.
 - [remote left in vehicle reminder]: Select On or Off.
- [rear camera option]
 - This menu is displayed only when the RVC (Rear View Camera) is installed on your vehicle.
 - [guidelines]: Select On or Off.
- [vehicle factory settings]: Restore the initial setup values back to the factory default settings.
- [sport mode settings]:
 - [sport suspension]: Select On or Off.
 - [powertrain performance]: Select On or Off.
 - [sport steering]: Select On or Off.
 - [all wheel drive]: Select On or Off.
 - [instrument lighting]: Select On or Off.

language [Level 4]

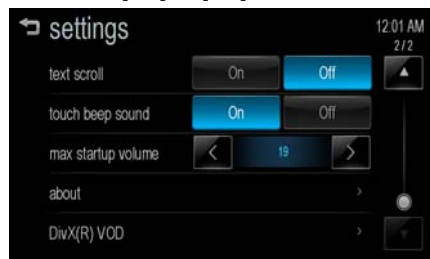
1. Press [HOME (🏠)] on the control panel.
2. Press [settings] > [language].
3. Select language displayed on the Infotainment system.



[settings language_BYOM]

text scroll [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings].
3. Press [▼].
4. Select [On] or [Off].



[settings text_BYOM]

- [On]: If there is displayed long text on the [audio] screen, the text is scrolled.
- [Off]: The text is scrolled once and displayed in truncated form.

touch beep volume [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings].
3. Press [▼].
4. Select [On] or [Off].



[settings text_BYOM]

- [On]: Plays a beep sound when the user press the screen.
- [Off]: Cancels a beep sound function.

max startup volume [Level 4]

The volume level is output by volume value the user set when the Infotainment system is turned on.

1. Press [HOME (🏠)] on the control panel.
2. Press [settings].
3. Press [▼].
4. Select [9 ~ 21].



[settings text_BYOM]

system version / legal information [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings].
3. Press [▼].

4. Press [about].



[settings about_BYOM]

5. Select [system version] or [legal information].

- [system version]: Check the system version.
- [legal information]: Check the information related with Open source.

DivX® VOD [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings].
3. Press [▼].
4. Select [DivX® VOD].



[settings divx_BYOM]

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON DEMAND:

This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

Phone [Level 2]

Limited to models supporting the Bluetooth connection

Bluetooth45

Hands-free phone53

Bluetooth [Level 3]

Understanding Bluetooth wireless technology [Level 4]

Bluetooth wireless technology establishes a wireless link between two devices supported with Bluetooth. After the initial pairing, the two devices can connect automatically each time you turn them on. Bluetooth allows wireless transmission of information among Bluetooth phones, PDAs, or other devices within close ranges by using 2.45Ghz frequency short-distance wireless telecommunication technologies. Within this vehicle, users can make handsfree calls, transmit handsfree data, and play audio streaming files by connecting a mobile phone with the system.

Note

- There may be restrictions on using Bluetooth wireless technology in some locations.
- Due to the variety of Bluetooth devices and their firmware versions, your device may respond differently when performing over Bluetooth.
- Any inquiries regarding your phone's Bluetooth functionality, refer to the device manual.

Pairing and connecting Bluetooth [Level 4]

To use the Bluetooth feature, make sure the Bluetooth on your device is turned on. Refer to user guide of Bluetooth device.

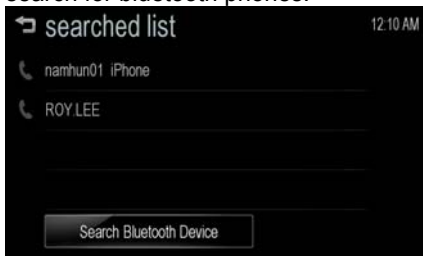
When there is no paired device on the Infotainment system and the SSP(Simple Secure Pairing) is supported

1. Press [HOME (🏠)] on the control panel.
2. Press [telephone] on the home menu, and then press [Yes].



[bt no pair_BYOM]

3. Press [Search Bluetooth Device] to search for bluetooth phones.



[bt searched list_BYOM]

4. Press the desired device to pair on the searched list screen.



[bt searched popup_BYOM]

5. Press [Yes] on the pop-up screen of the your Bluetooth device and Infotainment system.

6. When your Bluetooth device and Infotainment system is successfully paired, the "telephone" screen is displayed on the Infotainment system.



[bt main screen_BYOM]

When the connection fails, failure message is displayed on the Infotainment system.

Note

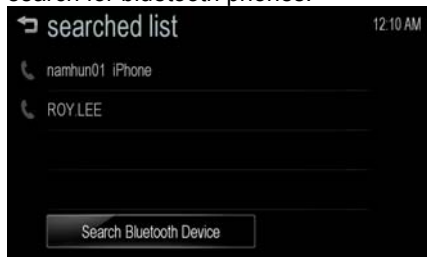
- When your Bluetooth device and Infotainment system is successfully paired, the phone book is downloaded automatically. But the phone book may not be downloaded automatically according to the type of the phone. In this case, proceed with the phonebook download on your phone.

47 Infotainment System

- If there is a connected Bluetooth device previously, the Infotainment system executes the auto connection. But if the Bluetooth setting on your Bluetooth device is turned off, failure message is displayed on the Infotainment system

When there is a paired device on the Infotainment system and the SSP (Simple Secure Pairing) is supported

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] on the home menu.
3. Press [connection settings] > [bluetooth settings] > [pair device].
4. Press [Search Bluetooth Device] to search for bluetooth phones.




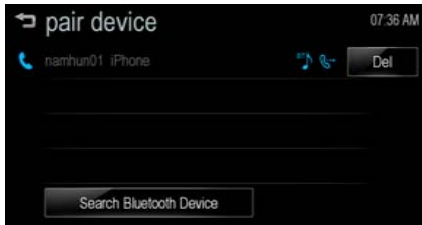
[bt searched list_BYOM]

5. Press the desired device to pair on the searched list screen.







[bt searched popup_BYOM]

6. Press [Yes] on the pop-up screen of the Bluetooth device and Infotainment system.
7. When your Bluetooth device and the Infotainment system is successfully paired, the  is displayed on the "pair device" screen.



[bt pair device_BYOM]

- The connected phone is highlighted by  mark.
- The  mark indicates the handsfree and phone music function are enabled.
- The  mark indicates only handsfree function is enabled.
- The  mark indicates only Bluetooth music is enabled.

Note

- When your Bluetooth device and Infotainment system is successfully paired, the phone book is downloaded automatically. But the phone book may not be downloaded automatically according to the type of the phone. In this case, proceed with the phonebook download on your phone.
- The Infotainment system can register up to five Bluetooth devices.
- When the connection fails, failure message is displayed on the Infotainment system.

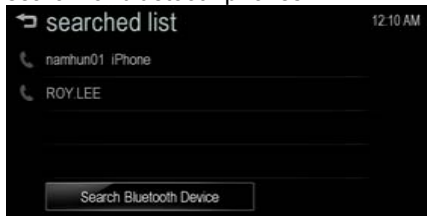
When there is no paired device on the Infotainment system and the SSP(Simple Secure Pairing) is not supported

1. Press [HOME (🏠)] on the control panel.
2. Press [telephone] on the home menu, and then press [Yes].



[bt no pair_BYOM]

3. Press [Search Bluetooth Device] to search for bluetooth phones.



[bt searched list_BYOM]

4. Press the desired device to pair on the searched list screen.



[bt pincode_BYOM]

5. Input the PIN code (default: 1234) to your Bluetooth device. When your Bluetooth device and Infotainment system is successfully paired, the "telephone" screen is displayed on the Infotainment system.



[bt main screen_BYOM]


When the connection fails, failure message is displayed on the Infotainment system.

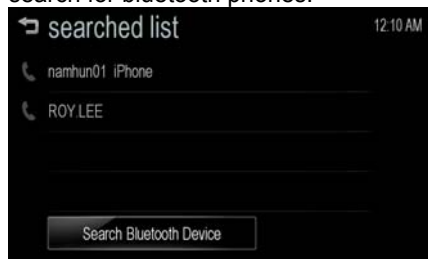
Note

- When your Bluetooth device and Infotainment system is successfully paired, the phone book is downloaded automatically. But the phone book may not be downloaded automatically according to the type of the phone. In this case, proceed with the phonebook download on your phone.
- If there is a connected Bluetooth device previously, the Infotainment system executes the auto connection. But if the Bluetooth setting on your Bluetooth device is turned off, failure message is displayed on the Infotainment system

49 Infotainment System

When there is a paired device on the Infotainment system and the SSP(Simple Secure Pairing) is not supported

1. Press [HOME ()] on the control panel.
2. Press [settings] on the home menu.
3. Press [connection settings] > [bluetooth settings] > [pair device].
4. Press [Search Bluetooth Device] to search for bluetooth phones.




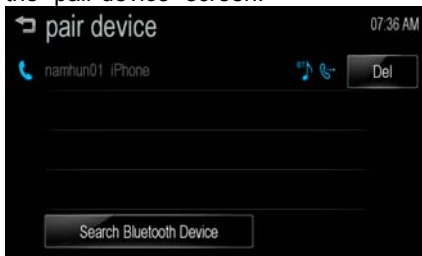
[bt searched_list_BYOM]

5. Press the desired device to pair on the searched list screen.







[bt pincode_BYOM]

6. Input the PIN code (default: 1234) to your Bluetooth device. When your Bluetooth device and Infotainment system is successfully paired,, the  is displayed on the "pair device" screen.




[bt pair_device_BYOM]

- The connected phone is highlighted by [] mark.
- The  mark indicates the handsfree and phone music function are enabled.
- The  mark indicates only handsfree function is enabled.
- The  mark indicates only Bluetooth music is enabled.

Note

- When your Bluetooth device and Infotainment system is successfully paired, the phone book is downloaded automatically. But the phone book may not be downloaded automatically according to the type of the phone. In this case, proceed with the phonebook download on your phone.
- The Infotainment system can register up to five Bluetooth devices.
- When the connection fails, failure message is displayed on the Infotainment system.

Checking the connected Bluetooth device [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] on the home menu.
3. Press [connection settings] > [bluetooth settings] > [pair device].
4. Paired device will be shown with a  if connected.



[bt pair device_BYOM]

Disconnecting the Bluetooth Device [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] on the home menu.
3. Press [connection settings] > [bluetooth settings] > [pair device].
4. Press the name of the device you wish to disconnect.



[bt disconnect_BYOM]

5. Press [OK].

Connecting the Bluetooth Device [Level 4]

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] on the home menu.
3. Press [connection settings] > [bluetooth settings] > [pair device].
4. Press the device you wish to pair.



[bt connect_BYOM]

5. Press [OK].

Deleting the Bluetooth Device [Level 4]

If you no longer need to use the Bluetooth device, you can delete it.

1. Press [HOME (🏠)] on the control panel.
2. Press [settings] on the home menu.
3. Press [connection settings] > [bluetooth settings] > [pair device].
4. Press [Del].



[bt del_BYOM]

5. Press [Yes].

Bluetooth music [Level 4]

Before playing Bluetooth music

- A mobile phone or Bluetooth device that supports A2DP (Advanced Audio Distribution Profile) versions over 1.2 must be registered and connected to the product.
 - From the mobile phone or Bluetooth device, find the Bluetooth device type to set/connect the item as a stereo headset.
 - A musical note icon [♪] will appear on the screen if the stereo headset is successfully connected.
 - The sound played by the Bluetooth device is delivered through the Infotainment system.
 - Bluetooth music can be played only when a Bluetooth device has been connected. To play Bluetooth music, connect the Bluetooth phone to the Infotainment system.
- If the Bluetooth is disconnected while playing phone music, the music is discontinued. The audio streaming function may not be supported in some Bluetooth phones. Only one function can be used at a time between the Bluetooth handsfree or Phone music function. For example, if you convert to the Bluetooth handsfree while playing Phone music, the music is discontinued. Playing music from the car is not possible when there are no music files stored in the mobile phone.
 - For Bluetooth music to play, the music must at least be played once from the music player mode of the mobile phone or Bluetooth device after connecting as a stereo headset. After being played at least once, the music player will automatically play upon entering play mode, and it will automatically stop when the music player mode ends. If the mobile phone or Bluetooth device is not in the waiting screen mode, some devices may not automatically play in Bluetooth music play mode.

Playing Bluetooth music

1. Press [HOME (🏠)] on the control panel.
2. Press [audio] on the home menu.
3. Press [source ▼] on the screen.
4. Press [Bluetooth] to select the connected Bluetooth music play mode.



[bt audio_BYOM]

Note

If the Bluetooth device is not connected, then this function cannot be selected.

Pause

Press [▶||] during playback. Press [▶||] again to resume playback.


Skipping the previous or next file

Press [◀◀] or [▶▶] to select the previous or next file.

Search

Hold down [◀◀] or [▶▶] to fast forward or rewind.

Playing file repeatedly

Press  during playback.

- [1]: Plays repeatedly the current file.
- [ALL]: Plays repeatedly all files.
- [OFF]: Returns to the normal playback.

Note

This function may not be supported depending on the mobile phone.

Playing file randomly

Press  during playback.

- [ON]: Plays randomly all files.
- [OFF]: Returns to the normal playback.

Note

This function may not be supported depending on the mobile phone.

Cautions for playing Bluetooth music

- Do not change the track too quickly when playing Bluetooth music.
- It takes some time to transmit data from the mobile phone to the Infotainment system.
- If the mobile phone or Bluetooth device is not in the waiting screen mode, it may not automatically play despite being carried out from the Bluetooth music play mode.

- The Infotainment system transmits the order to play from the mobile phone in the Bluetooth music play mode. If this is done in a different mode, then the device transmits the order to stop. Depending on the mobile phone's options, this order to play/stop may some take time to activate.
- If Bluetooth music playback is not functioning, then check to see if the mobile phone is in the waiting screen mode.
- Sometimes, sounds may be cut off during the Bluetooth music playback.
- The Infotainment system outputs the audio from the mobile phone or Bluetooth device as it is transmitted.

Hands-free phone [Level 3]

Making a call by entering phone number [Level 4]

1. Enter the phone number using the keypad on the "telephone" screen.



[bt main number_BYOM]

2. Press [⏏] on the screen or [🖱️] on the steering wheel remote control.

Note

If you press the wrong number, press [⏏] to delete the inputted number one digit at a time or press and hold [⏏] to delete the inputted number all digits.

Switching call to the mobile phone (Private Mode) [Level 4]


1. If you want to switch the call to the mobile phone instead of the car handsfree, press [📱📞].





[bt private_BYOM]

2. If you want to switch the call back to the handsfree, press [📱📞] again. The call is switched to the car handsfree.

Switching the microphone on/off [Level 4]

You can switch the microphone on/off by pressing .

Calling by Re-dial [Level 4]

From the steering wheel remote control, press  to display the redial guidance screen or hold down  on the "telephone" screen.

Note


Redialing is not possible when there is no call history.


Taking calls [Level 4]

1. When a phone call comes through the connected Bluetooth mobile phone, the playing track will be cut off and the phone will ring with the relevant information displayed.



[bt incoming call_BYOM]

2. To talk on the phone, press  on the steering wheel remote control or press [Accept] on the screen.

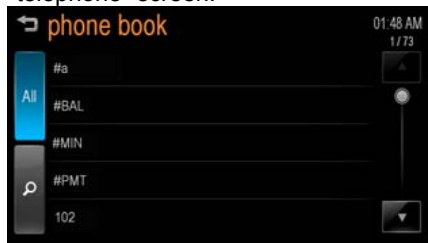
To reject the call, press the  on the steering wheel remote control or press [Reject] on the screen.



[bt phone calling_BYOM]

Using the Phone book menu [Level 4]

1. Press [Phone Book] on the "telephone" screen.



[bt phone book_BYOM]

2. Use [▲ / ▼] to scroll through the list.
3. Select the phone book entry you want to call.

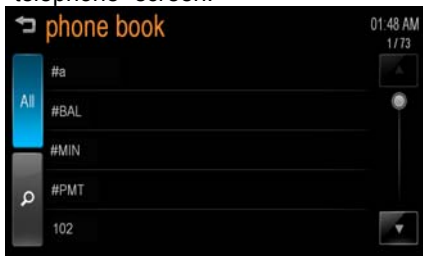


[bt phone call_BYOM]

4. Press the number to dial.

Searching for phone book entries [Level 4]

1. Press [Phone Book] on the "telephone" screen.



[bt phone book_BYOM]

2. Press [🔍] on the "phone book" screen.



[bt phone search_BYOM]

3. Use the keypad to input the name you want to search.
For details, refer to the "Searching for the name" on the page 56.
4. Select the phone book entry you want to call.



[bt phone search list_BYOM]

5. Press the number to dial.

Note

When your Bluetooth device and Infotainment system is successfully paired, the phone book is downloaded automatically. But the phone book may not be downloaded automatically according to the type of the phone. In this case, connect it again or proceed with the phonebook download on your phone.

Searching for the name

Ex) when the user search for the "alex" name

- Press [abc] to select the first character.
The names included "a", "b", or "c" characters are displayed on the "phone book" screen.
- Press [jkl] to select the second character.
The names included "j", "k", or "l" characters are displayed on the "phone book" screen.
- Press [def] to select the third character.
The names included "d", "e", or "f" characters are displayed on the "phone book" screen.
- Press [wxyz] to select the third character.
The names included "w", "x", "y", or "z" characters are displayed on the "phone book" screen.
- As more letters of the name are entered, the list of possible names is shortened.

Making a call from Call history [Level 4]

- Press [Call History] on the "telephone" screen.
- Press [↩], [✕], or [↪].



[bt call history_BYOM]

<Dialed Call>



[bt call history missed_BYOM]

<Missed Call>



[bt call history received_BYOM]

<Received Call>

- Select the phone book entry you want to call.

Making a call with speed dial numbers [Level 4]

Press and hold speed dial number using the keypad on the "telephone" screen.

Only speed dial numbers already stored on the mobile phone can be used for speed dial calls. Up to 2-digit speed dial numbers are supported.

For 2-digit speed dial numbers, press and hold the 2nd digit to make a call to the speed dial number.

Smartphone link [Level 2]

Pandora..... 60

Stitcher 64

Before using Smartphone link [Level 4]

Smartphone support by application

	Pandora	Stitcher
iPod/ iPhone	USB connection	USB connection
Android phone	Bluetooth wireless technology	Bluetooth wireless technology
Blackberry phone	Bluetooth wireless technology	NO

- In case of the iPhone, connect the iPhone through the USB port to **use Pandora and Stitcher.**
- In case of the Android phone, connect the Android phone and Infotainment system through Bluetooth wireless technology to **use Pandora and Stitcher.**
- In case of the Blackberry phone, connect the Blackberry phone and Infotainment system through Bluetooth wireless technology to **use Pandora.**

iPod/iPhone error messages and solution

If the Infotainment system fails to activate the application on your iPod/iPhone connected through USB port, the error message is displayed as follows.



[iPhone error message_BYOM]

- Your iPhone is locked. => Unlock Your iPhone.
- You have another active application open. => Close another active application.
- You haven't installed the application on your iPhone. => Install the application on your iPhone.

If iOS version of your iPhone is less than 4.0, the error message is displayed as follows.



[iPhone check manual_BYOM]

Activate the application on your iPhone, and then press the desired application menu on the Infotainment system.

If the Infotainment system fails to activate the application on your smartphone connected through Bluetooth wireless technology, the error message is displayed as follows.



[smart bt fail_BYOM]

- Reset all settings **related** with phone, and then press the desired application menu on the Infotainment system.
- **Reconnect** your smartphone and Infotainment system through Bluetooth wireless technology, and then press the desired application menu on the Infotainment system.

- When you stop the application on your smartphone, it usually takes some time to **return to normal operation**. **Try** to activate the application after about 10 ~ 20 seconds.

If you want to **switch to** **Stitcher** while **playing Pandora** on your iPod/iPhone connected through USB port, Move to the HOME menu by using the HOME (🏠) button of the iPod/iPhone, and then press [Stitcher] on the smartphone link menu of the Infotainment system.

If you want to **switch to** Pandora while **playing Stitcher** on your iPod/iPhone connected through USB port, Move to the HOME menu by using the HOME (🏠) button of the iPod/iPhone, and then press [Pandora] on the smartphone link menu of the Infotainment system.

When the iPhone is connected to the Infotainment system through the USB port **and the Infotainment system is** connected to another phone through Bluetooth wireless technology, **it is possible to switch between the two applications (iPhone and Bluetooth phone), using the smartphone list displayed on the screen.**

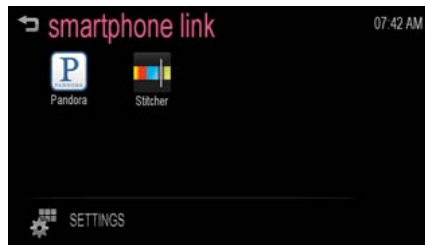


[smartphone list_BYOM]

Press [iPhone] or [bluetooth phone] to activate the application through the desired device.

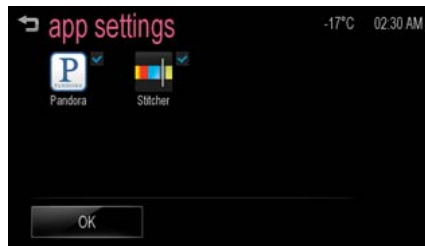
Displaying/Hiding application icons on the smartphone link menu

1. Press [HOME (🏠)] > [smartphone link]. The smartphone link menu is displayed.




[function smart_BYOM]

2. Press [SETTINGS]. The app settings menu is displayed.



[smart settings_BYOM]

3. Press the desired application icon to hide application icon shown on the smartphone link menu. Press the desired application icon to display application icon hidden on the smartphone link menu.
4. Press [OK].

If there is the activated application on the smartphone link menu, the  mark is activated the upper position of the HOME menu or playing screen.

Pandora [Level 3]

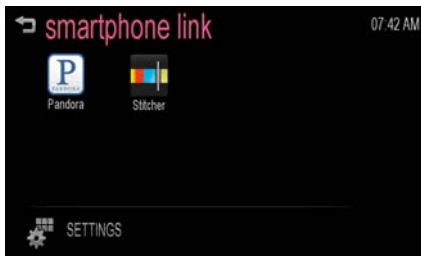
Some image and explanation may vary by phone operating systems, versions, and/or application (App) versions. This section explains a general operation.

Using the Pandora [Level 4]

Pandora is personalized internet radio that is designed to help you discover new music you'll love mixed in with music you already know. You can listen to Pandora on your smartphone. Enjoy all the stations you've created on the web.

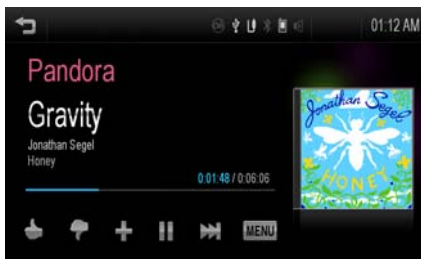
1. Install the Pandora application on your smartphone.
2. Connect your smartphone and the Infotainment system through the USB port or Bluetooth wireless technology.
 - iPhone: USB connection
 - Android phone/ Blackberry phone: Bluetooth wireless technology
3. Activate the Pandora application.

4. To play the Pandora through the Infotainment system, press [HOME (info)] > [smartphone link]. The smartphone link menu is displayed.



[function smart_BYOM]

5. Press [Pandora].
6. The Pandora screen is displayed.



[pandora playing_BYOM]

Note

If smartphone is not connected to the Infotainment system or application is not installed in the smartphone, the Pandora menu is not activated.

Thumbs up and thumbs down [Level 4]

You can rate **tracks** using thumbs up and thumbs down.

Press [thumbs up] or [thumbs down] on the Pandora screen.

Pause [Level 4]

Press [II] during playback.

Press [▶] to resume playback.

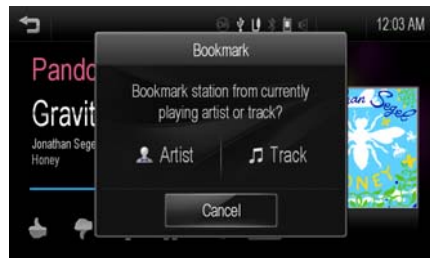
Moving to the next track [Level 4]

Press [▶▶] to move to the next **track**.

Bookmark [Level 4]

You can bookmark favorite **artist and track**.

1. Press **[+]** during playback.



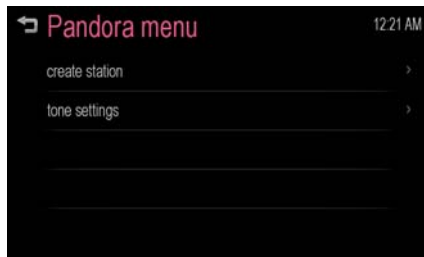
[pandora bookmark_BYOM]

2. Press [Artist] or **[Track]**.

Using the Pandora menu [Level 4]

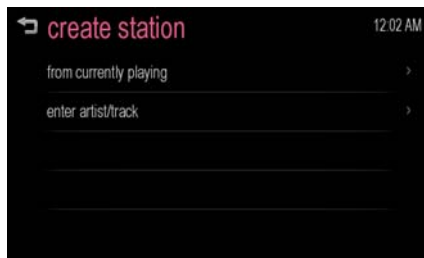
Creating stations from currently playing music

1. Press [MENU] during playback. The Pandora menu is displayed



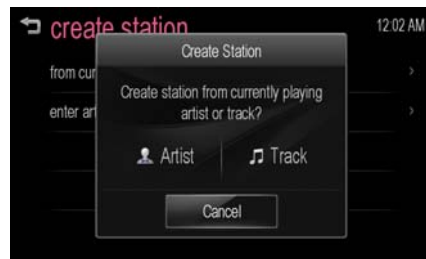
[pandora menu_BYOM]

2. Press [create station].



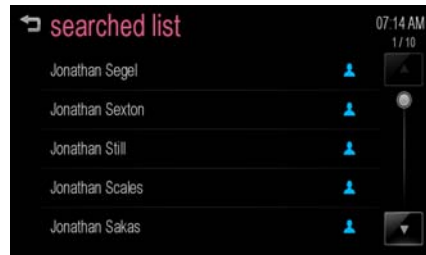
[pandora_Create_BYOM]

3. Press [from currently playing].



[pandora_Create Sub_BYOM]

4. Press [Artist] or **[Track]**.



[pandora_searched List_BYOM]

5. Press the desired station. The station is added in the Pandora menu automatically.

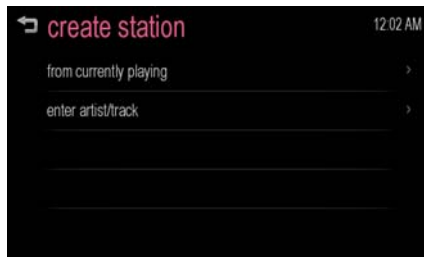
Creating stations by searching for artist or track

1. Press [MENU] during playback. The Pandora menu is displayed.



[pandora_menu_BYOM]

2. Press [create station].



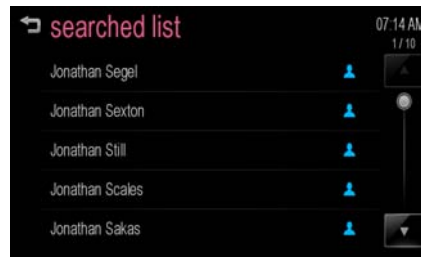
[pandora_Create_BYOM]

3. Press [enter artist/track].



[pandora_keypad_BYOM]

4. Enter the desired artist or track using the keypad, and then press [Create].

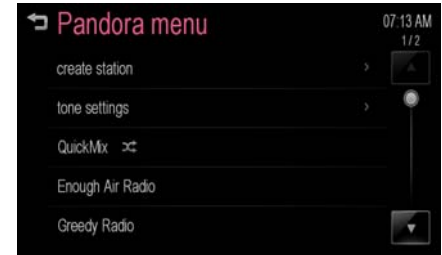


[pandora_serched List_BYOM]

5. Press the desired station. The station is added in the Pandora menu automatically.

Listening to the desired station

1. Press [MENU] during playback. The Pandora menu is displayed.



[pandora_menu_station_BYOM]

2. Scroll through the list using [▲ / ▼]. Listen to the desired station by selecting it.

QuickMix

1. Press [MENU] during playback. The Pandora menu is displayed.



[pandora menu station_BYOM]

2. Press [QuickMix] to listen to a selection of tracks from your stations.

Tone settings

1. Press [MENU] during playback.
2. Press [tone settings].



[smart tone settings_BYOM]

3. For details, refer to the "Tone settings (FM/AM menu)" on the page 17.


Stitcher [Level 3]

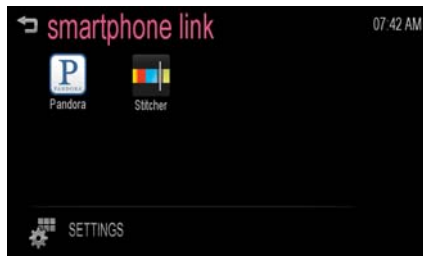
Some image and explanation may vary by phone operating systems, versions, and/or application (App) versions. This section explains a general operation.

Using the Stitcher [Level 4]

You can listen to your favorite news, comedy, sports, talk and storytelling radio shows in 1 app. Get the latest shows from NPR, CNN, Fox, BBC, Carolla, SModcast, Joe Rogan, Maddow, Rush, Fresh Air, Freakonomics, Radiolab, The Moth and more. Choose from 5,000+ on demand podcasts and live local AM/FM stations.

1. Install the Stitcher application on your smartphone.
2. Connect your smartphone and the Infotainment system through the USB port or Bluetooth wireless technology.
 - iPhone: USB connection
 - Android phone/ Blackberry phone: Bluetooth wireless technology
3. Activate the Stitcher application.

4. To play the Stitcher, press [HOME]  > [smartphone link].



[function smart_BYOM]

5. Press [Stitcher].
6. The Stitcher screen is displayed.



[stitcher playing_BYOM]

Note


If smartphone is not connected to the Infotainment system or application is not installed in the smartphone, the Stitcher menu is not activated.

Thumbs up and thumbs down [Level 4]



You can rate songs using thumbs up and thumbs down.

Press  or  on the Stitcher screen.


Saving the favorite station [Level 4]

Press  to save the station as a favorites station.

Pause [Level 4]

Press  during playback. Press  to resume playback.

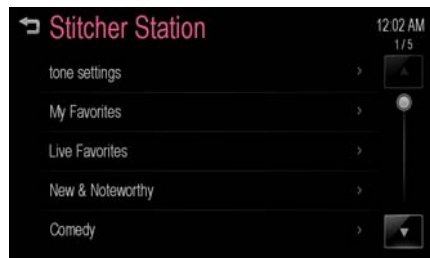
Moving to the next station [Level 4]

Press  to move to the next station.

Using the Stitcher menu [Level 4]

There is displayed the available station data from the Stitcher server.

1. Press [MENU] during playback.



[stitcher menu_BYOM]

2. Scroll through the list using [▲ / ▼].
Listen to the desired station by selecting it.

Tone settings

1. Press [MENU] during playback.
2. Press [tone settings].



[smart tone settings_BYOM]

3. For details, refer to the “Tone settings (FM/AM menu)” on the page 17.

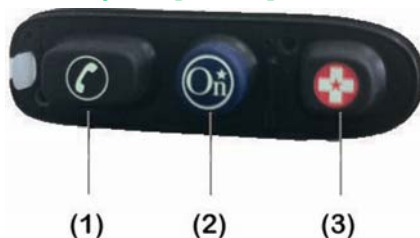
OnStar® System [Level 2]

OnStar® System 66

OnStar® System [Level 3]

Please join in OnStar service to use the OnStar function.

Control panel [Level 4]



[onstar control panel_BYOM]

(1) Hands-Free Calling (📞) button

Press the button to speak to an Advisor.

- Make a call, end a call, or answer an incoming call.
- Give OnStar Hands-Free Calling voice commands.
- Give OnStar Turn-by-Turn Navigation voice commands. Requires the available Directions and Connections service plan.

(2) Blue OnStar (📞) button

Press this button to connect to a live Advisor.

- Verify account information or update contact information.
- Get driving directions. Requires the available Directions and Connections service plan.
- Receive On-Demand Diagnostics for a check on the vehicle's key operating systems.
- Receive Roadside Assistance.

(3) Emergency (🚑) button

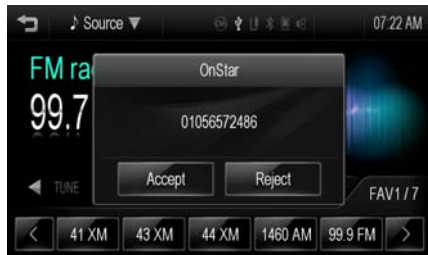
Press this button to get a priority connection to an Emergency Advisor.

- Get help for an emergency.
- Get crisis assistance and evacuation routes.

Hands-Free Calling [Level 4]

For details, refer to the OnStar owner's manual.

Press the Hands-Free Calling (☎) button to make a call, end a call and answer an incoming call.



[onstar incoming_call_BYOM]



[onstar calling_BYOM]

Press the Hands-Free Calling (☎) button to give OnStar Hands-Free Calling voice commands.

Press the Hands-Free Calling (☎) button to give OnStar Turn-by-Turn Navigation voice commands for automated directions.



[OnStar TBT start_BYOM]




[OnStar TBT navi_BYOM]

- Press [X] to hide the Turn-by-Turn Navigation screen. When the route is changed newly, the Turn-by-Turn Navigation screen is displayed automatically.

Note

The Turn-by-Turn Navigation screen is only displayed on the AM/ FM/ XM radio mode and AUX/ USB/ iPod mode.

- Press [Mute] to mute the Turn-by-Turn Navigation voice guidance. It is not muted during voice guidance and is muted from the following voice guidance.

- Press  to move to the [navigation settings] menu.



[onstar TBT settings_BYOM]

- Press [update route] to update the route and then press [Yes]. Press [Cancel route] to cancel it or [No] to do not update the route.



[onstar update_route_BYOM]

- Press [cancel route] to cancel the route and then press [Yes]. The [navigation settings] menu disappears and the Turn-by-Turn Navigation voice guidance is shut down.



[onstar cancel_route_BYOM]

- Press [my destination] to check the my destination. The destination name and the remaining distance to destination are displayed on the screen for about 5 seconds. Then the current Turn-by-Turn Navigation information is displayed.



[onstar my_destination_BYOM]

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- Press [route preview] to preview the route. The user can check the distance information among turns from current position to destination. Check the distance information by pressing ▲/▼. If there is no operation for about 5 seconds, the current Turn-by-Turn Navigation information is displayed.



[onstar route_preview_BYOM]

Note

For your safety, some features are disabled while your vehicle is in motion.

- Press [repeat] to repeat the Turn-by-Turn Navigation voice guidance.
- While the route is calculating, the [Cancel route] menu is only activated.

Blue OnStar [Level 4]

For details, refer to the OnStar owner's manual.

Press the **Blue OnStar** (📞) button to be connected to a specially trained OnStar Advisor who can verify account information and answer questions about the system.



[onstar connecting_BYOM]

Emergency [Level 4]

With Automatic Crash Response, the built-in system can automatically connect to help in a crash even if you cannot ask for it.

Press the **Emergency** (🚑) button to connect to an Emergency Advisor. GPS technology is used to identify the vehicle location and can provide critical information to emergency personnel. The Advisor is also trained to offer critical assistance in emergency situations.



[onstar Emergency_BYOM]

Onstar SMS [Level 4]

When the SMS (Short Message Service) is received by the vehicle, the pop-up screen is displayed as below.



[Onstar SMS_BYOM]

Onstar welcome_subscription [Level 4]

When the user joins and operates in OnStar service for the first time, the pop-up screen is displayed as below.



[onstar welcome_subscription_BYOM]

Appendix [Level 2]

Trademarks and Licenses..... 71

Trademarks and Licenses [Level 3]



[logo divx_BYOM]

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