

ENGLISH

DIS Navigation System / Owner's Manual



GENESIS

Thank you for purchasing this DIS Navigation system.

This user's manual explains how to use the HYUNDAI Motors DIS Navigation system.

Before using the product, read the contents of this user's manual carefully and use this product safely.

- The screens shown in this manual may differ with the actual screens of the product.
- The design and specification of this product may change without prior notification for product improvement.
- When transferring the vehicle to another individual, include this user's manual so that the next driver can continue its use.



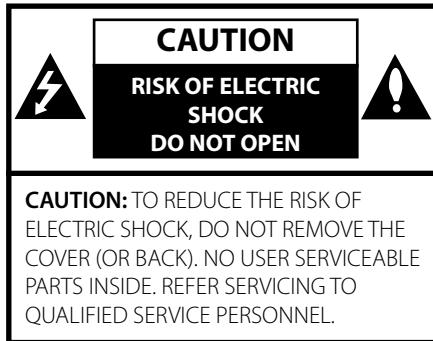
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Precautions for Safety

Notations used within this User's Manual



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.



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 appliance.



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 parking brake is on.



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.



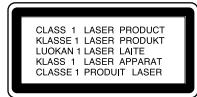
The driver should not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.



To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.

Precautions for Safety

CAUTION:



This product uses a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Should the unit require maintenance, contact an authorized service center. Performing controls, adjustments, or carrying out procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure.

Visible laser radiation when open. DO NOT STARE INTO BEAM.

WARNING:

- Don't use a cellular phone when you are driving. You must stop at a safe place to use a cellular phone.
- The use of the navigation radio by no means relieves the driver of his/her responsibilities. The highway code must always be observed. Always observe the current traffic situation.
- The applicable traffic regulations and the prevailing traffic situation always take precedence over the instructions issued by the navigation system if they contradict one another.
- For traffic safety reasons, use the navigation system menus only before starting a journey or when the vehicle is stationary.
- In certain areas, one-way streets and turn off and entry prohibitions (e.g. pedestrian zones) are not recorded. In areas such as these the navigation system will issue a warning. Pay particular attention to one-way streets and turn off and entry restrictions.
- The navigation system does not take the relative safety of the suggested routes into consideration. Road blocks, building sites, height or weight restrictions, traffic or weather conditions or other influences which affect the route safety or travel time are not taken into consideration for the suggested routes. Use your own discretion in order to decide on the suitability of the suggested routes.
- The current legal road traffic speed limit always takes priority over the values saved on the data. It is impossible to provide an assurance that the speed values of the navigation system will always match those of the current traffic regulations in every situation.
- Always observe the applicable legal speed limits the traffic regulations. The vehicle speedometer must always be given priority for display of the vehicle speed.
- Do not rely exclusively on the navigation system when attempting to locate an emergency service (hospital, fire service etc.). It cannot be guaranteed that all available emergency services in your vicinity are saved in the database. Use your own discretion and abilities to secure help in such situations.

Precautions for Safety

CAUTION:

- Do not keep the navigation system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the navigation system, always keep the engine running.
- When the driver wants to operate the navigation system, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.
- 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.

WARNING:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

FCC Warning

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 to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IC Warning

"This device complies with Industry Canada licence-exempt RSS standard(s)."

Operation is subject to the following 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.

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General Information

About Disc

Recommended Practices for Handling Discs

- After using a disc, put the disc back in its original case to prevent disc scratches.
- Do not use abnormally shaped discs (8cm, heart-shaped, octagon-shaped) as such discs could lead to malfunctions.
- Do not clean discs with chemical solutions, such as record sprays, antistatic sprays, antistatic liquids, benzene, or thinners.
- Do not expose the disc to direct sunlight or high temperatures for prolonged periods of time. Such exposure may lead to disc deformation.
- Upon playing a disc contaminated by dirt or other substances, the sound quality may deteriorate and result in skipping sounds. Writing on either side of the disc could result in damage to disc surfaces.
- Clean fingerprints and dust off the disc surface (coated side) with a soft cloth.
- Copy-protected CDs, such as S-type CDs, may not properly operate in the device. DATA CDs cannot be played. (However, such discs may still abnormally operate.)

- Skipping may occur when driving on bumpy roads for prolonged periods of time or upon severe shock, audio may not play properly.
- Do not attach sticker or label on the disc. Sticker or label may fall off and damage the system.
- Do not insert two or more discs into the disc slot simultaneously. It may damage the disc player.
- While disc is being inserted to the disc player by its self-loading mechanism, do not hold the disc or forcefully pull the disc. It may damage the disc player and the disc.
- Non-genuine discs may cause defective recognition or product disorder.

CAUTION : Servicing Compact Disc Player

- Do not disassemble the device. Contact a designated service center in case of malfunction. (Complete after service assistance will not be provided if the user disassembles the device.)

CAUTION : Cleaning Compact Disc Player

- Do not use water to clean the device. Exposure to water could lead to product malfunction.
- Do not introduce foreign substances into the disc insert/eject slot. Introducing foreign substances could damage the device interior.
- The device may fail to properly operate in extremely hot or cold temperatures.

- Steam can become condensed on the fiber-optic lens due to rain, wet conditions, or upon operating the heating system. In such cases, discs may not be properly recognized. Remove the disc and wait until the moisture dries.

Types of Playable Discs

	DVD-VIDEO (12 cm disc)
	Video CD (12 cm disc)
	
	Audio CD (12 cm disc)
	CD-R/RW
	

In addition, this unit can play a DVD±R, DVD±RW, CD-R or CD-RW that contains audio titles, MP3 or WMA files.

Depending on the conditions of the recording equipment or the CD-R/RW (or DVD-RW, DVD+RW) disc itself, some CD-R/RW (or DVD-RW, DVD+RW) discs may not be played on the unit.

General Information

COPYRIGHTS

It is forbidden by law to copy, broadcast, show, broadcast via cable, play in public, or rent copyrighted material without permission.

This product features the copy protection function developed by Macrovision. Copy protection signals are recorded on some discs. When playing the pictures of these discs on a unit, picture noise will appear. This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

DVD Region Code

This instrument is manufactured according to the region code number recorded in the DVD. If the DVD region code number does not match the region number of this instrument, DVD may not be played. Use the DVD corresponding to your region.

PBC: Playback Control (Video CD Only)

Playback control is available for Video CD (VCD version 2.0 disc formats). PBC allows you to interact with the system via menus, search functions, or other typical computer-like operations. Moreover, still pictures of high resolution can be played if they are included in the disc. Video CDs not equipped with PBC (Version 1.1) operate in the same way as audio CDs.

If “” symbol appears

If “” symbol is displayed on the screen, the current screen will not be operated during the driving.

About USB

Connect the USB device after turning on the engine. The USB device may become damaged if it is already connected when the ignition is turned on.

- Files that are not standard format files will not be played.
- For MP3/WMA files, only music files with compression rates between 8 Kbps ~ 320 Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB is in some states.
- Only USB devices formatted as FAT 12/16/32 are supported, and NTFS file system is not supported.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector with bodily parts/foreign objects.

General Information

- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Insert USB device after starting the car. If the car is started while USB device is inserted, it may damage USB device.
- The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in required time are not indications of malfunction.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.
- When application programs are installed to specific USBs, files may not properly play.
- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognized as portable disk drives) are connected with the device.
- Charging through the USB may not work for some mobile devices.
- The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- The device will not support files locked by DRM (Digital Rights Management).
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized.

MP3 file Information

- Sampling frequency: 8 ~ 48 KHz (MP3), 22.5 ~ 48 KHz (WMA).
- Bit rate: 8 ~ 320 Kbps (MP3), 20 ~ 320 Kbps (WMA).
- Version: v2, v7, v8, v9.
- Playable file format: ".mp3"/".wma".

Image file Information

- Playable file format: ".bmp", ".jpg", ".gif", ".png", ".tif" (Max 5MB).
- It may not properly operate depending on the storage type.

Video file Information

- Video Resolution: 720 x 576 pixels (DivX), 1280 x 720 pixels (except DivX).
- Playable file format: ".avi", ".mpg", ".mpeg", ".divx", ".mp4".
- Subtitle format: ".smi".
- Video Codec: "DIVX3.11", "DIVX4", "DIVX5", "DIVX6".
- Audio Codec: "PCM", "MP3", "WMA", "WAV".
- If video and caption file names are different, caption may not be displayed.
- If DivX file format does not match main unit, it may not be played properly.

General Information

Using iPod® Devices

Precautions upon using iPod®

- Some iPods with unsupported communication protocols may not properly operate with the system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual.)
- During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/iPhone product.) will charge the iPod through the system.
- The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- Use iPod with complete synchronization to iTunes. Unauthorized song addition may cause abnormal operation.
- If iPod and Bluetooth are connected simultaneously with the same iPhone, you cannot use Bluetooth audio function.
- If iPod touch or iPhone is used, iOS4.2 or greater is recommended.

Supported iPod® devices

iPhone 5
iPhone 4S
iPhone 4
iPhone 3GS
iPod Touch (1st through 5th generation)
iPod Nano
iPod Classic

Using SD Cards

Ejecting and Inserting SD Cards

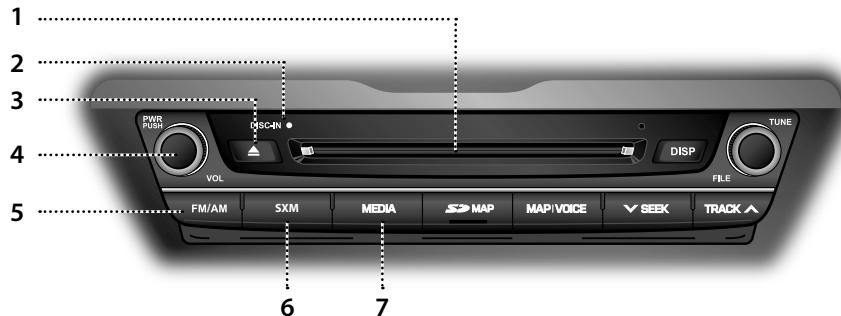
- Ejecting and inserting SD cards while the system is operating may result in SD Card or System errors. To eject or insert the SD card, first turn off the system and the vehicle ignition.
- Eject/insert SD cards only to update the Map, Navi application and Navi S/W with a new version.
- When an SD Card with the new version is inserted, then the system will reboot automatically.

Usage of SD Cards

- The SD Card is formatted to include only Map and Navi S/W.
- The SD Card cannot be used to save and play Music.
- Do not add, delete, or format files within the SD Card.

Name of Each Component

Head unit



1. Disc slot

Insert a disc into the disc slot.

2. DISC IN indicator light (DISC-IN)

When a disc is inserted, the indicator is illuminated.

3. Disc eject (▲) button

Press to insert or eject disc

4. •PWR PUSH button

- Power on

Press this button in power OFF status.

- Power off

Press and hold this button in power ON status.

•Volume control knob (VOL)

Turn left/right to control volume.

•AV on/off button

Press this button to turn AV on or off in power on status.

5. FM/AM Button

Selects the FM/AM band.

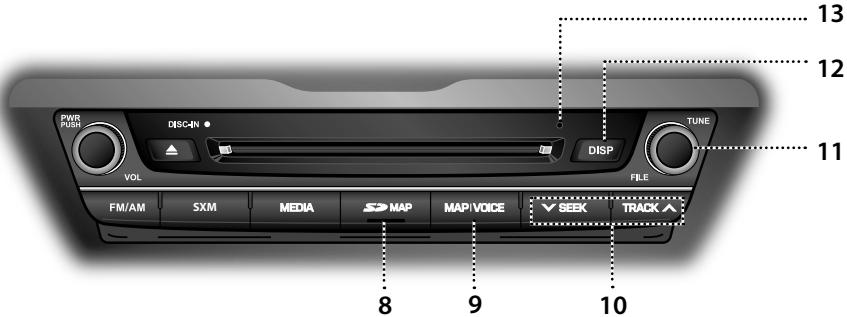
6. SXM Button

Selects the SiriusXM band.

7. MEDIA button

Press this button to move to the [Media] menu in media playing screen. Press this button again to display the media playing screen.

Name of Each Component



8. SD map card slot

Insert the SD card into the slot.

9. MAP/VOICE button

- Press to display the map screen of the current location.
- Press to repeat the voice guidance.

10. VSEEK/TRACK[▲] button

- When pressed momentarily (less than 0.8 sec.)
 - FM/AM/SiriusXM mode: plays previous/next station.
 - MEDIA mode: changes the track, file, or chapter.
- When pressed and held (0.8 sec. or longer)
 - FM/AM/SiriusXM mode: changes the station until the button is released.
 - MEDIA mode: rewinds or fast forwards the track, file, or chapter.

11. TUNE/File button

- FM/AM/SiriusXM mode: Turn to change the station.
- CD/DVD/VCD/Jukebox/USB/iPod mode: Turn to search for the desired track, file or chapter.

12. DISP button

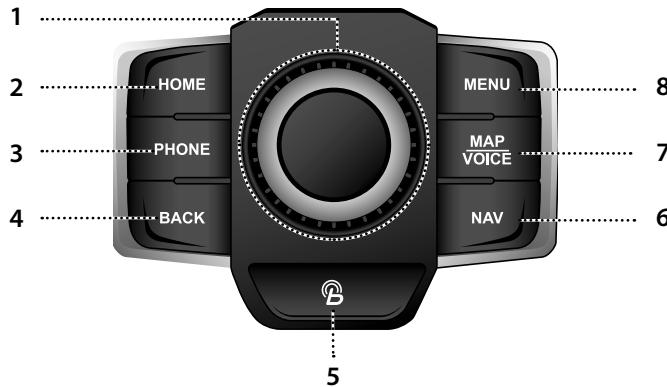
- Press to turn the screen on or off.
- Press and hold to move to the [Display] menu screen.

13. RESET hole

Press to reset the unit.

Name of Each Component

Driver Information System (DIS) Control (USA Only)



1. Controller

Tap or rotate to navigate through the menu screens. For more details, refer to "Using the controller" on page 23.

4. BACK button

Press to move to the previous screen.

7. MAP/VOICE button

- Press to display the map screen of the current location.
- Press to repeat the voice guidance.

2. HOME button

Press to move to the [HOME] menu screen.

5. button

Press to move to the [Blue Link] menu screen.

8. MENU button

Press to move to the pop-up menu in each mode.

3. PHONE button

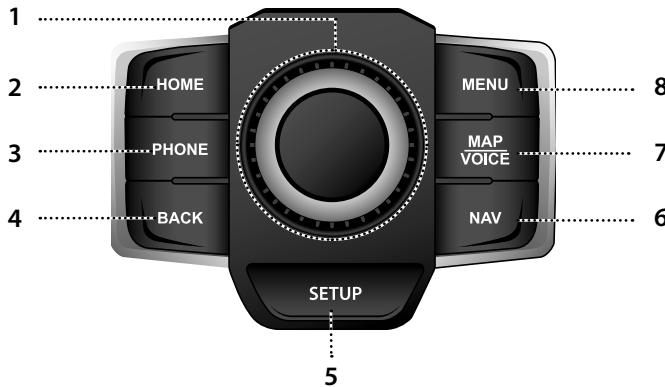
Press to move to the Phone menu screen.

6. NAV button

Press to move to the [Navigation] menu screen.

Name of Each Component

Driver Information System (DIS) Control (CANADA Only)



1. Controller

Tap or rotate to navigate through the menu screens. For more details, refer to "Using the controller" on page 23.

4. BACK button

Press to move to the previous screen.

7. MAP/VOICE button

- Press to display the map screen of the current location.
- Press to repeat the voice guidance.

2. HOME button

Press to move to the [HOME] menu screen.

5. SETUP button

Press to move to the [Settings] menu screen.

8. MENU button

Press to move to the pop-up menu in each mode.

3. PHONE button

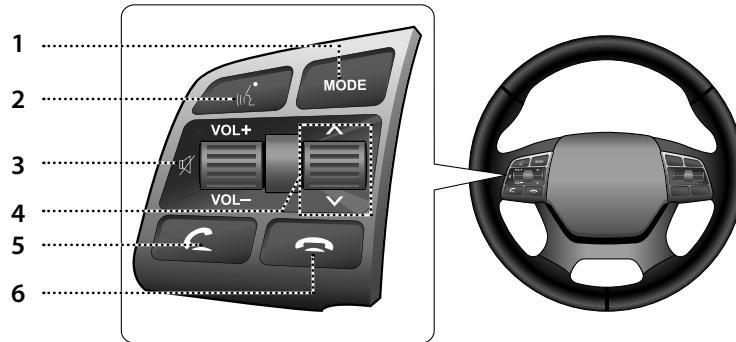
Press to move to the Phone menu screen.

6. NAV button

Press to move to the [Navigation] menu screen.

Name of Each Component

Steering wheel remote control



1. MODE button

- Each time this button is pressed, the mode is changed.
- If no media or disc is inserted, the mode will be skipped.
- Press and hold the button (over 0.8 seconds) to turn the AV on/off.
- When power is off, press the button to turn power back on.

2. button

- Press the button (under 0.8 seconds) to activate voice recognition mode.
- Press and hold the button (over 0.8 seconds) to cancel voice recognition.
- Press and hold the button (over 0.8 seconds) to activate or end the Siri function if an iPhone is paired to the system.

3. Volume (VOL+/VOL-) button

Increases or decreases the volume level.

button

Press to mute the sound.

4. Seek up/down (\wedge/\vee) button

- When pressed momentarily (less than 0.8 sec.)
 - FM/AM/SiriusXM mode: plays previous/next preset station.
 - MEDIA mode: changes the track, file, or chapter.
- When pressed and held (0.8 sec. or longer)
 - FM/AM/SiriusXM mode: changes the station until the button is released.
 - MEDIA mode: rewinds or fast forwards the track, file, or chapter.

5. button

Press to operate Bluetooth Hands-Free function.

- Press to accept a call.
- Press to make a call from last calls.
- Press and hold for redialing.

6. button

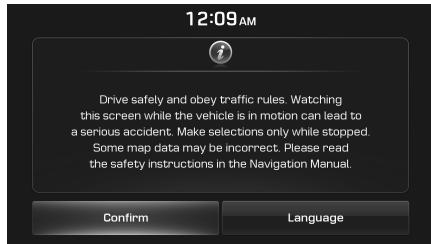
Press to hang up a call.

Basic Operation

Starting the system for the first time

1. Press the engine start button.

Once the system is turned on, the booting process will start and the safety warning page is displayed.



2. Press [Confirm].

If you want to change the system language, press [Language]. For more details, refer to "Language" on page 145.



Note

- You cannot operate the system while it is booting up. It may take some time for all of features of the system boot up.
- The safety warning page is displayed every time the ignition is turned on. The displayed warnings are related to safety, please closely read and comply with the safety warnings.

Turning the system off

Press and hold "PWR PUSH" on the head unit.

To turn the system on again, press "PWR PUSH" on the head unit.



Note

Check the volume when turning on the system. Before turning on the system, adjust the volume to a reasonable level.

AV OFF

Press "PWR PUSH" on the head unit when the AV is ON.

AV ON

Press "PWR PUSH" on the head unit when the AV is OFF.

Adjusting the volume

Rotate the volume control knob (VOL) on the head unit.



Note

When you turn the unit off, the current volume level is automatically memorized. Whenever you turn the system on, it operates at the memorized volume level.

Basic Operation

Resetting the System

This feature is used to reset the system in the occurrence of an unforeseen error or problem. Press "RESET" button. (The use of a clip or pin is recommended when resetting the system.)



Using the controller

This control is used to move and select menus.

Controller	Description
	Move in the menu by turning the controller left/right.
	Push the controller up/down/left/right/diagonally to move in the menu.
	Press the controller to select menu.

Using the Touch screen

Press the desired menu on the screen to select a menu.

- USA Only



- CANADA Only



Radio Operation (FM/AM)

Listening to FM/AM radio

1. Press "FM/AM" on the head unit. Or press [HOME] > [FM/AM].
2. Press [FM] or [AM] on the screen.

The FM/AM screen of the most recent listened station is displayed.



3. Auto tuning:

- Press "VSEEK/TRACKΛ" on the head unit.
- When a station is received, searching stops.

Manual tuning:

- Turn "TUNE/FILE" on the head unit in clockwise or counter-clockwise direction.
- The stations move up and down step by step.

Preset tuning:

From the 12 presets, select the station you want to listen to.



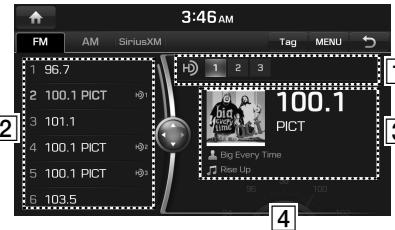
Listening to HD Radio™ (USA Only)

The HD Radio function is not supported for vehicles purchased in Canada.

You can turn HD radio on from the menu and listen to HD Radio Broadcasts.

The HD Radio screen is displayed only when a HD Radio broadcast is being received.

HD radio™ screen



1 HD Radio Reception & Channel buttons

Displays main HD Radio channels and used to directly select the currently available local channels.

Radio Operation (FM/AM)

② HD Channel Number

- HD Channel number saved in preset.
- Preset tuning: From the 12 presets, select the HD Channel you want to listen to.

③ Broadcast Information

Displays detailed information about the current broadcast. (Album Cover Art, Artist name, Song title, HD radio channel, Frequency, PTY, etc...)

④ Frequency controller

When controller is focused, it moves to center of screen. Turn the controller to search for frequency and move the red line.

! Note

HD Radio reception is included with the vehicle is in Radio mode. Methods used to reorder between channels, save preset stations, or other methods of searching frequencies used for standard radios are identical for HD Radios. The HD Radio icon will be displayed when the vehicle is within regions where HD Radio signals can be received.

HD Radio™ On/Off (USA Only)

1. Select the band (FM, AM) you want. If an HD Radio broadcast is received, the radio mode will switch from analog broadcast to HD Radio broadcast.



Press [MENU] > [HD Radio] on the screen.

The HD radio will be off and switch to analog broadcast.

! Note

- The default setting of [HD Radio] is set to on.
- HD radio Technology is a digital radio technology used by FM and AM radio stations to transmit audio and data via a digital signal in conjunction with their analog signals.
- While listening to the radio, the HD Radio icon will become displayed if receiving an HD radio broadcast.

Tag (USA Only)

If HD radio broadcast includes Tag information, then the tag information is displayed on the screen.

1. Press [Tag] on the HD radio screen.



! Note

When the HD radio is off, the [Tag] button is deactivated.

Radio Operation (FM/AM)

Saving FM/AM preset

12 preset stations each for FM/AM mode can be saved manually.

1. Select the band (FM, AM) you want to store a station into.
2. Select the desired station.
3. Press [MENU] > [Save as Preset].
4. Press the desired preset number.



The station is saved.

Note

When the station is saved on a number of which another station has already been saved, the previously saved station is erased.

Scanning FM/AM broadcast station

Scanning preset stations

This function scans the 12 stations saved as preset numbers in the current band for 10 seconds each.

1. Select the band (FM, AM) you want.
2. Press [MENU] > [Preset Scan].



Note

When the scan is operating, pressing the controller will stop the function and remain on the stopped station.

Scanning all stations

This function scans all stations and plays only stations with superior reception for 5 seconds each.

1. Select the band (FM, AM) you want.
2. Press [MENU] > [Scan All Channels].



Note

When the scan is operating, pressing the controller will stop the function and remain on the stopped station.

Radio Operation (FM/AM)

Reordering FM/AM preset

This function reorders the station saved to presets.

1. Select the band (FM, AM) you want.
2. Press [MENU] > [Reorder Presets].
3. Press the desired preset from the list with controller.



4. Move and press the selected preset up and down.



Autostore

A total of 24 stations with twelve preset stations each for FM/AM mode can be saved.

1. Select the band (FM, AM) you want.
2. Press [MENU] > [Autostore] to save automatically receivable stations to Preset list.



Note

While Autostore is operating, pressing [Autostore] again will cancel the function and play the previous frequency.

Radio Text On/Off

If current broadcast includes Radio Text information, the text information is displayed on the screen.

1. Select the band (FM, AM) you want.
2. Press [MENU] > [Radio Text].



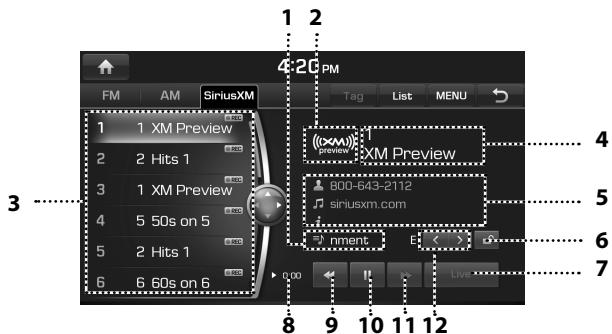
Pressing the [Radio Text] again will cancel the function.

Sound Settings

1. Press [MENU] > [Sound Settings] in the radio screen.
2. For more details, refer to "Sound" on page 137.

Radio Operation (SiriusXM™)

SiriusXM™ screen



1. Category Info

Displays the category currently playing.

2. Channel Logo

Displays the logo of the channel currently playing.

3. Preset list

Displays the channels saved in the Preset list.

Smart Favorites ()

SXM supports 6 smart favorites. It is buffered 1 hour for the currently tuned channel (Instant Replay) and at least 1/2 hour for each of the 6 smart favorites.

4. Channel Info

Displays the current channel number and name.

5. Contents Info

Displays the artist, title and other information about the song currently playing.

6. (Category Lock)

If the Category Lock is Off, you can change or search all channels. If the Category Lock is On, you can change or search only the channels of the currently active category.

7. Live

Changes to the Live Broadcast mode.

8. 0:00 (Time difference)

Displays the time difference between the song playing and the Live broadcast.

9.

Repeats the previously broadcasted program.

- When it is pressed shortly (less than 0.8 sec.): Moves to the previous item.
- When it is pressed and held (0.8 sec. or longer): Searches backwards until the button is released.

10. (Play/Pause)

Plays/Pauses the currently broadcasting program.

11.

- When it is pressed shortly (less than 0.8 sec.): Moves to the next item.
- When it is pressed and held (0.8 sec. or longer): Searches forward until the button is released.

12. (Category Selection Buttons)

This feature is used to select the Previous/Next category.

Radio Operation (SiriusXM™)

Listening to SiriusXM™ radio

1. Press "SXM" on the head unit. Or press [HOME] > [SiriusXM].

The SiriusXM radio screen of the most recent listened channel will be displayed.



2. Select the desired broadcast channel.

For more details, Refer to "Selecting SiriusXM broadcast channel".

Selecting SiriusXM™ broadcast channel

Selecting a channel through manual search

Turn "TUNE/FILE" on the head unit clockwise or counter-clockwise to display the previous or next channel information.

Selecting with channel up/down

Press "VSEEK/TRACK▲" on the head unit.

- The previous or next channel will be selected.

Selecting a channel through preset

Press the preset button of the desired channel.



Selecting channel through channel/category list

1. Press [List] on the screen.

Or press [MENU] > [Channel List].



2. Select the desired category and channel.

Press [MENU] > [Now Listening] to return to the current playing channel.

Press [MENU] > [Featured Favorites] to move to the [Featured Favorites] menu.

If you want to skip a channel, press [MENU] > [Skip]. After press the channel to skip, press [OK] to confirm your selection.

Note

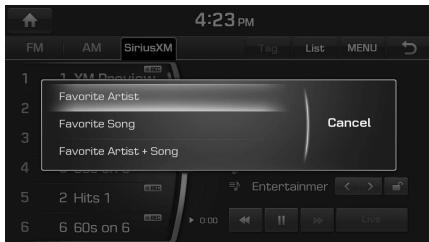
The channel list may be different according to the region.

Radio Operation (SiriusXM™)

Adding to Favorites

You can add the artist or song in the [Favorites] menu.

1. Press [MENU] > [Add to Favorites] on the screen.



2. Select the artist or song to add to [Favorites] menu.



It displays the number of the saved favorites and the number of remaining favorites.



Note

You can play the song or artist by selecting the desired item when the song or artist added in [Favorites] menu is playing on other channel. For more details, refer to "Favorites Alert On/Off" on page 33.

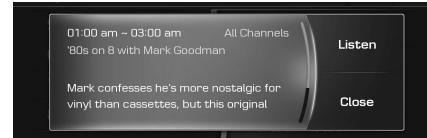
Program Guide

You can check the program information and the schedules of broadcast channels.

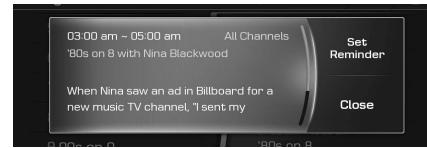
1. Press [MENU] > [Program Guide] on the screen.



- Press [Category] to search for category. Or Press [MENU] > [Category list].
 - Press [MENU] > [Now Listening] to return to the current playing channel.
2. Select the desired broadcast channel.
 - 1) When you select the current broadcast channel



- 2) When you select the other broadcast except the current broadcast channel



3. Select the desired item.
 - Press [Listen] to listen to the current broadcast.
 - Press [Set Reminder] to reserve the broadcast.
 - Press [Close] to close the function.



Note

Reminder time may be different from time set by user.

Radio Operation (SiriusXM™)

Scanning SiriusXM™ broadcast channel

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



2. **Preset Scan:**

Press [Preset Scan].

- scans the 18 preset channels for 5 seconds each.

Scan All Channels:

Press [Scan All Channels].

- scans all receivable channels for 5 seconds each.

Note

When the scan is operating, pressing the controller will cancel the function and return to the previous channel.

Direct Tune

This feature is used to search for channels by entering channel numbers.

1. Press [MENU] > [Direct Tune] on the SiriusXM radio screen.



2. Enter the number of the channel you want to receive and press [GO].

Sound Settings

1. Press [MENU] > [Sound Settings] in the SiriusXM radio screen.
2. For more details, refer to "Sound" on page 137.

Featured Favorites

Featured Favorites allows SiriusXM to broadcast additional presets.

1. Press [MENU] > [More Features] > [Featured Favorites] on the SiriusXM radio screen.



- Example 1 : "Martha's Favorites" may represent Martha Stuart's favorites presets on her radio.
- Example 2 : During holidays, "Holiday Music" may represent all the SiriusXM channels that are playing the holiday music for easy access by users

Multiple sets Featured Favorites data can be broadcast by SiriusXM and can change from time to time.

Radio Operation (SiriusXM™)

Favorites

You can check the song or artist added in [Favorites] menu.

Add the song or artist in the [Favorites] menu. Refer to "Adding to Favorites" on page 30.

1. Press [MENU] > [More Features] > [Favorites] on the SiriusXM radio screen.
The Favorites menu is displayed on the screen.



<Favorites list>

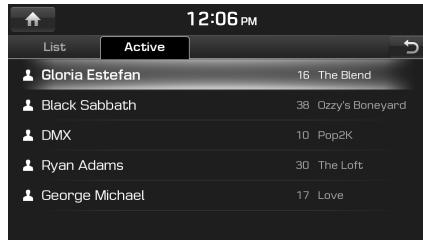


Note
When the song or artist added in [Favorites] menu is playing on other channel, the pop-up is displayed on the screen. For more details, refer to "Favorites Alert On/Off" on page 33.

Viewing Active Alert

You can listen to live broadcast by selecting the channel when the song or artist added in [Favorites] menu is playing on other channel.

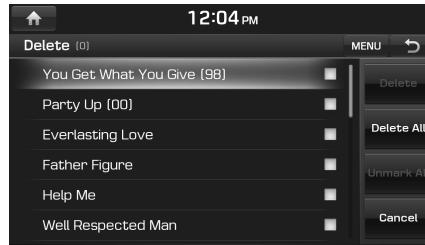
1. Press [Active] on the favorites list.



2. Listen to live broadcast by selecting the desired item.

Deleting the song or artist saved in [Favorites] menu

1. Press [MENU] > [Delete] on the favorites menu.



2. Select the desired item, then press [Delete].
 - [Delete]: Deletes the selected items.
 - [Delete All]: Deletes all items.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

Radio Operation (SiriusXM™)

Favorites Alert On/Off

This feature sets whether to display the pop-up on the screen when the song or artist added in [Favorites] menu is playing on other channel.

1. Press [MENU] > [More Features] > [Favorites Alert] on the SiriusXM radio screen.



Pressing the [Favorites Alert] again will cancel the function.

2. When the song or artist saved in [Favorites] menu is playing on other channel, the pop-up is displayed on the screen.



- [Tune]: Moves to the selected channel.
- [Ignore]: Moves to the previous screen.

Storing SiriusXM™ preset

A total of 18 SiriusXM channels can be saved.

1. Select the desired channel.
2. Press [MENU] > [More Features] > [Save as Preset].
3. Press the desired preset number.



The channel is saved.



Note

When the channel is preset on a number of which another channel has already been preset, the previously preset channel is erased.

Radio Operation (SiriusXM™)

Reordering SiriusXM™ preset

The 18 SiriusXM channels can be reordered.

1. Press [MENU] > [More Features] > [Reorder Presets] on the SiriusXM radio screen.
2. Press the desired preset from the list.



3. Move up and down and press the selected preset, or drag it to the desired position.



Game Zone

You can check the list of sports leagues and games for selected league. (League : NFL, MLB, NBA, NHL, CFB, CBK, WCBK)

1. Press [MENU] > [More Features] > [Game Zone] on the SiriusXM radio screen.



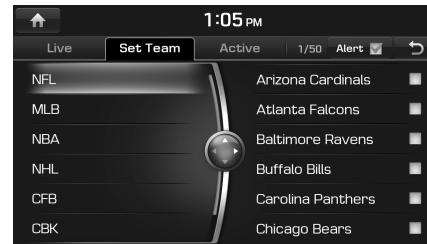
<Live broadcast mode>

2. Listen to live broadcast by selecting the desired league and game.

Setting Team

You can listen to the game of the favorite team by marking the favorite team.

1. Press [Set Team] on the live broadcast mode.
2. Select the desired league and mark the desired team.



Note

When the marked team is playing on other channel, the pop-up is displayed on the screen. For more details, refer to "Alert On/Off".

Radio Operation (SiriusXM™)

Viewing Active Alert

You can listen to live broadcast by selecting the channel when the marked team is playing on other channel.

1. Press [Active] on the live broadcast mode.

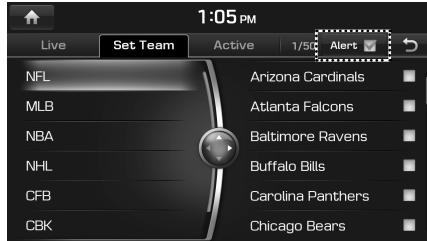


2. Listen to live broadcast by selecting the desired item.

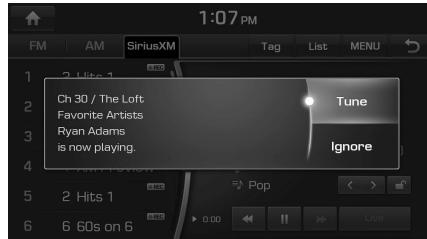
Alert On/Off

This feature sets whether to display the pop-up on the screen when the marked team is playing on other channel.

1. Press [Alert] on the [Set Team] menu.



2. When the marked team is playing on other channel, the pop-up is displayed on the screen.



- [Tune]: Moves to the selected channel.
- [Ignore]: Moves to the previous screen.

Radio Operation (SiriusXM™)

Subscription Status

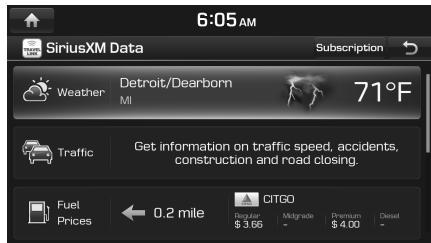
This feature is used to check the Subscription status of SiriusXM.

1. Press [MENU] > [More Features] > [Subscription Status] on the SiriusXM radio screen.
2. If you have not subscribed to the SiriusXM service, press [Call] to enable Services.

Go to SiriusXM™ Data

The SiriusXM Data Service is a paid Satellite radio service which provides users with Weather, Traffic, Fuel prices, Stocks, Sports, and Movie times information.

1. Press [MENU] > [More Features] > [Go to SiriusXM Data] on the SiriusXM radio screen.



2. For more details, refer to "SiriusXM Data" on pages 122~134.



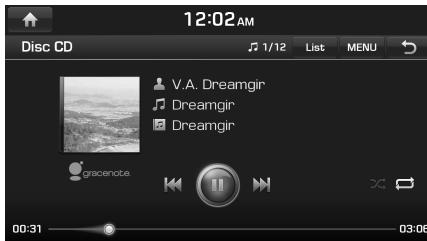
Note

If you want to subscribe to the SiriusXM Data Service, press [Subscription] > [Call] to enable Services.

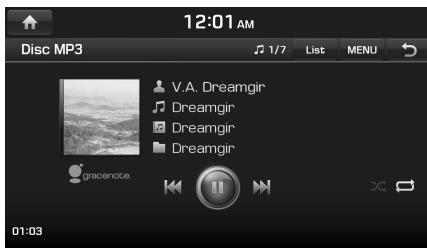
Audio CD/MP3 CD Operation

Playing an Audio CD/MP3 CD

Insert a disc into the disc slot and playback will start automatically.



Audio CD



MP3 CD

Note

To play the Audio CD or MP3 CD while a different source is playing, press [HOME] > [Media] > [Disc CD] or [Disc MP3].

Pause

Press [II] on screen or with the controller.

Press [▶] on screen or with the controller to play it again.

Skip

You can play the previous or next track/file.

Position	Description
Screen	<ul style="list-style-type: none">Press [$\blacktriangleleft/\triangleright$].Pressing [$\blacktriangleleft\blacktriangleleft$] after 3 seconds of playback time plays the current track/file from the beginning.
Head unit	<ul style="list-style-type: none">Press "VSEEK/TRACKΛ".Pressing [VSEEK] after 3 seconds of playback time plays the current track/file from the beginning.
Controller	<ul style="list-style-type: none">Push the controller left or right.Push the controller left after 3 seconds of playback time plays the current track/file from the beginning.

Search

You can rewind/fast forward to a specific point of a track/file.

Position	Description
Screen	Press and hold [$\blacktriangleleft/\triangleright$] and then release at the point you want.
Head unit	Press and hold "VSEEK/TRACKΛ" and then release at the point you want.
Controller	Push and hold the controller left or right and then release at the point you want.

Audio CD/MP3 CD Operation

Seek

You can play the track/file directly by searching for the desired music.

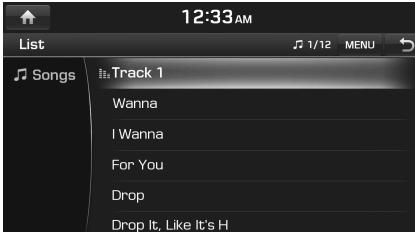
Position	Description
Head unit	Turn "TUNE/FILE" to search for a desired track/file. If the desired track/file is displayed, press the "TUNE/FILE" to play the track/file.
Controller	Turn the controller to search for a desired track/file. If the desired track/file is displayed, press the controller to play the track/file.

List

You can play the desired track/file by searching the track/file list included in the disc.

1. Press [List].

Or press [MENU] > [List].



For example: Audio CD

- Press [MENU] > [Now Playing] to move to the current playing screen.
2. Press the desired track/file.

Shuffle

All tracks/files can be played randomly.

1. Press [MENU] > [Shuffle].



For example: Audio CD

2. Press [On] or [Off].



Note

You can set or cancel the Shuffle function by pressing [DISC] on the playing screen.

Audio CD/MP3 CD Operation

Repeat

The current playing track/file or folder is played repeatedly.

1. Press [MENU] > [Repeat].



For example: MP3 CD

2. Press the desired item.
 - [Repeat All]: Repeats all tracks/files.
 - [Repeat Folder]: Repeats all files within the current folder. (MP3 CD Only)
 - [Repeat One]: Repeats the current track/file.

Note

You can change the Repeat function by pressing [//] on the playing screen.

: Repeat All, : Repeat Folder (MP3 CD Only), : Repeat One

Scan

This function scans the beginning of each track/file for 10 seconds.

1. Press [MENU] > [Scan].

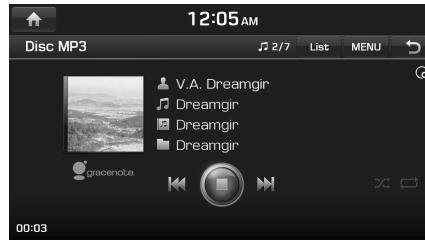


For example: MP3 CD

2. Press the desired item.

CD	Menu	Description
Audio CD	-	Scans the beginning of each track for 10 seconds.
MP3 CD	All	Scans the beginning of each file for 10 seconds.
	Folders	Scans the beginning of all files within the current folder for 10 seconds.

3. Press [■] to cancel the Scan function.



Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

DVD/VCD Operation

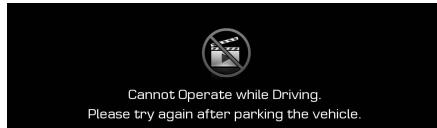
Playing a DVD/VCD

Insert a disc into the disc slot, with the label facing up.

Playback will start automatically. In some cases, the disc menu might appear.

Note

- To play the DVD or VCD while a different source is playing, press [HOME] > [Media] > [DVD] or [VCD].
- If a menu screen is displayed, select the desired option by using the controller.
- Video is not available while driving.
(Because of traffic regulations, video is only available while the vehicle is stopped.)



Switching to Menu display or Full Screen Display

Position	Description
Screen	Press the screen.
Controller	Push the controller up or down on full screen display mode.

Note

Press [MENU] > [Full Screen Display] or wait 5 seconds to display full screen mode.

Pause

Press [■] on screen or with the controller.

Press [▶] on screen or with the controller to play it again.

Skip

You can play the previous or next chapter/track.

Position	Description
Screen	<ul style="list-style-type: none">Press [<◀◀/▶▶].Pressing [<◀◀] after 3 seconds of playback time plays the current chapter/track from the beginning.
Head unit	<ul style="list-style-type: none">Press "VSEEK/TRACK▲".Pressing [VSEEK] after 3 seconds of playback time plays the current chapter/track from the beginning.
Controller	<ul style="list-style-type: none">Push the controller left or right.Push the controller left after 3 seconds of playback time plays the current chapter/track from the beginning.

DVD/VCD Operation

Search

You can rewind/fast forward to a specific point of a chapter/track.

Position	Description
Screen	Press and hold [[◀◀]/[▶▶]] and then release at the point you want.
Head unit	Press and hold " VSEEK/TRACKA " and then release at the point you want.
Controller	Push and hold the controller left or right and then release at the point you want.

Seek

You can play the chapter/track directly by searching for the desired chapter/track.

Position	Description
Head unit	Turn "TUNE/FILE" to search for a desired chapter/track. If the desired chapter/track is displayed, press the "TUNE/FILE" to play the chapter/track.
Controller	Turn the controller to search for a desired chapter/track. If the desired chapter/track is displayed, press the controller to play the chapter/track.

Title Menu/Disc Menu (DVD Only)

If the current title has a menu, the menu will appear on the screen.

1. Press [MENU] > [Title Menu] or [Disc Menu].



2. Select the desired item.
3. Press [OK].

DVD/VCD Operation

Caption Language (DVD Only)

Choose from all available caption languages.

1. Press [MENU] > [Caption Language].



2. Select the desired caption language.

! Note

The caption language may vary depending on the title of DVD.

Voice Language (DVD Only)

Choose from all available voice languages.

1. Press [MENU] > [Voice Language].



2. Select the desired voice language.

! Note

The voice language may vary depending on the title of DVD.

Angle (DVD Only)

Choose from all available camera angles.

1. Press [MENU] > [Angle].



2. Select the desired angle.

! Note

The angle may vary depending on the title of DVD.

DVD/VCD Operation

DVD Settings (DVD Only)

Set the default language.

1. Press [MENU] > [DVD Settings].



2. Press the desired item.
 - [DVD Caption Language]: Select the desired caption language.
 - [DVD Voice Language]: Select the desired voice language.
 - [DVD Menu Language]: Select the desired menu language.

3. Press [OK].

Note

If there is no desired language, press [ETC]. Input the DVD language code, then press [Done]. Refer to "DVD language code" on pages 45-46.

Repeat (VCD Only)

The current track plays repeatedly.

1. Press [MENU] > [Repeat].



2. Press the desired item.
 - [Repeat All]: Repeats all tracks.
 - [Repeat One]: Repeats the current track.

Note

You can change the Repeat function by pressing [/] on the playing screen.

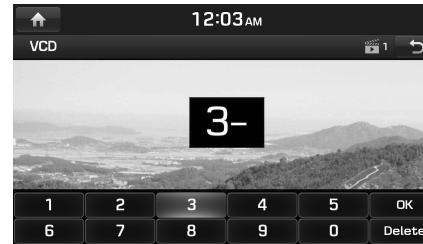
[]: Repeat All,

[]: Repeat One

Shortcut (VCD Only)

You can play the track directly by searching for the desired track.

1. Press [MENU] > [Shortcut].



2. Press [0]~[9] to select the desired track.
3. Press [OK].

DVD/VCD Operation

PBC On/Off (VCD Only)

When playing VIDEO CD with PBC functions (Version 2.0 discs), you can enjoy playing simple interactive software with search functions, etc.

PBC allows you to play VIDEO CD interactively by selecting the menus on the screen.

Also refer to instructions supplied with the disc, as the operating procedure may differ according to the VIDEO CD.

1. Press [MENU] > [PBC].



2. Press [0]~[9] to select the desired menu.



- Press [**◀Prev**] or [**Next▶**] to move to the previous or next page.
 - Press [**▲**] to move to the upper menu.
 - If you press the wrong number, press [**✖**] to delete the inputted number.
3. Press [OK].

Note

- If you press [MENU] > [PBC Menu] when the PBC is On, the PBC menu is displayed on the screen.
- If you press [MENU] > [PBC] when the PBC is On, the PBC function is canceled.

Display Settings

1. Press [MENU] > [Display Settings].
2. For more details, refer to "Display" on page 138.

Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

DVD/VCD Operation

DVD language code

Code	Country	Code	Country	Code	Country	Code	Country
0101	Afar	0625	Frisian	1222	Latvian	1912	Slovenian
0102	Abkhazian	0701	Irish	1307	Malagasy	1913	Samoan
0106	Afrikaans	0704	Scots	1309	Maori	1914	Shona
0113	Amharic	0712	Gallegan	1311	Macedonian	1915	Somal
0118	Arabic	0714	Guarani	1312	Malayalam	1917	Albanian
0119	Assamese	0721	Gujarati	1314	Mongolian	1918	Serbian
0125	Aymara	0801	Hausa	1315	Moldavian	1919	Swati
0126	Azerbaijani	0809	Hindi	1318	Marathi	1920	Sesotho
0201	Bashkir	0818	Croatian	1319	Malay	1921	Sundanese
0205	Belarusian	0821	Hungarian	1320	Maltese	1922	Swedish
0207	Bulgarian	0825	Armenian	1325	Burmese	1923	Swahili
0208	Bihari	0901	Interlingua	1401	Nauru	2001	Tamil
0209	Bislama	0905	Interlingue	1405	Nepali	2005	Telugu
0214	Bengali	0911	Inupiak	1412	Dutch	2007	Tajik
0215	Tibetan	0914	Indonesian	1415	Norwegian	2008	Thai
0218	Breton	0919	Icelandic	1503	Occitan	2009	Tigrinya
0301	Catalan	0920	Italian	1513	Oromo	2011	Turkmen

DVD/VCD Operation

Code	Country	Code	Country	Code	Country	Code	Country
0315	Corsican	0923	Hebrew	1518	Oriya	2012	Tagalog
0319	Czech	1009	Yiddish	1601	Punjabi	2014	Tswana
0325	Welsh	1001	Japanese	1612	Polish	2015	Tongo
0401	Danish	1022	Javanese	1619	Pushto	2018	Turkish
0405	Germany	1101	Georgian	1620	Portuguese	2019	Tsonga
0426	Bhutani	1111	Kazakh	1721	Quechua	2020	Tatar
0512	Greek	1112	Greenlandic	1813	Romance	2023	Twi
0514	English	1113	Cambodian	1814	Kirundi	2111	Ukrainian
0515	Esperanto	1114	Kannada	1815	Romanian	2118	Urdu
0519	Spanish	1115	Korean	1821	Russian	2126	Uzbek
0520	Estonian	1119	Kashmiri	1823	Kinyarwanda	2209	Vietnamese
0521	Basque	1121	Kurdish	1901	Sanskrit	2215	Volapuk
0601	Persian	1125	Kirghiz	1904	Sindhi	2315	Wolof
0609	Finnish	1201	Latin	1907	Sangho	2408	Xhosa
0610	Fijian	1214	Lingala	1908	Croatian	2515	Yoruba
0615	Faroese	1215	Laotian	1909	Sinhalese	2608	Chinese
0618	French	1220	Lithuanian	1911	Slovak	2621	Zulu

Jukebox Operation

Playing Jukebox Music

You can play music files saved in Jukebox. If there is no music file in Jukebox, copy the desired music file to Jukebox. For more details, refer to "Copying the USB music file to Jukebox" on page 54.

1. Press [HOME] > [Media].
2. Press [Jukebox Music].

Jukebox music automatically plays.



Note

- If there are no songs, Jukebox music won't be available in [Media] menu screen.
- If you want to check the detailed file information, refer to page 15.

Pause

You can pause the playing file.

For more details, refer to "Pause" on page 37.

Skip

You can play the previous or next file.

For more details, refer to "Skip" on page 37.

Search

You can rewind/fast forward to a specific point of a file.

For more details, refer to "Search" on page 37.

Seek

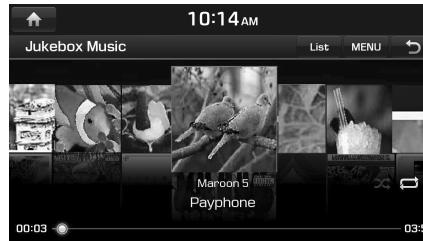
You can play the file directly by searching for the desired file.

For more details, refer to "Seek" on page 38.

Cover Flow View

You can search and select the cover flow in Jukebox.

1. Press [MENU] > [Cover Flow View].



2. Press the desired album.

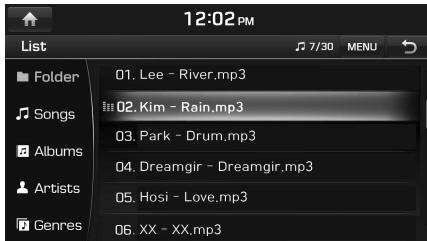
- Press [MENU] > [View Default Player] to move to the current playing screen.
- Press [MENU] > [List] to move to the list menu.
- Press [MENU] > [Shuffle] to set the Shuffle function.
- Press [MENU] > [Repeat] to set the Repeat function.
- Press [MENU] > [Scan] to set the Scan function.
- Press [MENU] > [Sound Settings] to set the sound.

Jukebox Operation

List

You can play the desired file by searching the file list included in Jukebox.

1. Press [List].
Or press [MENU] > [List].



For example: Jukebox music screen

2. Select the desired file.
 - Press [MENU] > [Now Playing] to move to the current playing screen.
 - Press [MENU] > [Delete] to delete the desired file. For more details, refer to "Deleting Address Book" on page 80.
 - Press [MENU] > [Clear Jukebox] to delete all files and playlists in Jukebox.
 - Press [MENU] > [View Capacity] to check the storage capacity saved in Jukebox.

Shuffle

All files can be played randomly.

For more details, refer to "Shuffle" on page 38.

Scan

This function scans the beginning of each file for 10 seconds.

For more details, refer to MP3 CD operation of "Scan" on page 39.

Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

Repeat

The current playing file is played repeatedly.

1. Press [MENU] > [Repeat].



2. Press the desired item.
 - [Repeat All]: Repeats all files.
 - [Repeat Folder]: Repeats all files within current folder.
 - [Repeat One]: Repeats the current file.

Note

You can change the Repeat function by pressing [] / [] / [] on the playing screen.

[] : Repeat All, [] : Repeat Folder,

[] : Repeat One

Jukebox Operation

Playing Jukebox Video

You can play the video files saved in Jukebox.

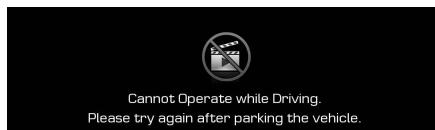
If there is no video file in Jukebox, copy the desired video to Jukebox. For more details, refer to "Copying the USB video file to Jukebox" on page 56.

1. Press [HOME] > [Media].
2. Press [Jukebox Video].

The Jukebox Video is played.

Note

- If there are no videos, Jukebox Video won't be available in the [Media] menu screen.
- Video is not available while driving.
(Because of traffic regulations, video is only available while the vehicle is stopped.)



- If you want to check the detailed file information, refer to page 15.

Switching to Menu display or Full Screen Display

Position	Description
Screen	Press the screen.
Controller	Push the controller up or down on full screen display mode.

Note

Press [MENU] > [Full Screen Display] or wait 5 seconds to display full screen mode.

Pause

You can pause the playing file.

For more details, refer to "Pause" on page 37.

Skip

You can play the previous or next file.

For more details, refer to "Skip" on page 37.

Search

You can rewind/fast forward to a specific point of a file.

For more details, refer to "Search" on page 37.

Seek

You can play the file directly by searching for the desired file.

For more details, refer to "Seek" on page 38.

List

You can play the desired file by searching the file list included in Jukebox.

For more details, refer to "List" on page 48.

Shuffle

All files can be played randomly.

For more details, refer to "Shuffle" on page 38.

Repeat

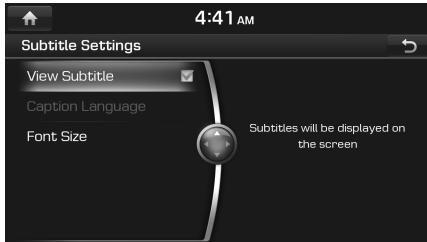
The current playing file is played repeatedly.

For more details, refer to "Repeat" on page 48.

Jukebox Operation

Subtitle Settings

1. Press [MENU] > [Subtitle Settings].



2. Set the desired option.
 - [View Subtitle]: Turns video subtitles on/off.
 - [Caption Language]: Selects the desired caption language.
 - [Font Size]: Adjusts the font size of video subtitles.

Voice Settings

1. Press [MENU] > [Voice Settings].



2. Set the desired voice.

Display Settings

1. Press [MENU] > [Display Settings].
2. For more details, refer to "Display" on page 138.

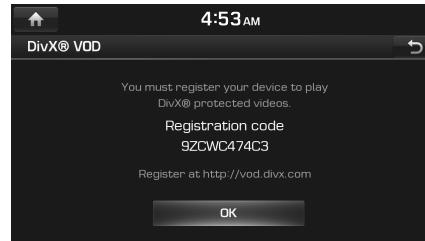
Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

DivX® VOD

You must register your device to play DivX® protected videos.

1. Press [MENU] > [DivX® VOD].



2. After checking the registration code, register at <http://vod.divx.com>.

Note

All the downloaded videos from DivX® VOD with this registration code can only be played back on this device.

Jukebox Operation

Viewing Jukebox Image

You can view the image files saved in Jukebox.

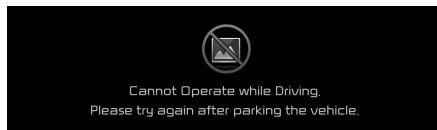
If there is no image file in Jukebox, copy the desired image to Jukebox. For more details, refer to "Copying the USB image file to Jukebox" on page 57.

1. Press [HOME] > [Media].
2. Press [Jukebox Image].

The Jukebox Image is viewed.



- If there are no images, Jukebox image won't be available in the [Media] menu screen.
- If you want to check the detailed file information, refer to page 15.
- Image is not available while driving.
(Based on the traffic regulation, Image is only available whenever vehicle is in stop condition with parking gear.)



Switching to Menu display or Full Screen Display

Position	Description
Screen	Press the screen.
Controller	Push the controller up or down on full screen display mode.



Press [MENU] > [Full Screen Display] or wait 5 seconds to display full screen mode.

Skip

You can view the previous or next image.

Position	Description
Screen	Press [$\blacktriangleleft\blacktriangleright$].
Controller	Push the controller left or right.

Zoom in/out

1. Turn the controller left or right.

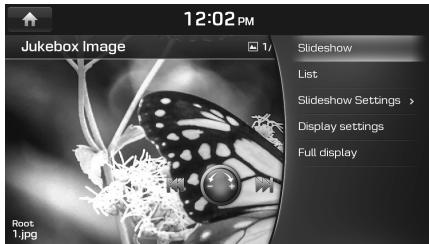


2. Push the controller up, down, left or right to move the image.

Jukebox Operation

Slideshow

1. Press [MENU] > [Slideshow].



The slideshow is played.

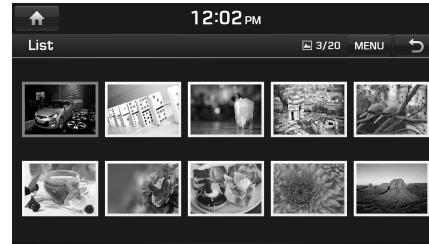
2. Press the controller to stop the slideshow.

List

You can view the desired image by searching the image list included in Jukebox.

1. Press [List].

Or press [MENU] > [List].



2. Press the desired image.

- Press [MENU] > [Now Playing] to move to the current playing screen.
- Press [MENU] > [Delete] to delete the desired file. For more details, refer to "Deleting Address Book" on page 80.
- Press [MENU] > [Clear Jukebox] to delete all files and playlists in Jukebox.
- Press [MENU] > [View Capacity] to check the storage capacity saved in Jukebox.

Slideshow Settings

You can set the slideshow interval. The slideshow is played according to the time interval.

1. Press [MENU] > [Slideshow Settings].



2. Press the desired slideshow interval.

Display Settings

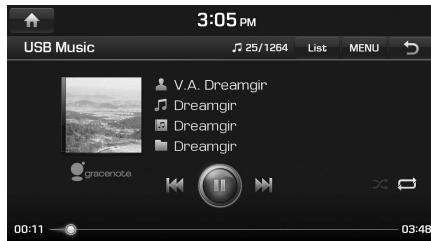
1. Press [MENU] > [Display Settings].
2. For more details, refer to "Display" on page 138.

USB Operation

Playing USB Music

You can play music files saved in a USB memory device.

Connect a USB device to the USB port. Playback will start automatically.



Note

To play USB music while a different source is playing, press [HOME] > [Media] > [USB Music].

Pause

You can pause the playing file.

For more details, refer to "Pause" on page 37.

Skip

You can play the previous or next file.

For more details, refer to "Skip" on page 37.

Search

You can rewind/fast forward to a specific point of a file.

For more details, refer to "Search" on page 37.

Seek

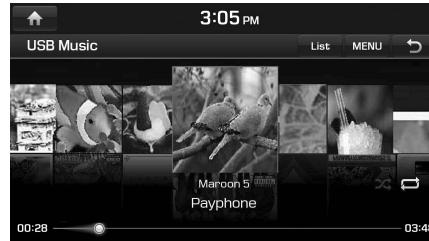
You can play the file directly by searching for the desired file.

For more details, refer to "Seek" on page 38.

Cover Flow View

You can search and select the cover flow in USB.

1. Press [MENU] > [Cover Flow View].



2. Press the desired album.

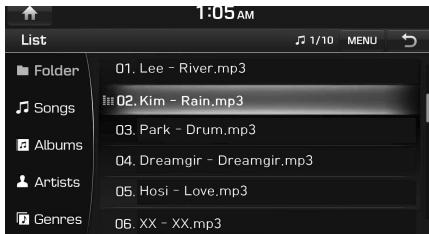
- Press [MENU] > [View Default Player] to move to the current playing screen.
- Press [MENU] > [List] to move to the list menu.
- Press [MENU] > [Shuffle] to set the Shuffle function.
- Press [MENU] > [Repeat] to set the Repeat function.
- Press [MENU] > [Copy to Jukebox] to copy the desired files to Jukebox. For more details, refer to "Copying the USB music file to Jukebox" on page 54.
- Press [MENU] > [Scan] to set the Scan function.
- Press [MENU] > [Sound Settings] to set the sound.

USB Operation

List

You can play the desired file by searching the file list included in USB.

1. Press [List].
Or press [MENU] > [List].



2. Press the desired file after searching for folder, songs, albums, artists, or genres.
 - Press [MENU] > [Now Playing] to move to the current playing screen.
 - Press [MENU] > [Copy to Jukebox] to copy the desired files to Jukebox.

Shuffle

All files can be played randomly.
For more details, refer to "Shuffle" on page 38.

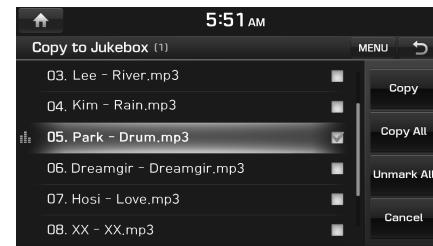
Repeat

The current playing file is played repeatedly.
For more details, refer to "Repeat" on page 48.

Copying the USB music file to Jukebox

You can copy the desired files to Jukebox.

1. Press [MENU] > [Copy to Jukebox].



2. Select the desired file, then press [Copy].
 - [Copy]: Copies the selected file.
 - [Copy All]: Copies all the files.
 - [Unmark All]: Unmarks all the files.
 - [Cancel]: Cancels the copy function.



Note

During file copy, the  icon is displayed on the top right side of the screen. When the copy is completed, the icon disappears automatically.

Scan

This function scans the beginning of each file for 10 seconds.

For more details, refer to MP3 CD operation of "Scan" on page 39.

Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

USB Operation

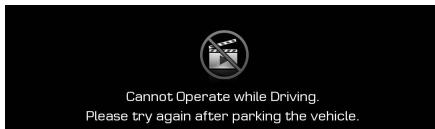
Playing USB Video

You can play video files saved in a USB memory device.

Connect a USB device to the USB port and playback starts automatically.

Note

- To play USB Video while a different source is playing, press [HOME] > [Media] > [USB Video].
- Video is not available while driving.
(Because of traffic regulations, video is only available while the vehicle is stopped.)



Switching to Menu display or Full Screen Display

Position	Description
Screen	Press the screen.
Controller	Push the controller up or down on full screen display mode.

Note

Press [MENU] > [Full Screen Display] or wait 5 seconds to display full screen mode.

Pause

You can pause the playing file.

For more details, refer to "Pause" on page 37.

Skip

You can play the previous or next file.

For more details, refer to "Skip" on page 37.

Search

You can rewind/fast forward to a specific point of a file.

For more details, refer to "Search" on page 37.

Seek

You can play the file directly by searching for the desired file.

For more details, refer to "Seek" on page 38.

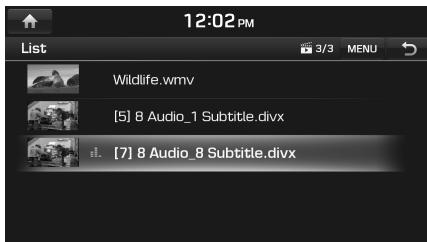
USB Operation

List

You can play the desired file by searching the file list included in USB.

1. Press [List].

Or press [MENU] > [List].



2. Press the desired file.

- Press [MENU] > [Now Playing] to move to the current playing screen.
- Press [MENU] > [Copy to Jukebox] to copy the desired files to Jukebox.

Shuffle

All files can be played randomly.

For more details, refer to "Shuffle" on page 38.

Repeat

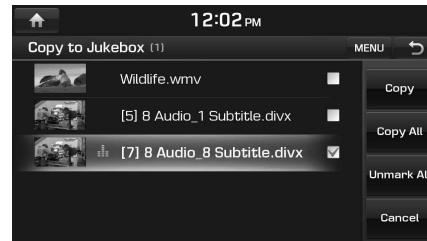
The current playing file is played repeatedly.

For more details, refer to "Repeat" on page 48.

Copying the USB video file to Jukebox

You can copy the desired files to Jukebox.

1. Press [MENU] > [Copy to Jukebox].



2. Select the desired file, then press [Copy].

- [Copy]: Copies the selected file.
- [Copy All]: Copies all the files.
- [Unmark All]: Unmarks all the files.
- [Cancel]: Cancels the copy function.



Note

During file copy, the  icon is displayed on the top right side of the screen. When the copy is completed, the icon disappears automatically.

Subtitle Settings

You can set the caption.

For more details, refer to "Subtitle Settings" on page 50.

Voice Settings

You can set the voice.

For more details, refer to "Voice Settings" on page 50.

DivX® VOD

You must register your device to play DivX® protected videos.

For more details, refer to "DivX® VOD" on page 50.

Display Settings

1. Press [MENU] > [Display Settings].
2. For more details, refer to "Display" on page 138.

Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

USB Operation

Viewing USB Image

You can play image files saved in a USB memory device.

1. Connect a USB device to the USB port.
2. Press [HOME] > [Media] > [USB Image].

! Note

Image is not available while driving. (Based on the traffic regulation, Image is only available whenever vehicle is in stop condition with parking gear.)



Switching to Menu display or Full Screen Display

Position	Description
Screen	Press the screen.
Controller	Push the controller up or down on full screen display mode.

! Note

Press [MENU] > [Full Screen Display] or wait 5 seconds to display full screen mode.

Skip

You can view the previous or next image.

For more details, refer to "Skip" on page 51.

Zoom in/out

Turn the controller left or right.

For more details, refer to "Zoom in/out" on page 51.

Slideshow

You can set the slideshow.

For more details, refer to "Slideshow" on page 52.

List

You can view the desired image by searching the image list included in USB.

For more details, refer to "List" on page 52.

Slideshow Settings

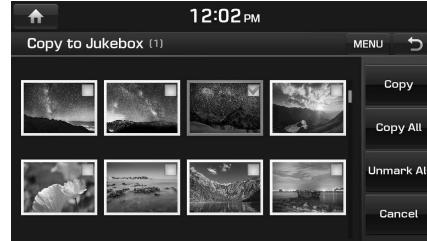
You can set the slideshow interval. The slideshow is played according to the time interval.

For more details, refer to "Slideshow Settings" on page 52.

Copying the USB image file to Jukebox

You can copy the desired files to Jukebox.

1. Press [MENU] > [Copy to Jukebox].



2. Select the desired file, then press [Copy].
 - [Copy]: Copies the selected file.
 - [Copy All]: Copies all the files.
 - [Unmark All]: Unmarks all the files.
 - [Cancel]: Cancels the copy function.

! Note

During file copy, the icon is displayed on the top right side of the screen. When the copy is completed, the icon disappears automatically.

Display Settings

1. Press [MENU] > [Display Settings].
2. For more details, refer to "Display" on page 138.

iPod® Operation

Playing iPod®

1. Use iPod exclusive cable to connect iPod to USB connector.
2. Press [HOME] > [Media] > [iPod].
It runs iPod mode.

Pause

You can pause the playing file. For more details, refer to "Pause" on page 37.

Skip

You can play the previous or next file. For more details, refer to "Skip" on page 37.

Search

You can rewind/fast forward to a specific point of a file. For more details, refer to "Search" on page 37.

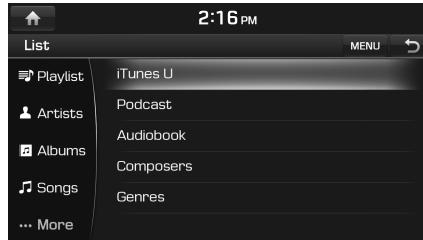
Seek

You can play the file directly by searching for the desired file. For more details, refer to "Seek" on page 38.

List

You can play the desired file by searching the file list included in iPod.

1. Press [List].
Or press [MENU] > [List].



2. Press the desired file.
 - Press [MENU] > [Now Playing] to move to the current playing screen.
 - Press [MENU] > [Edit Category] to edit the category, then press the desired category. After moving to the desired category by turning the controller left or right, press the controller.

Shuffle

All files can be played randomly.

For more details, refer to "Shuffle" on page 38.

Repeat

The current playing file is played repeatedly.

1. Press [MENU] > [Repeat].



2. Press the desired item.
 - [Repeat All]: Repeats all files.
 - [Repeat One]: Repeats the current file.

Note

You can change the Repeat function by pressing [/] on the playing screen.

: Repeat All, : Repeat One

Scan

This function scans the beginning of each file for 10 seconds. For more details, refer to Audio CD operation of "Scan" on page 39.

Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

Pandora® Radio Operation (USA Only)

Playing Pandora®

The Pandora function is not supported for vehicles purchased in Canada.

Pandora is personalized internet radio that helps you discover new music and plays the favorites you already love. Enjoy all of your stations in your car, on the web and on the go.

1. Download Pandora from the Apple® App Store or Google® Play Store on your mobile phone.

For more details, check the Pandora web site <<http://www.pandora.com>>.

2. For Apple Device, connect an Apple Device to the USB port.

For Android Phone, connect an Android Phone by Bluetooth.

3. To play the Pandora, press [HOME] > [Media] > [Pandora].



<Pandora screen>

Note

- This feature may not be supported in some mobile phones.
- There might be unexpected operation in Pandora mode depending on the type of the phone.

Pause

You can pause the music. For more details, refer to "Pause" on page 37.

Skip

You can play the next song within the same station.

Position	Description
Screen	Press [▶▶].
Head unit	Press "TRACK▲".
Controller	Push the controller to the right.

Note

Previous Track is not available.

Seek

You can play the desired station by searching for it with "TUNE/FILE" knob or Controller.

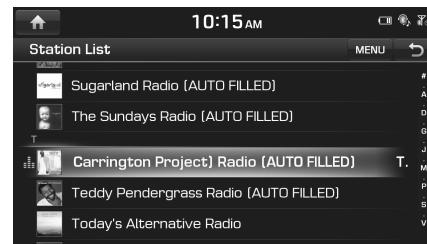
Position	Description
Head unit	Turn "TUNE/FILE" to search for a desired station. If the desired station is displayed, press the "TUNE/FILE" to play the station.
Controller	Turn the controller to search for a desired station. If the desired station is displayed, press the controller to play the station.

Station List

You can play the desired station by searching the station list included in Pandora.

1. Press [List].

Or press [MENU] > [Station List].



Pandora® Radio Operation (USA Only)

2. Press the desired station.
 - Press [MENU] > [Now Playing] to move to the current playing screen.
 - Press [MENU] > [Sort by] > [A - Z] or [Date] to display in alphabetical or date order.
 - To search for new station, press [MENU] > [New Station]. After entering the desired station and press [Q]. Then press the desired item.

Feature of this Track

This menu is used to display the feature of the track currently playing.

Press [MENU] > [Feature of this Track].

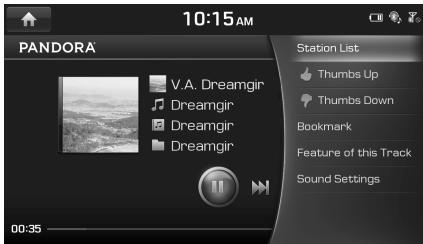
Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

Thumbs Up / Thumbs Down

Rates songs using thumbs up and thumbs down.

1. Press [MENU].



2. Press [Thumbs Up] or [Thumbs Down].
 - [Thumbs Up]: If you like the song currently playing, press this button to send a "Thumbs up" signal to Pandora so that more music similar to current song will play on this station.
 - [Thumbs Down]: Skips to next song and current song will never play again on this station.

Bookmark

Bookmarks favorite track.

1. Press [MENU].
2. Press [Bookmark] to bookmark the track currently playing.

Note

You can view your bookmarked tracks from your Pandora profile online. Go to pandora.com, then click on the "Your Profile" button above the player. That will bring up a page with your stations and bookmarked tracks.

Aha Radio Operation (USA Only)

Playing Aha Radio

The Aha Radio function is not supported for vehicles purchased in Canada.

Aha Radio is personalized internet radio. You can easily access and organize all your favorite content from the web into personalized, live, on-demand stations.

1. Download Aha Radio from the Apple® App Store or Google® Play Store on your mobile phone.

For more details, check the Aharadio web site <<http://www.aharadio.com>>.

2. For Apple Device, connect an Apple Device to the USB port.

For Android Phone, connect an Android Phone by Bluetooth.

3. To play Aha Radio, press [HOME] > [Media] > [Aha].



<Aha Radio screen>

Note

- This feature may not be supported in some mobile phones.
- There might be unexpected operation in Aha Radio mode depending on the type of the phone.

Pause

You can pause the playing file. For more details, refer to "Pause" on page 37.

Skip

You can play the previous or next contents within the same station.

Position	Description
Screen	Press [◀◀/▶▶].
Head unit	Press " VSEEK/TRACK▲ ".
Controller	Push the controller left or right.

Seek

You can play the desired station by searching for it with "TUNE/FILE" knob or Controller.

Position	Description
Head unit	Turn "TUNE/FILE" to search for a desired station. If the desired station is displayed, press the "TUNE/FILE" to play the station.

Controller

Turn the controller to search for a desired station. If the desired station is displayed, press the controller to play the station.

Search

You can rewind/fast forward to a specific point of the contents. (Rewind 15 seconds/ Fast forward 30 seconds)

Position	Description
Screen	Press and hold [◀◀/▶▶] and then release at the point you want.
Head unit	Press and hold " VSEEK/TRACK▲ " and then release at the point you want.
Controller	Push and hold the controller left or right and then release at the point you want.

Note

This feature may not be supported in some tracks.

Aha Radio Operation (USA Only)

Station List

You can play the desired station by searching the station list included in Aha Radio.

1. Press [MENU] > [Station List] > [Preset].



- Press [MENU] > [Now Playing] to move to the current playing screen.
- 2. Press the desired station.

Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

Content List

This menu is used to display the contents of the station currently playing.

1. Press [Contents].

Or press [MENU] > [Content List].

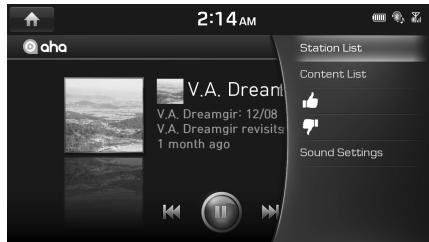


- Press [MENU] > [Now Playing] to move to the current playing screen.
- 2. Press the desired content.

Thumbs Up / Thumbs Down

Rates songs using thumbs up and thumbs down.

1. Press [MENU].



2. Press or .
- : If you like the genre of the content currently playing, press this button to send a "Thumb Up" signal to Aha Radio so that more content similar to current content will play on this station.
- : Skips to next content and current content will never play again on this station.



Note
You can set this function by pressing or on the playing screen.

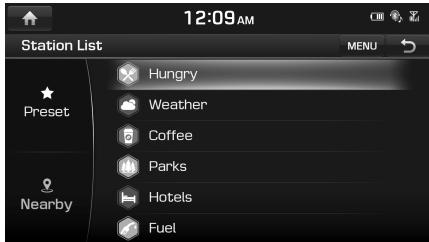
: Thumbs Up, : Thumbs Down

Aha Radio Operation (USA Only)

Making a call to place near current position

Making a call is possible if there is telephone information for the place you selected near your current position.

1. Press [MENU] > [Station List] > [Nearby].



2. Press the desired place.



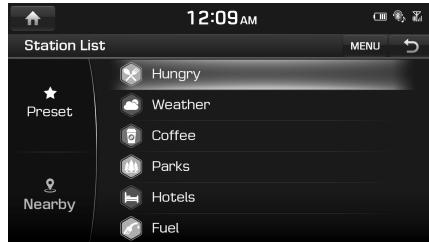
3. Press [Call], or press [MENU] > [Call].

Making a call is not possible if there is no mobile phone connected through Bluetooth.

Finding a place near current position through Navigation

Finding a place is possible if there is navigation information for the place you selected near your current position.

1. Press [MENU] > [Station List] > [Nearby].



2. Press the desired place.

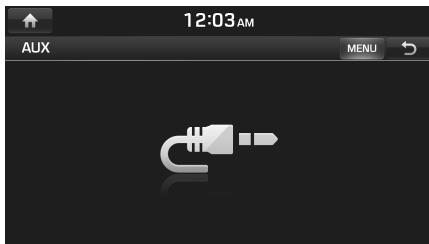


3. Press [Navigate], or press [MENU] > [Navigate].

Auxiliary Device Operation

Playing an AUX source

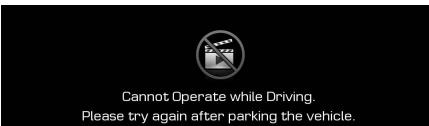
1. Connect an auxiliary device to the AUX terminal.



2. Play the auxiliary device.

! Note

- Some auxiliary devices that do not have the video source may not produce output to the video screen.
- If you want to play the auxiliary device when playing other source, press [HOME] > [Media] > [AUX].
- Video is not available while driving.
(Because of traffic regulations, video is only available while the vehicle is stopped.)



Switching to Menu display or Full Screen Display during video playback

Position	Description
Screen	Press the screen.
Controller	Push the controller up or down on full screen display mode.

! Note

Press [MENU] > [Full Screen Display] or wait 5 seconds to display full screen mode.

Display Settings

1. Press [MENU] > [Display Settings] on the menu display mode during video playback.
2. For more details, refer to "Display" on page 138.

Sound Settings

1. Press [MENU] > [Sound Settings].
2. For more details, refer to "Sound" on page 137.

Bluetooth® Audio

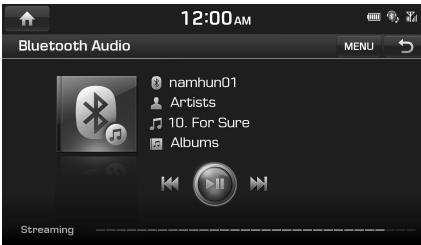
Playing Bluetooth® Audio

Before playing the Bluetooth® audio

- Music saved in the mobile phone can be played in the car through Bluetooth audio streaming.
- Bluetooth audio can be played only when a Bluetooth phone has been connected. To play Bluetooth audio, connect the Bluetooth phone to the car system. For more information on connecting Bluetooth, please refer to user's manual [Pairing and connecting the unit and a Bluetooth phone] on page 97.
- The audio streaming function may not be supported in some mobile phones. Only one function can be used at a time between the Bluetooth handsfree or Bluetooth audio function. For example, if you convert to the Bluetooth handsfree while playing Bluetooth audio, the music will be discontinued.

Starting the Bluetooth® audio

- Press [HOME] > [Media] > [Bluetooth Audio].
- The Bluetooth audio screen is displayed.



Pause

Press [**▶||**] on screen or with the controller.

Press [**▶||**] on screen or with the controller to play it again.



Note

This feature may not be supported on some Bluetooth devices.

Skip

You can play the previous or next file.

For more details, refer to "Skip" on page 37.



Note

This feature may not be supported on some Bluetooth devices.

Sound Settings

- Press [MENU] > [Sound Settings].
- For more details, refer to "Sound" on page 137.

Getting Started with Navigation

Navigation use restrictions

Please observe and comply with local traffic rules and regulations.

- For your safety, some features cannot be operated while driving. Features that cannot be operated will be disabled.
- The route displayed for destination guidance is a reference and the route guidance will take you to the vicinity of your destination. The highlighted route is not always; the shortest distance, the least congested, and in some cases might, not be the fastest route.
- Road, name, and POI information may not always been completely updated. Some places may not include up to date information.
- The car position mark does not always indicate your exact location. This system uses GPS information, various sensors, and road map data to display the current position. However, errors in displaying your location may occur if the satellite is transmitting inaccurate signals or two or less satellite signals are being received. Errors that occur in such conditions cannot be corrected.

- The position of the vehicle within the navigation may differ from your actual location depending on various reasons, including the satellite transmission state, vehicle state (driving location and conditions), etc. Additionally, the car position mark may differ from the actual position if the map data is different from the actual road landscape, such as changes due to the construction of new roads. If such differences occur, driving for a short period of time will automatically correct the position of the vehicle through map matching or GPS information.

What is GPS?

The Global Positioning System (GPS) is a satellite-based navigation system made up of a network of 24 satellites placed into orbit by the U.S. Department of Defense.

GPS was originally intended for military applications, but in the 1980s, the government made the system available for civilian use.

GPS works in any weather conditions, anywhere in the world, 24 hours a day.

There are no subscription fees or setup charges to use GPS.

About satellite signals

Your unit must acquire satellite signals to operate. If you are indoors, near tall buildings or trees, or in a parking garage, the unit cannot acquire satellite signal.

Acquiring satellite signals

Before the unit can determine your current position and navigate a route, you must do the following steps:

1. Go outside to an area free from tall obstructions.
2. Turn on the unit.

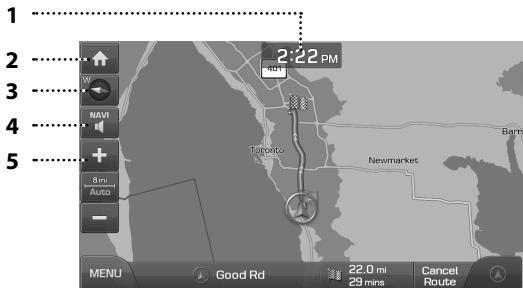
Acquiring satellite signals can take a few minutes.

Getting Started with Navigation

Operating Navigation Screen

The navigation system displays various information on the screen.

Map screen



1. Clock display

Displays current time.

- (North up (2D)): Displays always has north at the top of screen.

4. Navigation voice guidance on/off



Turns the navigation voice guidance On/Off. Press or .

2. button

Press to move to [HOME] menu screen.

3. Map display

- Displays the direction of the map.

Press or .

- (Heading up (2D)): Displays always shows the vehicle's direction as proceeding towards the top of the screen.

GPS signal state display

Displays the state of GPS signal reception.

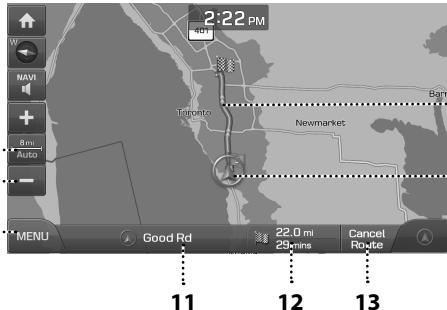
- Active - color : GPS reception is satisfactory.
- Inactive - gray : GPS reception is unsatisfactory.

5. button

Zoom in the map. Press repeatedly.



Getting Started with Navigation



6. Map scale display

- Displays the current map scale.
- Sets the zoom level automatically to the guidance. For more details, refer to "Map scale" on page 70.

7. [-] button

Zoom out the map. Press [-] repeatedly.

8. [MENU] button

Moves to quick menu screen. For more details, refer to "General operations of quick menu" on page 76.

9. Route guidance

Displays the route guidance to the destination when a route is set.

10. Vehicle position

Displays current vehicle position and direction.

11. Current position

Displays the current position. Press to check the destination information.

12. Remaining distance display/ Remaining time

Displays the distance to the destination and the estimated time of arrival. Press to check the destination information.

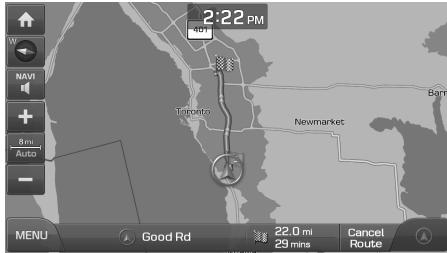
13. Cancel Route

Cancels the route guidance to the destination.

14. [ROUTE] button

Changes the route conditions when a route is set. For more details, refer to "Changing the route conditions" on page 70.

Getting Started with Navigation



15. [Destination] button

Moves to [Destination] menu.

16. [Nearby POI Search] button

Finds a POI (Point Of Interest) near current position, destination or route. For more details, refer to "Searching for POI" on page 71.

17. [Save] button

Adds frequently used address to [Address Book] menu. For more details, refer to "Adding the position to address book" on page 73.

18. [Traffic] button

Displays the traffic information. For more details, refer to "Traffic information list" on page 74.

19. [Guidance Volume] button

Adjusts the navigation volume. For more details, refer to "Navigation volume" on page 74.

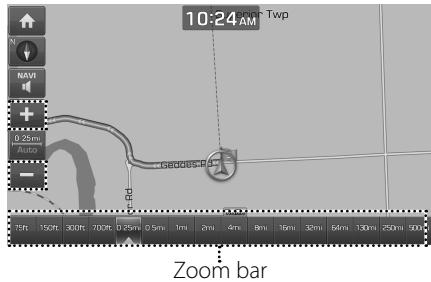
20. [Settings] button

Moves to [Settings] menu. For more details, refer to "Settings" on page 75.

Getting Started with Navigation

Zoom In / Zoom Out

Press [+] or [-] to set the zoom level on the map screen.



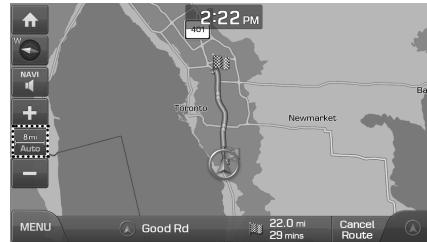
Note

- You can set the zoom level by directly pressing the zoom bar on the screen.
- Press [+] or [-] for over 1 second. The zoom will continuously change.
- If the zoom range limit is reached, the [+] / [-] button will be disabled.
- If you want to set the auto zoom, press [Auto].

Map scale

This function sets the zoom level automatically according to the road class.

Press [Auto] on the map screen.



Name	Description
Scale Fix (inactive - "Auto")	Fix the displayed scale.
Auto Scale (active - "Auto")	Change the map scale automatically depending on the road class.

Changing the route conditions

You can set new route by searching for various route option when a route is set.

Cancel Route

You can cancel the route guidance to the destination. For more details, refer to "Cancel Route" on page 84.

Route Options

You can modify the route conditions or confirm the route information. Set the appropriate route condition according to your purpose.

For more details, refer to "Route Options" on page 84.

Edit Route

The Edit Route allows you to travel through the searched routes by editing the current route. For more details, refer to "Edit Route" on page 85.

Route Overview

You can check the entire route between your current location and your destination. For more details, refer to "Route Overview" on page 86.

Getting Started with Navigation

Route Info / Avoid

This allows you to check the route information and search for new route by avoiding the selected street(s). You can select the desired item to check the map information. For more details, refer to "Route Info / Avoid" on page 86.

Route Preview

This allows you to check the detailed turn-by-turn list. For more details, refer to "Route Preview" on page 86.

Alternative Routes

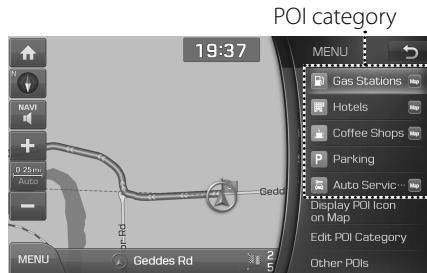
"Alternative Routes" shows the options of "Faster Time" route and "Shorter Distance" route. However, the "Shorter Distance" route in most cases does not have traffic information, so the time to destination for the "Shorter Distance" route may not always be accurate.

Searching for POI

POI search

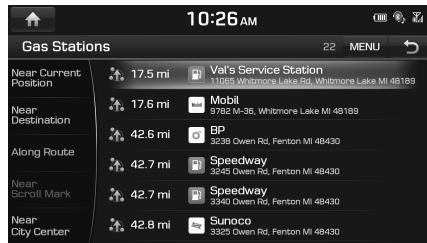
You can find a POI (Point Of Interest) near current position, destination, route, scroll mark or city center.

1. Press [MENU] > [Nearby POI Search].



- Press [All POI Categories] to search for all the categories, then select the desired POI.

2. Select one of POI category.



- Press [MENU] > [Name] to arrange the list in name order.

- Press [MENU] > [Distance] to arrange the list in distance order.

3. Press the desired position.

- [Near Current Position]: Search for POI's around the current position.

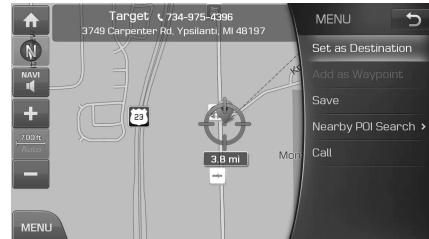
- [Near Destination]: Search for POI's around the destination when a route is set.

- [Along Route]: Search for POI's along route when a route is set.

- [Near Scroll Mark]: Search for POI's around the current cursor when the map scrolled.

- [Near City Center]: Search for POI's around the city selected.

4. Press the desired item.



Getting Started with Navigation

5. Press [Set as Destination].

When a route is set, press [Change Destination].

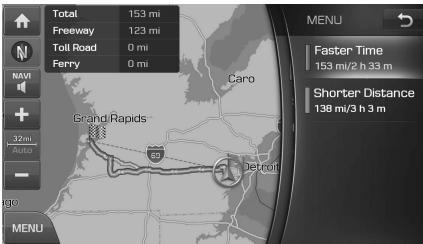
- If you want to add a waypoint when a route is set, press [Add as Waypoint]. For more details, refer to "Adding waypoints" on page 85.
- If you want to add the position to [Address Book] menu, press [Save]. For more details, refer to "Adding the position to address book" on page 73.
- If you want to find a POI (Point Of Interest) near current position, destination, route, scroll mark or city center, press [Nearby POI Search]. For more details, refer to "Searching for POI" on page 71.
- If you want to make a call, press [Call]. For more details, refer to "Making a call to POI" on page 75.



Note

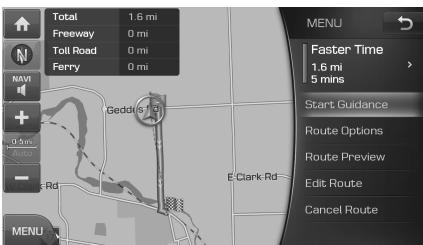
When you set the [Alternative Routes], follow steps 6.

6. Press the desired route.



- [Faster Time]: Calculates the route based on the fastest arrival time.
- [Shorter Distance]: Calculates the route based on the shortest distance.

7. Press [Start Guidance].



- Press [Route Options] to set the route option. For more details, refer to "Route Options" on page 84.
- Press [Route Preview] to scan the route. For more details, refer to "Route Preview" on page 86.

- Press [Edit Route] to edit the route. For more details, refer to "Edit Route" on page 85.
- Press [Cancel Route] to cancel the route. For more details, refer to "Cancel Route" on page 84.

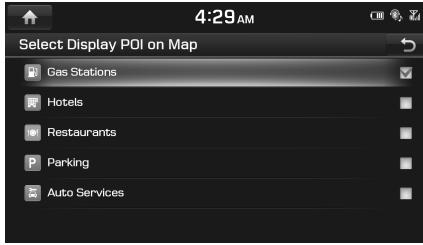


Note

The destination is saved in the [Prev. Destinations] menu automatically. (Page 79)

Displaying/Hiding POI icons on the map screen

1. Press [MENU] > [Nearby POI Search] > [Display POI Icon on map].



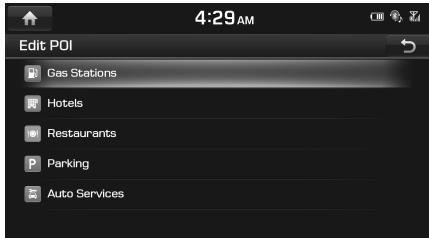
2. Mark or unmark the desired POI.
The map icon is displayed on the right of POI menu screen.

Getting Started with Navigation

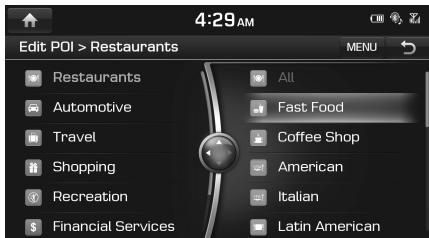
Editing POI category

You can edit the POI category displayed on POI menu screen.

1. Press [MENU] > [Nearby POI Search] > [Edit POI category].



2. Select the POI to edit.



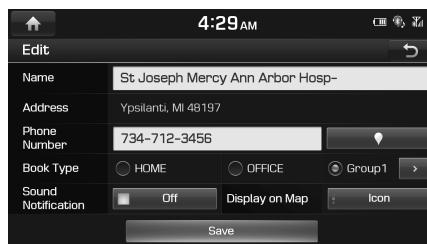
3. Select the the desired POI.

The selected POI appears on POI menu screen.

Adding the position to address book

You can add the current position or the selected place to address book.

1. Press [MENU] > [Save].



2. Edit the desired item.

- [Name]: Change the name.
- [Phone Number]: Enter the phone number.
- [Icon]: Set the symbol displayed on the map screen.
- [Book Type]: Select the address book type.
- [Sound Notification]: Set the sound notification to On/Off.
- [Display on Map]: Press [Icon&Name], [Icon] or [Off] to display on the map screen.

3. Press [Save] to save the setting.

Note

Press [MENU] > [Destination] > [Address Book] to check the added position.

Getting Started with Navigation

Scrolling map

1. Press and drag the map area on the screen. The selected point will be centered on the screen and the scroll mark will be displayed.

Information about the marked point and straight line distance from the current position will be displayed at the center of the screen.



2. Press [MENU].
3. Follow steps 5~7 of the "POI search" on page 71.

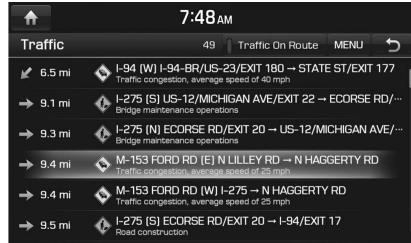
Note

If a map area on the map screen is pressed, the map will continuously scroll in the corresponding direction until the pressing is released.

Traffic information list

The current traffic/road event information is basically displayed on the traffic information list.

1. Press [MENU] > [Traffic].



- Press [Traffic On Route] to display the traffic information on route when the route is set.
2. Press the traffic list to display the detailed information.
3. Press [MENU].

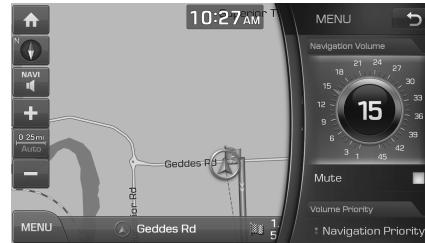
You can check the related information by marking various information (Accidents, Road Construction, etc).

Note

This feature may not be reflected depending on condition.

Navigation volume

Press [MENU] > [Guidance Volume] to adjust the volume.



- [Navigation Volume]: Adjusts the navigation volume.
- [Mute]: Sets the sound to mute.
- [Volume Priority]: Sets the volume control to [Navigation Priority] or [Equal Volumes].

Getting Started with Navigation

Settings

Press [MENU] > [Settings] to set the screen.



- Press [Auto Zoom] to set the map scale automatically depending on the road class.
- Press [Display Traffic] to set whether to display traffic information or not.
- Press [Full Map] to display the Full Map.
- Press [Show Turn List] to display the turn-by-turn list.
- [Map Display]: Sets the map screen to [Heading Up] or [North Up].
- [Other Settings]: Changes all the navigation settings. For more details, refer to "Navigation" on page 135.

Making a call to POI

After searching for a POI, the POI phone number information can be used to make a call to the POI facility.

1. Use the various search methods, such as the map scroll function, POI search function, and destination search function to search for a POI.



2. Press [Call] on the menu screen.
3. Bluetooth is used to make a call to the POI facility.

Note

- Making a call is not possible if there is no telephone information for a POI or if there is no mobile phone connected through Bluetooth.
- For more information of mobile phone authentication through Bluetooth or detailed information on conducting search, refer to [Pairing and connecting the unit and a Bluetooth phone], page 97.

Guidance to Previous Destinations

When starting the navigation, the "Guidance to Previous Destinations" pop-up appears for about 10 seconds. The pop-up is displayed only when the navigation is started without the route planned.

Press one of the list.



Note

Press [HOME] > [Settings] > [Navigation] > [General] > [Show Prev. Dest at Navi Start-Up] to set the previous points view.

Getting Started with Navigation

General operations of quick menu

1. Press [MENU] on the map screen.
Or press [MENU] on the remote control for head unit on the map screen.



2. Press the preferred setting method.
 - [Route]: Changes the route conditions by using the [Route] menu when the route is activated. (Page 84)
 - [Destination]: Finds a destination by using the [Destination] menu. (Pages 77~83)
 - [Nearby POI Search]: Finds a destination by searching for POI. (Page 71)
 - [Save]: Adds the position to [Address Book] menu. (Page 73)
 - [Traffic]: Shows the traffic information list. (Page 74)

- [Guidance Volume]: Adjusts the navigation volume. (Page 74)
- [Settings]: Sets items related with navigation settings. (Page 75)

General operations of [Navigation] menu

1. Press [NAV] on the remote control for head unit.



2. Press the preferred setting method.
 - [Destination]: Finds a destination by using the [Destination] menu. (Pages 77~83)
 - [Route]: Changes the route conditions by using the [Route] menu when the route is activated. (Page 84)
 - [Settings]: Sets items related with navigation. (Page 135)

Searching for Destination of Navigation

Places

You can search your destination by name, address or coordinates.

1. Press [MENU] or [NAV] > [Destination] > [Places].



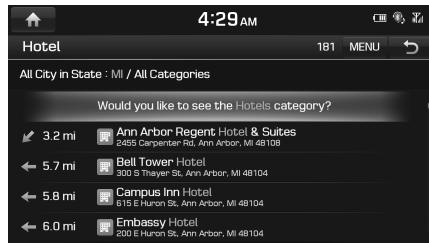
2. Enter the name of the location, address or coordinates and press [SEARCH] or [MENU]>[Search].



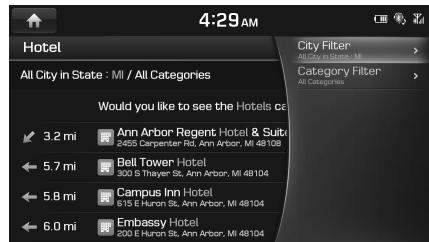
You can change the state by pressing [State] or [MENU] > [State].



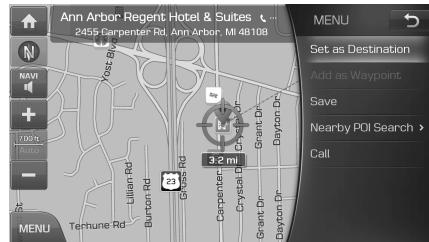
3. Select a location on the map from the list of your search results or filter your search results by city or category.



- Press [MENU] > [City Filter] to narrow your search results by city.
- Press [MENU] > [Category Filter] to narrow your search results by category.



4. Select the location from the search results to set as a destination.



- Press [Set as Destination] to set the location as a destination. When a route is set, press [Change Destination].
- Press [Add as Waypoint] to add the location as a waypoint.
- Press [Save] to add the location to the address book.
- Press [Nearby POI Search] to search the area in your proximity.
- Press [Call] to make a call to the location.

Searching for Destination of Navigation

Address Search

You can find the destination by searching for an address.

1. Press [MENU] or [NAV] > [Destination] > [Address].



2. Enter the name of the State, House No., Street or City corresponding to the desired destination.



3. Press [Set as Destination].

When a route is set, press [Change Destination].

- If you want to add a waypoint when a route is set, press [Add as Waypoint]. For more details, refer to "Adding waypoints" on page 85.
- If you want to add the position to [Address Book] menu, press [Save]. For more details, refer to "Adding the position to address book" on page 73.
- If you want to find a POI (Point Of Interest) near current position, destination, route, scroll mark or city center, press [Nearby POI Search]. For more details, refer to "Searching for POI" on page 71.

Note

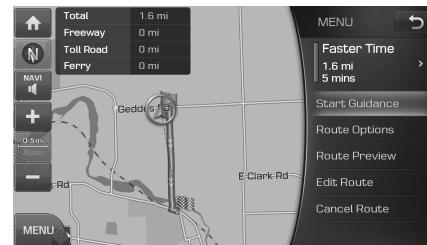
When you set the [Alternative Routes], follow steps 4.

4. Press the desired route.



- [Faster Time]: Calculates the route based on the fastest arrival time.
- [Shorter Distance]: Calculates the route based on the shortest distance.

5. Press [Start Guidance].



- Press [Route Options] to set the route option. For more details, refer to "Route Options" on page 84.
- Press [Route Preview] to scan the route. For more details, refer to "Route Preview" on page 86.

Searching for Destination of Navigation

- Press [Edit Route] to edit the route. For more details, refer to "Edit Route" on page 85.
- Press [Cancel Route] to cancel the route. For more details, refer to "Cancel Route" on page 84.

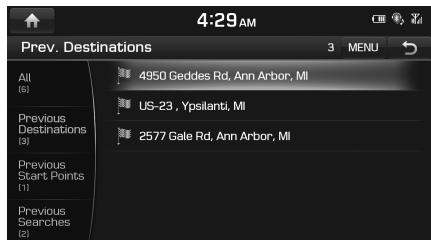
Note

The destination is saved in the [Prev. Destinations] menu automatically. (Page 79)

Previous Destinations

You can find the destination to a location that you have previously set as the destination.

1. Press [MENU] or [NAV] > [Destination] > [Prev. Destinations].



- [All]: Displays all previous destinations, departing places, and searched places.
- [Previous Destinations]: Displays previous destination places.

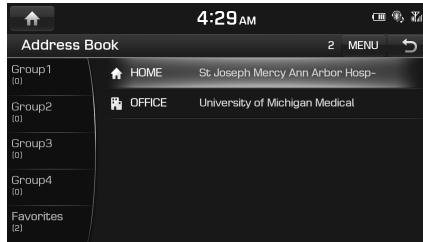
- [Previous Start Points]: Displays previous departing places.
 - [Previous Searches]: Displays previously searched places.
 - Press [MENU] > [Name] or [Date] to arrange the list in name or date order.
 - Press [MENU] > [Delete] to select and delete items from various entries all at once.
2. Press the preferred previous point from the list.
 3. Follow steps 3-5 of the "Address Search" on page 78.

Address Book

You can find the destination to a location saved in the [Address Book] menu. To utilize this function more effectively, destinations that you often travel to should be saved in advance.

First of all, store in the [Address Book] menu through destination search function.

1. Press [MENU] or [NAV] > [Destination] > [Address Book].



- Press [MENU] > [Rename] to change the name of the address book type.
 - Press [MENU] > [Date], [Name] or [Category] to arrange the list in date, name, or category order.
 - Press [MENU] > [Add] to add a location [Address Book] menu.
 - Press [MENU] > [Delete] to select and delete items from various entries all at once.
 - Press [MENU] > [Edit] to edit items from various entries all at once.
2. Press the desired item from the list.
 3. Follow steps 3-5 of the "Address Search" on page 78.

Searching for Destination of Navigation

Adding to Address Book

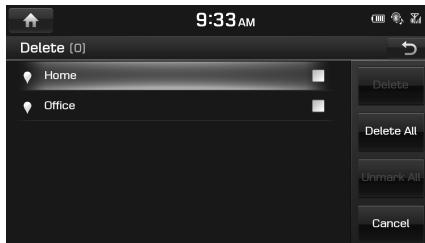
1. Press [MENU] > [Add] in address book list.
2. Select a desired location through destination search function.



3. Set the desired item.
 - [Name]: Change the name.
 - [Phone Number]: Enter the phone number.
 - [Icon]: Set the symbol displayed on the map screen.
 - [Book Type]: Select the address book type.
 - [Sound Notification]: Set the sound notification to On/Off.
 - [Display on Map]: Press [Icon&Name], [Icon] or [Off] to display on the map screen.
4. Press [Save] to save the setting.

Deleting Address Book

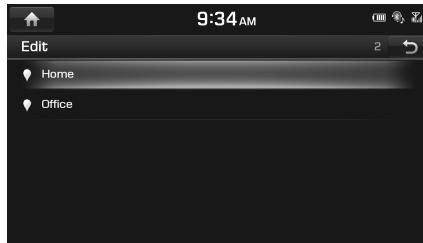
1. Press [MENU] > [Delete] in address book list.



2. Select the desired item, then press [Delete].
 - [Delete]: Deletes the selected items.
 - [Delete All]: Deletes all items.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

Editing Address Book

1. Press [MENU] > [Edit] in address book list.
2. Select the item to edit.



3. Edit the desired item.
 - [Name]: Change the name.
 - [Phone Number]: Enter the phone number.
 - [Icon]: Set the symbol displayed on the map screen.
 - [Book Type]: Select the address book type.
 - [Sound Notification]: Set the sound notification to On/Off.
 - [Display on Map]: Press [Icon&Name], [Icon] or [Off] to display on the map screen.
4. Press [Done] to save the setting.

Searching for Destination of Navigation

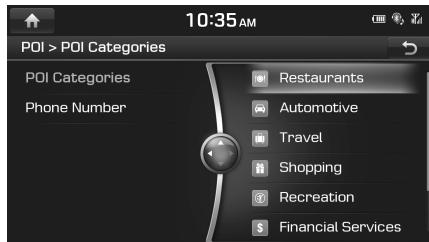
POI

You can find a destination from various categories.

There are 2 ways to set the destination through POI search - by category, by phone number.

Searching for POI by category

1. Press [NAV] > [Destination] > [POI] > [POI Category].



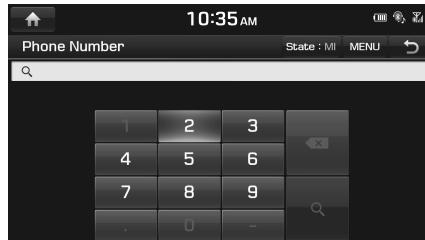
If you want to search for the POI category by name, press [MENU] > [Category History] or [Category Search]. Input the name, then press [Q] to finish.

2. Follow steps 2~7 of the "POI search" on page 71.

Searching for POI by phone number

If you know the phone number of the destination, you may use this function to find the destination.

1. Press [NAV] > [Destination] > [POI] > [Phone Number].

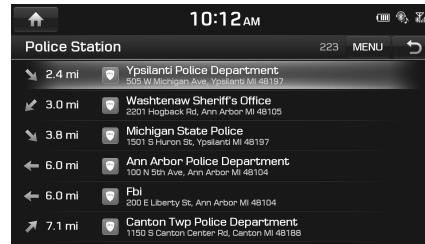


- Press [State] to change the state.
- 2. Input the desired phone number and press [Q].
- 3. Press the desired POI.
- 4. Follow steps 3-5 of the "Address Search" on page 78.

Emergency

You can find a destination by searching for a Police Station, Hospital, Hyundai Dealership or Road Assistance in emergency situations.

1. Press [NAV] > [Destination] > [Emergency] > [Police Station], [Hospital], [Hyundai Dealership] or [Road Assistance].



For example: Police Station

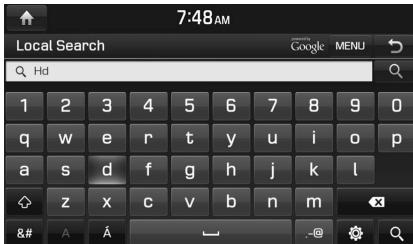
- Press [MENU] > [Name] or [Distance] to arrange the list in name or distance order.
- 2. Press the preferred item from the list.
- 3. Follow steps 3-5 of the "Address Search" on page 78.

Searching for Destination of Navigation

Local Search

Please join in Blue Link service to use Local Search.

1. Press [NAV] or [MENU]> [Destination] > [Local Search] or [Google Local Search].



2. Enter the desired keywords and press [Q].
3. Select the desired item.
4. Follow steps 3-5 of the "Address Search" on page 78.

Intersection

You can find the destination by searching for the intersection.

1. Press [NAV] > [Destination] > [Intersection].



2. Enter the name of the State, 1st Street or 2nd Street corresponding to the desired destination.
3. Press [Q].
4. Follow steps 3-5 of the "Address Search" on page 78.

Freeway Exit / Enter

You can find the destination by searching for the Freeway Exit/Enter.

1. Press [NAV] > [Destination] > [Freeway Exit / Enter].



2. Enter the freeway name and exit/enter.
3. Press [Q].
4. Follow steps 3-5 of the "Address Search" on page 78.

Searching for Destination of Navigation

Coordinates

You can find a destination by inputting the coordinates of latitude and longitude.

There are two ways to search by coordinates (Deg. Min. Sec. or Decimal degrees).

1. Press [NAV] > [Destination] > [Coordinates].



- Press [MENU] > [Deg. Min. Sec.] or [Decimal degrees] to select the type of the Coordinates.
- 2. Press the latitude and longitude, then input the desired coordinates.
- 3. Press [Q].
- 4. Follow steps 3-5 of the "Address Search" on page 78.

Home / Office

If your home location and office location have been already saved in the [Favorites] menu, it can be easily retrieved to set the route to your home location and office location.

First of all, store in the [Favorites] menu through destination search function.

Registering Home or Office

1. Press [MENU] > [Destination] > [Add to Home] or [Add to Office].
2. Select the desired position through destination search function.
3. Press [OK] when the destination search is complete. It is saved in the [Favorites] menu automatically.



Note

Press [MENU] or [NAV] > [Destination] > [Address Book] > [Favorites] on the map screen to check items saved in the [Favorites] menu.

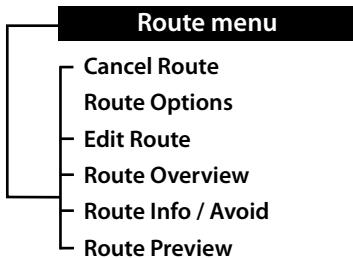
Finding your Home or Office

1. Press [MENU] > [Destination] > [Home] or [Office].
2. Follow steps 4-5 of the "Address Search" on page 78.

Using the Route Menu

Route menu overview

This allows you to change the route conditions by using the route menu when the route is activated.



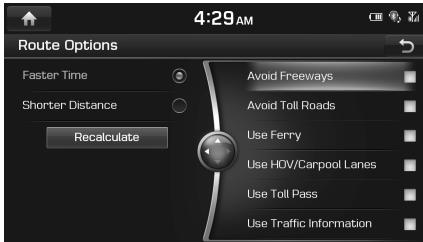
Cancel Route

If you want to stop the route guidance when a route is active, press [MENU] > [Route] > [Cancel Route] or press [NAV] > [Route] > [Cancel Route].

Route Options

You can modify the route conditions or confirm the route information. Set the appropriate route condition according to your purpose.

1. Press [NAV] or [MENU] > [Route] > [Route Options].



2. Set the desired options.

- [Faster Time]: Calculates the route based on the fastest arrival time.
- [Shorter Distance]: Calculates the route based on the shortest distance.
- [Avoid Freeways]: Searches for a route that minimizes or avoids the freeway.
- [Avoid Toll Roads]: Searches for a route that minimizes or avoids toll roads.
- [Use Ferry]: Searches for a route that includes the use of ferries.

- [Use HOV/Carpool Lanes]: Searches for a route that includes the use of HOV/Carpool Lanes.

- [Use Toll Pass]: Searches for a route that includes the use of Toll Pass.

- [Use Traffic Information]: Searches for a route reflecting the real time Traffic Information.

- [Avoid Private/Gated Roads]: Searches for a route that minimizes or avoids the Private / Gated Roads.

3. Press [Recalculate].

Note

The items set by user may not be reflected depending on condition.

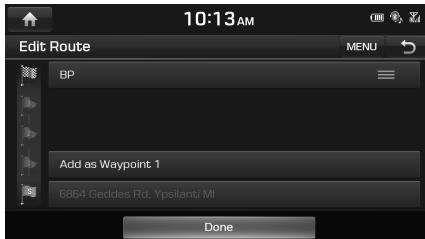
Using the Route Menu

Edit Route

This feature allows you to travel through the searched routes by editing the current route. Waypoints can be added/deleted/edited and the order can be changed.

Adding waypoints

1. Press [NAV] > [Route] > [Edit Route].



2. Press [Add as Waypoint (1/2/3)].
3. Add the waypoint through destination search function.



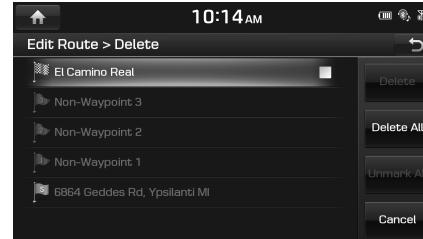
4. If you want to add an waypoint, follow steps 2~3.
5. Press [Done] > [Start Guidance].

Reordering Route

1. Press [NAV] > [Route] > [Edit Route].
2. Press the desired item from the list.
3. Move the selected item up and down. Or Drag it to the desired position.
4. Press [Done] > [Start Guidance].

Deleting Route

1. Press [NAV] > [Route] > [Edit Route].
2. Press [MENU] > [Delete].



3. Select the desired item, then press [Delete].
 - [Delete]: Deletes the selected items.
 - [Delete All]: Cancels the route.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

Using the Route Menu

Route Info / Avoid

This allows you to check the route information and search for new route by avoiding the selected street(s).

1. Press [NAV] > [Route] > [Route Info / Avoid].



2. Press [Avoid] to select the street(s) that you want to avoid.
3. Press [Done] to plan new route.

Route Overview

You can check the entire route between your current location and your destination.

1. Press [NAV] > [Route] > [Route Overview].



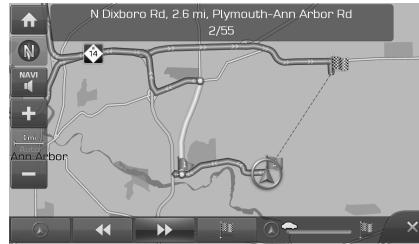
2. Press the desired item.

- [Start Guidance]: Starts the route guidance.
- Press [Route Options] to set the route option. For more details, refer to "Route Options" on page 84.
- Press [Route Preview] to scan the route. For more details, refer to "Route Preview" on page 86.
- Press [Edit Route] to edit the route. For more details, refer to "Edit Route" on page 85.
- Press [Cancel Route] to cancel the route. For more details, refer to "Cancel Route" on page 84.

Route Preview

This allows you to check the detailed turn-by-turn list.

1. Press [NAV] > [Route] > [Route Preview].



2. Press the desired item.

- : Move to the departure location.
- : Move to the previous position.
- : Move to the next position.
- : Move to the destination location.
- : Quick move to the specific position.
- : Close the route scan.

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About Map Updates

You can contact your KIA dealer or Call HYUNDAI MNSOFT at 1-888-757-0010.

Information

- This product requires regular updates for new functions and map updates. Updating may require up to 1 hour depending on the data size.
- Turning off the power or ejecting the SD card during the update process may result in damage to the system. Make sure to keep the ignition on and wait until updating is complete.

CAUTION

- Please use only the SD card that was included with the vehicle purchase.
- The use of an uncertified SD card may result in damage to the system due to heat related deformation.
- Product malfunctions caused by the use of an uncertified cards shall not be covered within the product warranty.
- Repeatedly connecting/disconnecting the SD card in a short period of time may cause damage to the device.

Bluetooth® Wireless Technology

Before Using the Bluetooth Handsfree

What is Bluetooth Wireless Technology?

- Bluetooth Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth phones, PDAs, various electronic devices, and automotive environments, Bluetooth Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth mobile phones through the system.
- The Bluetooth Handsfree feature may not be supported in some mobile phones.

Precautions for Safe Driving

- Bluetooth is a feature that enables drivers to use handsfree while driving. Connecting the head unit with a Bluetooth phone allows the user to conveniently make calls, receive calls, and manage the phone book. Before using Bluetooth Wireless Technology, carefully read the contents of this user's manual.
- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

Cautions upon Connecting Bluetooth Phone

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth features.
- If you do not want automatic connection with your Bluetooth device, turn the Bluetooth feature off of the Bluetooth device.

- Park the vehicle when pairing the head unit with the mobile phone.
- Some Bluetooth features may occasionally not operate properly depending on the firmware version of your mobile phone. If such features can be operated after receiving a S/W upgrade from your mobile phone manufacturer, unpair all devices and pair again before use.
- When pairing and the head unit with the iPhone for the first time while your iPhone is connected to the USB port with iPhone cable, error message may be displayed on your iPhone. But, this is intended operation. You may ignore it if your iPhone has been connected to the head unit.

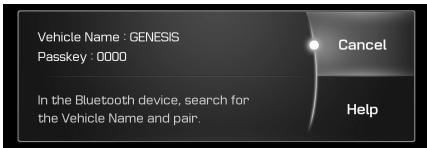
Pairing and connecting the unit and a Bluetooth phone

To use the Bluetooth feature, make sure the Bluetooth on your phone is turned on. Refer to your phone's user guide.

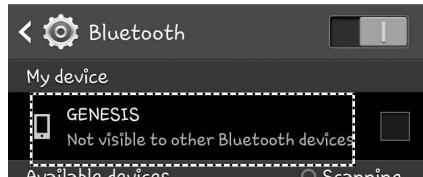
When no phones have been paired

1. Press "PHONE" on the remote control for head unit or "C" on the steering wheel remote control.

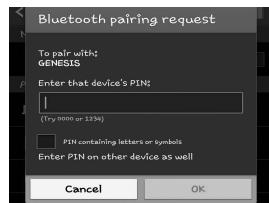
Bluetooth® Wireless Technology



2. On your phone, initiate a search for Bluetooth devices. (The default device name is GENESIS.)

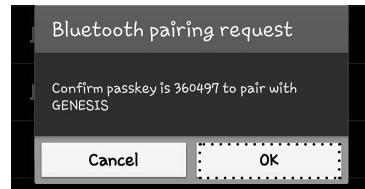


3. 1) If the SSP (Secure Simple Pairing) is not supported, input the passkey on your Bluetooth device. (The default passkey is 0000.)

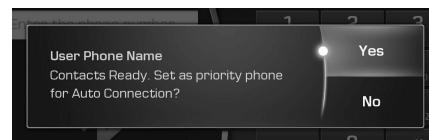


- 2) If the SSP (Secure Simple Pairing) is supported, press [Yes] on the pop-up screen of your Bluetooth device.

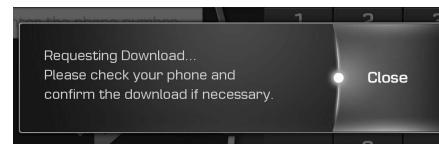
(The pop-up screen may differ from the actual information of the Bluetooth device.)



4. Press [Yes] to connect automatically to the unit and a Bluetooth phone preferentially after ignition switch is in ON position.



When you approve in the mobile phone, the mobile phone contacts and the latest call list are downloaded.



5. When your phone is successfully connected, the phone screen is displayed on the screen. When the connection fails, a failure message is displayed on the screen.



<Phone screen>

Once Bluetooth connection is successful, the name of the connected mobile phone will become displayed on the phone screen and Bluetooth handsfree functions will operate.

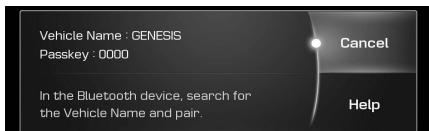
Bluetooth® Wireless Technology

When a phone is already paired

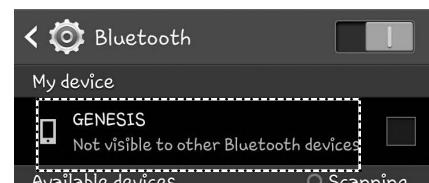
1. Press [HOME] > [Settings] > [Bluetooth] > [Bluetooth Connection].



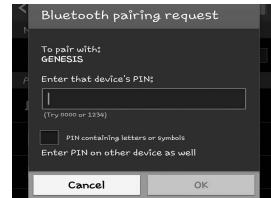
2. 1) Select the device you want to connect.
2) If there is no device you want to connect, press [Add New device].



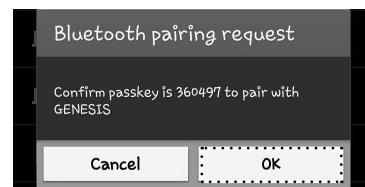
3. On your phone, initiate a search for Bluetooth devices. (The default device name is GENESIS.)



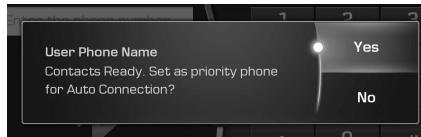
4. 1) If the SSP (Secure Simple Pairing) is not supported, input the passkey on your Bluetooth device. (The default passkey is 0000.)



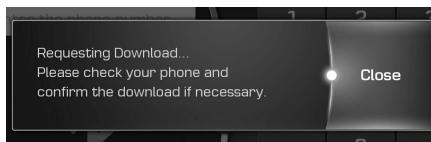
- 2) If the SSP (Secure Simple Pairing) is supported, press [Yes] on the pop-up screen of your Bluetooth device. (The pop-up screen may differ from the actual information of the Bluetooth device.)



5. Press [Yes] to connect automatically to the unit and a Bluetooth phone preferentially after ignition switch is in ON position.



When you approve in the mobile phone, the mobile phone contacts and the latest call list are downloaded.



6. When your phone is successfully connected, the Bluetooth settings screen is displayed on the screen. When the connection fails, a failure message is displayed on the screen.



<Bluetooth settings screen>

Bluetooth® Wireless Technology

! Note

- For safety reasons, pairing a Bluetooth phone is not possible when the vehicle is in motion. Park the vehicle in a safe location to pair a Bluetooth phone. It is possible to pair up to 5 mobile phones. In order to pair a new phone when there are already 5 mobile phones paired, you must first delete one of the previously paired phones.
- Some functions may not be supported due to limited Bluetooth compatibility between the car system and mobile phone.
- When a Bluetooth device is connected, a new device cannot be paired. If you want to pair a new phone, first disconnect the connected Bluetooth device.

Disconnecting the connected phone

- Press [MENU] > [Connection Settings] > [Bluetooth Connection] on the phone screen.



- Select the connected phone.



- Press [YES].

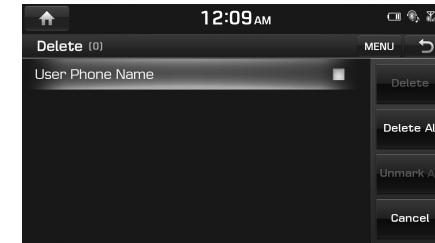
! Note

If you want to connect the disconnected phone again, select the disconnected phone.

Deleting Bluetooth Devices

If you no longer need to use a phone, you can delete the Bluetooth devices. Note that deleting a Bluetooth device will delete all call history and contact entries.

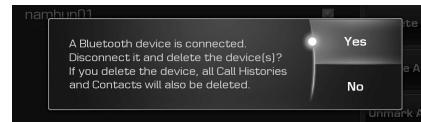
- Press [MENU] > [Connection Settings].
- Press [MENU] > [Delete] on the Bluetooth settings screen.



- Select the phone you want to delete and press [Delete].

- [Delete]: Deletes the selected items.
- [Delete All]: Deletes all items.
- [Unmark All]: Unmarks all items.
- [Cancel]: Exits delete screen.

- Press [Yes] on the pop-up screen.



Making a call by entering phone number

Connect your unit and Bluetooth phone before making a call.

- Enter the phone number using the keypad on the phone screen.
- Press [] on the phone 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.

Bluetooth® Wireless Technology

Making a call by redialing

Press and hold [📞] on the phone screen or "📞" on the steering wheel remote control.



Redialing is not possible when there is no dialed call history.

Making a call with speed dial numbers

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

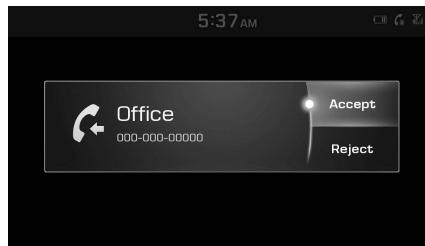
Only speed dial numbers already saved on the mobile phone can be used for speed dial calls. Up to 3-digit speed dial numbers are supported.



For 3-digit speed dial numbers, press and hold the 3rd digit to make a call to the speed dial number.

Answering/Rejecting a call

1. If there is an incoming call, a popup message will appear.
2. Press [Accept] to answer the call.



To reject a call, select [Reject].



- If the Call-ID service is available, the caller's phone number is displayed.
- If caller's phone number is saved in the phone book, the caller's name is displayed on the unit.
- Upon receiving a call, the [Reject] function may not be supported in some mobile phones.

Switching call to the mobile phone

1. If you want to switch the call to the mobile phone while talking on the car handsfree, press [Use Private].

As shown below, the call is switched to the mobile phone.



2. If you want to switch the call to the car handsfree while talking on the mobile phone, press [Use Handsfree].

The call is switched to the car handsfree.

Ending a call

1. To end a call, press [📞 End] on the phone screen or "📞" on the steering wheel remote control.
2. The call is ended.

Bluetooth® Wireless Technology

Using the menu during a phone call

When making a call, you can use the following menu items.

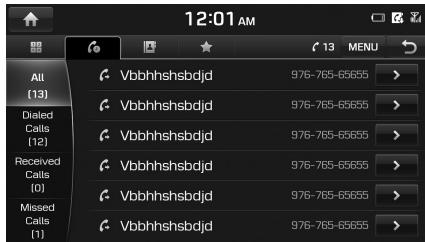


Position	Description
1 Contacts	Displays the Contacts list.
2 Outgoing volume	Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 - 5).
3 Mic On/Off	Turns the Mic On/Off.
4 Keypad	Moves to a screen for entering ARS numbers.

Call history

Making a call from call history

1. Press [6] on the phone screen.



2. Press [All], [Dialed Calls], [Received Calls], or [Missed Calls].
 - [All]: Displays entire call history list.
 - [Dialed Calls]: Displays the outgoing call history list.
 - [Received Calls]: Displays the incoming call history list.
 - [Missed Calls]: Displays the missed call history list.
3. Press the entry you want to call.

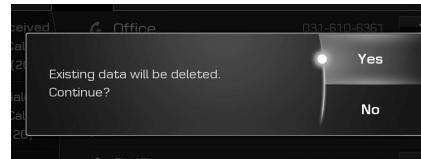
Note

The call history may not be saved in the call history list in some mobile phones.

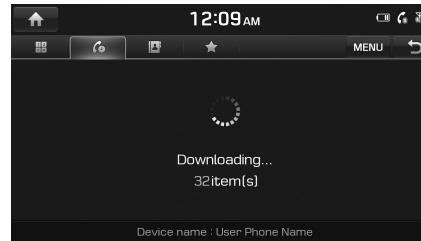
Downloading call history

You can download the call history information from your mobile phone.

1. Press [6] > [MENU] > [Download] on the phone screen.



2. Press [Yes].



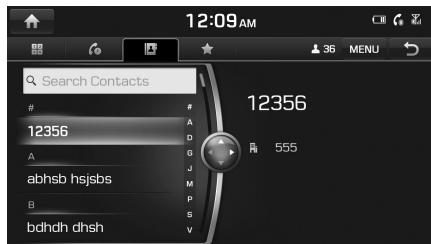
Note

- Up to 50 received, dialed, and missed call history lists can be downloaded.
- The download feature may not be supported in some mobile phones. Check to see that the Bluetooth device supports the download feature.

Bluetooth® Wireless Technology

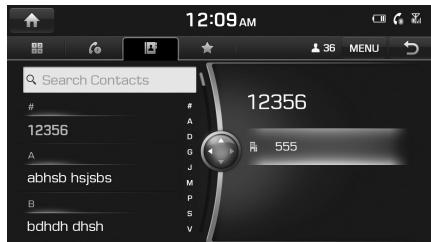
Contacts

1. Press [] on the phone screen.
The contacts are displayed on the screen.



<Contacts screen>

2. Select the contact you want to call from the list of contacts.

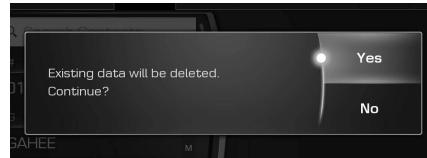


3. Press the phone number to make a call.

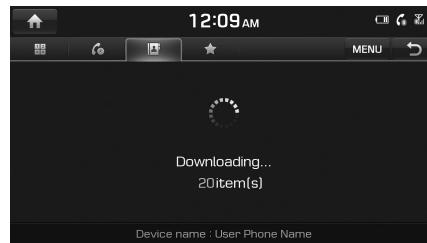
Downloading mobile phone contacts

Up to 5,000 mobile phone contacts can be downloaded.

1. Press [] > [MENU] > [Download] on the phone screen.



2. Press [Yes].



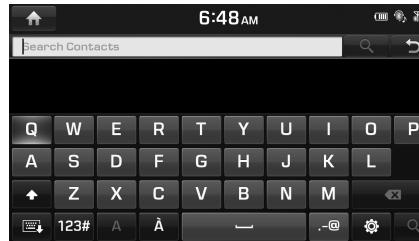
The present phone book is deleted and phone book of connected phone is duplicated.

Note

- Upon downloading mobile phone contacts, the previous data is deleted.
- This feature may not be supported on some mobile phones.

Searching for contacts

1. Press [] > [MENU] > [Search Contacts] on the phone screen.



2. Enter the name or phone number, press [].

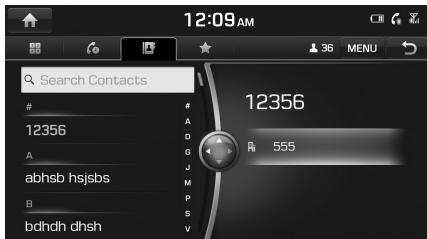
1	18	42481
bdhdb dhsh	01028105092	
D	1248464618	
ddd dss	01071379315123	
Ffcvb	541288	
Fgi		
fhug awerdx		

3. Select the contact you want to call.

Bluetooth® Wireless Technology

Adding as a Favorite

1. Press [] on the phone screen.
The contacts are displayed on the screen.
2. Select the contact from the list of contacts.



3. Press [MENU] > [Add to Favorites] on the phone screen.



Note

Added Favorites can be viewed by pressing [] in the phone screen.

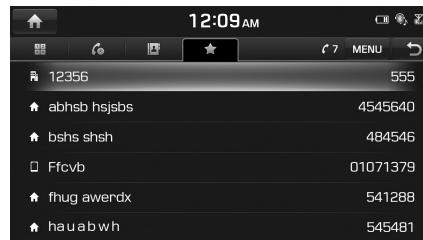
Favorites

Calling Favorites

If the phone number has been already stored in the Favorites, it can be easily called.

First of all, add the phone number in the Favorites. Refer to "Adding as a Favorite" on page 104.

1. Press [] on the phone screen.



<Favorite screen>

2. Select the desired Favorite.

Adding as a Favorite

1. Press [] on the phone screen.
2. Press [MENU] > [Add New] on the Favorites screen.



3. Select the contact from the list of contacts.
4. Press the phone number.

Bluetooth® Wireless Technology

Deleting Favorites

1. Press [★] on the phone screen.
2. Press [MENU] > [Delete] on the Favorites screen.



3. Select the item you want to delete and press [Delete].
 - [Delete]: Deletes the selected items.
 - [Delete All]: Deletes all items.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

Setting Bluetooth Connection

1. Press [■], [●], [□], or [★] on the phone screen.
2. Press [MENU] > [Connection Settings].



3. For more details, refer to "Bluetooth" on page 140.

Voice Recognition System

What is voice recognition?

Voice recognition technology runs the system as ordered by recognizing your voice command to help with the operation of multimedia while you are driving the car. Regrettably, not all possible voice commands are recognized by the system due to technological limitations. To make up for these limitations, the system displays the voice commands that are available for you to use.

There are errors in communication between people. Likewise, voice recognition sometimes misunderstands your voice command under certain circumstances. If this happens, either check the screen for the available options and say the command again, or manually select and press the button for the corresponding command on the screen.

Voice recognition features by language

Voice recognition support availability varies according to the language set for the system.

Please verify the current language setting before using the voice recognition.

- If you change the language set for the system to Korean, voice recognition will not be supported. Change the system language to other language.

Operating voice command

Condition for voice command system

Most of the functions can be operated by voice. Please follow the instructions below for optimal voice recognition performance.

- To improve the voice recognition performance, keep your car interior quiet by closing all windows and the sunroof.
- Press the voice recognition button and say the desired voice command after the beep sound.
- The microphone is positioned above the driver. Voice commands should be spoken by driver practicing proper posture.
- Pronounce the voice commands naturally and clearly as if in a normal conversation.
- Special symbols of Phonebook Name are not considered in voice recognition.
Ex) James-Smith : "James Smith"
- House number or digits in Phonebook Name should be spoken discretely.
Ex) S1234 : "South one two three four"
- Depending on the specifications, some commands may not be supported.

Starting voice recognition

1. Press "  " on the steering wheel remote control.
2. Say a command.

Note

- For proper recognition, please say the command after the voice instruction and beep sound.
- When starting voice recognition, the voice command entry window with six representative commands is displayed.
- If voice recognition is in [Beginner], then the system will provide the detailed voice recognition guidance.
If voice recognition is in [Normal], then the system will provide the simple version of voice recognition guidance.
If voice recognition is in [Expert], then you will only hear a beep.
For further details, refer to "Voice recognition" on page 143.

Voice Recognition System

Skipping prompt messages

While a prompt is playing, press quickly on the steering wheel remote control labeled with "⌂". The prompt is immediately ended and a beep will sound. After the beep, please say the voice command.

Re-starting voice recognition

While the system waits for input, press quickly on the steering wheel remote control labeled with "⌂". The beep tone will sound, indicating the system is listening for a new input. Say a voice command.

Ending voice recognition

- While voice recognition is operating, press and hold the control labeled "⌂" on the steering wheel remote control, or say 'Exit'.
- While using voice recognition, pressing other button except on the steering wheel remote control or a different button on head unit will end voice recognition.

Adjusting voice recognition volume

While voice recognition is operating, turn "VOL" knob on the head unit or press "VOL+/VOL-" on the steering wheel remote control.

Basic operation for voice command (Setting FM)

1. Press the control on the steering wheel remote control labeled "⌂".

The system waits for your command and displays a list of available commands on the screen.



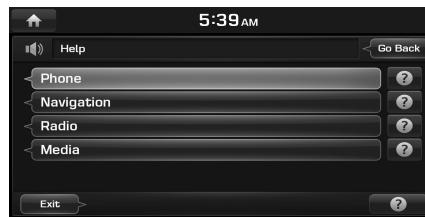
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say 'Help'.

You might find this feature useful when you do not want to wait for the full voice guide or when the system does not recognize your voice.



About voice command "Help"

1. Press the "⌂" on the steering wheel remote control.
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Help".
The available commands are displayed on the screen.



3. Select or say the displayed command on the screen.

Voice Recognition System

Voice command list

Voice recognition commands are classified as "Global Commands" and "Local Commands".

- Global commands (●) : Commands that can be used immediately after activating voice recognition.
- Local commands (□) : Commands that can be used in specific multimedia/navigation/Bluetooth mode states.



Note

Some global and local commands will operate properly only when a USB, iPod, Bluetooth or other device has been connected.

Phone commands

- Voice commands related to phone calls can be used after connecting the Bluetooth phone device.
- To call a person, for example "Call <John Smith>" whose name is listed in contacts, you must first download the mobile phone contacts. (Up to 5,000 mobile phone contacts can be downloaded.) For more details on downloading contacts, see "Downloading mobile phone contacts" on page 103.
- After downloading the Bluetooth phone contacts, it will take some time to convert the phone contacts into voice data during which time you cannot make a call by name yet. The time that it taken to convert voice data may vary depending on the number of contacts downloaded.

Command		Operation
●	Call	Downloaded mobile phone contacts is displayed on the screen, and afterwards, you can make a call by speaking the name.
●	Call <Name>	You can immediately make a call to (name) in the downloaded mobile phone contacts. Ex.) "Call John Smith"
●	Call <Name> on Mobile	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as 'mobile'. Ex.) "Call John Smith on mobile"
●	Call <Name> in Office	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as 'office'. Ex.) "Call John Smith in office"
●	Call <Name> at Home	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as 'home'. Ex.) "Call John Smith at home"

Voice Recognition System

●	Call <Name> on Other	You can immediately make a call to (name) in the downloaded mobile phone contacts saved as another phone category except 'mobile, home, office'. Ex.) "Call John Smith on other"
●	Dial number	Displays a screen where you can say a phone number to dial.
●	Dial <Phone #>	You can make a call by directly speaking the number you want to call. Ex.) Dial 123-456-7890 : "Dial one two three four five six seven eight nine zero"
●	Redial	Directly calls the number that you last dialed.
●	Call history	Displays your Call History, where you can say the list number to make a call.

Radio commands

Command	Operation
● Radio	Plays the most recent radio channels from FM, AM, and SiriusXM™.
● FM	Plays FM radio.
● FM <87.5 ~ 107.9>	Tunes to FM <Frequency> according to what you say. Ex.) FM 87.5 : "FM eighty seven point five"
● AM	Plays AM radio.
● AM <530 ~ 1710>	Tunes to AM <Frequency> according to what you say. Ex.) AM 530 : "AM five hundred thirty"
□ Preset <1~18>	Tunes to your preset stations (FM/AM: 1 to 12, SiriusXM: 1 to 18).
● SiriusXM™	Plays SiriusXM™ radio.
● SiriusXM™ Channel <0~999>	Tunes to SiriusXM™ Channel <Channel Number> according to what you say. Ex.) SiriusXM™ Channel 23: SiriusXM™ Channel twenty three
□ Channel <0~999>	In SiriusXM™ Radio mode, tunes to the channel <Channel Number> that you say.

Voice Recognition System

Media commands

Check the followings before you use media commands.

1. If media is not connected or playable files in media do not exist when you use media commands, a voice message will tell you that this is not available at present.
2. If you say a command that equal to current status, then it will maintain the current status. Ex.) Saying "USB music" while USB music file is playing.

Command	Operation
● Music	The previously played music source will resume playing.
● Disc	Plays a disc that is currently inserted.
● iPod	Plays a music file of iPod that is currently connected. It works identically when iPhone is connected and if not iPod but USB is connected, it will play a music file of USB instead of iPod. USB and iPod command are interchangeable.
● USB	Plays or displays a file of USB that is currently connected. If not USB but iPod is connected, it plays a music file of iPod instead of USB.
● Bluetooth Audio	Plays a music file of currently connected Bluetooth mobile phone. It may not be supported according to Bluetooth connection condition.
● AUX	Plays a music file of external device connected in the AUX jack.
● Jukebox	Plays a file of jukebox saved in the system.
● Jukebox Music	Plays a music file saved in jukebox.
● USB Music	Plays a music file from the connected USB that was recently played.
● Pandora Radio	Plays Pandora Radio of device currently connected. Pandora Radio operates according to the device currently connected. (USA Only)

Voice Recognition System

Audio CD commands

Command	Operation
<input type="checkbox"/> Play	Starts to play a track. If a track is already playing, the track continues to play.
<input type="checkbox"/> Pause	If a track is playing, this will pause the track. If the track is already paused, the track will remain paused.
<input type="checkbox"/> Track <1~99>	This will play the track number spoken.
<input type="checkbox"/> Shuffle	This will make the system play all tracks in a random order. If the track is already playing in a random order, no change will occur.
<input type="checkbox"/> Shuffle Off	This cancels playing in a random order and returns to playing tracks sequentially. If the tracks are already being played sequentially, no change will occur.
<input type="checkbox"/> Repeat	This will repeat the track being played. If 'Repeat' is already active, no change will occur.
<input type="checkbox"/> Repeat Off	This cancels 'Repeat' and returns to playing tracks sequentially. If the tracks are already being played sequentially, no change will occur.

Voice Recognition System

MP3 CD/ USB music/ Jukebox music/ iPod® commands

Command		Operation
<input type="checkbox"/>	Play	Plays a stopped track. If it is playing, it remains the current condition.
<input type="checkbox"/>	Pause	Pauses a playing track. If it is paused, it remains the current condition.
<input type="checkbox"/>	Shuffle	Plays randomly all tracks. If it is randomly playing, it remains the current condition.
<input type="checkbox"/>	Shuffle Off	Cancels the random playing and sequentially plays all tracks. If it is sequentially playing, it remains the current condition.
<input type="checkbox"/>	Repeat	Repeats the playing track. If it is repeating, it remains the current condition.
<input type="checkbox"/>	Repeat Off	Cancels the repeat and sequentially plays all tracks. If it is sequentially playing, it remains the current condition.

Bluetooth audio/ AUX commands

For Bluetooth audio, there are differences in the supported functions according to the connected devices, and the commands such as play, pause, etc. are not supported.

For AUX (external device), video, and image, the commands such as play, pause, etc. are not supported.

Voice Recognition System

Navigation commands

Check the following before you use navigation commands :

1. Search for and find addresses located in the state or province your car is currently in.

If you want to search in another state, say the name of state/province and then say the address.

"Find Address" command is classified by states/provinces to provide you with faster service.

2. Some commands such as "Cancel Route" are available only when the destination is fixed.

Command	Operation
● Find Address in <State>	<ul style="list-style-type: none">• Finds the address in <State> and sets it as the destination. Ex.) Find Address in California• To find an address, you should say "House Number → Street → City" (in order, excluding the state). Ex.) 300 (Three Zero Zero), Main Street, Almond
● Find Address	Finds the address and sets it as the destination.
● Find the Nearest POI	Finds the nearest points of interest from your current location. After this command, you can find the name of a location step-by-step.
● Find the Nearest <Category>	Immediately finds <Category> of POI nearest to your current location. For more details of <Category>, see the "List of Nearest Locations" on page 117. Ex.) Find the Nearest "Parking"
● POIs Near Destination	Finds POIs near the destination. After this command, you can find the name of POIs step-by-step.
● <Category> Near Destination	Finds <Category> of POI near the destination. For more details of <Category>, see the "List of Nearest Locations" on page 117. Ex.) "Banks" Near Destination
● Map	Moves to the current position on the navigation map.

Voice Recognition System

●	Previous Points	Displays a list combining Previous Destinations, Previous Searches, and Previous Starting Points all together. You can set a destination by saying the list number.
●	Previous Destinations	Displays a list of recent destinations and you can set a destination by saying the number on the list.
●	Previous Searches	Displays a list of recent searches, where you can set a destination by saying the number on the list.
●	Previous Starting Points	Displays a list of recent starting points and you can set a destination by saying the number on the list.
●	Traffic Information	Moves to the Traffic Information menu screen.
●	Go Home	Set your home as the destination. Your home address must be set up in the Navigation System.
●	Go to Office	Set the destination to your office/place of work. Your office/place of work must be set up in the Navigation System.
●	Turn Guidance On	Turns on the voice guidance system.
●	Turn Guidance Off	Turns off the voice guidance system.
●	Zoom All the Way In	Zooms in on the navigation map to the fullest.
●	Zoom All the Way Out	Zooms out from the navigation map to the fullest.
●	Cancel Route	Cancels the route to the fixed destination and exits guidance.
●	Destination Information	Tells you the remaining distance and time to your destination.
●	Route Options	Restarts the route to your destination. You can select either "Faster Time" or "Shorter Distance".
●	Find Faster Time Route	Starts a new route to your destination that will take the least amount of time.
●	Find Shorter Distance Route	Starts a new route to your destination that will use the shortest distance.

Voice Recognition System

●	Emergency Services	Displays a list of nearest Police Station, Hospital, Dealership, or Road Assistance. You can set a destination by saying the list number.
●	Police Station	Displays a list of the nearest police stations. You can set a destination by saying number on the list.
●	Hospital	Displays a list of the nearest hospitals. You can set a destination by saying number on the list.
●	Dealership	Displays a list of the nearest car dealerships. You can set a destination by saying number on the list.
●	Road Assistance	Displays a list of the nearest road assistance locations. You can set a destination by saying number on the list.
●	Show Route	Displays a map overview of the entire route to your destination.

Voice Recognition System

Other Commands (Commands used in List / Help/ etc.)

Command	Operation
● Help	Goes to the voice recognition help screen. All available commands can then be identified and used.
□ Yes/No	When voice recognition is active, this command is used when an answer is requested for a confirmation question.
□ Line 1-5 (One-Five)	When you cannot select a certain name, such as in Call History, you can select it using line number. Simple numbers, such as "one" and "two", can be recognized.
□ Next Page/ Previous Page	When five or more searched items are listed, you can move to the previous or next page using a voice command.
□ Manual Input	When Dial or Destination search results are displayed, this command is used to search manually rather than searching using a voice command. Voice recognition stops after this command is used.
□ Go Back	Goes back to the previous screen.
● Exit	Ends the voice recognition.

Voice Recognition System

List of Nearest Locations

Navigation location names may be changed after a softwate update.

Restaurants

- Fast Food
- Church's Chicken
- White Castle
- Seasons 52
- Red Lobster
- Coffee Shop
- Dairy Queen
- Applebee's
- Sheetz
- Starbucks
- American
- Firehouse Subs
- Bahama Breeze
- Silver Fox
- Dunkin' Donuts
- Italian
- Fleming's
- Boston's Restaurant & Sports Bar
- TGI Friday's
- Auntie Anne's
- Latin American
- Hardee's
- Cheeseburger in Paradise
- The Capital Grille
- Baskin-Robbins
- Mexican
- In-N-Out Burger
- Chili's Grill & Bar
- Bonefish Grill
- Haagen-Dazs
- Asian
- Jack in the Box
- Cool River
- Carrabba's Italian Grill
- Hooters
- Chinese
- Jimmy John's
- Denny's
- Chuck E Cheese's
- Roy's
- Japanese
- KFC
- Frisch's Big Boy
- Domino's
- TCBY
- Korean
- McAlister's Deli
- Good Eats
- Olive Garden
- VAN DER VALK
- Seafood
- McDonald's
- III Forks
- Papa John's
- Chick-fil-A
- Vegetarian Food
- Panera Bread
- Lee Roy Selmon's
- Papa Murphy's
- Chipotle
- French
- Popeyes
- Lone Star Steakhouse & Saloon
- Pizza 73
- IHOP
- Continental
- Quiznos Sub
- Longhorn Steakhouse
- Pizza Hut
- Little Caesars
- African
- Schlotzsky's
- Luckys Cafe
- pizza pizza
- Long John Silver's
- Others
- SONIC
- Outback Steakhouse
- Cantina Laredo
- Panda Express
- Arby's
- SUBWAY
- Ponderosa
- Chevys
- Waffle House
- Boston Market
- Taco Bell
- Wendy's
- El Chico
- Tim Hortons
- BURGER KING
- Taco John's
- Publix
- PF Chang's China Bistro
- Carl's Jr

Voice Recognition System

Automotive

- Gas Stations
- Parking
- Auto Services
- Road Assistance
- Auto Parts
- Car Washes
- Automobile Dealerships
- Motorcycle Dealerships
- Kia Dealerships
- ampm
- ARCO
- BP
- Canadian Tire
- Chevron
- CITGO
- Conoco
- Esso
- Exxon
- Fleetfuels
- GetGo
- Giant Gasoline
- GTO
- Gulf
- Husky
- Ingles Gas Express
- Martin's Gasoline
- Meijer
- Mobil
- Murphy Express
- Murphy USA
- Petro Stopping Centers
- PETRO-CANADA
- Phillips 66
- Pioneer
- QuikTrip
- Rutter's
- Sheetz
- Shell
- Sinclair
- Sunoco
- Sunoco Canada
- TEXACO
- TravelCenters of America
- Ultramar
- Valero
- Wawa

Recreation

- America's Tire
- BOSCH Car Service
- Certigard
- Discount Tire
- Kal Tire
- Napa
- Sears Auto Center
- 76
- Casey's General Store
- Cenex
- Marathon
- Speedway
- AAA
- Advance Auto Parts
- AutoZone
- Firestone
- GOODYEAR
- Jiffy Lube
- O'Reilly Auto Parts
- Midas
- Mobil
- PETRO-CANADA

Financial Services

- Banks
- ATMs
- Check Cashing Services
- Money Transfer
- Chase
- RBC Bank
- Wells Fargo

Voice Recognition System

Travel

- Airports
- Hotels
- Rental Car Agencies
- Tourist Information
- Tourist Attractions
- Travel Agents
- Rest Areas
- City Centers
- Campgrounds
- Ferry Terminals
- Bus Stations
- Local Transit
- Train Stations
- Americas Best Value Inn
- AmericInn
- Andaz
- Ascend Collection
- Baymont Inn & Suites
- Best Western
- Cambria Suites
- Canadas Best Value Inn
- Candlewood Suites
- Clarion Hotel
- Comfort INN
- Comfort Suites
- CONRAD
- Country Inn & Suites by Carlson
- COURTYARD by Marriott
- Crowne Plaza
- Days Inn
- DELTA
- Doubletree
- Econo Lodge
- Embassy Suites
- Grand Residences by Marriott
- Hampton Inn
- Hampton Inn & Suites
- Hawthorn Suites
- Hilton
- Hilton Garden Inn
- Hilton Grand Vacations
- Holiday Inn
- Holiday Inn Express
- Homewood Suites
- Hotel Indigo
- Howard Johnson
- Hyatt Place
- Hyatt
- Hyatt Summerfield Suites
- Intercontinental
- JW Marriott
- LA QUINTA INN
- Lexington
- Mainstay Suites
- Marriott
- Marriott VACATION CLUB
- Microtel Inns & Suites
- Motel 6
- NOVOTEL
- Omni Hotels
- Park Inn
- Park Plaza
- QUALITY INN
- Radisson
- Radisson SAS
- RAMADA
- Red Roof Inn
- Regent Hotels & Resorts
- Renaissance
- Residence Inn
- Ritz-Carlton Club
- Rodeway Inn
- Sheraton
- Sleep Inn
- SOFITEL
- Staybridge Suites
- Studio 6
- Suburban Extended Stay
- Super 8
- Thriftlodge Canada
- Travelodge
- Travelodge Canada
- VAN DER VALK
- WALDORF ASTORIA COLLECTION
- Wingate by Wyndham
- Wyndham
- Alamo
- AVIS
- Budget
- Dollar Rent A Car
- National
- Thrifty
- Enterprise
- Hertz

Voice Recognition System

Shopping

- Department Stores
- Convenience Stores
- Shopping Centers
- Grocery Stores
- Pharmacies
- Electronics
- Home Specialty Stores
- Sporting Goods
- Music Stores
- Bookstores
- Gifts
- Clothing
- Shoe Stores
- Canadian Tire
- Kmart
- Kohl's
- Nordstrom
- Sears
- Sears Hometown Store
- T.J. Maxx
- Walmart
- 7-Eleven
- ampm
- BP
- Circle K
- Fleetfuels
- GetGo
- GTO
- Murphy Express
- Murphy USA
- Petro Stopping Centers
- QuikTrip
- Rutter's
- Sunoco Canada
- TravelCenters of America
- Wawa
- Giant Food Stores
- IGA
- Ingles Markets
- Martin's Food Markets
- Meijer
- Publix
- Sav-Mor Foods
- Save-A-Lot
- SuperValu
- Best Buy
- Future Shop
- Staples
- OfficeMax
- Dick's Sporting Goods
- Sports Authority
- ABC Fine Wine & Spirits
- Costco
- Home Depot
- Barnes & Noble
- Giant Drugstore
- Giant Eagle
- Ingles Pharmacy
- Kmart Pharmacy
- Martin's Drugstore
- Meijer Pharmacy
- Rite Aid
- Shoppers Drug Mart
- Walgreens

Community

- General Merchandise
- Dollar General
- Dollar Tree
- Family Dollar
- JCPenney
- Target
- Kangaroo Express
- Office Depot
- Food Lion
- Kroger
- CVS/pharmacy
- Kroger Pharmacy
- Target Pharmacy
- AT&T
- GameStop
- RadioShack
- Sprint
- T-Mobile
- US Cellular
- Verizon
- Ace Hardware
- Claire's
- Lowe's
- Merle Norman
- PETCO
- PETSMART
- Sally Beauty Supply
- SHERWIN-WILLIAMS
- True Value
- Mark's
- Payless Shoesource
- Police Stations
- Post Offices
- Libraries
- Schools
- Fire Departments
- Convention Centers
- City Halls
- Civic Centers
- Court Houses
- Government Offices
- Waste & Sanitary
- Utilities
- Business Facilities
- Church
- Synagogue

Services

- Hospitals
- Medical Services
- Physicians
- Tax Services
- Attorneys
- Funeral Homes
- Hair & Beauty
- Cleaning & Laundry
- Social Services
- Communication
- Dentists
- Photography
- Tailors & Alterations
- Movers
- Nursing Home
- Optical
- Personal Services
- Repair Service
- Veterinary Hospital

Siri®

Operating Siri® command

What is Siri®?

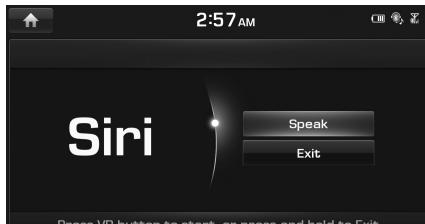
Apple wants to integrate the Siri to specific voice control system by working with car manufacturers.

You can ask Siri through the “” button on the steering wheel remote control while driving.

The Apple device (iOS device) screen does not light up to minimize impact on the driving. If there is “Eyes-free” function, you can operate the Siri feature. (Making phone calls, Playing music, Listening to or writing a text message, Finding the destination by using the map, Looking for calendar information, etc)

Starting Siri®

1. Connect your Apple device (iOS device) to AVN system through Bluetooth.
Please check whether your Apple device (iOS device) supports Siri and turning Siri On.
2. Press and hold “” on the steering wheel remote control.



<Siri screen>

3. Say a command.

For proper recognition, please say the command after the voice instruction and Siri beep tone.

Re-starting Siri®

- While system waits, press “” on the steering wheel remote control. The command waiting condition is ended and the beep tone will make sound. After the “beep”, say the voice command.
- Press [Speak] on the Siri screen. The command waiting condition is ended and the beep tone will make sound. After the “beep”, say the voice command.

Ending Siri®

- While Siri is operating, press and hold “” on the steering wheel remote control or say “Exit”.
- While using voice recognition, pressing other button except on the steering wheel remote control or a different button on head unit will end Siri feature recognition.
- Press [Exit] on the Siri screen.

Adjusting Siri® volume

While Siri is operating, turn “VOL” knob on the head unit or press “VOL+/VOL-” on the steering wheel remote control.

Note

- Please see the AVN system only supports “Music” and “Phone” related functions. Other functions will be performed in your Apple device (iOS device).
- Eyes-Free mode would be activated automatically while you are driving. If the car is stopped (when the transmission lever is put to P), Eyes-Free mode would be deactivated automatically.

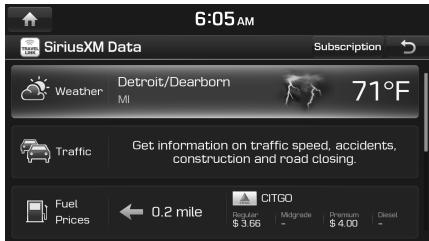
SiriusXM™ Data

About SiriusXM™ Data

The SiriusXM Data Service is a paid membership satellite radio service which provides users with weather, traffic, fuel prices, stock, sports, and movie time information. For information on registration or related content, please visit the SiriusXM radio website (www.siriusxm.com).

Accessing SiriusXM™ Data

1. Press [HOME] > [SiriusXM Data].



<SiriusXM Data screen>

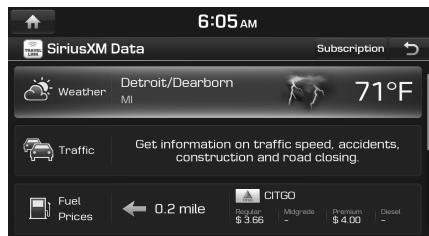
2. If you want to subscribe to the SiriusXM Data Service, press [Subscription] > [Call] to enable Services.

SiriusXM™ Weather Information (USA Only)

Current weather information (USA Only)

This service provides current weather information in your region.

1. Press [HOME] > [SiriusXM Data].
This current weather information is displayed on the screen.



<SiriusXM Data screen>

2. Press [Weather] to check the detail information.



Weather forecast (USA Only)

This service provides weather forecasts for the next six days including today in your region.

1. Press [Weather] > [MENU] in SiriusXM Data screen.



2. Press [Forecast].



- Press [MENU] > [Today] to move to current weather information screen.
- Press [MENU] > [Location List] to move to the Location List screen.

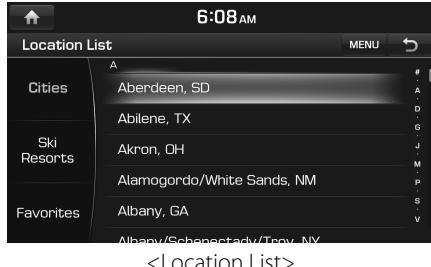
SiriusXM™ Data

- Press [MENU] > [Weather & Security Alerts] to move to the Weather & Security Alerts screen.
- Press [MENU] > [Weather Map] to move to the Radar Map screen.

Weather information in other region (USA Only)

This service provides weather information in other region.

1. Press [Weather] > [MENU] > [Location List] > [Cities] in SiriusXM Data screen.



2. Select the desired region.



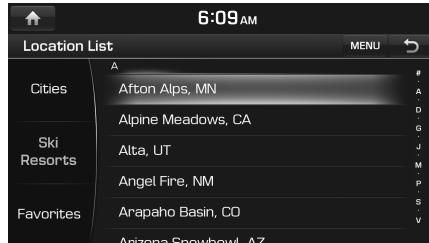
Note

If you want to display weather information in your current location, press [].

Weather information at ski resorts (USA Only)

This service provides weather and facility information at ski resorts.

1. Press [Weather] > [MENU] > [Location List] > [Ski Resorts] in SiriusXM Data screen.

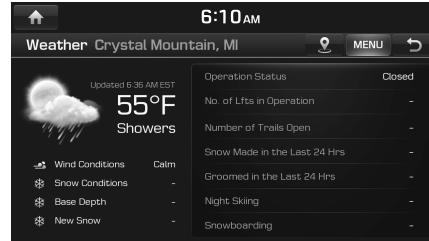


2. Select the desired ski resort.



Note

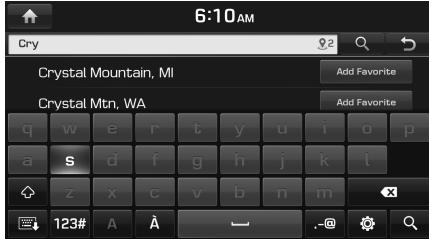
If you want to check weather information in your current location, press [].



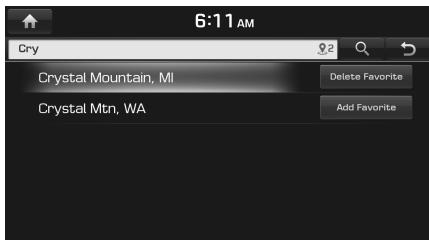
SiriusXM™ Data

Searching for other region or ski resort (USA Only)

1. Press [Cities] or [Ski Resorts] > [MENU] > [Search] on the Location List.
2. Enter the desired region or ski resort, press .



3. Select the desired item.



4. If you want to add the selected item in the Favorites, press [Add Favorite].

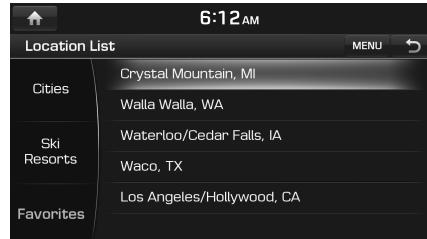
If you want to delete the item saved in the Favorites, press [Delete Favorite].

Favorites (USA Only)

If the city or ski resort have already been stored in the Favorites, it can be easily recalled.

Add the city or ski resort in the Favorites. Refer to "Adding to Favorites" on page 124.

1. Press [Favorites] on the Location List.



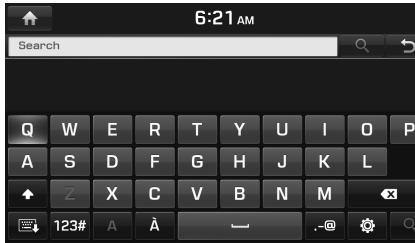
2. Select the desired item.



Adding to Favorites (USA Only)

A maximum of 10 items can be added.

1. Press [Favorites] > [MENU] > [Add Favorite] on the Location List.
2. Enter the desired location, press .



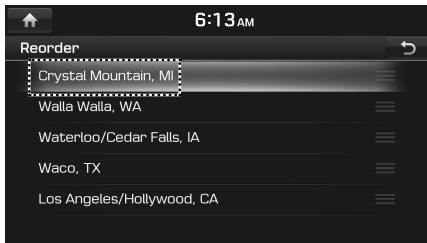
3. Select the desired item.

SiriusXM™ Data

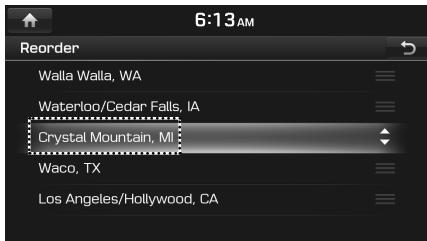
Reordering Favorites (USA Only)

The added items in Favorites can be reordered.

1. Press [Favorites] > [MENU] > [Reorder] in Location List.
2. Press the desired item.

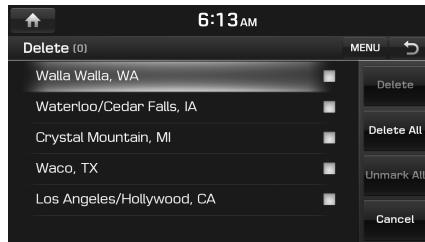


3. Move up and down and press the selected item, or drag it to the desired position.



Deleting Favorites (USA Only)

1. Press [Favorites] > [MENU] > [Delete] in Location List.

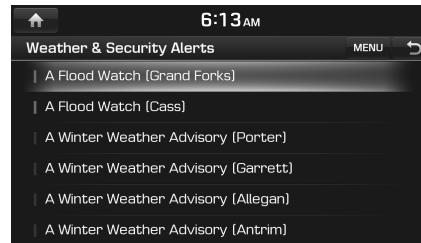


2. Select the item you want to delete and press [Delete].
 - [Delete All]: Deletes all items.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

Weather & Security Alerts (USA Only)

Provides weather warnings and advisories, such as Tornado, Storm, Flood, Winter, Wind etc..

1. Press [Weather] > [MENU] > [Weather & Security Alerts] in SiriusXM Data screen.



- Press [MENU] > [Prioritization Levels] > [All], [Low], [High] or [Severe] to set the prioritization levels.
- Press [MENU] > [Set Range] > [50 miles], [100 miles], [200 miles] or [300 miles] to set the distance range.
- Press [MENU] > [Marine/coastal] to set whether to include regional information of the Marine/coastal.
- Press [MENU] > [Show Popup] to set whether or not to display alert pop-ups.

SiriusXM™ Data

2. Press the desired item.



Weather Map (USA Only)

Provides up-to-date weather information across the country.
Zoom in to view more detailed information in specific regions.

1. Press [Weather] > [MENU] > [Weather Map] in SiriusXM Data screen.



- Press [MENU] > [Full Screen] to hide all icons.

- Press [MENU] > [Weather Front] to set whether to display cold/warm air fronts.
 - Press [MENU] > [Isobar] to set whether to display the Isobar.
 - Press [MENU] > [Pressure Center] to set whether to display the Pressure center.
 - Press [MENU] > [NOWRad] to set whether to display the storm track.
2. Press [+]/[-] to use the zoom in and out features.

Push the controller up, down, left, or right to move to the desired location.

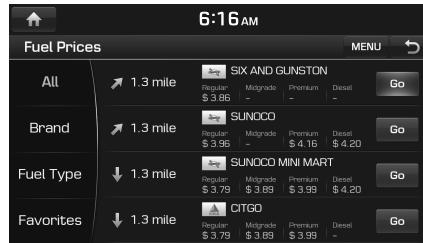
SiriusXM Traffic Information

Press [Traffic] to enter the Traffic Announcement mode in SiriusXM Data screen. Refer to "Traffic information list" on page 74.

SiriusXM™ Fuel Prices Information (USA Only)

Finding gas station (USA Only)

1. Press [Fuel Prices] in SiriusXM Data screen.

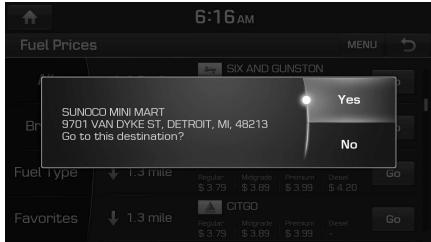


<Fuel Prices List>

- [All]: Displays all gas stations.
 - [Brand]: Displays gas stations by brand.
 - [Fuel Type]: Displays gas stations by fuel type.
 - [Favorites]: Moves to the [Favorites] menu.
- Press [MENU] > [Sort by] > [Distance], [Price], [A - Z] to sort in Distance, Price, or Alphabetical order. The [On Route] option displays only gas stations when a route is set, starting with nearest to current location.

SiriusXM™ Data

- Press [MENU] > [Search] to search for the gas station. For more details, refer to "Searching for gas station" on page 127.
- 2. Press [Go] > [Yes].



Note

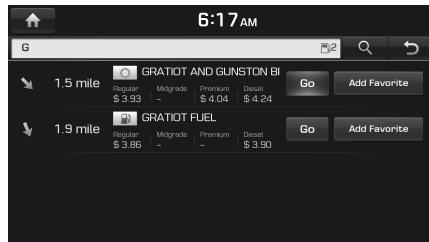
Within 30 miles, a maximum of 65 items can be displayed.

Searching for gas station (USA Only)

1. Press [MENU] > [Search] in Fuel Prices List.
2. Enter the desired gas station and press [Q].



3. To store the desired item as a favorite, press [Add Favorite].



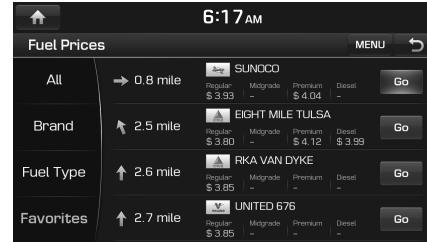
4. Press [Go] > [Yes].

Favorites (USA Only)

If the gas station has been already stored in the Favorites, it can be easily recalled.

First of all, add the gas station in the Favorites. Refer to "Adding to Favorites" on page 128.

1. Press [Favorites] in Fuel Prices List.



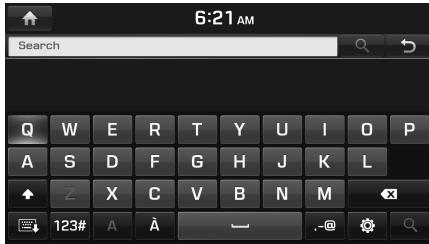
2. Press [Go] > [Yes].

SiriusXM™ Data

Adding to Favorites (USA Only)

A maximum of 10 items can be added.

1. Press [Favorites] > [MENU] > [Add Favorite] in Fuel Prices List.
2. Enter the desired gas station and press [Q].



3. Select the desired item.

Sorting Favorites (USA Only)

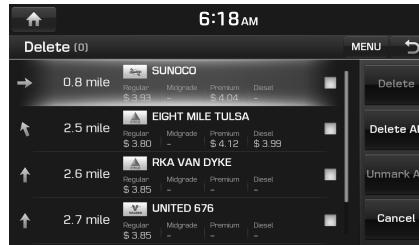
The added items in Favorites can be sorted.

1. Press [Favorites] > [MENU] > [Sort by] in Fuel Prices List.
2. Press [MENU] > [Sort by] > [Distance], [Price], [A - Z] to display in Distance, Price, or Alphabetical order. The [On Route] option displays only gas stations when a route is set, starting with nearest to current location.



Deleting Favorites (USA Only)

1. Press [Favorites] > [MENU] > [Delete] in Fuel Prices List.



2. Select the item you want to delete and press [Delete].
 - [Delete All]: Deletes all items.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

SiriusXM™ Data

SiriusXM™ Stocks Information

View real time information of the stock market.

Favorites

Press [Stocks] in SiriusXM Data screen.

Stocks added as favorites are displayed in the main screen.



<Stocks main screen>

Note

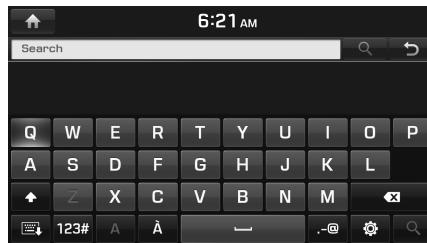
When entering Stocks for the first time, a screen is displayed to add your favorite stock information. Press [Search] to find and add your favorite stocks.



Adding to Favorites

A maximum of 100 items can be added.

1. Press [MENU] > [Add Favorite] in Stocks main screen.
2. Enter the favorite stocks and press [Q].

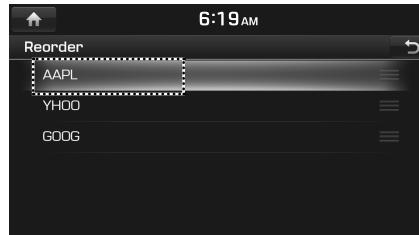


3. Select the desired item.

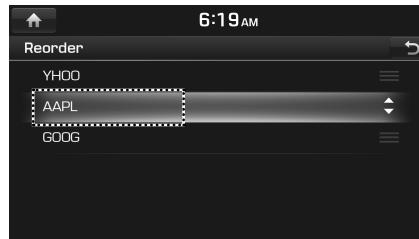
Reordering Favorites

The added items in Favorites can be reordered.

1. Press [MENU] > [Reorder] in Stocks main screen.
2. Press the desired item.



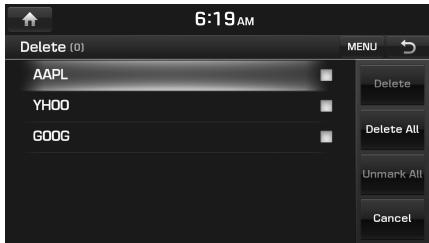
3. Move up and down and press the selected item, or drag it to the desired position.



SiriusXM™ Data

Deleting Favorites

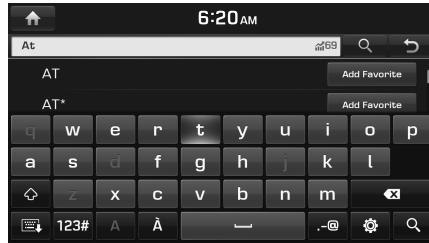
1. Press [MENU] > [Delete] in Stocks main screen.



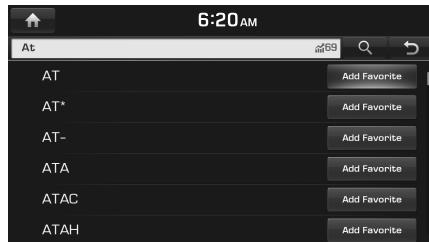
2. Select the item you want to delete and press [Delete].
 - [Delete All]: Deletes all items.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

Stock Search

1. Press [Search] in Stocks main screen.
2. Enter your favorite stocks and press [Q].



3. Press [Add Favorite] to save them.

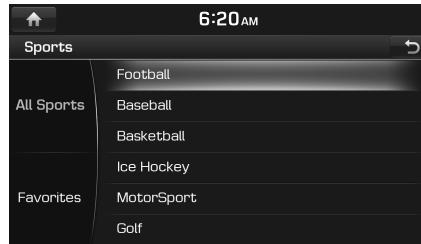


4. Added stocks will display in the Favorites screen.

SiriusXM™ Sports Information

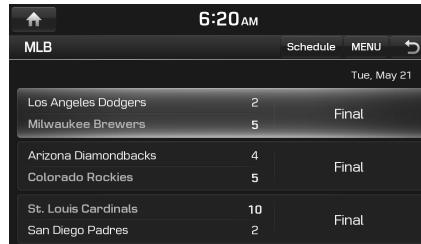
Provides real-time information on scores and schedules all major sports.

1. Press [Sports] in SiriusXM™ Data screen.



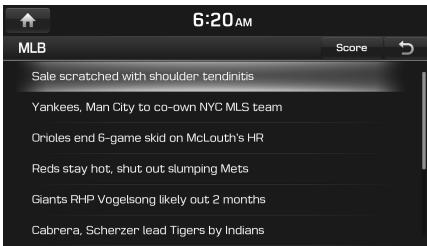
<Sports main screen>

2. Press the desired item to view related sports information.



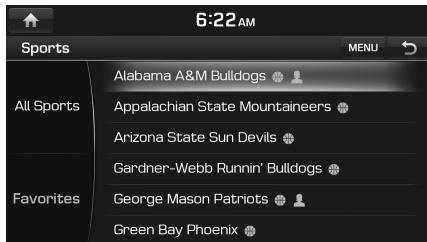
SiriusXM™ Data

- Press [Schedule] or [MENU] > [Schedule] to display schedules for the next seven days.
- Press [Score] or [MENU] > [Scores] to display scores for 2 days from today.
- Press [MENU] > [SXM Radio Game Zone] to tune into current games in Game Zone.
- Press [MENU] > [News] to check new information for each sport.



Favorites

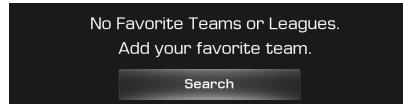
1. Press [Favorites] in Sports main screen.
All teams added as favorites will display in the Favorites list.



2. Select the favorite team.

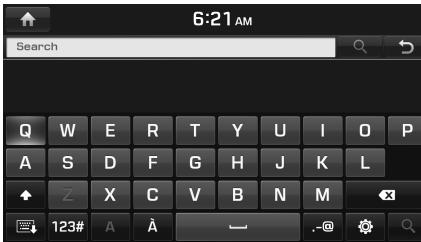
Note

If there are no favorites added, press [Search] to find and add your favorite teams.



Adding to Favorites

1. Press [MENU] > [Add Favorite] in Sports main screen.
2. Enter the favorite teams and press [Q].



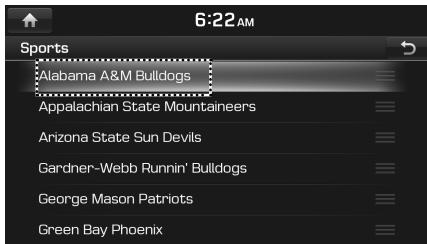
3. Select the desired item.

SiriusXM™ Data

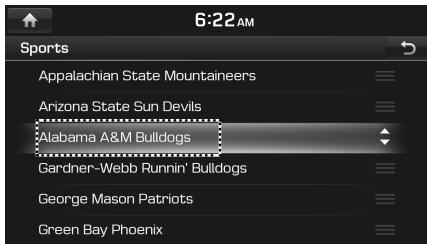
Reordering Favorites

The added items in Favorites can be reordered.

1. Press [MENU] > [Reorder] in Sports main screen.
2. Press the desired item.

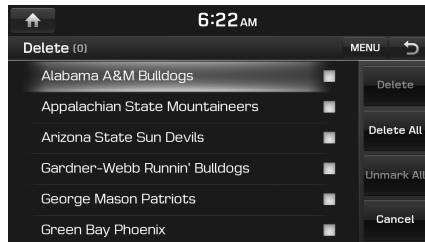


3. Move up and down and press the selected item, or drag it to the desired position.



Deleting Favorites

1. Press [MENU] > [Delete] in Sports main screen.



2. Select the item you want to delete and press [Delete].
 - [Delete All]: Deletes all items.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

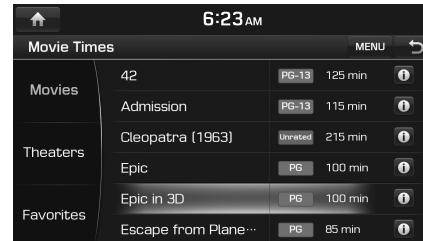
SiriusXM™ Movie Information (USA Only)

You can check recent movies and nearby theaters, and also register your favorite theater locations.

Finding theater by searching for movie (USA Only)

1. Press [Movie Times] > [Movies] in SiriusXM™ Data screen.

The movie list is displayed in alphabetical order by default.



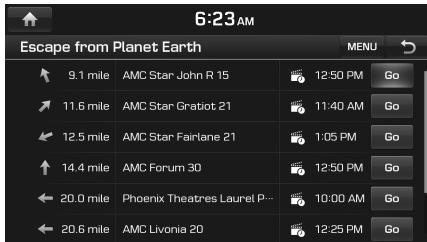
<Movies main screen>

- Press [MENU] > [Sort by] to sort the movies by ratings. Any movies rated higher will be filtered out.
- Press [i] to view more information about that movie.

SiriusXM™ Data

2. Press the desired theater.

The theater list is displayed on the screen.



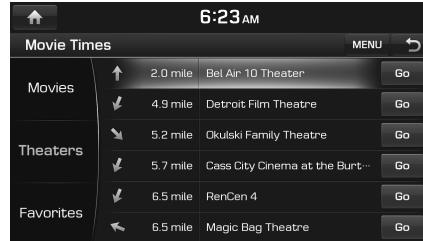
- Press [MENU] > [Sort by] > [Distance] or [Starting Time] to sort in Distance or Starting Time order.

3. Press [Go] > [Yes].

Viewing movie list by searching for theater (USA Only)

1. Press [Theaters] on the Movies main screen.

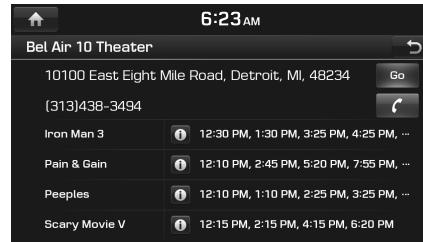
The theater list is displayed on the screen.



- Press [MENU] > [Sort by] > [Distance] or [A - Z] to sort in Distance or Alphabetical order.
- Press [MENU] > [Search] to search for the theater. For more details, refer to "Searching for gas station" on page 127.

2. Press the desired theater.

The movie list is displayed on the screen.



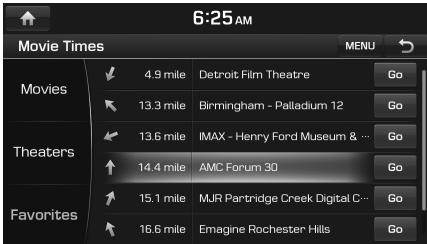
- Press [Go] > [Yes] to find the theater you selected.
- Press [] to make a call to theater.
- Press [] to view more information about that movie.

SiriusXM™ Data

Favorites (USA Only)

1. Press [Favorites] on the Movies main screen.

Favorites is displayed on the screen.
Favorites shows a list of theater added by the user.

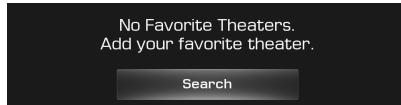


- Press [MENU] > [Add Favorite] to add the desired theater to Favorites. For more details, refer to "Adding to Favorites" on page 134.
 - Press [MENU] > [Delete] to delete the Favorites. For more details, refer to "Deleting Favorites" on page 134.
2. Press [Go] > [Yes].



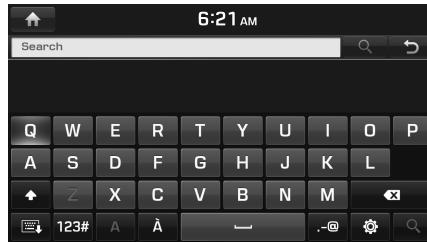
Note

If there are no favorites added, press [Search] to find and add your favorite theaters.



Adding to Favorites (USA Only)

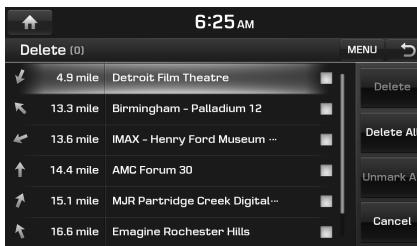
1. Press [Favorites] > [MENU] > [Add Favorite] on the Movies main screen.
2. Enter the favorite theater, press [Q].



3. Select the desired item.

Deleting Favorites (USA Only)

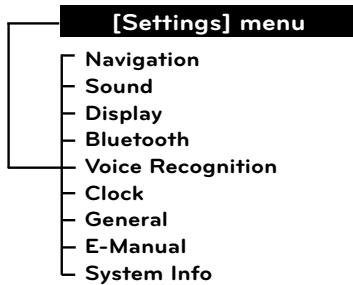
1. Press [MENU] > [Delete] on the Sports main screen.



2. Select the item you want to delete and press [Delete].
 - [Delete All]: Deletes all items.
 - [Unmark All]: Unmarks all items.
 - [Cancel]: Exits delete screen.

Settings

[Settings] menu overview



Navigation

This menu describes navigation settings.

General

This menu is used to change general settings.

1. Press [HOME] > [Settings] > [Navigation] > [General]. Or press [NAV] > [Settings] > [General].



2. Select the desired items.

- [Unit]: Changes the unit between the "mi" and "km".
- [Show Prev. Dest at Navi Start-Up]: Changes the previous destination view setting when starting Navigation. When this is selected and when navigation is started without a route planned, a list of previous destination will be displayed.
- [GPS Information]: Check the GPS information.

Display

This menu is used to change the display environment settings.

1. Press [HOME] > [Settings] > [Navigation] > [Display]. Or press [NAV] > [Settings] > [Display].



2. Select the desired items.

- [Map Mode]: Sets the Map Mode to [Full Map] or [Show Turn List].
- [Map Display]: Sets the Map Display to [Heading Up] or [North Up].
- [Auto Zoom]: Sets whether to set the zoom level automatically or not.
- [Display Traffic]: Sets whether to display the traffic information or not.
- [Map Font]: Sets the Map Font to [Small], [Medium] or [Large].
- [Illumination]: Sets the Illumination to [Automatic], [Daylight] or [Night].
 - [Automatic]: Adjusts the brightness automatically according to surrounding brightness.
 - [Daylight]: Always keeps the brightness on high regardless of surrounding brightness.
 - [Night]: Always keeps the brightness on low regardless of surrounding brightness.

Settings

Guidance

This menu is used to change the guidance settings.

1. Press [HOME] > [Settings] > [Navigation] > [Guidance]. Or press [NAV] > [Settings] > [Guidance].



2. Select the desired items.
 - [Curve Alert]: Sets whether to display the Curve Alert or not.
 - [Speed Limit]: Sets whether to display the Speed Limit alert or not.
 - [Guide Frequency]: Sets the Guide Frequency to [Simple] or [Detailed].

Route

This menu is used to change the route settings.

1. Press [HOME] > [Settings] > [Navigation] > [Route]. Or press [NAV] > [Settings] > [Route].



2. Set whether to search for the Alternative Routes or not.

Note

"Alternative Routes" shows the options of "Faster Time" route and "Shorter Distance" route. However, the "Shorter Distance" route in most cases does not have traffic information, so the time to destination for the "Shorter Distance" route may not always be accurate.

Traffic

This menu is used to change the traffic information event settings.

1. Press [HOME] > [Settings] > [Navigation] > [Traffic]. Or press [NAV] > [Settings] > [Traffic].



2. Set whether to display the Traffic Event Popup or not.
 - [Freeway]: Select whether to display popup message for traffic information on freeway.
 - [Surface Road]: Select whether to display popup message for traffic information on surface road.

Settings

Sound

This menu is used to adjust the sound effects for the whole system.

Volume Ratio

This menu is used to set the volume ratio.

1. Press [HOME] > [Settings] > [Sound] > [Volume Ratio].



2. Select the desired item.
 - [Navigation Priority]: Navigation guidance volume is louder than audio volume.
 - [Equal Volumes]: Audio volume and navigation guidance volume are in identical volume.

Fade/Balance

This menu is used to set the sound position. For example, you can set the sound close to the driver-seat so that the volume is relatively lower in the passenger or rear seats.

1. Press [HOME] > [Settings] > [Sound] > [Fade/Balance].



2. Adjust the Fade/Balance.

Note

Press [Reset] to restore sound to the center position.

Treble/Middle/Bass

This menu is used to set the Treble/Middle/Bass.

1. Press [HOME] > [Settings] > [Sound] > [Treble/Middle/Bass].



2. Adjust the Treble/Middle/Bass.

Note

Press [Reset] to restore sound to the center position.

Settings

Surround Sound

This menu is used to turn the Surround Sound on/off.

Press [HOME] > [Settings] > [Sound] > [Surround Sound].



Speed Dependent Vol.

This menu is used to automatically control the audio volume according to the speed of the vehicle.

Press [HOME] > [Settings] > [Sound] > [Speed Dependent Vol.].



Touch Tone

This menu is used to play a beep sound whenever you operate the touch screen.

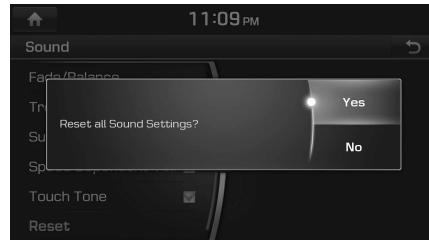
Press [HOME] > [Settings] > [Sound] > [Touch Tone].



Reset

This menu is used to reset all [Sound] settings.

1. Press [HOME] > [Settings] > [Sound] > [Reset].



2. Press [Yes].

Display

This menu is used to control the display brightness and image rate for the whole system.

Set Video Image

The Screen adjustment can be set in video modes, such as DVD, VCD, Jukebox video, USB video, or AUX video.

1. Press [MENU] > [Display Settings] > [Set Video Image].



2. Select the desired options.

- [Brightness]: Adjusts the brightness.
- [Contrast]: Adjusts the contrast.
- [Saturation]: Adjusts the saturation.

Note

Press [Reset] to reset [Set Video Image] settings.

Settings

Set LCD Brightness

This menu is used to set the LCD brightness.

1. Press [HOME] > [Settings] > [Display] > [Set LCD Brightness].



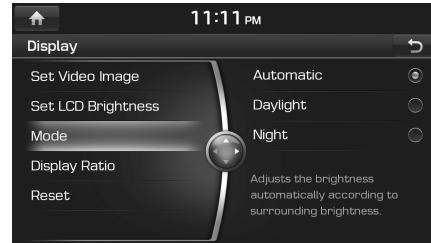
2. Adjust the LCD Brightness.

- [LCD Brightness]: Adjusts the LCD Brightness.
- [Reset]: Resets the LCD Brightness.

Mode

This menu is used to set the display brightness according to mode changes.

1. Press [HOME] > [Settings] > [Display] > [Mode].



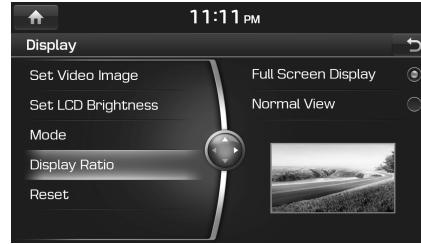
2. Select the desired options.

- [Automatic]: Adjusts the brightness automatically according to surrounding brightness.
- [Daylight]: Always maintains the brightness on high regardless of surrounding brightness.
- [Night]: Always maintains the brightness on low regardless of surrounding brightness.

Display Ratio

The screen ratio is used to set in video modes, such as DVD, VCD, Jukebox video, USB video, or AUX video.

1. Press [HOME] > [Settings] > [Display] > [Display Ratio].



2. Select the desired option.

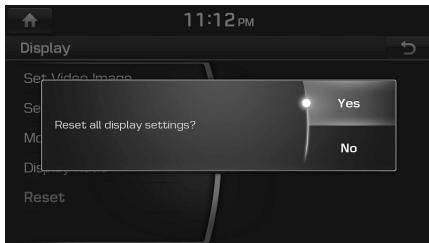
- [Full Screen Display]: Displays the full screen.
- [Normal View]: Displays the 4:3 screen with the black bar appeared at the left and right side.

Settings

Reset

This menu is used to reset all [Display] settings.

1. Press [HOME] > [Settings] > [Display] > [Reset].



2. Press [Yes].

Bluetooth

This menu describes Bluetooth settings.

Bluetooth Connection

This menu is used to pair and connect the head unit and a Bluetooth phone.

1. Press [HOME] > [Settings] > [Bluetooth] > [Bluetooth Connection].

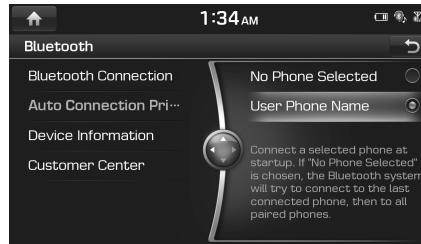


2. Follow steps 2-6 of the "When a phone is already paired" on page 99.

Auto Connection Priority

If auto connection priority is turned on, a Bluetooth device will automatically be connected according to the option setting when the car ignition is turned on.

1. Press [HOME] > [Settings] > [Bluetooth] > [Auto Connection Priority].



2. Press the desired item.

! Note

If the [No Phone Selected] is chosen, the Bluetooth system will try to connect to the last connected phone, then to all paired phones.

Settings

Device Information

This menu allows you to control additional Bluetooth® Wireless Technology related settings.

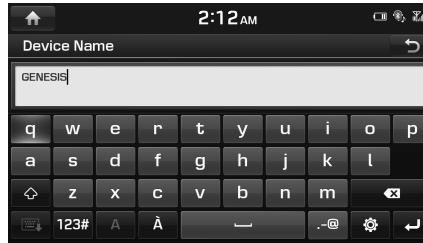
1. Press [HOME] > [Settings] > [Bluetooth] > [Device Information].



2. Press the desired item.
 - [Device Name]: Changes the Bluetooth device name of the vehicle.
 - [Passkey]: Changes the passkey required to connect a Bluetooth device to the car.
 - [Reset]: Deletes all paired devices and resets the bluetooth settings.

Device Name

1. Press [HOME] > [Settings] > [Bluetooth] > [Device Information] > [Device Name].



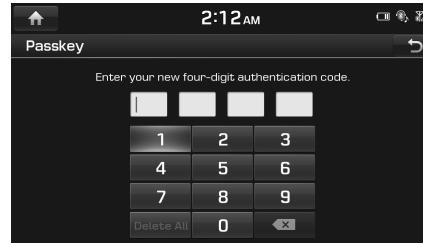
2. Input the desired name using the keypad, then press [].

Note

The default device name is set to GENESIS.

Passkey

1. Press [HOME] > [Settings] > [Bluetooth] > [Device Information] > [Passkey].



2. Input the passkey using the keypad.

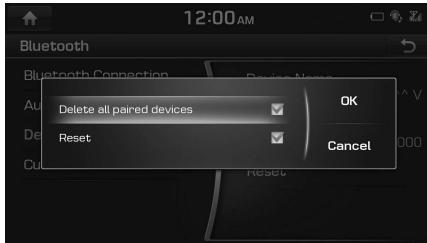
Note

The passkey is a 4-digit authentication code used for a Bluetooth connection between the mobile phone and car system. The default passkey is set to 0000.

Settings

Reset

1. Press [HOME] > [Settings] > [Bluetooth] > [Device Information] > [Reset].



2. Press the desired items.
 - [Delete all paired devices]: Deletes all paired devices.
 - [Reset]: Resets the bluetooth settings.
3. Press [OK].

Customer Center (USA Only)

This menu is used to check the customer center information for Bluetooth system.

- Press [HOME] > [Settings] > [Bluetooth] > [Customer Center].



Settings

Voice Recognition

This menu describes voice recognition settings.

1. Press [HOME] > [Settings] > [Voice Recognition].
2. Select the desired item.



- [Beginner]: Voice Recognition guidance will provide detailed prompts.
- [Normal]: Voice Recognition guidance will provide simple and short prompts.
- [Expert]: Voice Recognition guidance will not provide any prompts. Only a beep will play.

Clock

This menu describes clock settings.

GPS Time

This menu is used to display time according to the received GPS time.

Press [HOME] > [Settings] > [Clock] > [GPS Time].



Note

When the GPS Time is turned off, you can set the time manually.

Time Settings

1. Press [HOME] > [Settings] > [Clock] > [Time Settings].



2. Set the time, then press [OK].

Note

Time settings cannot be used when GPS time is set. To set the time manually, change [GPS Time] setting to off, and set the time.

Settings

Daylight Savings Time

This menu is used to turn on/off daylight savings time feature.

Press [HOME] > [Settings] > [Clock] > [Daylight Savings Time].



Note

- When Daylight Savings Time is turned on, the clock is adjusted forward one hour.
- The default settings of [Daylight Savings Time] is set to on.

Time Zone

This menu is used to select the time zone.

1. Press [HOME] > [Settings] > [Clock] > [Time Zone].



2. Select the desired time zone.

Clock Type

This menu is used to set the type of clock displayed when the system power is turned off.

1. Press [HOME] > [Settings] > [Clock] > [Clock Type].



2. Select [Digital] or [Analog].

Settings

Time Format

This function is used to convert the digital clock display between 12 hour/ 24 hour systems.

1. Press [HOME] > [Settings] > [Clock] > [Time Format].



2. Select [12 Hr] or [24 Hr].

General

Language

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

1. Press [HOME] > [Settings] > [General] > [Language].



2. Select the desired language.

Keyboard

This menu is used to change the type of keyboard used within the system for each language.

The set keyboard will be applied to all input modes across the entire system.

1. Press [HOME] > [Settings] > [General] > [Keyboard].



2. Select the keyboard type.

Settings

Distance Unit

This menu is used to select the Distance Unit to [mi] or [km].

1. Press [HOME] > [Settings] > [General] > [Distance Unit].



2. Press the desired item.

Screen Saver

This menu is used to select the screen displayed when the system power is turned off.

1. Press [HOME] > [Settings] > [General] > [Screen Saver].



2. Press the desired item.
 - [None]: No image is displayed.
 - [Clock]: Displays the clock on the screen.

Settings

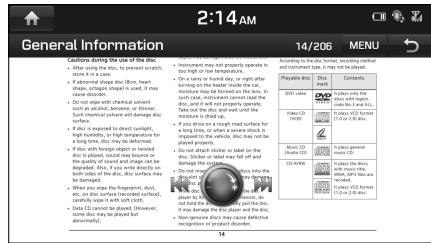
E-Manual

You can see the E-Manual.

1. Press [HOME] > [Settings] > [E-Manual].



2. Press the desired item.



<E-Manual screen>

Skip

You can see the previous or next page.

- Push the controller left or right.
- Press [**◀◀/▶▶**] on the screen.

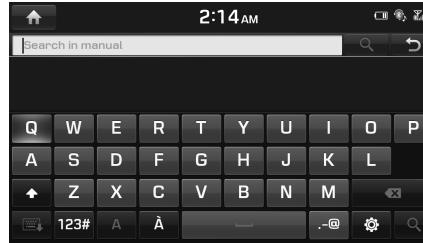
Zoom In/Out

In the electronic manual screen, if you turn the controller left/right, you can enlarge/reduce, and if you push the controller up/down/left/right, you can move it up/down/left/right.

To prevent scratch,	and instrument type,
sc (8cm, heart be) is used, it may	Playable disc Disc ma
chemical solvent zene, or thinner, nt will damage disc	DVD video
direct sunlight, h temperature for y be deformed.	Video CD (VCD)
object or twisted y bounce or nd image can be u write directly on c, disc surface may	Music CD (Audio CD)
too high or low temperature. • After using the disc, never leave disc in a car, in direct sunlight, or near heat source, such as heater, oven, etc.	CD-R/RW
• Instrument may not properly operate in high temperature or low temperature. • If the disc is left in a car, in direct sunlight, or near heat source, such as heater, oven, etc., the disc may become soft and will not properly operate.	According to the disc format, recording method and instrument type, disc may not be properly recorded.
• On a rainy or humid day, or right after turning on the heater inside the car, moisture may form on the lens. In such case, instrument cannot read the disc, and it will not properly operate.	• Take out the disc and wait until the moisture is dried up.
• If you drive on a rough road surface for a long time, or when a severe shock is imposed to the vehicle, disc may not be properly recorded.	• If you drive on a rough road surface for a long time, or when a severe shock is imposed to the vehicle, disc may not be properly recorded.
• If you attach sticker or label on the disc, sticker or label may fall off and damage the system.	• If you attach sticker or label on the disc, sticker or label may fall off and damage the system.
• Do not insert two or more discs into the disc slot simultaneously. It may damage	• Do not insert two or more discs into the disc slot simultaneously. It may damage

Search

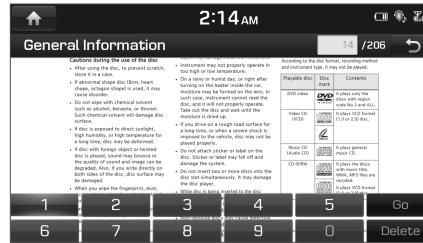
1. Press [MENU] > [Search] on the E-Manual screen.



2. Input the desired text and press [Q].

Go to page

1. Press [MENU] > [Go To page] on the E-Manual screen.



2. Input the desired page number and press [Go].

Settings

System Info

Version

This menu option is used to view the system information.

Press [HOME] > [Settings] > [System Info] > [Version].



Note

The software information may differ from the actual information of the vehicle.

Jukebox Info

This menu is used to display the capacity of the stored data on the Jukebox.

1. Press [HOME] > [Settings] > [System Info] > [Jukebox Info].



2. Press [Format] to delete all data stored on the Jukebox.

Update

To order the latest map and software updates, please visit <http://www.mapnsoft.com>. For more details about updates, check out the website before proceeding.

1. Press [HOME] > [Settings] > [System Info] > [Update].



2. After inserting the USB or SD card with the update file, press [Update].

Once updating is complete, the system will automatically restart.

Note

This product requires regular updates for software corrections, new functions and map updates. Updating may require up to 1 hour depending on the data size.

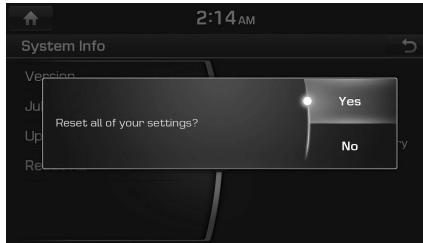
Settings

- Turning off the power or ejecting the USB during the update process may result in data loss. Make sure to keep the ignition on while update is in progress.
- Map and Navi software updates can be downloaded from the designated website (<http://www.mapnsoft.com>) and updated through the SD card.
- Please use only the SD card that was included with the vehicle purchase.
- The use of a separately purchased SD card may result in damage due to heat related deformation.
- Product malfunctions caused by the use of separately purchased SD cards shall not be covered within the product warranty.
- Repeatedly connecting/disconnecting the SD card in a short period of time may cause damage to the device.

Reset All

This menu is used to reset all settings specified by the user.

1. Press [HOME] > [Settings] > [System Info] > [Reset All].



2. Press [Yes].

Using Rear Camera - Option

About Rear Camera

- Rear camera is an option for the customers who selected the option.
- In this instrument, for the safety of the user, a rear camera that can secure the rear view during the backward driving is connected.
- After the vehicle is started, if the transmission lever is put to R, the rear camera power is automatically turned on, and the rear camera starts operation.
- If you change the transmission lever location from R to another position, rear camera stops.

Turning on the rear camera

1. When the vehicle is started, put the transmission lever to R position.



Note

Rear camera has an optical lens to secure wide view, so there is a little difference in the distance shown on the screen. For safety, make sure to check the rear, left, and right view by yourself.

Backing Up & Using Camera

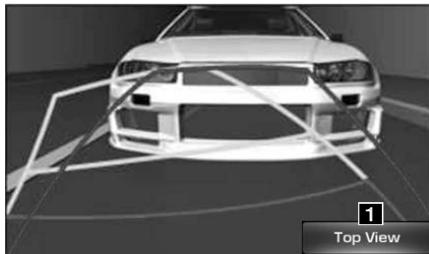
Never rely solely on the rear view camera when backing up. Prior to entering your vehicle always do a visual check of the area behind your vehicle, and before backing up be aware of your surroundings and supplement the rear view camera by looking over your shoulders and checking your rear view mirrors. Due to the difficulty of ensuring that the area behind you remains clear, always back up slowly and stop immediately if you even suspect that a person, and especially a child, might be behind you.

Using PGS (Parking Guide System) - Option

About PGS (Parking Guide System)

- PGS (Parking Guide System) is an option for the customers who selected the option.
- In this instrument, for the safe parking of the user, a parking guide system which is displayed when gear is at R position is installed.
- After the vehicle is started, if the transmission lever is put to R, the PGS (Parking Guide System) automatically starts operation.
- If the transmission lever is changed from R to another position, PGS (Parking Guide System) operation stops.

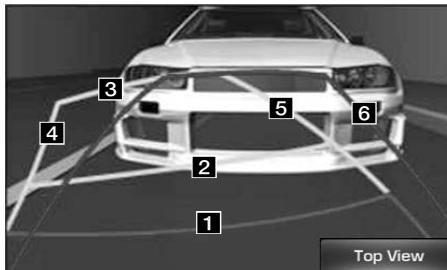
PGS screen



- 1** [Top View]/[Normal View]: It changes the rear viewing angle shown through the camera.

Normal View

- In top view screen, if you press [Normal View], it switches to normal view.

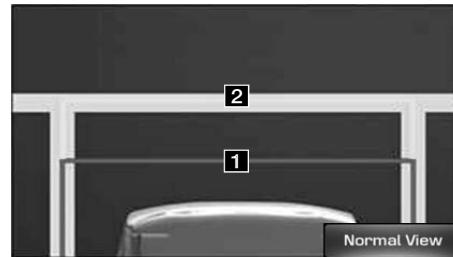


- Red line: 0.5m from vehicle's rear bumper.
- Yellow line 1: 1.0m from vehicle's rear bumper.
- Yellow line 2: 3.0m from vehicle's rear bumper.
- Yellow line 3: vehicle path of the left side wheel in the vehicle's driver seat side.
- Yellow line 4: vehicle path of the right side wheel in the vehicle's front passenger seat side.
- Blue line: steering neutral path.

Top View

- In normal view screen, if you press [Top View], it switches to top view.

It is the screen looking down the rear direction of the vehicle from above, and the screen composition is as follows.



- Red line: 0.5m from vehicle's rear bumper.
- Yellow line: 1.0m from vehicle's rear bumper.

Rear view angle conversion

- Top view (top part viewing angle): It provides a viewing angle looking down the rear direction of the vehicle from above.



- Normal view (rear viewing angle): It provides general rear viewing angle with perspective.



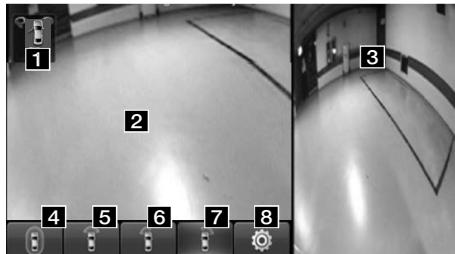
SVM (Surround View Monitor) - Option

About SVM (Surround View Monitor)

- SVM (Surround View Monitor) is an option that is provided to the customers who selected the option.
- Through the 4 cameras installed on the vehicle, it can view front, back, left and right side.
- While vehicle is started, if gear is put to R position, it automatically starts SVM (Surround View Monitor).
- If gear is changed from R to P position, SVM (Surround View Monitor) operation stops.

Operating front SVM

After starting the vehicle, if you press [AVM] after putting gear to N or D, front SVM starts.



- 1** Warning display: driver seat/front passenger seat door and side mirror, and trunk open status are displayed.

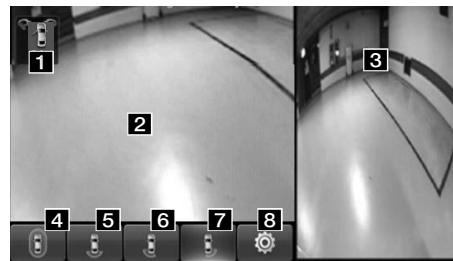
- 2** Front camera screen: screen of the front of the vehicle is displayed through camera.
- 3** SVM side camera screen: According to the selected display contents, it displays SVM or left or right side screen.
- 4** (Front + SVM display): It displays vehicle's front screen and all direction (SVM) screens at the same time.
- 5** (Front display): It only displays vehicle's front screen.
- 6** (Front + left side display): It displays the vehicle's front screen and left front screen at the same time.
- 7** (Front + right side display): It displays the vehicle's front screen and right side screen at the same time.
- 8** (SVM setting): It displays SVM setting menu.

Note

While front SVM is running, if you drive at about 20 km/h or more, SVM is turned off. At this state, even if you drive at about 20 km/h or less, SVM is remained at OFF state.

Operating rear SVM

After starting the vehicle, if you put gear at R position, rear SVM starts.



- 1** Warning display: driver seat/front passenger seat door and side mirror, and trunk open status are displayed.
- 2** Rear camera screen: screen of the rear of the vehicle is displayed through camera.
- 3** SVM side camera screen: According to the selected display contents, it displays SVM or left or right side screen.
- 4** (Rear + SVM display): It displays vehicle's rear screen and all direction (SVM) screens at the same time.
- 5** (Rear display): It only displays vehicle's rear screen.

SVM (Surround View Monitor) - Option

6 (Rear + left side display): It displays the vehicle's rear screen and left rear screen at the same time.

7 (Rear + right side display): It displays the vehicle's rear screen and right rear screen at the same time.

8 (SVM setting): It displays SVM setting menu.

Note

SVM (Surround View Monitor) camera has an optical lens to secure wide view, so there is a little difference in the distance shown on the screen. For safety, make sure to check the rear, left, and right view by yourself.

SVM setting

If you press button, it moves to 3 types of setting screens.

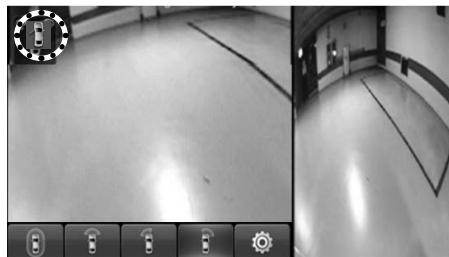


- [General]: It sets/resets guide line steering interface and approaching obstacle warning display function.

- [Front View Mode]: It sets the front camera's initial screen as initial view. (Around view, front view, driver seat side front, and front passenger seat side front)

- [Rear View Mode]: It sets the rear camera's initial screen as initial view. (Around view, rear view, driver seat side rear, and front passenger seat side rear)

Warning display



Driver's door open indicator

When the driver's door is open, (red color on left door) indicator is displayed on the top left of the screen.

Front passenger's door open indicator

When the front passenger's door is open, (red color on right door) indicator is displayed on the top left of the screen.

Trunk open indicator

When trunk is open, (red color on trunk) indicator is displayed on the top left of the screen.

Side mirror folding indicator

When the side mirror is folded, (side mirror) indicator is displayed on the top left of the screen.

Climate Mode

Operating Climate Mode

1. Press the CLIMATE key to display the Climate information screen.



- [1] Blower direction: It displays the set blower direction.
- [2] Outside temperature: It displays the current temperature outside the vehicle.
- [3] Front passenger seat set temperature: It displays the set temperature of the front passenger seat.
- [4] Driver seat set temperature: It displays the set driver seat temperature.
- [5] AUTO: It is displayed when AUTO button is selected, and the blower level and cooling/heating are automatically operated according to the set temperature.

[6] A/C: It is displayed when A/C button is selected, and air conditioner is operated for vehicle cooling.

[7] Blower level: It displays the set blower level

[8] SYNC: When SYNC button is selected, front passenger seat temperature is set based on driver seat

[9] Excessive indoor CO² display: It is displayed when excessive indoor CO² is detected.

(If this information is displayed, driving fatigue may occur, so ventilate to circulate indoor air.)

[10] MENU: It moves to climate menu screen.

You can turn on/off the functions for Rear Climate, Smart Vent, and Auto Defog.



- Rear Climate: Turns Climate Control for the rear seats on or off.

(If the air vent for rear seat is closed, the [Rear Climate] menu is deactivated.)

- Smart Vent: When humidity and carbon dioxide levels inside the car increase while Climate Control is turned off, air is automatically expelled to maintain a comfortable environment.

- Auto Defog: Automatically operates the air conditioner to create a flow of air to clear the windshield.

Note

While other modes (AV, Navigation, etc.) are in operation, if climate operation key is pressed, climate status is displayed at the top part of the screen.

Blue Link® (USA Only)

The Blue Link function is supported for vehicles purchased in USA.

Before using Blue Link®

What is Blue Link?

This is a Hyundai telematics service based on our cutting-edge IT system that makes your driving experience more convenient and fun and features safety, security, vehicle diagnostics, remote control and even smartphone synchronization functions.

Enjoy a smarter driving style with Blue Link.

What Is Telematics?

The word "Telematics" stems from the combination of telecommunications and informatics. It refers to an information system that provides a variety of driving information through the built-in terminal by analyzing each symptom and driving state. This allows for a much safer and more comfortable driving experience.

About Transmission and Reception of Radio Waves

Connection to the Blue Link Center or wireless data transmission may be disrupted in the following places.

For radio wave transmission/reception status, refer to the status displayed on the Blue Link screen.

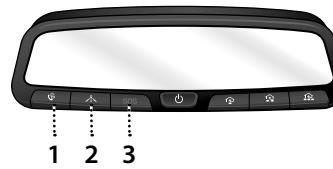
It is recommended that you use the Blue Link system when the antenna icon (Y) shows four bars or more.

Places where Blue Link may be disrupted depending on the transmission/reception status:

- Inside tunnels
- Mountainous areas or dense forest
- Roads close to cliff edges
- Densely built-up areas
- On highways or roads underneath higher interchange roads
- Inside buildings

Using the Rear View Mirror Key

Selecting the Rear View mirror key will allow you to make service required inquiries, place info searches, and emergency rescues by connecting to the Blue Link Center. Such features can be used only after subscribing to the Blue Link service.



1. (Blue Link) button

Calls or ends the Blue Link call.

2. (Blue Link Voice Local Search) button

Request information about places via Blue Link Voice Local Search.

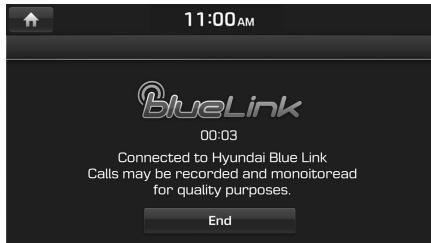
3. SOS button

Calls or ends SOS call.

Blue Link® (USA Only)

Connecting with the Blue Link® Center

1. Press [B] on the Rear View Mirror to connect with the Blue Link Center.



Blue Link® Voice Local Search

What is Blue Link® Voice Local Search?

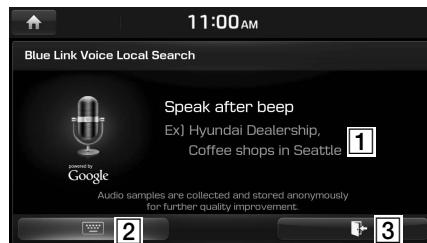
With Blue Link network service, you can search for Google-provided place names with your voice.

Separated from Voice Recognition in the steering wheel, it specializes in place name searches and may be run with a [MICROPHONE] key in the rear-view mirror.

The search is done through network services; it is only available when connected to a communication network.

Starting Blue Link® Voice Local Search

Press [MICROPHONE] key in the rear-view mirror (less than 0.8 seconds) to start Blue Link Voice Local Search.



Name	Description
[1] Example command	Shows an example to ask for a place search.
[2] Manual search switch button	Switches the Blue Link Voice Local Search screen to manual search.
[3] End button	Ends Blue Link Voice Local Search. (With Blue Link Voice Local Search, press [MICROPHONE] key in the rear-view mirror again to end the service.)

Note

If you change the language set for the system to Korean or French, this function will not be supported. Change the system language to other language.

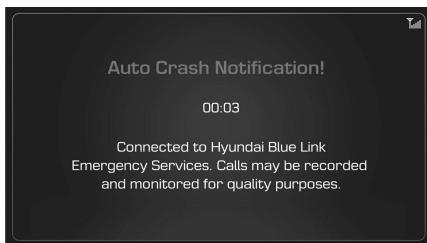
Blue Link® (USA Only)

Blue Link® Safety and Security

Auto Crash Notification

Provides immediate assistance when an accident occurs and an airbag is deployed.

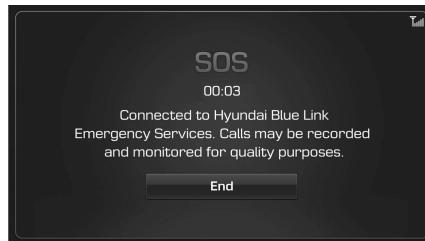
In this event, an ACN signal, containing customer and location information, will automatically be transmitted to the response center. Upon receipt of the signal, a response specialist will attempt to establish voice communications with the vehicle occupants and forward any pertinent information to Blue Link emergency services.



SOS

Customers request emergency Blue Link emergence services by pressing the dedicated "SOS" button in the vehicle. This action transmits vehicle information and location to specially trained response specialists, who assist in coordinating the dispatch of appropriate emergency assistance to the customer.

The response specialist remains on the line with the customer until advised assistance has arrived.



Stolen Vehicle Recovery

In the event a customer's vehicle is reported stolen (and a stolen vehicle report has been filed with the appropriate police department), the response center can provide assistance to the police in an attempt to recover the vehicle.

Vehicle Slowdown

Used with Stolen Vehicle Recovery, this enables law enforcement to gradually reduce the engine power of the vehicle, thus slowing it down to safe levels. A warning shall be transmitted to the driver prior to the slowdown procedure.

Vehicle Immobilization

Used with Stolen Vehicle Recovery, this enables law enforcement to send a signal to the vehicle which immobilizes the engine management system, thus preventing startup. This capability is only valid when the ignition is off, but can be saved for later immobilization if the vehicle is on or in motion at the time of signal transmission.

Blue Link® (USA Only)

Getting Started with Blue Link®

Use Blue Link features such as Driving Info and Vehicle Diagnostics. Blue Link features can be used after activating the service. A separate fee may be charged for using Blue Link, and features may differ according to your service plan.

1. Select [HOME] > [Blue Link].



- [Driving Info]: Displays information such as Driving Time/Idle Time, Deceleration/Acceleration Distribution, Driving Speed and Driving Distance.
- [Send to Car with Google]: Displays information about Places received via Blue Link Voice Local Search.
- [Vehicle Diagnostics]: Inspects vehicle malfunctions and provides diagnostics.
- [Apps]: Displays paid or free applications with related information for installation.

- [Blue Link Settings]: Activates Blue Link service, sets Wi-Fi network, and displays modem information.

Driving Info

This service can be used while your car is stopped and the engine is on.

1. Select [HOME] > [Blue Link] > [Driving Info].



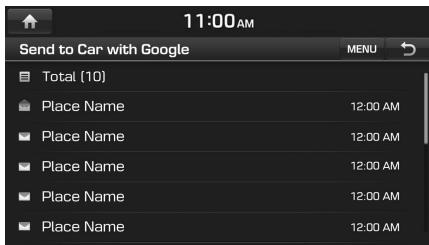
2. Select [MENU] > [Update] to receive up-to-date driving information.

Blue Link® (USA Only)

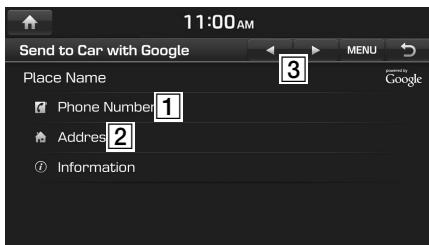
Send to Car with Google

You can check information about Places received via Blue Link Voice Local Search. To use the "Send to Car with Google" function, first you need to sign up to the Blue Link.

1. Select [HOME] > [Blue Link] > [Send to Car with Google].



2. Select the desired place.



Feature	Description
[1] Dial	Displays the phone number of a selected place. Press the number to make a call.
[2] View Map	Displays the address of a selected place. Press the address to view map.
[3] ◀/▶ (Previous/Next)	Displays the previous or next place information.

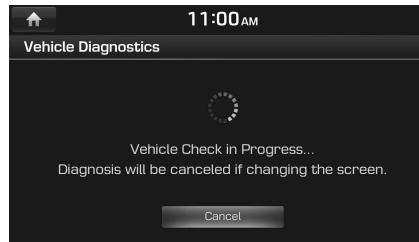
Vehicle Diagnostics

You can have your vehicle inspected only after stopping the vehicle because some control units can't be diagnosed while driving.

Vehicle Diagnostics will be canceled if you switch to another screen while diagnosis is in progress.

To receive result details, you need to first sign up to the Blue Link.

1. Select [HOME] > [Blue Link] > [Vehicle Diagnostics].



2. Select the desired item.



Name	Description
[1] Blue Link Center	Calls the Blue Link Center to check for vehicle problems
[2] Close	Ends the Vehicle Diagnostics.

Blue Link® (USA Only)

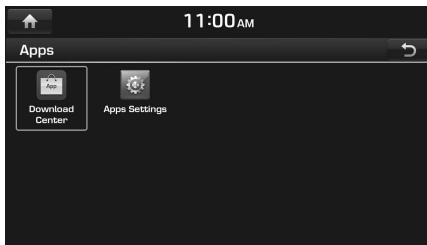
Apps

Download Center

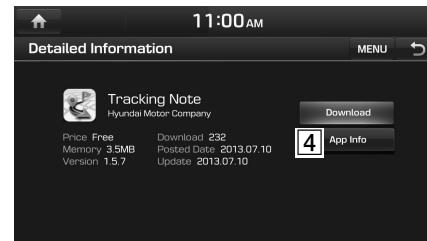
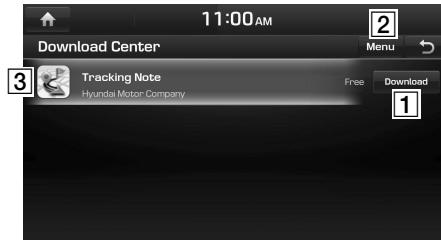
With Download Center, you can install paid/free applications or check for related information. Only Blue Link center verified applications can be installed. You can use Download Center after agreeing to the terms of service and use on the screen. (Only 1 time for initial launch is required.)

Download Center and downloaded apps require a network connection through Wi-Fi.

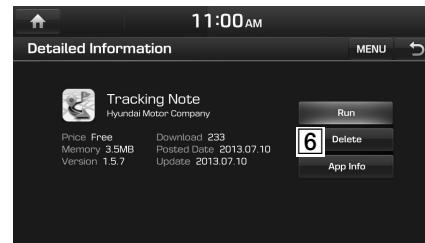
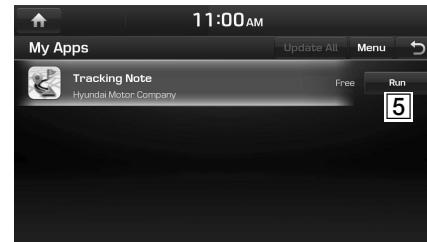
1. Select [HOME] > [Blue Link] > [Apps].



2. 1) Select [Download Center].



- 2) Select [Download Center] > [Menu] > [My Apps].



- [1]: Button state changes according to the application state.

Name	Description
Download	Downloads free applications.
Purchase	Downloads paid applications.
Re-download	Downloads deleted applications after previously installing them.
Retry	Downloads the applications that failed to download due to network or system errors.

Blue Link® (USA Only)

Run	Runs installed applications.
Cancel	Cancels any downloads and updates.

- [2]: Updates and refreshes the app list, and shows [My Apps] screen.

Name	Description
Update	After installation, it shows applications requiring updates. The update screen shows the [Update All] button to update all applications that need updates.
Refresh	Refreshes the app list status.
My Apps	Moves to the My Apps screen.

- [3]: When the application list area is pressed, it moves to the Detailed Information screen.

- [4]: Shows more detailed information.

Name	Description
Preview	Displays application images.
Information	Displays application information.

- [5]: Button state changes according to the application state.

Name	Description
Re-download	Downloads deleted applications after previously installing them.
Update	Shows when applications require updates.
Run	Runs installed applications.

- [6]: Deletes the downloaded application.

Note

You can update applications already running only after closing them.

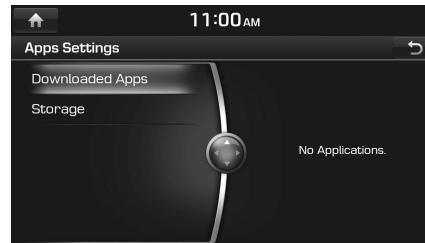
Apps Settings

Displays the applications that were downloaded through the Download Center.

Downloaded Apps

You can delete downloaded applications in the Download Center. To recover a deleted application, you can re-install the application with the Re-download function in the Download Center.

Select [HOME] > [Blue Link] > [Apps] > [Apps Settings] > [Downloaded Apps].



Blue Link® (USA Only)

Storage

View the memory status of installed applications and available storage space.

Select [HOME] > [Blue Link] > [Apps] > [Apps Settings] > [Storage].



Blue Link® Settings

Modem Information

This feature is used to show the MEID modem information.

Select [HOME] > [Blue Link] > [Blue Link Settings] > [Modem Information].



Wi-Fi Settings

This feature is used to set the Wi-Fi Application. You can share a digital-device network with the vehicle device through Wi-Fi.

1. Select [HOME] > [Blue Link] > [Blue Link Settings] > [Wi-Fi Settings].



2. Select the desired item.

- [Wi-Fi On/Off]: Select [On] or [Off] to turn the Wi-Fi on/off.



Displays the MAC address.

- [Wi-Fi Network]: Registers a network ID/password to connect to a network AP (Access Point).

Blue Link® (USA Only)



Name	Description
[1] Refresh	Searches available networks near the vehicle.
[2] Network Name	Displays available network AP (Access Point) names.
[3] Add Wi-Fi Network	Searches for hidden APs to connect to.

The list of APs found is updated every 6 seconds when in Wi-Fi Settings. You can also search for new APs by selecting [Refresh].

3. Select a network AP name to connect (e.g. Android_Hotspot).



- In case of a secured AP, you may be required to enter a password.



- If you cannot see the desired AP to connect to in the list, select [MENU] > [Add Wi-Fi Network]. (Up to five APs can be added.)



Name	Description
[4] Network SSID	The unique name of the AP you want to connect to. (SSID is short for Service Set Identifier.)
[5] Security	The pre-configured security type. (A password is required in the case of WEP and WPA/WPA2-PSK.)

4. Check the changed status of the Wi-Fi icon and the text "Connected" under the network AP name to ensure that the AP is enabled.

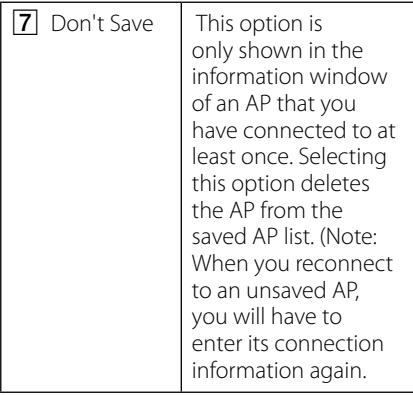


- If you select the currently connected AP or a previously connected AP from the list (up to 30 APs can be saved), you can view the following information.

Blue Link® (USA Only)



Name	Description
[6] Disconnect	Disconnects the currently connected AP.



This option is only shown in the information window of an AP that you have connected to at least once. Selecting this option deletes the AP from the saved AP list. (Note: When you reconnect to an unsaved AP, you will have to enter its connection information again.)

Note

If you connect to a Wi-Fi network after signing up for Blue Link®, then you will be preferentially connected to a Wi-Fi network whenever you use Download Center or any downloaded apps.

Service Activation

1. Select [HOME] > [Blue Link] > [Blue Link Settings] > [Service Activation].



2. Select [Activation].

Note

- Activation may take up to five minutes.
- Do not turn the engine off while activation is in progress.
- If activation fails, contact the Blue Link Center at (855) 2-BlueLink.
- During service activation, the hard keys in the head unit do not work.

Before Thinking the Product Has Malfunctioned

The current position as shown on the navigation may differ from the actual position under the following conditions.

The following occurrences are not malfunctions:

- When driving on Y-shaped roads with narrow angles the current position may be displayed in the opposite direction.
- Within city streets, the current position may be displayed on the opposite side or on an off-road position
- When changing the zoom level from maximum to a different level, the current position may become displayed on a different road
- If the vehicle is loaded onto a ferry or a car transport vehicle, the current position may become stalled on the last position prior to loading
- When driving on a spiral-shaped road.
- When driving in mountain regions with sharp turns or sudden brakes
- When entering a road after passing an underground parking structure, building parking structure, or roads with many rotations

- When driving in heavy traffic with frequent starts and stops
- When driving under slippery conditions, such as heavy sand, snow, etc.
- When the tires have recently been replaced (Especially upon use of spare or studless tires).
- When using tires of improper size.
- When the tire pressure for the 4 tires are different
- When the replacement tire is worn or used (Especially studless tires having passed a second season).
- When driving near high-rise buildings
- When a roof carrier has been installed
- When a long distance route is calculated while driving on an expressway, in such cases, continued driving will automatically enable the system to conduct map matching or use updated GPS information to provide the current position (In such cases, up to several minutes may be required)

Correct route guidance may not occur due to search conditions or driving position. The following occurrences are not malfunctions:

- Guidance to go straight may be given while driving on a straight road
- Guidance may not be given even when having turned at an intersection
- There are certain intersections in which guidance may not occur
- A route guidance signaling for a u-turn may occur in some No u-turn intersections
- Route guidance signaling entrance into a No-entry zone may occur (No-entry zone, road under construction, etc.)
- Guidance may be given to a position that is not the actual destination if roads to reach the actual destination do not exist or are too narrow
- Faulty voice guidance may be given if the vehicle breaks away from the designated route. (e.g. if a turn is made at an intersection while the navigation provided guidance to go straight.)

Before Thinking the Product Has Malfunctioned

**These situations may occur after
conducting route calculation. The
following occurrences are not
malfunctions:**

- Guidance may be given to a position differing from the current position when turning at an intersection
- When driving in high speeds, route recalculation may take a longer period of time
- Route guidance signaling for a u-turn may occur in some No u-turn intersections
- Route guidance signaling entrance into No-entry zone may occur. (No-entry zone, road under construction, etc.)
- Guidance may be given to a position removed from the actual destination if roads to reach the actual destination do not exist or are too narrow
- Faulty voice guidance may be given if the vehicle breaks away from the designated route (e.g. If a turn is made at an intersection while the navigation provided guidance to go straight.)

Before Thinking the Product has Malfunctioned

1. Errors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.
2. If you are having problems with the device, try the suggestions listed below.
3. If the problems persist, contact your dealer.

Problem	Possible Cause
There are small red, blue, or green dots on the screen	Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels.
The sound or image is not working	<ul style="list-style-type: none">• Has the Switch for the vehicle been turned to [ACC] or [ON]?• Has the SYSTEM been turned OFF?
The screen is being displayed but sound is not working	<ul style="list-style-type: none">• Has the volume been set to a low level?• Has the volume been muted?
When the power is turned on, the corners of the screen are dark	<ul style="list-style-type: none">• The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction.• If the screen is very dark, contact your nearest Hyundai dealer for assistance.
Sound is working from only one speaker	Are the positions of Fader or Balance sound controls adjusted to only one side?
Sound does not work in AUX mode	Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	Is the external device connected with a standard connector cable?
When turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as discs, USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load. <ul style="list-style-type: none">• If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate.• If the previous mode still cannot be properly played, the mode operated prior to that will operate.

Troubleshooting

Problem	Possible Cause	Countermeasure
The power does not turn on.	The fuse is disconnected.	<ul style="list-style-type: none">Replace with a suitable fuse.If the fuse is disconnected again, please contact your Hyundai dealer.
	Device is not properly connected.	Check to see that the device has been properly connected.
The system does not play.	The disc has not been inserted or has been inserted upside down.	Insert the disc properly so that the sides are facing the correct direct.
	The disc has been contaminated.	Wipe away dirt and other foreign substances from the disc.
	The vehicle battery is low.	Charge the battery if the problem persists, contact your point of purchase or service center.
	A disc not supported by the device has been inserted.	Insert a disc which is supported by the device.
The image color/tone quality is low.	The brightness, saturation, and contrast levels are not set properly.	Properly adjust the brightness, saturation, and contrast levels through Display Setup.
Sound does not work.	The volume level is set to the lowest level.	Adjust the volume level.
	The connection is not proper.	Check to see that the device has been properly connected.
	The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.	The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.

Troubleshooting

Problem	Possible Cause	Countermeasure
The sound or image quality is low.	The disc is dirty or scratched.	Wipe off water or dirt from the disc. Do not use a disc which has been scratched.
	Vibration is occurring from where the conversion switch has been installed.	The sound may be short circuited and the image distorted if the device vibrates.
	Image color/tone quality is low.	The device will return to normal once vibrations stop.
The USB does not work	USB memory is damaged.	Please use after formatting the USB into FAT 12/16/32 format.
	USB memory has been contaminated.	Remove any foreign substances on the contact surface of the USB memory and multimedia terminal.
	A separately purchased USB HUB is being used.	Directly connect the USB memory with the multimedia terminal on the vehicle.
	A USB extension cable is being used.	Directly connect the USB memory with the multimedia terminal on the vehicle.
	A USB which is not a Metal Cover Type USB Memory is being used.	Use standard USB Memory.
	An HDD type, CF, SD Memory is being used.	Use standard USB Memory.
	There are no music files which can be played.	Only MP3, WMA file formats are supported. Please use only the supported music file formats.
The iPod is not recognized even though it has been connected	There are no titles which can be played.	Use iTunes to download and save MP3 files into the iPod.
	The iPod firmware version has not been properly updated.	Use iTunes to update the firmware version and reconnect the iPod with the device.
	The iPod device does not recognize downloads.	Reset the iPod and reconnect with the device.

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Specification

AV/Navigation product specification

Common	Power Supply	DC 14.4 V
	Operating Power	DC 9 V ~ DC 16 V
	Current Consumption	Maximum 5 A
	Dark Current	Maximum1 mA
	Operating Temperature	-20 °C ~ +70 °C
	Storage Temperature	-40 °C ~ +85 °C
	Dimensions (Head unit)	274.82 (W) x 108.38 (H) X 202.26 (D) mm
	Weight (Head unit)	2.7 kg
Bluetooth	Supported Profile	HFP(1.6), A2DP : (1.2) , AVRCP (1.3)
	Supported Bluetooth Specification	3.0
	Frequency Range	2402 MHz ~ 2480 MHz
	Output (Class2)	1.0 dBm
	Number of Channels	79

Radio	AM	
	Tuning range	530 kHz ~ 1710 kHz
	Sensitivity	35 dBuV
	Frequency response	30 Hz ~ 10000 Hz
	Signal-to-noise ratio	Minimum 45 dB
	FM	
	Tuning range	87.5 MHz ~ 107.9 MHz
	Sensitivity	12 dBuV
CD/DVD	FORMAT	CD-DA, CD-R, CD-RW, MP3, DVD (12 cm disc Only)
	Interface	Serial (TAB2)
	Signal-to-noise ratio	Minimum 70 dB
	Frequency response	20 Hz ~ 20 kHz (± 3 dB)
	Distortion ratio	0.03%
SiriusXM™	Frequency	2337.490 MHz ~2340.020 MHz
	Sensitivity	-80 dBm
	T.H.D	Maximum 0.2 %

Specification

TFT-LCD	Screen Size	233.95 mm (9.2 inches) 204 (W) x 114.72 (H) mm (Active area)
	Resolution	921,600 pixel
	Operating Method	TFT (Thin Film Transistor) Active Matrix, In Plane Switching (IPS)
	Viewing Angle	Viewing Angle free (R/L) 178(Min), U/D 178(Min.))
	Internal Lighting	LED

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Specification

Blue Link® terminal product specification

Common	Power Supply	DC 14.4 V
	Operating Power	DC 9V ~ DC 16V
	Current Consumption	Maximum 2 A
	Dark current after 96h	After Acc off, ADM off and 96 hours (Maximum 0.8 mA or less)
	Dark current within 96h	- After Acc off, ADM off, average current in 96 hours (Maximum 10 mA or less) - After Acc off, ADM off, average current in 20 seconds (Maximum 50 mA or less)
	Operating Temperature	-20 °C ~ +70 °C
	Storage Temperature	-40 °C ~ +85 °C
	Dimensions (I-BOX unit)	233.4 (W) x 116 (H) X 38.6 (D)mm
	Weight (I-BOX unit)	852.5 g
	Name of the equipment (Model name)	Unit Assy I-BOX (TS310B1AX)
	Manufactured date	2014...
	Manufacturer / Country	Hyundai Mobis Co., Ltd. / Korea

CDMA part	Frequency	TX : 824 MHz~849 MHz (BC0) 1850 MHz~1910 MHz (BC1) RX : 869 MHz~894 MHz (BC0) 1930 MHz~1990 MHz (BC1)
	Reception sensitivity	-104 dBm under (FER=0.5 % under)
	Transmission output	23.01 dBm ~ 30 dBm Power Class3 (BC0), Power Class2 (BC1), Conducted
Wi-Fi part	802.11b	Tx power: 16 ± 2 dBm Sensitivity: PER 8 % or less/ -76 dBm
	802.11g	Tx power: 12 ± 2 dBm Sensitivity: PER 10 % or less/ -65 dBm
	802.11n	Tx power: 12 ± 2 dBm Sensitivity: PER 10 % or less/ -64 dBm

FCC Certification	FCC Identifier	TQ8-TS310B1AX
	Name of Grantee	HYUNDI MOBIS CO.LTD
	Equipment Class	PCS Licensed Transmitter
	Notes	Premium Gen 2.0 I-BOX

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Product Type	DH AVN
Model Number/Range	LND2000

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Version 2.1, February 1999

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- handset-sound-theme

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- Lightfeather 3D Engine (0.9.0)

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