

B8EUF12
(미국/영어-English)



B8MS7-B5000

SANTAFE

CAR MULTIMEDIA SYSTEM | 미국/영어-English

CAR MULTIMEDIA SYSTEM | USER'S MANUAL

SANTAFE

NEW THINKING.
NEW POSSIBILITIES.



Thank you for purchasing this multimedia system.

This user's manual explains how to use the HYUNDAI Motor multimedia 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.

Precaution for safe usage

- Driving while distracted can result in a loss of vehicle control, that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
- Do not operate the multimedia system while driving.
- Do not disassemble, assemble, or modify the multimedia system.
- Do not watch the screen for prolonged periods of time while driving.
- Set the volume to a level which allows the driver to be aware of external conditions.

- Do not operate the multimedia system for prolonged periods of time with the vehicle ignition in ACC. Such operations may lead to battery discharge.
- Be cautious not to spill water or introduce foreign objects into the device.
- Do not cause severe shock to the device. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch panel.
- In case of product malfunction, please contact your place of purchase or service center.
- When cleaning the touch screen, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, ammonia, benzene, thinners, etc.) as such materials may damage the device panel or cause color and quality deterioration.

- SiriusXM service requires a subscription, sold separately, after 3-month trial included with vehicle purchase. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call Sirius XM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. Programming subject to change. Sirius satellite service is available only to those at least 18 and older in the 48 contiguous USA, D.C., and PR (with coverage limitations). Traffic information not available in all markets. See siriusxm.com/traffic for details. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

⚠ WARNING

- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.

Read the following safety precautions for your safety

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

※ The design and specifications of this product may change without prior notification for product and service improvement.

The actual features in the vehicle may differ from the illustrations.

For more accurate information about the vehicle, please refer to the catalogue.

※ For more information on open licenses and legal notices, refer to the website below.

http://www.mobiszone.co.kr/front/mall/jsp/manual/avn_download_center_manual.jsp

Notations used within this User's Manual

WARNING

- Failure to observe the instructions within this category could result in death or serious injury or damage to the vehicle.
-

CAUTION

- Information on matters that could potentially lead to injury or vehicle damage/malfunction Information that could lead to higher user safety
-

Information

- Information and tips that provide additional user convenience in using the product
-

NOTICE

- Information on specific features that facilitate proper product use and functional understanding
 - Information on terminology used within this manual
-

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CAUTIONS upon Using SD Cards

• Ejecting and Inserting SD Cards

- Ejecting and inserting SD cards while the multimedia system is operating may result in SD Card or System errors. To eject or insert the SD card, first turn off the multimedia system and the vehicle ignition.
- Eject/insert SD cards only to update the multimedia system with a new version.

• Usage of SD Cards

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

iPod®

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***Bluetooth®* Wireless Technology**

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01

part.1 Basic

Warnings and Cautions

Key Product Features

Component Names and Functions

Starting the System for the First Time

Basic

Safety Warnings

- Even when receiving route guidance from the Navigation system, please abide by actual traffic and road regulations. Following only the Navigation route guidance may lead to violations of actual traffic and road regulations and lead to traffic accidents.
- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- Do not operate the Navigation system while driving, such as entering POIs or conducting route searches. Doing so may lead to an accident. Park the vehicle before operating the device.
- Do not disassemble, assemble, or modify the Multimedia system. Doing so may result in damage of the electronic equipment.
- Heed caution not to spill water or introduce foreign objects into the device. Doing so may result in damage of the electronic equipment or product malfunction.
- If you use phone related functions while driving, you will find it difficult to concentrate on operating the vehicle and the current traffic conditions, so the possibility of an accident may increase. Please use phone related functions only when parked.
- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction.
- Do not stop or park in parking-restricted areas to operate the product.
- For some Audio and multimedia modes, the display will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen. (The screen will only operate when the parking brake is ON for manual transmission vehicles and when the parking brake is ON or the gearshift is in the P (PARK) position for automatic.)

Safety Cautions

Pay attention to traffic conditions while driving.

- In some instances, the navigation may provide guidance through restricted areas.
- Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device. In addition, the touch screen may not work for some functions when the vehicle is in motion. The touch screen feature will be supported once the vehicle has stopped.
- Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.
- Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable levels before turning off the device.)
- If you want to change the position of device installation, please inquire with your place of purchase or service maintenance center. Technical expertise is required to install or disassemble the device.
- Turn on the car ignition before using this device. Do not operate the Multimedia system for long periods of time with the ignition turned off as such operations may lead to battery discharge.
- Upon using the Multimedia system for more than 10 minutes with the car engine turned off, the following warning will be displayed. After 10 minutes, the warning will be displayed for 5 seconds every 1 minute.
- Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch screen.
- When cleaning the device, make sure to turn off the device and always use a clean, soft cloth. Never use tough materials, chemical cloths, or solvents(alcohol, ben"ene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration. When experiencing product concerns, inquire with your place of purchase or service maintenance center.
- Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.

Key Product Features

This device is a Multimedia system equipped with a multifunctional disc player that supports Radio (FM, AM), HD Radio™ technology, SiriusXM™, Audio CD, MP3, USB, iPod, AUX, Bluetooth Audio and My Music features. The WIDE VGA LCD provides a high quality resolution while the powerful and rich sound system adds to the driving enjoyment.

Display	Wide TFT-LCD Display - Provides high quality video through a Wide TFT-LCD Display using an LED Back Light. - Touch screen for maximum user convenience.
Radio	Digital Tuner Feature - Digital Tuner using PPL method that supports memory of 12 broadcast stations for each AM and FM modes. Radio broadcast station name - Displays broadcast station names. HD Radio™/Satellite Radio feature - Supports HD Radio™ reception and Satellite Radio (SiriusXM™).
Multimedia Player	Support for various Media Formats - Support for various media formats, including Radio, Audio CD, MP3, USB, iPod, AUX and Bluetooth® Audio Streaming modes My Music - Supports copying of music stored within USB devices into My Music (internal memory) mode

Navigation	Voice Guidance - Voice route guidance to safely and conveniently reach set destinations - Various map scales that enable drivers to accurately view map and surrounding areas Automatic Correction for Current Location - Automatically corrects current position using map matching and GPS information.
Miscellaneous	Bluetooth® Wireless Technology - Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel control Digital Screen Control Features - Easy control of features through touch screen options Steering Wheel Control - Control over audio features, voice recognition and Bluetooth® through the steering wheel control for maximum convenience

Head Unit



Name		Description
1		Selects FM/AM/SiriusXM™ mode Each time this is pressed, the mode is changed in order of FM → AM → SiriusXM™ → FM
2		Selects MEDIA mode If the media is not connected Media mode will not be activated.
3		SD card insert slot
4		Displays the map for the current position
5		Takes you to the menu screen where you can find your destination and set the route.
6		- When power is off, press to turn power on - When power is on, press and hold (more than 0.8 seconds) to turn power off - When power is on, press quickly (less than 0.8 seconds) to turn Audio off - Turn left/right to control volume
7		- FM/AM mode: changes the frequency - SiriusXM™ mode: changes the channel - MEDIA (Disc/USB/iPod/My Music) mode: changes the track, file or title(except USB Image, Bluetooth Audio and AUX)
8		Press to eject a disc.
9		Resets the system settings. (Preset radio channels and other data will not be deleted)

Head Unit



	Name	Description
10		Displays the Blue Link screen
11	^ ↓	When pressed quickly (less than 0.8 seconds), • FM/AM mode: Plays the previous/next frequency. • SiriusXM™ mode: Plays the previous/next channel. • MEDIA (Disc/USB/iPod/My Music) mode: Changes the track, file or title (except for USB Image and AUX). When pressed and held down (more than 0.8 seconds), • FM/AM mode: Continuously changes the frequency until the key is released. • SiriusXM™ mode: Continuously changes the channel until the key is released and plays the current channel. • MEDIA (Disc/USB/iPod/My Music) mode: Rewinds or fast forwards the track or file (except for USB Image, Bluetooth Audio, and AUX).
12		Displays the information mode
13		Displays the phone screen
14		Displays the Setup screen

※ The actual feature in the vehicle may differ from the illustration.

Steering Wheel Controls



	Name	Description
1		Controls the volume
2		Mutes the sound
3		When pressed quickly (less than 0.8 seconds), - FM/AM mode: searches broadcast frequencies saved to Presets - SiriusXM™ mode: searches broadcast channels saved to Presets - MEDIA (Disc/USB/iPod/My Music) mode: changes the track, file or title (except USB Image, AUX) When pressed and held (more than 0.8 seconds), - FM/AM mode: automatically searches broadcast frequencies - SiriusXM™ mode: automatically searches broadcast channels - MEDIA (Disc/USB/iPod/My Music) mode: quickly looks up songs (excluding USB images, AUX and Bluetooth audio files)
4		- Each time this is pressed, the mode is changed in the order FM → AM → SiriusXM™ → Disc → USB Music or iPod → AUX → Bluetooth Audio → My Music → Android Auto → FM - If the media is not connected, the corresponding modes will be disabled - Press and hold (more than 0.8 seconds) to turn the Audio system on/off - When power is off, press button to turn power back on

Steering Wheel Controls



※ The actual feature in the vehicle may differ from the illustration.

Name	Description
5 	When pressed quickly (less than 0.8 seconds), • If Android Auto is not connected, activates the multimedia system voice recognition • If Android Auto is connected, activates or ends Google voice recognition When pressed and held (more than 0.8 seconds), • If the multimedia system voice recognition is activated, ends the multimedia system voice recognition • If Android Auto is connected, activates or ends Google voice recognition • If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free
6 	When pressed quickly (less than 1.2 seconds), • When pressed in the dial screen, makes a call • When pressed in the incoming call screen, answers the call • When pressed during call waiting, switches to waiting call (Call Waiting) When pressed and held (more than 1.2 seconds), • When pressed in Bluetooth® Hands-free, redials the last dialed call • When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private) • When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected)
7 	• When pressed during a call, ends the phone call • When pressed in the incoming call screen, rejects the call

Turning the System On/Off

Press the engine start button or set the ignition key to On or ACC. Each time you turn on the system, a boot logo and safety warning will appear.



Pressing the power key on the head unit will display the user confirm screen. To change the system language between English, French, Spanish and Korean press the Change  button.

NOTICE

- You cannot operate the system while it is booting up. It may take some time for all of features of the system, particularly the voice recognition system, to be ready for use.

Pressing and holding the power key on the head unit will turn off the system.

You can change Screen Saver Settings in Setup to display a clock or another chosen image on the Screen Saver.

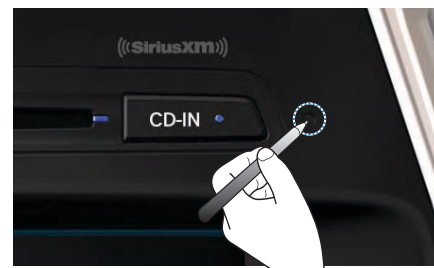
Information

- If you turn off the system during a phone call using the Hands-free feature, then the call will automatically switch to your mobile phone.

NOTICE

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

System Reset



The System Reset function restores the system when it is not operating correctly. Press and hold the  key for a second or longer. (It is recommended that you press the  key using a tool, such as a pin or a clip.)

NOTICE

- Resetting the system restores all existing settings and configurations (e.g. volume, display, etc.) back to their factory defaults.

Battery Warning Message

Always use the system while the car engine is running. If you turn on the system while the engine is off, a battery warning message will appear. When the engine starts, the message will disappear.

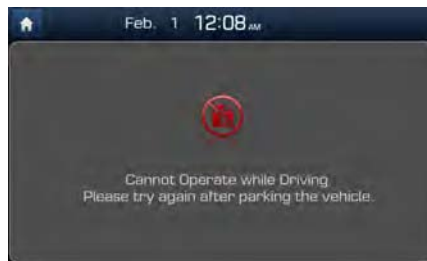


NOTICE

- If you use the system for a long time with the engine off, the battery may become completely discharged.
-

Restrictions on Features for Safety Measures

The restriction screen will disappear when shifting gears into P or putting the parking brake on.



WARNING: Blank Screen

- Refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (e.g., electric shock).
-

WARNING: Touching the Antenna During Thunder Storm

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

Home Screen

Controls Menu Configuration for the Home Screen



Features	Description
1 Navigation Widget	- Provides a brief view of the navigation map and the route screen. - Touch any area on the screen to move to the navigation screen.
2 AV Widget	- Shows brief information on the radio media current playing. - Touch the area to move to the mode for what you are listening to.
3 All Menus	Shows all of the items in the system menu.
4 Places	Directly moves to the screen where you can search for your destination. i If an Android Auto compatible phone is connected, this button switches to the Enter Android Auto icon.
5 My Menu	- You can add and save up to eight menu items. - Add your favorite menu items to have quick and easy access to them.

Information Display on the Status Bar

Displays the date and time, along with the system status shown by the various icons to the right of the clock.

The icons in the following table indicate the various types of system status details and events.

Icon	Description
	Mute AV sound
	Mute Navigation sound
	Bluetooth phone remaining battery
	Handsfree connection
	Connecting to music stream
	Handsfree+ streaming connection
	Downloading contacts/recent calls
	Making a call using Bluetooth phone
	Mute Bluetooth phone microphone
	Bluetooth phone reception sensitivity
	Blue Link received signal strength indication
	Wi-Fi is connected
	Connecting to Wi-Fi
	2G/3G data connection (displayed only when connected to a 2G/3G data network)
	LTE data connection (displayed only when connected to a LTE data network)

i Information

- Received signal strength indicator of Blue Link and 2G/3G/Wi-Fi/LTE information are displayed only in the devices that support the telematics system.

Adding our Favorite Menu Items to My Menu

From the Home screen, select **My Menu** icon and then **Edit**.

From the Edit My Menu screen, select menu items from the list on the right, then drag and drop them to a desired place on the left.

To remove the item from My Menu, drag item from the left and drop them on the right.



i Information

- Up to eight items can be added to My Menu.

On Screen Touch Controls

Learn how to touch the screen to operate the system.

Select

Tap lightly on a menu or an item to select it.



NOTICE

- The system will not recognize your touch if you wear a glove or other non-conductive material. Touch the screen using your finger, an electrostatic touch-screen glove, or a stylus pen.

Drag Drop

Select a menu or item you want, then drag and drop it to where you want to place it.



Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from. However, the CD player does not support drag function.

i Information

- Music screens for Disc CD and Disc MP3 do not support this function.

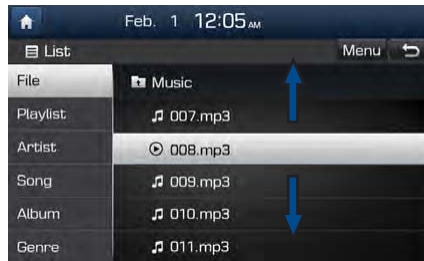


Drag the frequency bar to the left or right to move to the frequency that you want.



From the Edit My Menu screen, drag and drop icons to add, delete, or move to from My Menu.

Quick Scrolling



Quickly moves up and down in the list.

NOTICE

- Moving the list when there are many items will display a handler on the right of the display. You can easily move many items at a time with the handler



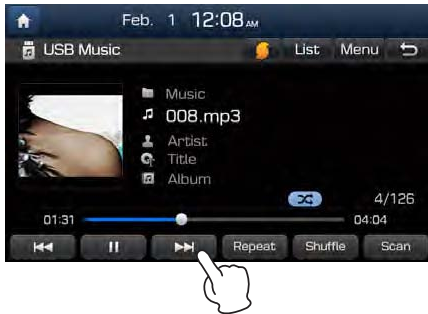
You can view the previous or next image by flicking left/right on an image on the USB Image screen.



Flick left/right on the frequency bar in the radio player to look up the previous/next frequency available.

Press and Hold

Pressing the  and  buttons in the music or video player will fast forward/rewind the music or video.



02

part.2 AV

FM/AM

HD Radio™ Technology

SiriusXM™

About Disc

Disc CD

Disc MP3

USB

iPod

AUX

Bluetooth® Audio

My Music

FM/AM

You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from All Menus on the Home screen.

M
AM Mode Display Controls



i
Information

- If you press the **RADIO** key when the power is off, the power will turn on and a radio broadcast will be tuned from the current mode.
- If you are in the FM/AM mode, select the FM/AM radio widget from the Home screen to access the radio player.

Features	Description
1 Mode Display	• Displays the current operating mode • If you tap on FM, AM, or SiriusXM in the Mode Display, the corresponding mode will be selected.
2 Preset	• Shows saved presets for user selection • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep will sound and the frequency is saved to the selected preset button. i A total of 24 frequencies with 12 preset frequencies each for FM/AM modes can be saved.
3 Frequency Bar	• Flick the frequency bar left/right to search for available radio channels to the left or right of the current channel. • Dragging: Drag the frequency bar to the left/right to find the radio channel that you want.
4 Frequency	Displays the current frequency
5 Broadcast station	Displays the current broadcast station name.
6 Scan	Plays frequencies with superior reception for 5 seconds each
7 HD Radio	Used to set whether to turn HD Radio™ reception On/Off.



Features	Description
8 Info	Turns the Radio Text information on and off • If the Info soft button is OFF (the blue indicator on the Info button is not illuminated), information will not be displayed even if there is information being transmitted from the broadcast station. • If the Info soft button is ON (the blue indicator on the Info button is illuminated), then broadcast information will be displayed. Information may not be displayed if there is no information being transmitted from the broadcast station.

Features	Description
9 Menu	• Autostore Saves frequencies with good reception to Preset buttons • i While Auto Store is operating, pressing the Auto Store button again will cancel the function and play the previous frequency. • Preset Scan Plays preset frequencies for 5 or 10 seconds each • HD on: 10 seconds • HD off: 5 seconds
10 Scan/ Auto Scan/ Preset Scan	Displays an activated mode from the Scan/Auto Scan/Preset Scan modes.
11 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
12 SEEK/TRACK	• When pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency. • When pressed and held (more than 0.8 seconds): Moves quickly through all of the frequencies. From the moment that you release the button, the system will seek the next available frequency.
13 TUNE	Turn the  knob to manually seek available frequencies. • FM: Increment/decrement by 200 kHz • AM: Increment/decrement by 10 kHz

HD Radio™ Technology



PSD

Program Service Data:

Contributes to the superior user experience of HD Radio™ Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.

HD2/HD3

Adjacent traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.

Digital Sound

Digital, CD-quality sound. HD Radio™ Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.

If an HD Radio™ broadcast is received, the radio mode will switch from analog broadcast to HD Radio™ broadcast.

i Information

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

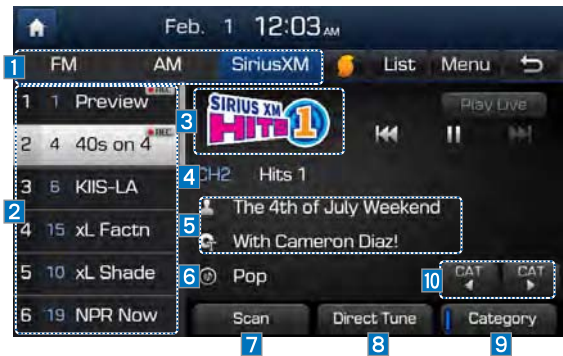
Radio Mode Display Controls



Name	Description
1 HD Radio™ Reception Channel buttons	Displays main HD Radio™ channels and used to directly select the current available channels i HD Radio technology allows AM and FM radio stations to transmit audio and data using a digital signal. The HD format allows stations to simultaneously broadcast one or more different programs in addition to the program being transmitted on the station's analog channel. When the HD Radio soft button on the screen is ON (blue indicator on the HD Radio button is illuminated), HD Radio reception will become active whenever a broadcast channel sends an HD Radio signal and when the vehicle is in areas where the signal reception is strong. If multiple HD Radio programs are available, a soft button for each channel will appear on the screen allowing you to select from HD1, HD2, etc.
2 HD Channel Number	Analog station and corresponding HD Radio channel number saved in the preset list.
3 Broadcast Info	Displays detailed information about the current broadcast. (the details of the information shown are different depending on whether the Info button is selected)
4 HD Radio	When the HD Radio soft button is ON (the blue indicator on the HD Radio button is illuminated), HD radio signals will be broadcast.

You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from All Menus on the Home screen. Select the SiriusXM™ tab from the radio player.

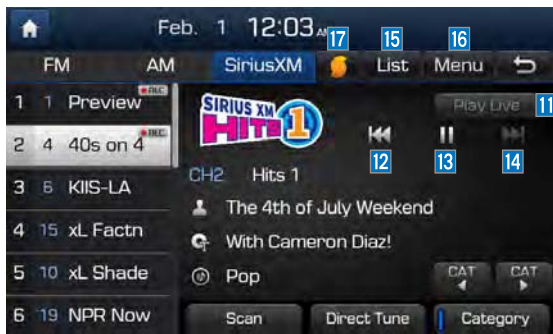
SiriusXM™ Display Controls



i Information

- If you press the **RADIO** key when the power is off, the power will turn on and a radio broadcast will be tuned from the current mode.
- If you are in the SiriusXM™ mode, select the SiriusXM™ radio widget from the Home screen to access the radio player.
- When the power is off, pressing the **RADIO** key will turn the power on and play a SiriusXM™ Radio broadcast.

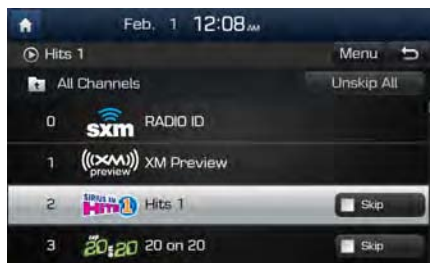
Features	Description
1 Mode Display	Displays the current operating mode. If you tap on FM, AM, or SiriusXM in the Mode Display, the corresponding mode will be selected.
2 Preset	Shows saved presets for user selection After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep will sound and the frequency is saved to the selected preset button. i A total of 18 frequencies for SiriusXM™ modes can be saved.
3 Channel Logo	Displays the current channel logo
4 Channel Info	Displays the current channel number and name
5 Contents Info	Displays the artist, title and other information about the current playing song
6 Category Info	Displays the current playing category
7 Scan	Plays all receivable channels for 10 seconds each
8 Direct Tune	Used to search for channels by entering channel numbers
9 Category	If you press Category, when search channels through SEEK, Tune and Scan, search it in the current category.
10 Category Selection Buttons	Used to select the previous/next category



Features	Description
11 Play Live	Plays live broadcast mode.
12 Skip Backward	Repeats the previously broadcasted program. • Holding for less than 0.8 seconds: Moves to the previous segment • Holding for more than 0.8 seconds: Moves to the previous 5 seconds
13 Play Pause	Pauses/plays the current broadcasting program.
14 Skip Forward	Moves to the next segment.
15 List	Displays SiriusXM™ Radio Categories/Channel Lists
16 Menu	What's on My Preset? The program schedule saved in my preset. (For more details, see Section 2.5. Viewing Menu.) • Featured Favorite Theme channels recommended by SiriusXM™. (For more details, see Section 2.5. Viewing Menu.) • Preset Scan Plays preset frequencies for 5 seconds each.
17 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
18 SEEK/TRACK	When pressed quickly (less than 0.8 seconds), Plays the previous/next channel When pressed and held (more than 0.8 seconds), Continuously changes the channel until the key is released and plays the current channel
19 TUNE	Changes the channel

ele tin throu h Channel Cate ory ist

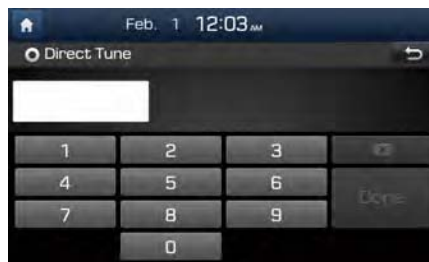
Press the **List** ► Select the desired category and channel.



Select the desired category and the channel. Once selected, the previous screen will be restored and the selected channel will begin playing.

If you select the **Skip** button, you can scan channels using the **SEEK** **TRACK** key or the **TUNE** knob by skipping the channels that you chose to skip.

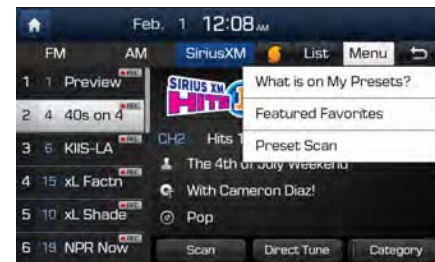
Dire t Tune



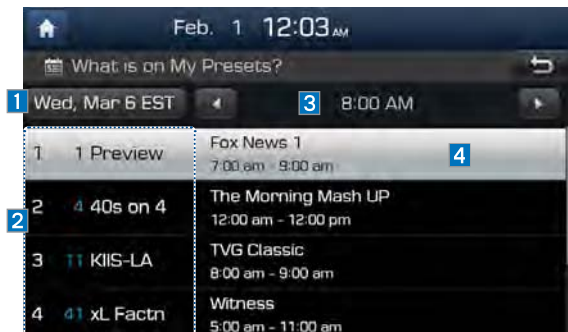
Enter the number of the channel you want to receive.

ie in Menu

Using the **Menu** button on the right, you can view the program schedule and information about the Featured Favorites provided by SiriusXM™.

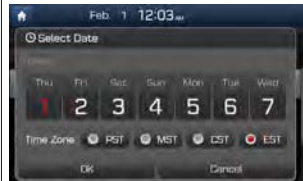
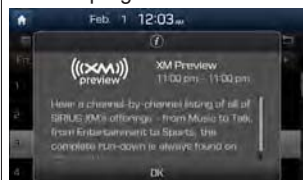


What's on My Preset? Menu



Menu → What's on My Preset? You can select Menu to see program information and the schedules of broadcast channels listed in the Preset.

You can select Menu to see program information and the schedules of broadcast channels listed in the presets.

Name	Description
1 Change Broadcast Date	By selecting this option, you can select a broadcasting date and time zone. Broadcast information will be provided for one week from the current date. 
2 Preset	Shows saved presets for user selection i A total of 18 frequencies for SiriusXM™ modes can be displayed
3 Broadcasting Time	You can select the time that you want.
4 Program Information	Shows you the program titles to be broadcast at the time that you have chosen. Select a program to see more details.  i If there is more information on the program you selected, an arrow button will be displayed on the right of the list. You can see more program information by selecting the arrow button.

Featured Favorites



Featured Favorites feature allows SiriusXM™ to broadcast additional presets

- 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

About Disc

Precautions upon Handling Discs

CAUTION

- 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 errors.
 - 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.)
 - Do not disassemble the device. Contact a designated service center in case of problems. (Complete after service assistance will not be provided if the user disassembles the device.)
 - Do not use water to clean the device. Exposure to water could lead to product damage.
 - Do not introduce foreign substances into the disc insert/eject slot. Introducing foreign substances could damage the device interior.
 - The device may not properly operate in extremely hot or cold temperatures. (The operating temperature range is: 14 F 150 F)
-

-
- Steam can become condensed on the objective 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.
 - Skipping may occur during audio play when driving on bumpy roads for prolonged periods of time or upon severe shock to the vehicle. In case of severe shock, audio may not properly play.
-

Supported Disc Formats

This device supports the following disc formats.

Disc Type

Disc Type	Disc Format	Device Support
CD	3inch (8cm)	X
	5inch (12cm)	O
	CD	O
	CD-R	O (Read Only)
	CD-RW	O (Read Only)
	Multisession-CD	O (Read Only)
SACD	SACD	X
	(Single, SACD layer) SACD (Hybrid)	X (Only CD layer)

Disc Format

Disc Type	Disc Format	Device Support
CD	CD-DA	O
	MP3	O
	WMA	O
	MPEG4 AAC	X
	DTS-CD	X
	CD-ROM	O
	CD-G	X
	CD-EXTRA	O
	CD-TEXT	O

Disc Content Format Compatibility

By Format according to Disc Type

Disc Type	Disc Format	Device Support
CD	LPCM	O
MP3	MPEG1, Layer3	O
	MPEG2, Layer3	O
	MPEG2.5	O
WMA	Ver9	O

Ordinary Disc Compatibility

This device has been designed/ manufactured to be compatible with software bearing the following logo marks.



Audio-CD

- CD-R/RW discs (Audio CD) created with CD recording devices or PCs may not properly operate in the device. This is a result of various causes, including disc format, recording method, and contamination to the disc or lens.

• **CD Compatibility**

- This device supports CD-R, CD-RW, and MP3 discs burned in Audio CD formats.
- The recording of CD-R and CD-RW discs with this device is not supported.
- CD-R/RW discs recorded as audio CDs that were not finalized are not supported by this device.

Created Disc Compatibility

- When burning a disc on a PC, the disc may not operate in this device depending on the software settings. In such cases, inquire with the software manufacturer.
- Additional information regarding compatibility is displayed on the CD-R/RW software disc box.
- DVD-R/W discs are not compatible with this device.

Cautions upon Writing CDs

- When a multi-session disc is being recorded, make sure to close the session before recording.
- If MP3/WMA file extensions are changed, such could result in errors.
- In the case of MP3/WMA, write using only English. (Other languages are not supported)
- Unauthorized use of copy-protected music files is prohibited by law.
- Prolonged use of CD-R/CD-RW products that do not satisfy related specifications may result in abnormal operation.
- When writing CDs, low-speed writing is recommended.

Compressed Audio Compatibility

- Physical formats of CD: Model 1, Model 2 XA format 1.
- This device supports audio file compressed through MPEG-1 audio stream layer 3 (MP3) using 8kbps – 320kbps. (CBR or VBR)
- For stable operation, the use of files in 95kbps – 192kbps bit rate range and 44.1kHz SAMPLING frequency is recommended.
- This device supports WMA audio files using 20kbps – 320kbps. (CBR or VBR)
- Variable bit rate files may operate, but the play time information may not be properly displayed.
- This device only supports tracks with file extension of “.mp3” or “.wma”.
- This device does not support multisession discs.
- This device supports only 8 layer folders.

- This device supports MP3 ID3 tag versions of Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3, Ver. 2.4. When using discs with other versions, the ID3 info will not be displayed.
- Although this device has been designated to be compatible with various bit rates, playing low bit rate MP3 tracks may result in low quality sound.

Before laying an M Disc

Supported Music File Specification

- Acceptable standard: MPEG1 Audio Layer 3.
- Acceptable sampling frequency: 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48(kHz).
- Acceptable bit rate: 8 ~ 320 (Kbps).

Recommended Bit Rates and Frequency

- Sampling frequency: 96 ~ 192 Kbps fixed bit rate/44.1kHz.

NOTICE

- Supported ID3 tags: ID3v1.0, ID3v1.1, ID3v1.2, ID3v2.2, ID3v2.3, ID3v2.4.
 - Supported MP3 Media: CD-ROM.
 - Supported media formats: ISO9660 LEVEL1 and LEVEL2.
-

Detailed Specification

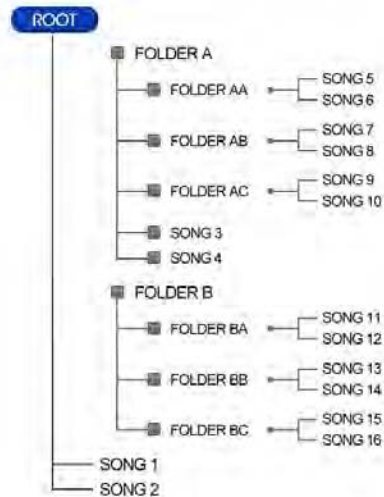
- Maximum directory layers: 8 layers.
- Maximum folder length: 64 bytes, file name length: 64 bytes.
- Supported characters for folder name/file name: 2350 characters for Alphanumeric character and Korean character sets, 4888 characters for Simplified Chinese character set.
- Maximum number of folders per disc: 256 folders. (including ROOT)
- Maximum number of files per disc: 512 files.

Precautions upon Burning Music Files

- The use of ISO 9660 LEVEL 2 °OLIET format is recommended.
- Up to 32 characters in Korean/Chinese are supported for file names and up to 20 characters in Korean/Chinese are supported for folder names.
- The use of CDs exceeding 700MB may result in faulty disc recognition or errors upon play.

File structure

Recognition occurs through the same folder structure used within the disc.



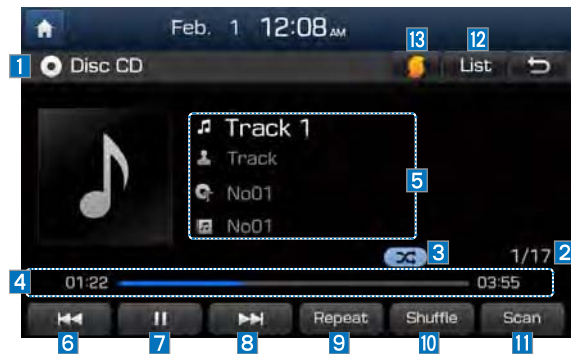
Folder structure as saved in CD-ROM



Folder structure as saved in the system

Disc CD

CD Mode Display Controls

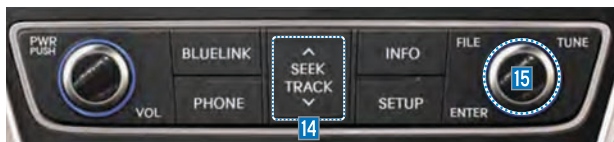


Name	Description
1 Mode	Displays current operating mode
2 Track Index	Shows the current track/total tracks
3 Repeat/Shuffle/Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time
5 Play Info	Displays track/artist/title/album information

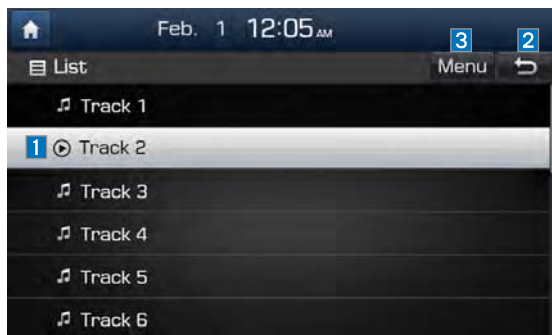
Name	Description
6 Previous Track	- When the play time is under 3 seconds the previous track - When the play time is over 3 seconds current song from the beginning
7 Play/Pause	Plays/pauses the current track
8 Next Track	Moves to the next track
9 Repeat	Repeats the current track Select the Repeat button to switch between repeating the current track  → and turning repeat off
10 Shuffle	Plays disc tracks in random order Select the Shuffle button to switch between shuffle all  → and turning shuffle off
11 Scan	Scans the beginning parts of disc tracks (approx. 10 seconds per track) Select the Scan button to switch between scan all  → and turning scan off
12 List	Moves to the track list screen
13 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.

i Information

- Album artwork is not available in the Disc CD and Disc MP3 mode.



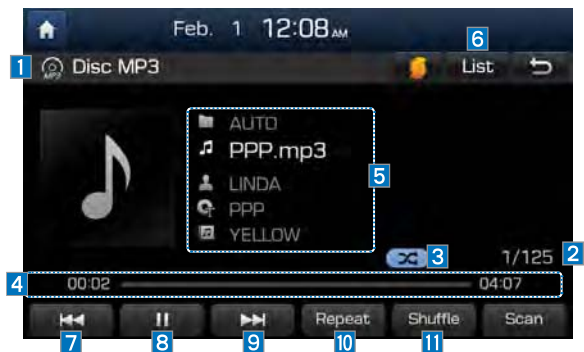
Name	Description
14 SEEK/TRACK	If button is pressed quickly (less than 0.8 seconds), it moves to previous or next track If button is pressed and held (more than 0.8 seconds), it rewinds or fast-forward the track i When pressed for 5 seconds, it will rewind or fast-forward the track at 4x speed. After that, it will rewind or fast-forward at 20x speed. Once released, the track will begin playing at normal speed.
15 TUNE	Turn the  knob and search a desired track. When the track name is displayed, press the  knob to play the track. i If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.



Name	Description
1 Current Track	Displays current playing track name
2 Back Button	Converts to basic mode screen
3 Menu	When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
4 SEEK/TRACK	• If button is pressed (less than 0.8 seconds): Plays previous/next track • If button is pressed (more than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track. It will play the track normally if it is released.
5 TUNE	Turn the TUNE knob to move the focus to the next/previous track. If the desired track is selected, press the TUNE knob to play the track.

Disc MP3

M Mode Display Controls

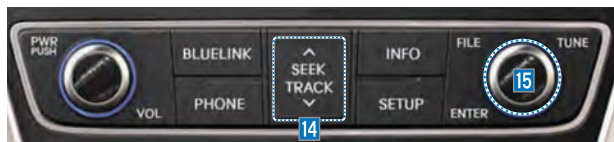
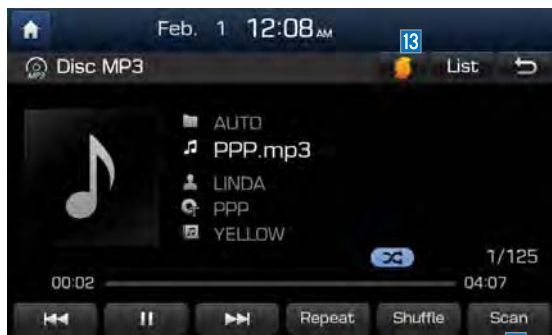


Name	Description
1 Mode	Displays current operating mode
2 File Index	Shows the current MP3 file/total number of MP3 files
3 Repeat/ Shuffle/ Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time

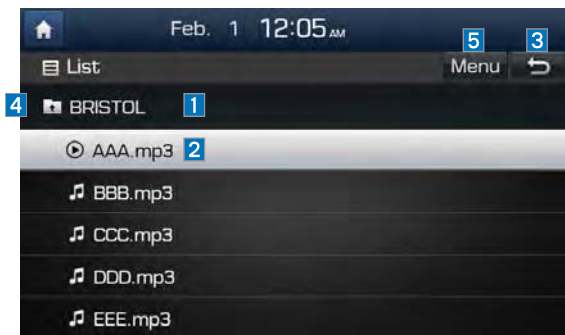
Name	Description
5 Song Info	Displays folder/file/artist/title/album info for current song
6 List	Moves to the list screen
7 Previous File	- If play time is less than 3 secs, moves to previous file - If play time is more than 3 secs, play the current file from the beginning
8 Play/Pause	Plays/pauses the current track
9 Next File	Moves to the next song
10 Repeat	Repeats the current song or all songs in the folder Select the Repeat button to switch between repeating 1 song → repeating folder → and turning repeat off i Repeat 1 song: Repeats the current song Repeat Folder: Repeats songs in the folder
11 Shuffle	Plays files in the folder or in the disc in random order Select the Shuffle button to switch between shuffle folder → shuffle all → and turning shuffle off i Shuffle folder: Plays songs in the folder in random order Shuffle All: Plays songs in the disc in random order.

i Information

- Album artwork is not available in the Disc CD and Disc MP3 mode.



Name	Description
12 Scan	Scans the beginning parts of MP3 files (approx. 10 seconds per file) Select the  button to switch between scan folder  → scan all  → and turning scan off i Scan Folder: Scans tracks in the current folder Scan All: Scans all tracks in the disc
13 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
14 SEEK/TRACK	If button is pressed (less than 0.8 seconds): Plays previous/next track If button is pressed (more than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.
15 TUNE	Turn the  knob to search a desired track. If the desired track is displayed, press the  knob to play the track. i If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.



Name	Description
1 Folder Name	Displays folder name for current file
2 Current Song	Displays current playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder	Moves to Root Folder
5 Menu	When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
6 SEEK/TRACK	- If button is pressed (less than 0.8 seconds): Plays previous/next track - If button is pressed (more than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.
7 TUNE	Turn the TUNE knob to move the focus to the previous/next track. If the desired track is displayed, press the TUNE knob to play the track.

USB

Before laying a B M

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 music/image files will not be played.
- For MP3/WMA/OGG files, only music files with compression rates between 8Kbps – 320Kbps 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 in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- USB devices, formatted to the FAT12, FAT16, or FAT32 file system, are recommended. File systems other than FAT12, FAT16, FAT32, exFAT, and NTFS are not supported.
- Some USB devices may not be supported due to compatibility issues.

- Take caution so that the USB connector does not come in contact with body parts or objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Make sure to connect/disconnect external USB devices with the audio power turned off.
- 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.
- The use of USB devices for purposes other than playing music and image files is prohibited.
- Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.
- 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 using mass storage USB devices with separate logical drives, only files saved to the root drive can be played.
- When application programs are installed to specific USBs, files may not properly play.



Plug Type Connector

- 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.
- When playing iPods, please use a dedicated iPod car cable.
- Normal operation cannot be guaranteed when other cables are being used.
- 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.
- Only use Plug type connector products, as shown in the figure below.
- To play USB MP3, the USB device must be connected to the USB port in the front multibox. The USB port in the center console storage (if equipped) is for charging only.

Product Name	Manufacturer
XTICK	LG
BMK	BMK Technology
SKY-DRV	Sky Digital
TRANSCEND °etFlash	Transcend
Sandisk Cruzer	SanDisk
Micro yRUS	yRUS
NEXTIK	Digiworks

i Information

- Problems that occur through use of USB devices not listed within the above table are not covered by the product warranty.

supported B M mus i spe i ations

Name	Description
MP3 File Specification	Specification: MPEG1 AUDIO LAYER 3
Recommended Bit Rates and Sampling Frequency	Acceptable sampling frequency: 32, 44.1, 48 (kHz)
	Acceptable bit rate: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
	96, 128, 192 Kbps fixed bit rate/44.1kHz
ID3 Tag	Supports ID3v1.0 and ID3v1.1, ID3v2.2, ID3v2.3, ID3v2.4 ID3 tags
Detailed Specifications	Maximum directory layers: 20 layers Maximum length of folder name/file name: 255Bytes Supported characters for folder name/file name: Alphanumeric characters, Korean standard character set 2,350 characters, Simplified Chinese 4888 characters Maximum number of folders which can be stored onto one USB: 2000 folders (including ROOT) Maximum number of files which can be stored onto one USB: 8000

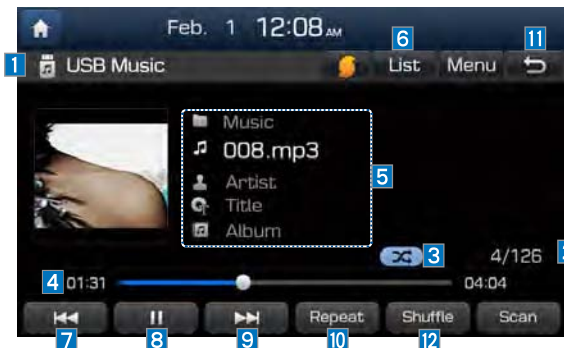
Information

- The sound quality of MP3 files that use bitrates exceeding 192 Kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not properly operate.

supported Image file i ations

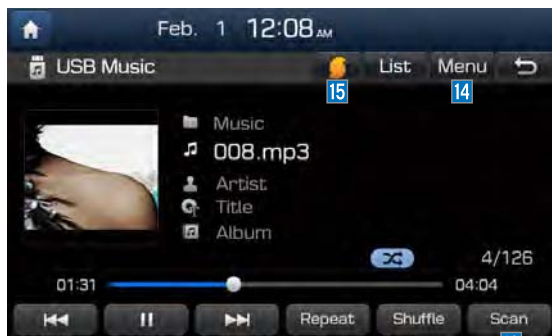
Name	Description
Image format	°PG, GIF, BMP, PNG (animated GIF, etc. are not supported)
Supported image resolution	5M pixels for °PG, BMP, PNG (1M pixels maximum for GIF)
Supported image file size	5M pixels for °PG, BMP, PNG (1M pixels maximum for GIF)

B Musi



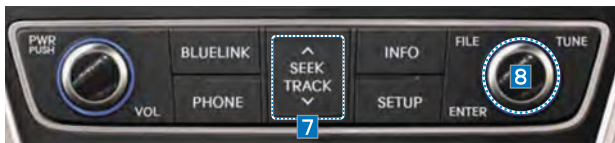
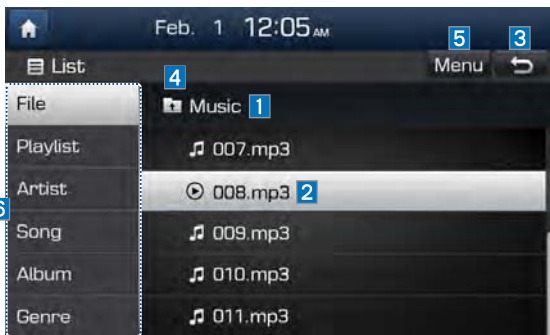
Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/ Shuffle/ Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the information of the current track - When a track in the file tab on the list screen is selected: Displays folder, file, title, artist, album info - When a track in the other tabs on the list screen is selected: Displays artist, title, album info
6 List	Moves to the list screen

Features	Description
7 Previous File	If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) - If play time is less than 3 seconds, moves to previous file - If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	- If button is pressed (less than 0.8 seconds): Moves to the next file - If button is pressed (more than 0.8 seconds): It fast-forwards the track
10 Repeat	Repeats the current file - If select the song in the file tab on the list screen: Select the Repeat button to switch between repeating one song (🔁), repeating folder (🔁), and turning repeat off (🔁) - If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the Repeat button to switch between repeating one song (🔁) and turning repeat off (🔁)
11 Back Button	Converts to basic mode screen
12 Shuffle	Plays files in random order - If select the song in the file tab on the list screen: Select the Shuffle button to switch between Shuffle Folder (🔀), Shuffle All (🔀), and turning shuffle off (🔀) - If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the Shuffle button to switch between Shuffle Category (🔀) and turning shuffle off (🔀)



Features	Description
14 Menu	• Add to Playlist: Add the current track to the Playlist. Playlist is placed on the left tab in the list • Save to My Music: You can save the current track to My Music. You can play saved track from My Music without USB. Access to My Music in the Media mode.
15 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
16 SEEK/TRACK	If button is pressed (less than 0.8 seconds) moves to previous/next file or play the current track from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds) it will rewind/fast-forward the track
17 TUNE	Turn the  knob to search a desired track. If the desired track is displayed, press the  knob to play the track.  If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.

Features	Description
13 Scan	Scans the beginning parts of USB files (approx. 10 seconds per file) • If select the song in the file tab on the list screen: Select the  button to switch between Scan Folder , Scan All , and turning scan off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the  button to switch between Scan category  and turning scan off 



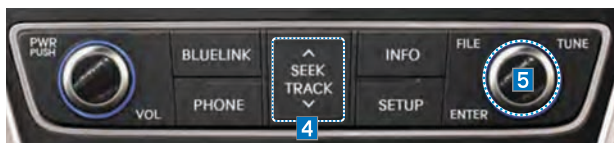
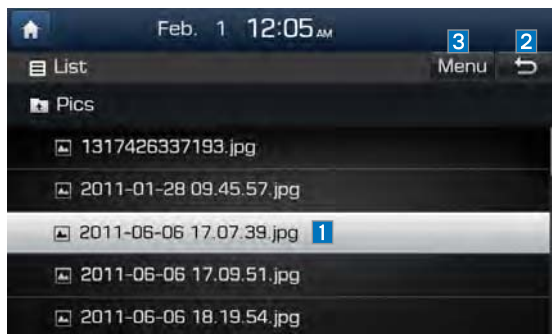
Features	Description
1 Folder/Category Name	Displays folder/category name in the list
2 Current Song	Displays the current playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder/Category	Moves to Upper Folder

Features	Description
5 Menu	• Add to Playlist: Adds the current track to the Playlist. Playlist is placed on the left tab in the list (Maximum 100 files) Select a desired track and press “Add to Playlist” to add the track in the playlist. • Delete from Playlist: Select a track you want to delete from the playlist and press “Delete from Playlist” to delete the track in the playlist • Now Playing: When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
6 Search Menu	Search tracks by the list type. Search songs according to Playlist, Artist, Song, Album, and Genre. i If access the search menu while playing a track, it moves to the previous search mode.
7 SEEK/TRACK	If button is pressed (less than 0.8 seconds): Plays previous/next track • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track. It will play the track normally if button released.
8 TUNE	Turn the  knob to move the focus to the previous/next list. If the desired track is displayed, press  knob to play the track. i If you do not anything with the knob for 5 seconds, the  knob search will be terminated.

B Image



Features	Description
1 Mode	Displays the current operating mode
2 Folder/File Name	Displays folder name where image is located
3 File Index	Shows the current file/total files within the USB
4 Slideshow	images as slideshow in 5, 10, 20, 30 second intervals
5 Rotate	Rotate image in clockwise direction
6 Info	Shows the file name, resolution and file type of current image
7 Adjust Image Size	Enlarge/reduce (zoom-in/zoom-out) image size
8 List	Moves to the list screen
9 Previous/ Next image	Swipe image left or right to see Previous/ Next image



Features	Description
1 Current File	Displays the current playing file name
2 Back Button	Converts to basic mode screen
3 Menu	Now Playing: When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
4 SEEK/TRACK	Controls background mode • Radio mode: Changes Frequency and Channel • Media mode: Changes Track (excluding AUX)
5 TUNE	Controls background mode • Radio mode: Changes Frequency and Channel • Media mode: Changes track (excluding AUX, Bluetooth Audio). • If a desired track is displayed, press the knob to move to the track. i If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.

iPod

sin i od De i es

- iPod is a registered trademark of Apple Inc.
- iPod mode will not operate if the connected iPod cannot be recognized due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate with the Multimedia system.
- For fifth generation iPod Nano devices, the iPod may not be recognized when the battery level is low. Please charge the iPod for use.
- Search/play orders shown within the iPod device may differ with the orders shown within the Multimedia 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.)

- If repeatedly connect and disconnect iPod/iPhone to the Multimedia system with USB cable in a short time, it may cause abnormal operation.
- The time for recognition of iPod/iPhone may vary depending on device type, firmware version and iOS version.
- For some iPod Touch and iPhone devices, connecting Bluetooth* while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth* support are connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to Bluetooth.
- To prevent this symptom, Bluetooth Audio function in the Multimedia system is limited if iPod/iPhone is connected to the system through both cable and Bluetooth. To listen to the iPod sound, use either iPod menu with USB connection or Bluetooth Audio with Bluetooth connection.

- To listen to the iPod sound, reconnect the USB cable or change the audio output settings in iPod/iPhone to Dock.
- In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/ iPhone products)
- ※ 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 head unit.

※ **The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)**

- ※ To play iPod music through cable connection, the iPod/USB cable must be connected to the USB port in the front multibox. The USB port in the center console storage (if equipped) is for charging only.

- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1 2 seconds immediately after connection. If possible, connect the iPod to the vehicle with the iPod stopped/paused.
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- When connecting to iPod Nano /Classic, the HYUNDAI Motor logo appears on the Apple device. For the iPod Nano 6 generation, however, the logo image does not appear since it is not supported. Also, all iPhone and iPod Touch products do not support this function.
- In Apple's iOS 6.0 version or later, Podcast and Audiobook media files are designed to be played with the Podcasts and iBooks applications specifically designed for Apple products. If the Apple device does not provide the Podcast and Audiobook lists, the playlist may not be displayed and played in the Multimedia System iPod mode.
- If the Apple Podcasts and iBooks apps are not installed on the Apple device, but the Apple device provides the Podcast and Audiobook lists, you can play files in other categories in Multimedia System iPod mode.

Caution

- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changed some functions in the device.
- When calling with an iPhone connection, song may stop playing due to an Apple device feature. If sound does not resume after the call is terminated, check the device status.
- If lots of songs have the same information, skipping may occur when previous/next song is executed due to an Apple device feature. Also problems may occur depending on device type or iOS version.
- If lots of songs have the same information, the song that plays may be different between the system and the Apple device. Reset the device or delete the same songs in the Apple device using iTunes.

- If you control pause, repeat, shuffle, or seek songs when the play time is less than 3s before the song is finished playing, it may occur difference of playing song between the Multimedia system and Apple device. Access to iPod music from another mode or pause a song and then play a song again in Apple device.

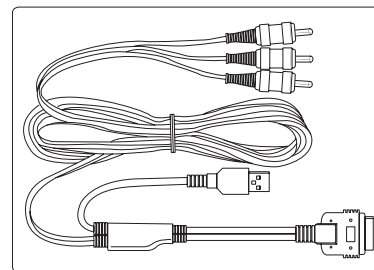
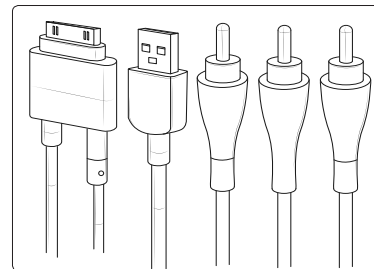
- We recommend that your Apple device uses the latest firmware since some problems may occur due to an outdated firmware or other software related issues.

Type	1G	2G	3G	4G	5G	6G	6.5G	7G
iPod Mini	Not Supported							
iPod Shuffle	Not Supported							
iPod Nano	○	○	○	○	○	○	Not released	○
iPod Touch	○ (iOS 1.1 not supported)	○	○	○	○	Not released		
iPad	○ (Unable to charge, Not verified, Normal working not guaranteed)							
iPad Mini	○ (Unable to charge, Not verified, Normal working not guaranteed)							
iPod Classic	Not Supported				○ (iPod with Video)	○ (iPod Classic)	○ (iPod Classic)	Not released
Type	3G				3GS	4G	4GS	5G
iPhone	Not verified, Normal working not guaranteed				○	○	○	○

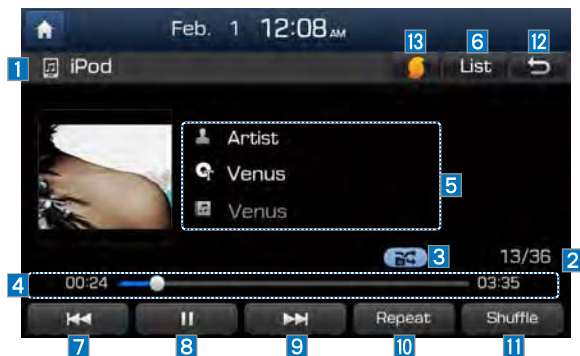
Caution

- If the iPhone/iPod Touch supports Bluetooth, the Apple device will not be able to use the Bluetooth function if the device is connected through both the USB port and via Bluetooth. Disconnect the USB connection then use Bluetooth Audio
- If iPod/iPhone connected to the Multimedia system through both USB and AUX. iPod/iPhone keeps output sound via AUX, thus it may occur sound will not output in iPod mode.
- If AUX cable connected to iPod/iPhone but not connect to the Multimedia system, it may occur sound will not output in iPod mode due to iPod/iPhone's feature. Especially, if you use AUX cable like pictures, this problem may occur.
- Disconnect AUX cable from iPod/iPhone first, then connect to the Multimedia system via USB. Or change settings to "Dock" in iPod/iPhone.

- If connect to the Multimedia system while podcast or iTunes music downloading to iPod/iPhone, it may occur some problems when you select song in the list. Reconnect iPod/iPhone to the Multimedia system when downloading is finished or the file deleted.
- If connect to the Multimedia system while sync, it may occur some problems. Try to use iPod/iPhone connection after sync complete. (To learn more, refer to your iPod manual.)
- iPhone and iPod Touch devices are guaranteed to work normally on iOS 7.0.6 or below. However, they may not work normally on future iOS versions as their operations have not yet been tested.

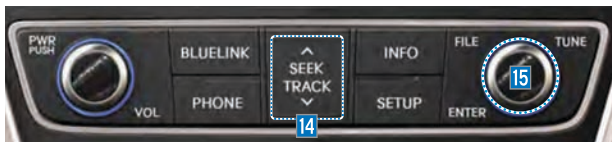


i od Mode Display Controls



Features	Description
1 Mode	Displays the current operating mode
2 Song Index	Shows the current song/total songs
3 Repeat/Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/song title/album info
6 List	Moves to the list screen

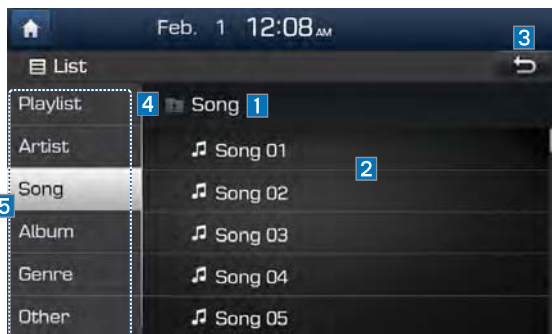
Features	Description
7 Previous File	If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) • If play time is less than 3 seconds, moves to previous file • If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds) it rewinds the track.
8 Play/Pause	Plays/pauses the current file
9 Next File	• If button is pressed (less than 0.8 seconds), Moves to the next file • If button is pressed (more than 0.8 seconds), it does fast-forward the track.
10 Repeat	Repeats the current file Select the Repeat button to switch between repeating 1 track and turning repeat off .
11 Shuffle	Plays files in random order When pressing Shuffle button, it changes to shuffle category → deactivate shuffle then repeat . • Shuffle Category: Shuffle song in the current category
12 Back Button	Move to home/previous mode screen
13 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.



Features	Description
14 SEEK/TRACK	If button is pressed (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If button is pressed (more than 0.8 seconds) it will rewind/fast-forward the track
15 TUNE	Turn the  knob to search a desired track. If the desired track is displayed, press the  knob to play the track.  If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.

NOTICE

- For USB media or iPod music, the USB/iPod cable must be plugged in to the USB port in the front multibox. The USB port in the center storage console is for charging only.



Features	Description
1 Category Name	Displays the category name
2 Category List	Displays the contents of selected category i If there are many items in the list, items are added in order and the scroll bar on the right is adjusted accordingly.
3 Back Button	Converts to basic mode screen
4 Upper Folder	Moves to Upper Folder
5 Search Menu	Search tracks by the list type. Search songs according to Playlist, Artist, Song, Album, and Genre. i If access the search menu while playing a track, it moves to the previous search mode.
6 SEEK/TRACK	If button is pressed (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If button is pressed (more than 0.8 seconds) it will rewind/fast-forward the track.
7 TUNE	Turn the  knob to search a desired track. If the desired track is displayed, press the  knob to play the track. i If you do not anything with the knob for 5 seconds, the  knob search will be terminated.

AUX

Connecting an External Device

If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate. Once the connector is disconnected, the previous mode will be restored.

- AUX mode can be used only when an external audio player has been connected.
- The AUX volume can also be controlled separately through the connected device.



Features	Description
1 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
2 Back Button	Move to home/previous mode screen

i

Information

SEEK

TRACK

key,

TUNE

 is not supported.

NOTICE

• If only a cable is connected to the AUX without an external device, the mode will be changed to AUX, but noise may occur. When an external device is not being used, remove the connector jack.

• When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.

AUX | 2-37

02

Bluetooth Audio Mode Display Controls



Features	Description
1 Mode	Displays the current operating mode
2 Phone Name	Displays name of connected phone
3 Artist Info	Name of current artist
4 Title	Name of current song
5 Previous File	- If play time is less than 3 seconds, moves to the previous file - If play time is over than 3 seconds, plays the current file from the beginning <i>i</i> This function may differ depending on the model of mobile phone
6 Play/Pause	Plays/Pauses Bluetooth Audio
7 Next File	Moves to the next file
8 Connections	Moves to the Bluetooth Settings screen. You can pair a new device or change/delete paired device(s)
9 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
10 SEEK/TRACK	Plays the previous/next file
11 TUNE	is not supported.

i Information

- Artist info and Title may not be supported by mobile phone

Bluetooth Connections

Settings for pairing, connection and disconnection of a Bluetooth device



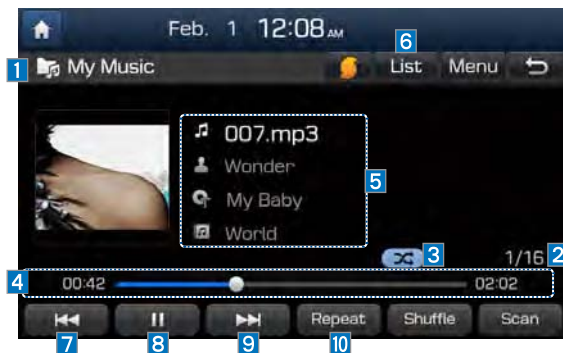
- In Bluetooth Audio play screen, select

Connections

i Information

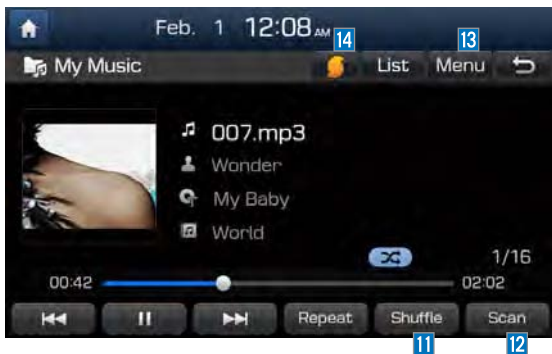
- If the music in the mobile phone is not played after changing to audio streaming mode, press the play button. Thus check if the music is playing in the Bluetooth device after changing to audio streaming mode. Audio streaming may not be supported for some mobile phones.
 - Please check the Bluetooth compatibility in below website: HYUNDAI Motor America
<https://www.hyundaiusa.com/bluetooth>
-

My Music



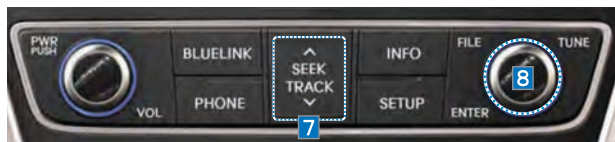
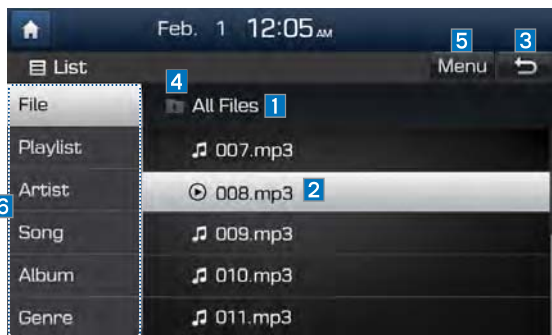
Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files
3 Repeat/ Shuffle/Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the information about the current track - When a track in the file tab on the list screen is selected: Displays file, artist, title, album info - When a track in the other tab on the list screen is selected: Displays artist, title, album info
6 List	Moves to the list screen

Features	Description
7 Previous File	If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) - If play time is less than 3 seconds, moves to previous file - If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	- If button is pressed (less than 0.8 seconds): Moves to the next file - If button is pressed (more than 0.8 seconds) it will fast-forward the file
10 Repeat	Repeats the current file - If select the song in the file tab on the list screen: Select the Repeat button to switch between repeating one song  and turning repeat off. - If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the Repeat button to switch between repeating one song  and turning repeat off 



Features	Description
11 Shuffle	Plays files in random order - If select the song in the file tab on the list screen: Select the button to switch between shuffle and turning shuffle off - If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the button to switch between shuffle and turning shuffle off

Features	Description
12 Scan	Scans the beginning parts of files (approx. 10seconds per file) - If select the song in the file tab on the list screen: Select the button to switch between scan and turning scan off - If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the button to switch between scan and turning scan off
13 Menu	- Add to Playlist: Adds the current song to the Playlist Playlist is placed on the left tab in the list - Delete Current File: Deletes the current track from My Music.
14 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
15 SEEK/ TRACK	If button is pressed (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning - If play time is less than 3 seconds, moves to previous/next file - If play time is more than 3 seconds, plays the current file from the beginning If button is pressed (more than 0.8 seconds) it will rewind/fast-forward the track
16 TUNE	Turn the knob to search a desired track. If the desired track is displayed, press the knob to play the track. If the knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.



Features	Description
1 Folder/Category Name	Displays folder/category name in the list
2 Current Song	Displays the current playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder	Moves to Root Folder

Features	Description
5 Menu	• Add to Playlist: Adds the current track to the Playlist: Playlist is placed on the left tab in the list (Maximum 100 files) Select a track and press “Add to Playlist” to add the track in the playlist • Delete from Playlist: Select a track from the playlist and press “Delete from Playlist” to delete the track in the playlist • Delete Files: Deletes files from My Music i If delete file from My Music, the information related to song also deleted in the list. • Now Playing: When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
6 Search Menu	Search tracks by the list type. Search songs according to Playlist, Artist, Song, Album, and Genre. i If access the search menu while playing a track, it moves to the previous search mode.
7 SEEK/TRACK	If button is pressed (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If button is pressed (more than 0.8 seconds) it will rewind/fast-forward the track
8 TUNE	Turn the  knob to move the focus to previous/next file. If the file you want to play is displayed, press  knob to play the track. i If the  knob is not pressed within 5 seconds of searching tracks, Tune search will be terminated.

03

part.3 Bluetooth

Before Using the Bluetooth Handsfree
Bluetooth Connection
Bluetooth Phone

Bluetooth

Before Using the Bluetooth® Handsfree

What is Bluetooth Wireless Technology

- **Bluetooth Wireless Technology** refers to a short-distance wireless networking technology which uses a 2.4 GHz 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** can 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 Multimedia system.

- The Bluetooth Handsfree feature may not be supported in some mobile phones. For more information on mobile phone compatibility, visit the HYUNDAI website - HYUNDAI Motor America: <https://www.hyundaiusa.com/bluetooth>



Instructions

- Focus on the road while driving. The driver's primary responsibility is in the safe and legal operation of the vehicle. Drivers should not use any hand held devices or other equipment or vehicle systems that distract the driver during vehicle operation.
 - Do not stare at the multimedia screen for long periods of time while driving. Staring at the screen for prolonged periods of time can lead to traffic accidents and can result in personal injuries.
-

Precautions for Safe Driving

- Bluetooth is a feature that enables drivers to make handsfree calls. Connecting the head unit with a Bluetooth phone allows the user to conveniently make calls, receive calls, and manage the phonebook. 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.**

C I S u on Connectin luetooth Phone

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth features
- Even if the phone supports *Bluetooth* Wireless Technology, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth power is turned off. Disable the hidden state or turn on the Bluetooth power prior to searching/connecting with the head unit.
- If Auto Connection is used, the Bluetooth phone is automatically connected when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.
- If you do not want automatic connection with your Bluetooth device, turn the Bluetooth feature off of the Bluetooth device.
- Park the vehicle when connecting the head unit with the mobile phone.
- Bluetooth connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
 1. Turn the Bluetooth function within the mobile phone TMFF/TMN and try again.
 - Turn the mobile phone power TMFF/TMN and try again.
 3. Completely remove the mobile phone battery, reboot, and then again.
 - Reboot the Multimedia System and try again.
 5. Delete all paired devices from both of Phone and Head Unit sides and then try again
- The Handsfree call volume and quality may differ depending on the mobile phone.
- Pairing Bluetooth devices and use of other Bluetooth features are not supported when the vehicle is in motion. For safety, please first park your vehicle.
- If you continue having issue downloading your contacts to your vehicle, contact your mobile phone provider.

Bluetooth Connection

Pairing a mobile phone

Before you can use the Bluetooth feature, you must first pair/connect your mobile phone to your car.

Up to 5 Bluetooth devices can be paired.

Only one Bluetooth device can be connected at a time.

Pairing a mobile phone by Selecting Phone-Call

Press the **PHONE** key or **☎** key in the steering wheel remote control. ▶ Pair your car after your mobile phone detects the Bluetooth device. ▶ Enter the passkey or accept the authorization popup. ▶ Connect Bluetooth.

Pairing a mobile phone through the Phone Settings

Press the **SETUP** key. ▶ Select **Phone**. ▶ Select **Bluetooth Connection**. ▶ Select **Add New**. ▶ Pair your car after your mobile phone detects the Bluetooth device. ▶ Enter the passkey or accept the authorization popup. ▶ Connect Bluetooth.



The default passkey is 0000.

The Vehicle Name above is an example. Check the actual information on the product.

Connecting Bluetooth devices

Connects the Bluetooth devices that you add.

Connecting devices by Selecting Phone-Call

Press the **PHONE** key or **☎** key in the steering wheel remote control. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.



Connectin e ices hrou h the Phone Settin s

Press the **SETUP** key. ▶ Select **Phone**.
▶ Select **Bluetooth Connection**. ▶ Select the
name of the device to connect. ▶
Connect Bluetooth.



isconnectin luetooth e ices

Disconnects Bluetooth devices that are
connected.

Press the **SETUP** key. ▶ Select **Phone**.
▶ Select **Bluetooth Connection**. ▶ Select the
name of the device to disconnect.



eletin luetooth e ices

Deletes the Bluetooth devices that you
added. Note that deleting a Bluetooth
device will delete all Call History and
Contact Info downloaded along with it.

Press the **SETUP** key. ▶ Select **Phone**.
▶ Select **Bluetooth Connection**. ▶ Select
Delete Devices. ▶ Select the device name
to delete. ▶ Select **Delete**.



Phone Status Icons

Shows the current phone status in the right top of the display.



Icons	Description
	You can use Bluetooth phones when a Bluetooth Hands-free connection is established.
	You can use Bluetooth audio features when a Bluetooth audio connection is established.
	You can use Bluetooth phones and audio features when both Bluetooth Hands-free and audio connections are established.
	Call signal strength indicator
	Battery level of the Bluetooth devices connected
	Downloading Call History list
	Downloading Contacts
	In a Bluetooth phone call
	Microphone muted

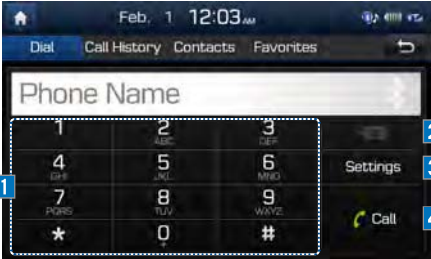
i Information

- The battery level icon and the call signal strength indicator may not be supported in some Bluetooth devices.
- The battery level may differ from the actual level remaining

ial

Dials a call after the Bluetooth devices are connected.

- Press the **PHONE** key or  key in the steering wheel remote control.
- You can also select **All Menus** icon, and then **Phone** icon.



Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Press and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone
2 Delete	Deletes the numbers that you entered.
3 Settings	Moves to a screen of Phone Settings.
4 Call	Makes a call after you dial a number and select CALL. If the number is listed in Dialed Calls, you can select the number and press CALL to automatically dial that number again.

i Information

- Some types of mobile phones may not support the Speed Dial function.

cce t- e ect Call



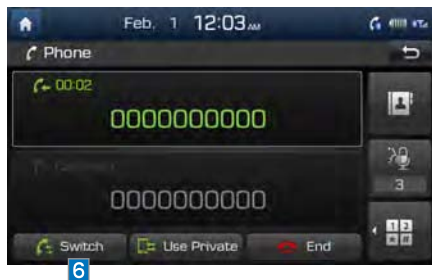
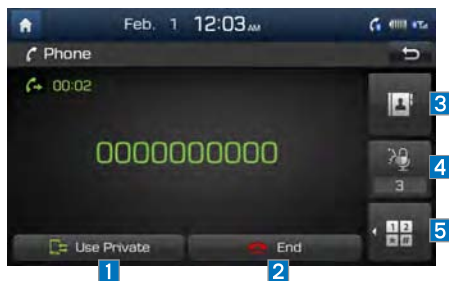
If there is an incoming call after you made a Bluetooth connection, a popup message will appear.

Name	Description
1 Accept	Answers the call.
2 Re'ect	Ignores the call.

i Information

- In some mobile phones, the caller's number may not be displayed, and the Re'ect feature may not be supported.

sin the enu urin a Phone Call



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

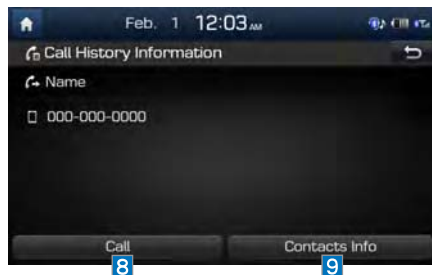
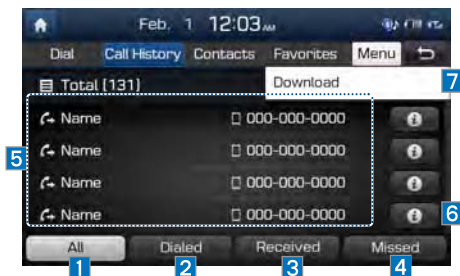
Name	Description
1 Use Private	Switches a voice call from the car Hands-free to the mobile phone.
2 End	Ends a call.
3 Contacts	Displays the Contacts list.
4 TM utgoing olume	Displays the Mic olume settings. You can ad"ust the in-call volume that the other party hears (level 1 - 5).
5 Keypad	Moves to a screen for entering ARS numbers.
6 Switch	Switches to a call on hold, if any. You can also switch calls by selecting the number in the Information Display. The Switch function switches the current call to a waiting call in order to answer a new incoming call.

i Information

- If the caller's number is listed in Contacts, the caller's name will be displayed. TMtherwise, only the number will be displayed. In some mobile phones, the phone number may not be displayed.
- In some Bluetooth devices, the Use Private feature may not be supported.
- In some Bluetooth devices, the Switch feature may not be supported.
- During a phone call on a Bluetooth Hands-free, you cannot access other modes, such as Radio and Setup.
- Depending on handset types, the in-call volume the other party hears may differ. If the other party hears your voice too low or too loud, ad"ust the mic volume.

Call History

Press the **[Call History]** key, and then **[Menu]**.



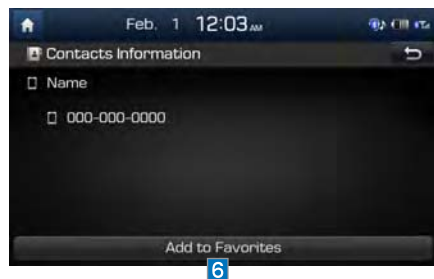
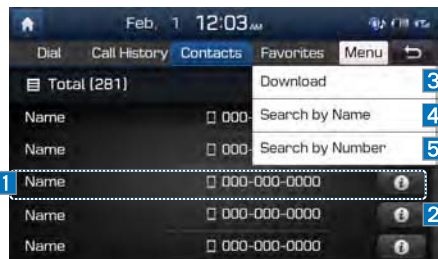
Name	Description
1 All	Lists the all call history.
2 Diald	Lists the calls that you made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls you missed.
5 Call History	Displays all of your call history. Select from the list to dial the number.
6 Information	Displays the details of your call history information.
7 Download	Downloads the call history information from your mobile phone.
8 Call	Dials the selected number in your Call History Information.
9 Contacts Info	Goes to the Contact Information screen if the number has been stored.

i Information

- In some mobile phones, call records may not be added to your Call History.
- Calls from restricted ID's are not added to your Call History Information.
- Up to 50 calls can be added in each Diald Calls/Received Calls/Missed Calls list.
- The durations of each diald/received call are not displayed in your car's Call History list.
- While the call history download is in progress, the status bar displays an icon ().
- If the call history download is turned off on the Bluetooth device, the call history download will fail.
- Some devices require a device authentication for downloading your call history. If download fails, check if the Bluetooth settings or display status are normal.
- Some devices do not support call history download. Check if your Bluetooth device supports download feature. For details regarding Bluetooth-supported devices and their functional compatibility, visit <https://www.hyundaiusa.com/bluetooth>

Contacts

Press the **[Left]** key, and then **[Right]**



Name	Description
1 Contacts List	The list of Contacts. Select from the list to dial the number.
2 Information	Displays contact information.
3 Download	Downloads contacts from your mobile phone.
4 Search by Name	Searches Contacts for the name that you enter.
5 Search by Number	Searches Contacts for the number that you enter.
6 Add to Favorites	Adds a phone number to Favorites.

i Information

- Up to 5000 phone numbers can be downloaded from a single, paired Bluetooth device.
- You cannot edit or delete downloaded phone numbers from your car.
- Contacts can be viewed only when the Bluetooth device is connected.
- Even if the Bluetooth device is disconnected, the downloaded data will remain. (Note that deleting a paired phone will also delete all downloaded Contacts and Call History data)
- Downloaded phone numbers may be lost depending on the condition of the head unit. Keep your important data in a safe place.
- Contacts from both the SIM card and your mobile phone are downloaded at the same time by default.
- The status bar displays a **[Download Icon]** while downloading contacts.
- The download will not be available if the contacts download function is turned off on your Bluetooth device.

- Some devices require a device authentication for downloading your contacts. If download fails, check your phone screen and confirm the download if necessary.
- Some devices do not support contacts download feature. Check if your Bluetooth device supports contacts download. For Bluetooth supporting devices details and compatibility, visit <https://www.hyundaiusa.com/bluetooth>

a orites

Press the **PHONE** key, and then **Favorites**.

Name	Description
1 Favorites	Lists the phone numbers saved as Favorites. Select from the list to dial the number.
2 Add New	Adds a new number to Favorites.
3 Delete Items	Deletes numbers that you select from Favorites.
4 Delete All	Deletes all of the numbers from Favorites.

MEMO

part.4 Blue Link[®] Control

Name and Function of Each Part

Before Use

Getting Started with Blue Link

Driving Info

Send to Car with Google

Vehicle Diagnostics

Blue Link Settings

Blue Link Voice Local Search

04

Blue Link® Control

Name and Function of Each Part

Rear View Mirror Switch

Using the Rear View Mirror switch

Selecting the Rear View mirror switch will allow you to make service required inquiries, place search, and emergency Service by connecting to the Blue Link Center. Such features can be used only after subscribing to the Blue Link service.



※ The actual feature in the vehicle may differ from the illustration.

Instructions Display		Contents
1		Blue Link • Start or ends the Blue Link call.
2		Blue Link Voice Local Search • Request information about places via Blue Link Voice Local Search.
3		SOS • Start or ends the SOS call.

※ Refer to Blue Link service manual for more Blue Link features.

Before Use

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 infomatics, and 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.

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

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.

i Information

- A separate fee may be charged for using Blue Link, and features may differ according to your service plan.

Press the **BLUELINK** key in the head unit.



Name	Description
1 Driving Info	Displays information such as Driving Time/Idle Time, Deceleration/Acceleration Distribution, Driving Speed and Driving Distance.
2 Send to Car with Google	Displays information about places received via Blue Link Voice Local Search.
3 Vehicle Diagnostics	Inspects vehicle malfunctions and provides diagnostics.
4 Blue Link Settings	Activates the service or displays modem information.

Connecting with the Blue Link Center

Press the **PHONE** key in the rear-view mirror to connect with the Blue Link center.



Blue Link® Safety and Security Service

Auto Crash Notification

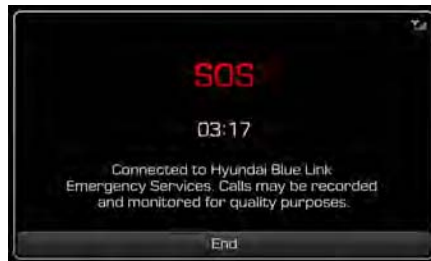
Provides immediate assistance when an accident occurs and an airbag is deployed. In this event, an ACN signal, containing customer and location information, will automatically be transmitted to the response center. Upon receipt of the signal, a response specialist will attempt to establish voice communications with the vehicle occupants and forward any pertinent information to Blue Link emergency services.



SOS

Customers request emergency Blue Link emergency services by pressing the dedicated **SOS** key 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 emergency first responder 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.

Getting Started with Blue Link I 4-5

Driving Info

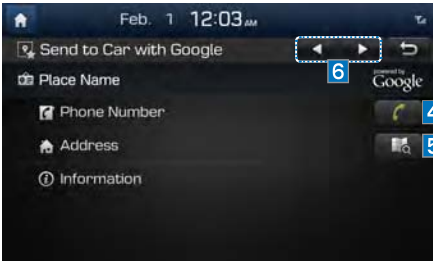
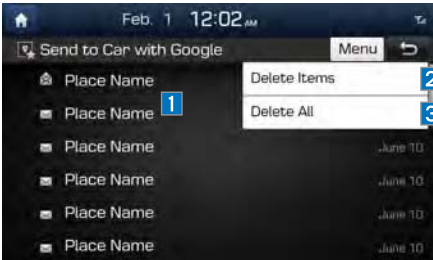
Press the **BLUELINK** key ► Select **Driving Info** icon.



This service can be used while your car is stopped and the engine is on.
Select **Update** button to receive up-to-date driving information.

Send to Car with Google

Press the **BLUELINK** key ► Select **Send to Car with Google** icon.



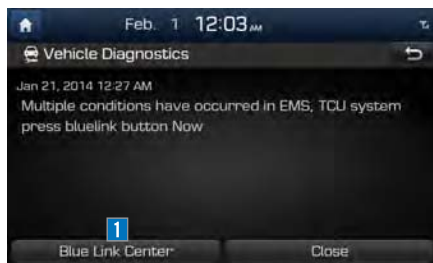
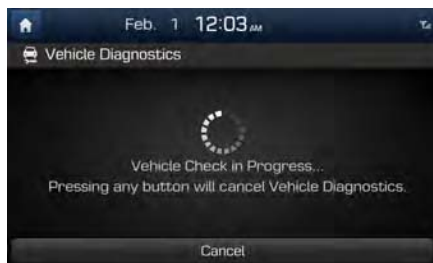
Name	Description
1 Place list	Displays the list of received places
2 Delete Items	Deletes selected items from the place list.
3 Delete All	Deletes all items from the place list.
4 Dial	Displays the phone number of a selected place. Press the number to make a call.
5 View Map	Displays the address of a selected place. Press the address to view map
6 Previous/Next	Displays the previous or next place information.

You can check information about places received via Blue Link Voice Local Search. To use Send to Car with Google, first you need to sign up to the Blue Link.

Vehicle Diagnostics

Press the **BLUELINK** key ► Select

Vehicle Diagnostics icon.



Name	Description
1 Blue Link Center	Calls the Blue Link Center to check for vehicle problems

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.

Blue Link Settings

For more details, refer to part 9. Setup > Blue Link Settings.

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 using voice commands.

This feature operates separately from the voice recognition feature that activates from the button on the steering wheel.

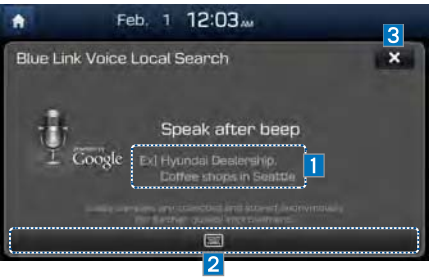
The Google local search feature is activated by pressing the  button on the rear view mirror.

The search is done through network services; it is only available when connected to a communication network.

You must have a Blue Link subscription to activate this feature.

Starting Blue Link Voice Local Search

Press  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 the  key in the rear-view mirror again to end the service.

05

part.5 Navigation

Basic Features

Menu

Search

Route

Navigation Settings

Troubleshooting

Operating Navigation Screen

Basic features on the map screen.



	Name	Description
1		Move to the Home Screen
2		Change the map view mode.
3		Adjusts the volume.
4		Zoom in the map.
5		Set the zoom level automatically according to the guidance.
6		Zoom out the map.
7		Quick and easy selection of a destination and options.
8		Touch to scroll the map.
9		Quick and easy selection of a destination from the map screen.
10		Set a waypoint to the current route.
11		Save frequently used address to address book.
12		Find a POI(Point Of Interest) around the current position.
13		View the vehicle's current position on the map screen.

Changing Map View



Touch the compass arrow icon to toggle between a map oriented to the North, oriented parallel to the vehicle's heading and 3D View.

Voice Guidance Volume On/Off

Select the  button to adjust the navigation volume.



Select the  button



Zoom In /Zoom Out

Zoom the map view screen in and out.

Zoom In and Zoom Out



Select  or  to set the zoom level

Map Scale

Sets the zoom level automatically according to the type of road.



Name	Description
 Scale Fix	Manually adjust the map scale.
 Auto Scale	Change the map scale automatically depending on the type of road.

Route

Select the  button on the bottom left of the screen ► Select the  button



Select the  button to set  or .

Route Option



You can select an option from Route, Traffic Information, Freeway, Toll Roads, Ferry, HOV/Carpool Lanes, Toll Pass, or Private/Gated Roads.

Select the  button to save your selection.

If there is a route already saved, another route will be searched.

Detour



The  button is active only when there is an active route.



Selected distance is detoured from the current location.



Select the  button to select the distance ahead to avoid. (Highlighted grey indicates distance to avoid)

Name	Description
1 	Reduce the length of the section to avoid.
2 	Increase the length of the section to avoid.
3 	Confirm detour

Map Display

Displays the direction of the map.
Press , , or .



Name	Description
1  (North Up (2D))	Displays always has north at the top of screen.
2  (Heading Up (2D))	Displays always shows the vehicle's direction as proceeding towards the top of the screen.
3  (3D)	Shows the map in 3 dimention's.
4 3D Buildings	Shows or hides build-ings on the map.

Navigation Volume

Select the  button to adjust the navigation volume.



Select the  button.

Name	Description
1 	Set the volume to mute.
2 	Turn the volume down
3 	Turn the volume up
4 	Slide to set the volume



Nearby POIs

Display nearby POIs on the map.

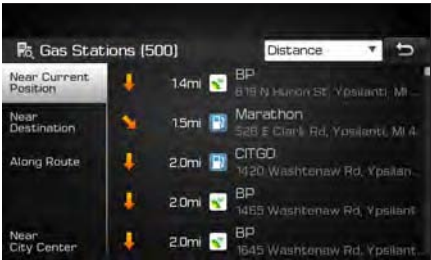
View Nearby POIs

Select the  on the bottom of the left screen ► Select the  button.



Select the ,  button to set whether to show nearby POIs or not.
When categories are selected, they will appear on the map. (ex. Gas Station)

The lists of nearby gas station are displayed.



The list can be sorted to display in order of distance or name.



Name	Description
1	Call to the selected location (Phone needs to be connected via Bluetooth)
2	Set the place as a destination.
3	Set the location as a way-point.
4	Save the location
5	Search nearby POIs.

Editing



Change the shortcut POIs to display for your shortcuts(ex. Gas Station)



Select the desired category to change. (ex. Restaurants)



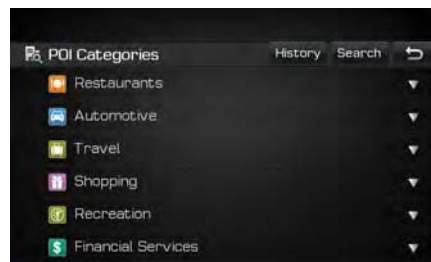
Select new category to display (ex. American)



button is changed to

Searching POI categories

Select the button on the bottom left of the screen. ▶ Select the button. ▶ Select the button. ▶ Select the desired item.

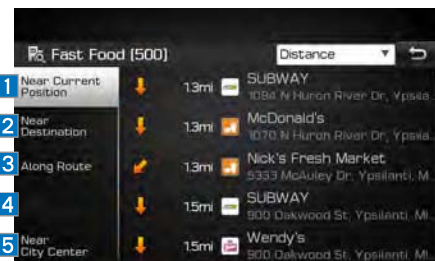


Select the item to search.

Select the button to check the previous search result.



Select the button to search the POI category by name.



Select the desired POI to check the location and for detailed information.

Name	Description
1	Search POI around the current position.
2	Search POI around the destination. i Active only when a route's planned
3	Search POI along route. i Active only when a route's planned
4	Search POI around the current cursor when the map scrolled. i Active only when the cursor position is different from the vehicle position
5	Search POI around the city selected

Traffic

Select the  button. ► Select the  button.

Traffic List




On the traffic list, the current traffic/road event information is displayed in order of distance

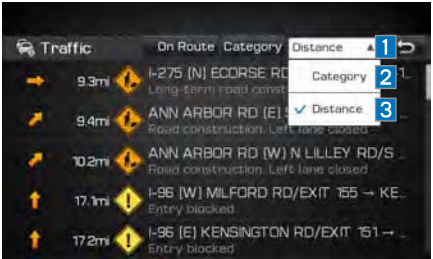
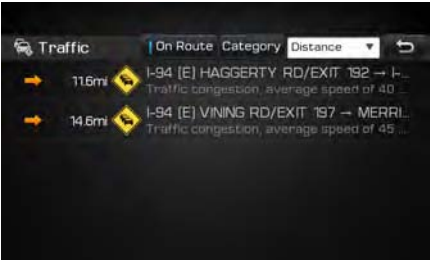
Name	Description
1	Direction from the current location.
2	Distance from the current location (mi or km)
3	Displays traffic info symbol based on the type of event.
4	Description of traffic event.

Additional traffic information may be displayed upon clicking on the  button.




Name	Description
1	Display 'Road Construction' information
2	Display 'Accident' information
3	Display 'Slow Traffic' information
4	Display 'Incident' information
5	Display 'Hazardous Road Conditions' information
6	Display 'Travel Information'

When On Route is activated, only traffic information on your route is displayed.

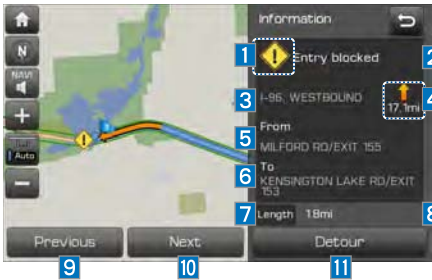


On the traffic list, the current basic traf-
fic/road event information is displayed in
order of distance.
Select the combo box to change the
arrangement in order of distance/cate-
gory.

Name	Description
1	Select the combo box to arrange.
2	Arrangement by category: Display traffic information arranged in order of traffic information event type.
3	Arrangement by distance: Display the traffic information in order of distance closer to the current loca- tion.

Traffic detail

Select the  button on the bottom left of the screen. ► Select the  button.



Select the traffic information on the traffic list to display the detailed screen as shown in the screen.

Display the symbol of traffic event and arrow which indicates the road from start to end of the traffic event. Detailed infor-
mation is available on the right screen.

Name	Description
1	Symbol of traffic event
2	Event name of traffic information
3	Road name / road number including direction
4	Direction and distance from the current location
5	Intersection where traffic event starts
6	Intersection where traffic event ends
7	Total distance of traffic event
8	Estimated delay time
9	Check the previous traffic information
10	Check the next traffic information
11	Detour the route based on the traffic information

Traffic detour

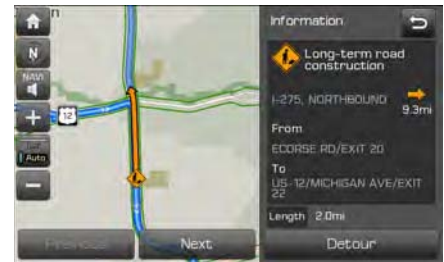
Select the  button on the bottom left of the screen. ► Select the  button.

If there is traffic information on the route, it is possible to detour the route using traffic information and search other routes.

When the  button is enabled in the View Traffic Detail, press the  button to detour.



Select the desired section.



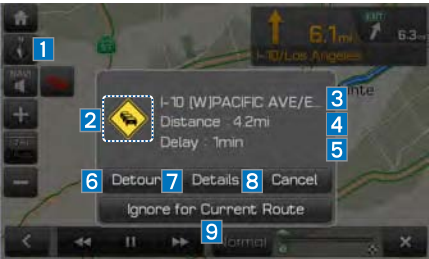
Check the information and press the  button.



Select the button to apply the detoured sections and search other routes.

Traffic Pop-up

Select the button on the bottom left of the screen. ► Select the button.



If there is “red traffic flow” on the route, a traffic information pop-up is displayed.

On the traffic information popup window, brief information is displayed and Details and Detour can be selected.

If you do not wish to see this pop-up displayed again during the current route, select “Ignore for Current Route” on the display.

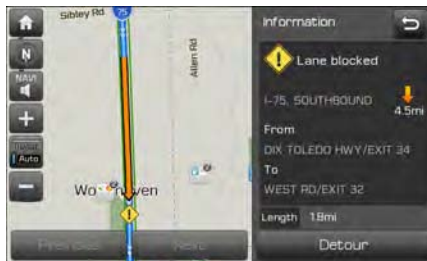
Name	Description
1	Pop-up Icon
2	Symbol of traffic event
3	Road Name / Road Number
4	Distance from current location
5	Estimated delay time
6	Search detour route
7	View the detailed information regarding traffic event
8	Close the pop-up message
9	Set not to display pop-up on the current route. (Maintained until the destination is reset)



On the traffic information pop-up, select  or  to perform action.



Select  to change the route.



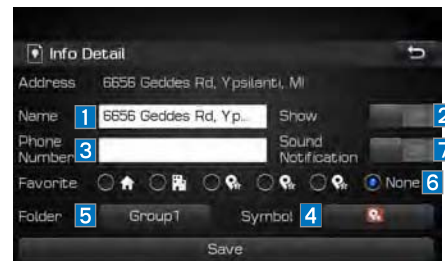
Select the  button for further information.

Save

Select the  button on the left bottom of the screen. ► Select the 



To store the location on the current map to the address book.



Name	Description
	Change the name.
	Select the  ,  button to display on the map.
	Enter the phone number.
	Possible to register 
	Change the stored 
	Designate to the  item. When the favorite is designated, press the button on the bottom of the Destination menu and request the route guide immediately.
	Select the  ,  button to set the sound notification.
	Save the setting.

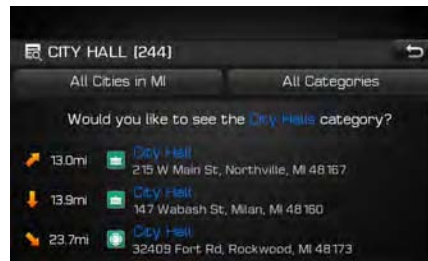
Places

You can enter POI Name, Address, or Coordinates that you wish to search by.

Press the  key. ► Select the  tab. ► Select the  search bar.



Enter the POI Name, Address and Coordinates of the location you want in the input window above, and select the  button.



If you select a location from the search result list, it will bring you to the point.



If you select the  button on the search result screen, it will bring you to the City search screen where you can filter the search results by city names.



If you select the  button from the search result screen, it will bring you to the POI Categories screen where you can filter the search results by POI Categories.



Once the destination has been identified either by POI name, address, or coordinates, the map screen will be displayed. From this screen you can set the destination or add a waypoint, or add the displayed destination to your address book.

Address

Set destination by address search.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.

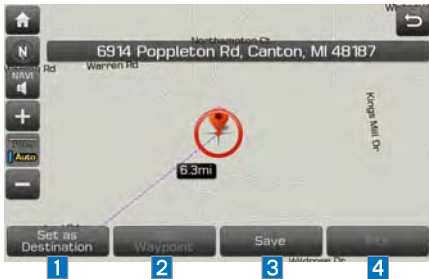


How to Search Address



Name	Description
1	Select state to search
2	Enter house number. If you don't know the house number, select  button.
3	Enter the street name. Entering exact street name is required. The letters on the keyboard are automatically enabled and disabled based on the search result, and words are automatically completed. When same street names are available in other cities, the lists of city are displayed.
4	Select a city before entering the street name. Addresses are searched only from the selected city.

Search criteria can be entered in any order. Example: [State] then [City] then [Street] then [House No.]



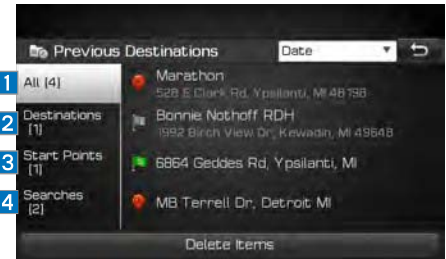
Enter the address to check the location information on the map.

Name	Description
1 [Redacted]	Set the location as a destination.
2 [Redacted]	Set the location as a waypoint.
3 [Redacted]	Save the location
4 [Redacted]	Search nearby POIs.

Previous Destinations

Select from previously inputted addresses and POI's.

Press the [Redacted] key. ▶ Select the [Redacted] tab. ▶ Select the [Redacted] icon.



Arrange by all, latest destinations, latest searched places and latest departing places.

Arrange in order of date and name.

Name	Description
1 [Redacted]	Display all destinations, departing places, and searched places.
2 [Redacted]	Display previous destination places for route guidance
3 [Redacted]	Display previous departing places for route guidance
4 [Redacted]	Display previously searched places for route guidance. <i>i</i> But, not displayed when the searched places are set as destination.



Select the  button to delete the information.

Name	Description
	Select all.
	Deselect all.
	Delete the selected item(s).

Local Search

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



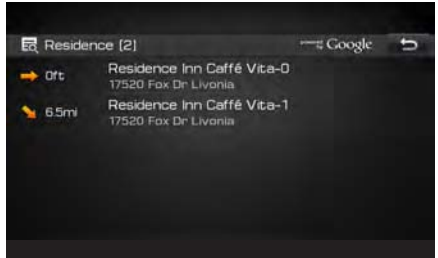
Runs Google Local Search.



Enter the desired keywords and select the  button.



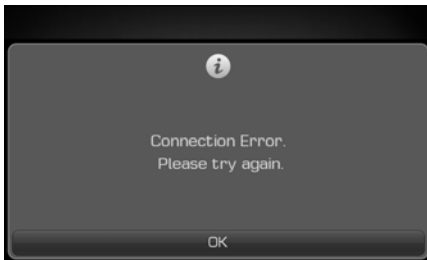
Searching is in progress.



If search successes, search results are displayed. Select one of the search result.



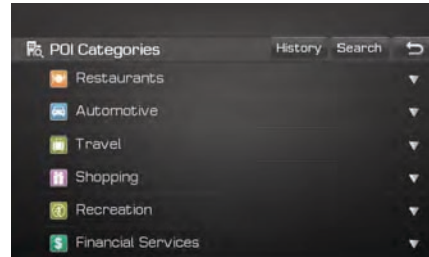
Select the  button to start guidance.



If failed, the connection error message is displayed as above. Please try again.

POI Categories

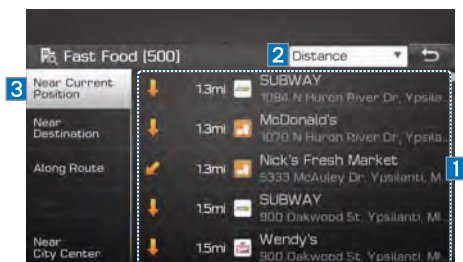
Press the  key. ▶ Select the  tab. ▶ Select the  icon.



Select the desired item.



Select the desired item in the sub-categories.



Name	Description
1	Select the desired destination among the searched items and add it as a way point.
2	Arrange in order of Distance and Name.
3	Arrange in order of Near Current Position, Near Destination, Along Route, Near Scroll Mark and Near City Center

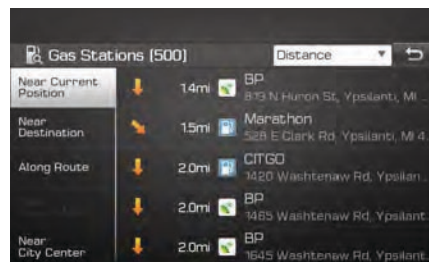
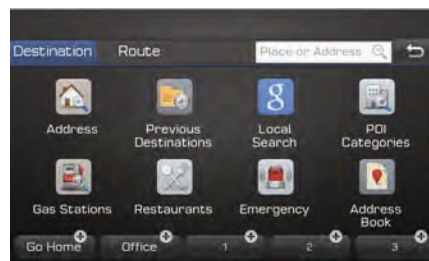
Gas Stations

Search for gas stations.

Press the  key. ► Select the

 tab. ► Select the 

icon.



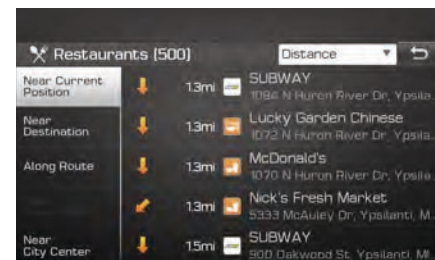
Select the desired destination among the searched items.

Restaurants

Search restaurants.

Press the  key. ► Select the

 tab. ► Select the  icon.

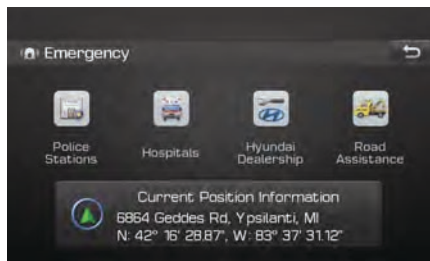


Select the desired destination among the searched items.

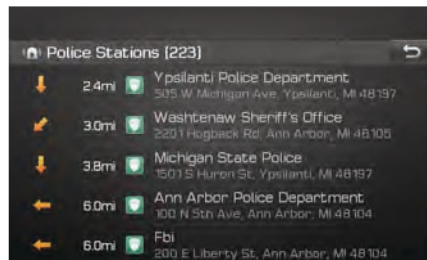
Emergency

Search emergency facilities.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



Check the current location information and select the desired item in the sub-menu(ex. Police Station).



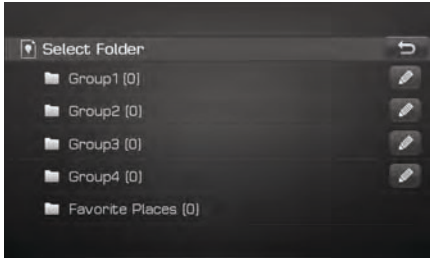
Select the desired destination among the searched items.

Address Book

Search the destination with the address book.

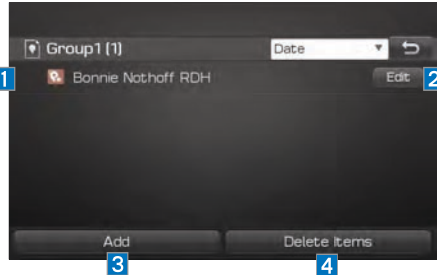
Press the  key. ▶ Select the  tab. ▶ Select the  icon.





Select the desired group.

If you save addresses in the Favorite Places folder, destinations can be easily set by pressing the icons such as [Phone Number] and [Address Book] at the bottom of the Destination menu.



Name	Description
1	Select the desired destination from the searched items.
2	Edit the destination.
3	Register a new destination.
4	Delete the desired item.

Phone Number

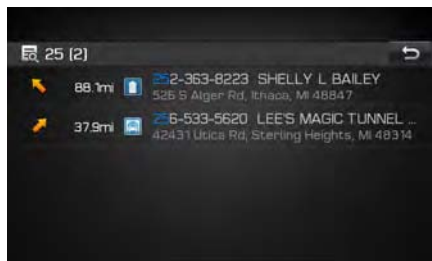
Press the [Back] key. ▶ Flick the screen in up direction to scroll to the bottom row of icons in the [Destination] tab. ▶ Select the [Phone Number] to search POI by phone number.



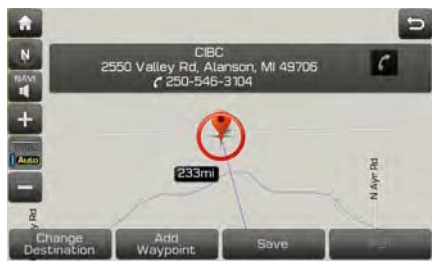
Search destination by phone number.



Type phone number to search. To search for a list of numbers based on a partial phone number entry, enter a few numbers and select  to narrow the search results.



Select the desired destination among the searched items.



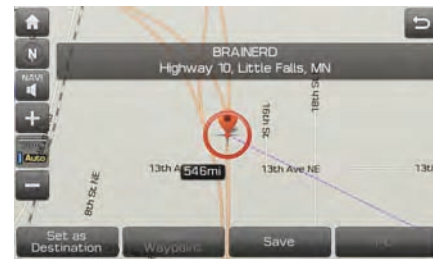
Select the  button to start guidance.

Freeway Exit / Entrance

Press the  key. ► Select the  to search by freeway exit/entrance.



Type freeway name and exit/entrance.



Select the  button to start guidance.

Intersection

Press the  key. ► Select the  to search by intersection.



Type 1st Street name, the State, 2nd Street name.



Select the  button to start guidance.

Coordinates

Press the  key. ► Select the  to search by coordinates.



There are two ways to search by coordinates (D.M.S or Decimal degrees). After typing coordinates, select the  button to search.



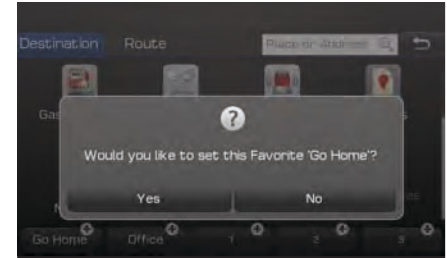
Select the  button to start guidance.

Favorite places

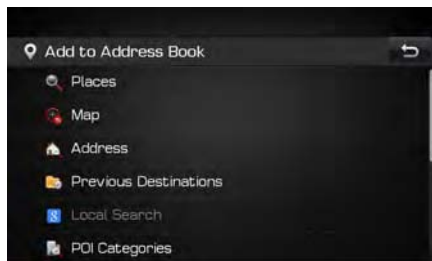
Set the route using your favorite places.
Press the  key. ► Select the  tab. ► Select from favorite places



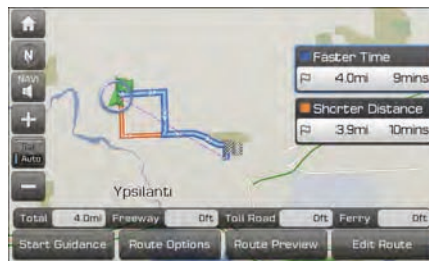
On the button where locations are not registered, the  icon is displayed. When a location is registered, the  button disappears and the buttons 1 to 3 are displayed as your favorite places.



Select the  button then select the  button to set the Favorite 'Go Home'.



Register [REDACTED] in various searching methods. Office, Special 1, Special 2, and Special 3 can also be set as a Favorite using the same steps.



Pressing any of the Favorite Place buttons will start the route guidance to the saved Favorite address.

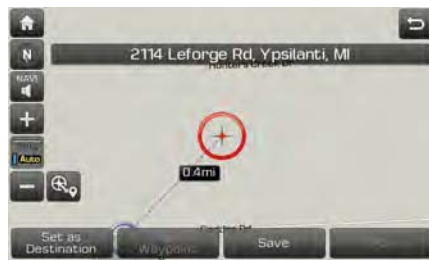
Route Setting

The route can be set after searching for a destination.



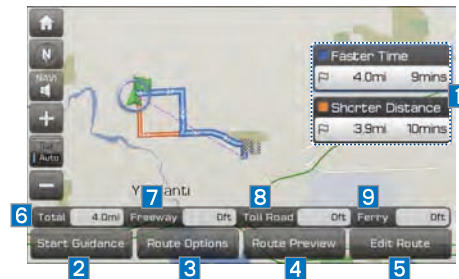
While the destination is set, the buttons  and  appear. Select the desired button to change a destination or add a waypoint.

Destination Setting(Change)



After searching the destination, select the  button to set the location as a destination.

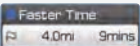
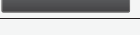
All Routes



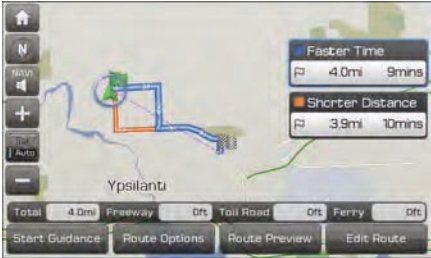
When the alternative routes option is enabled in navigation setting, two routing options are displayed based on faster time and shorter distance.

Faster Time: Select time-optimized route, being the fastest roads.

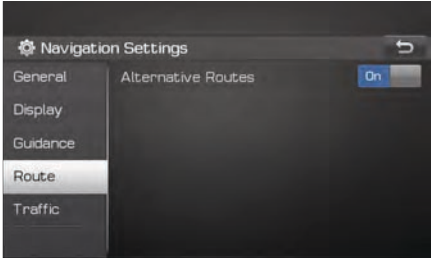
Shorter Distance: Select short distance, irrespective of how fast or slow progress will be calculated.

Name	Description
1 	Display total distance, travel time. Select the desired route.
2 	Start the guidance with the route.
3 	Change the route option.
4 	Preview turn-by-turn list.
5 	Edit the route.
6 Total	Display total distance of the route
7 Freeway	Display length of freeway on the route
8 Toll Road	Display length of toll road on the route
9 Ferry	Display length of Ferry route on the route

The route will be calculated using the option “Faster Time” by default.



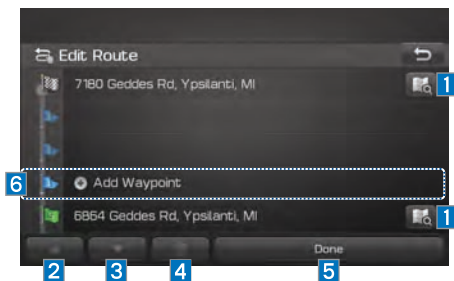
Alternative routes can be suggested if necessary,  key.  icon
 ▶ Route ▶ Alternative: On



Adding Waypoint

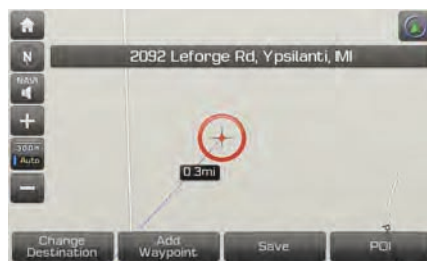


Select the  button to set the position as a waypoint and search the route.

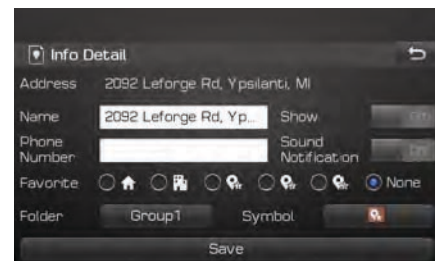


Name	Description
1	Display the selected point on the map screen.
2	Move the selected item up.
3	Move the selected item down.
4	Delete the selected item.
5	Select the button to finish editing.
6	Select the button to add waypoint.

Registering Location



Select  button at the desired location to register the location.

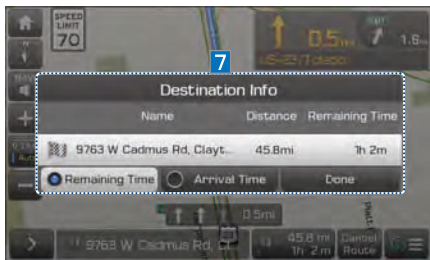
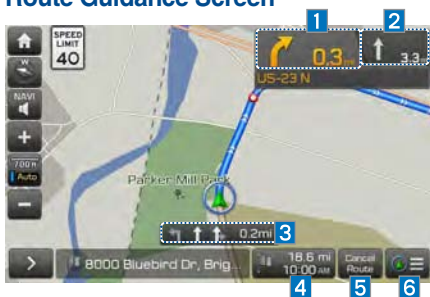


Enter the detailed information of the location to save.

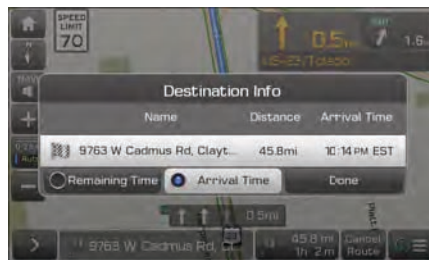
Route Guidance

Show route guidance detailed information.

Route Guidance Screen



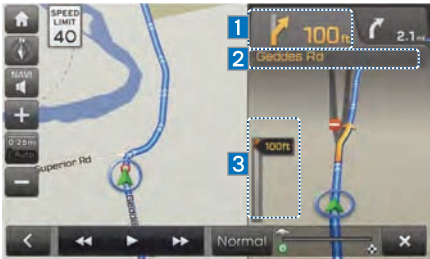
Display the time remaining by destination.



Display the estimated time of arrival.

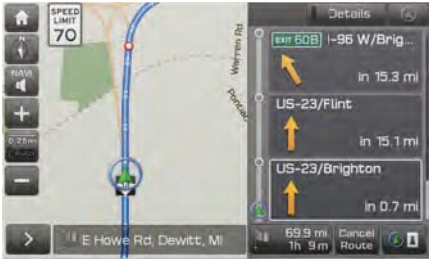
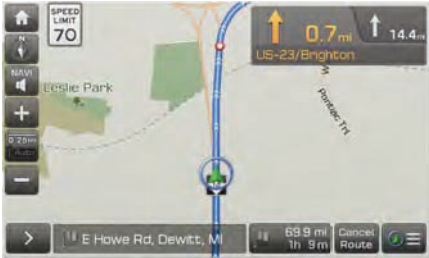
Name	Description
1	Displays the distance and direction to the first turn point.
2	Displays the distance and direction to the second turn point.
3	Displays the lane information at the current location. Display the recommended direction in white, travelable direction in white, and the non-travelable direction in grey.
4	Displays the distance to the destination and the estimated time of arrival. Press the button to check the detailed information.
5	Cancel the route.
6	Change to preliminary guidance, TBT guidance, and zoom-on guidance screens.
7	Displays the destination information.

Split Screen during Route Guidance



Approaching the turning point, the detailed road and travel information is automatically displayed on the right side of the screen.

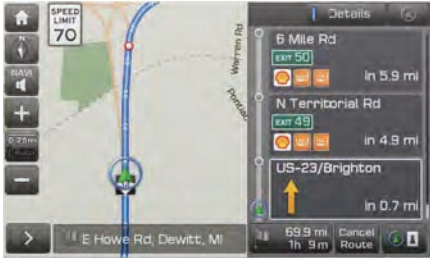
Name	Description
1	Turn Point: Display direction and shape to turn shortly Distance to turn : Display distance to next turn point
2	Road name to maneuver
3	Detail Distance Bar: Display distance to next turn point.



Touch the button to change display view mode as below.

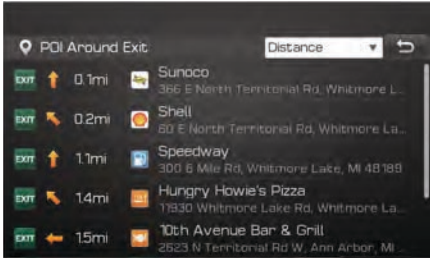
Name	Description
	Display the full map screen.
	Junction View, Split screen. (Active only when images are available)
	Display Turn-by-turn information

additional info can be displayed on Freeway



Additional info of Freeway exit or Rest area can be displayed by selecting the button.

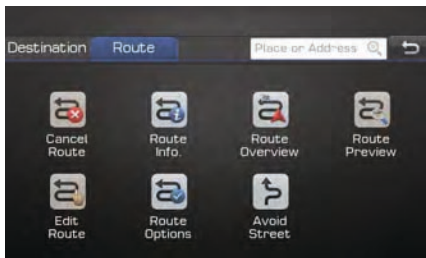
Detailed information for POIs around freeway exit is listed by pressing POI symbols.



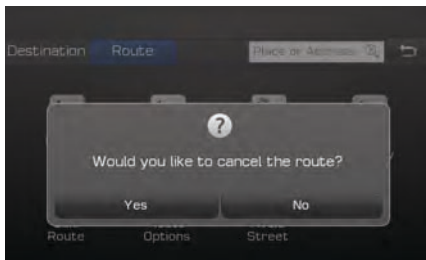
Canceling Route

Cancel the route.

Press the  key. ► Select the  tab. ► Select the  icon.



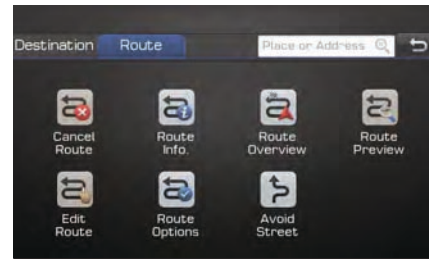
Select the  icon.



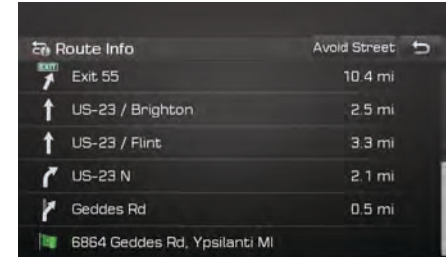
Select the  button to cancel the route.

Display Route Information

Press the  key. ► Select the  tab. ► Select the  icon.



Select the  icon.



Check the information on the map. Select the desired item to see the map information.

Avoiding road

Click the  button to avoid the street or road.



Check the desired item and select the  button to finish.

Route Overview

Check the information on route including the distance, estimated time, toll fees, etc.

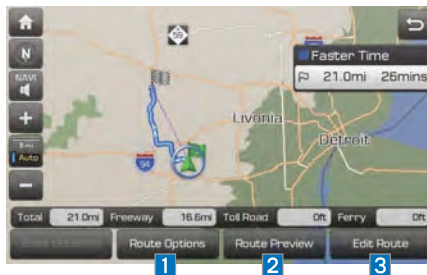
Press the  key. ▶ Select the

 tab. ▶ Select the 

icon.



Select the  icon.



Name	Description
1 	Change the search option.
2 	Preview turn-by-turn list.
3 	Provide information on surrounding facilities.

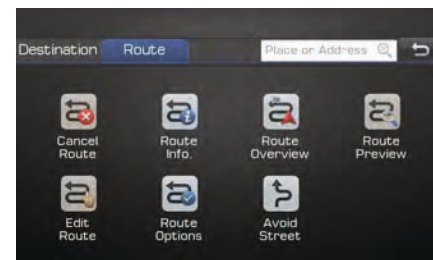
Route Preview

Check the detailed turn-by-turn list.

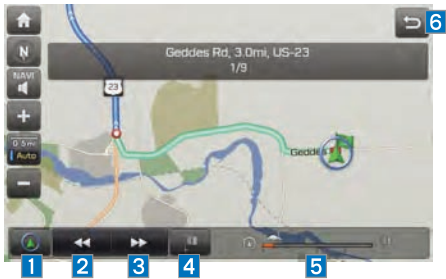
Press the  key. ▶ Select the

 tab. ▶ Select the 

icon.



Select the  icon.

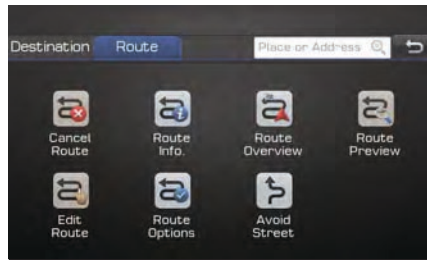


Name	Description
1	Move to the departure location.
2	Move to the previous maneuver.
3	Move to the next maneuver.
4	Move to the destination location.
5	Touch bar to move to the specific position
6	Close the route preview.

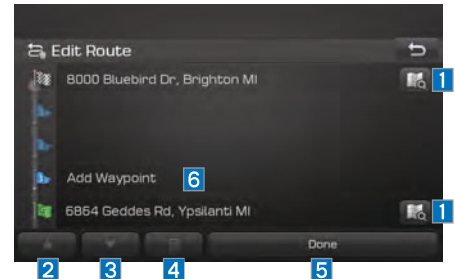
Editing Route

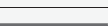
Edit the current route.

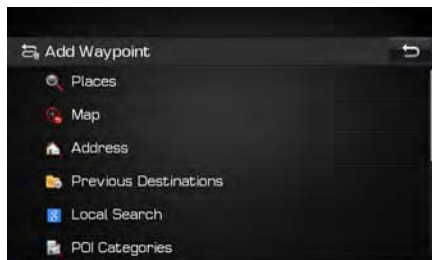
Press the  key. ► Select the  tab. ► Select the  icon.



Select the  icon.



Name	Description
1 	Display the selected point on the map screen.
2 	Move the selected item up.
3 	Move the selected item down.
4 	Delete the selected item.
5 	Press the button to finish editing.
6 	Press the button to add a waypoint.



Add a waypoint through various searching methods.

Route Options

Press the  key. ► Select the  tab. ► Select the  icon.



Select the  icon.



Determine the route options to guide the route.

Avoid Street

Search new route by avoiding the selected street(s).

Press the  key. ► Select the  tab. ► Select the  icon.



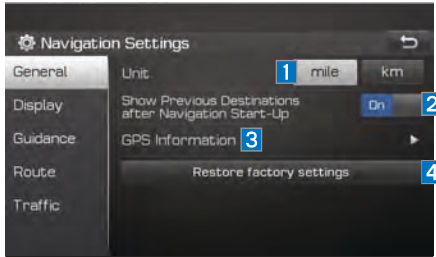
Select the  icon.



Select the  button to plan new route after selecting the street(s) that you want to avoid.

General

Change general settings.



Name	Description
1	Change the unit of , .
2	Select the , button to change the previous destination view setting when starting the navigation.
3	Check the GPS information.
4	Select the button to initialize.

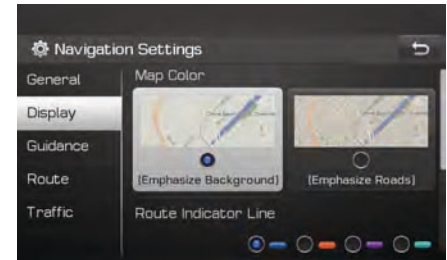


Select the to display the detail GPS satellites information

Name	Description
1	Active when current position is being calculated
2 Speed	Display current speed of the vehicle
3 Location	Display current position of the vehicle
4 Elevation	Display current elevation of the vehicle
5 Time	Display time
6 Date	Display date

Display

Change the display map settings.



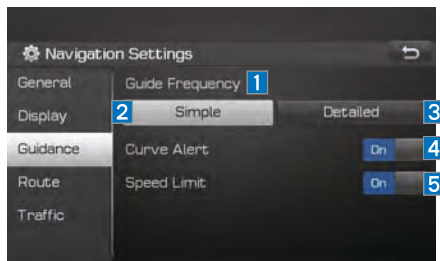
Change the map colors and the route guidance line colors.



Change the vehicle symbol.

Guidance

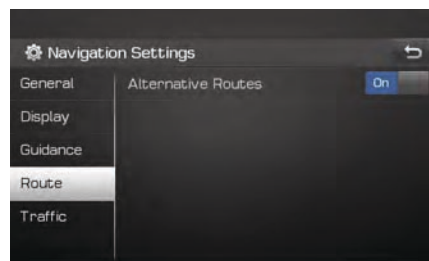
Change the guidance setting.



Name	Description
1	Set the frequency of guidance
2	Route guidance is given less frequently.
3	Guidance will be provided frequently
4	Change whether to turn Curve Alert ☐ and ☐
5	Change whether to show speed limit by pressing ☐ and ☐

Route

Change the route setting.



Select the ☐ or ☐ button to change the ☐ setting.

Alternative on: Alternative routes will be suggested (depending on the route preference between “Faster time” and “Shorter Distance”).

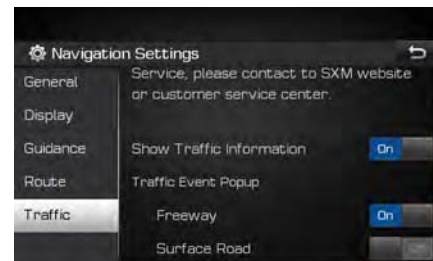
NOTICE

- Alternative routes can be shown only while the vehicle is not moving.

Alternative off: No alternative routes will be suggested. Guidance will start right after calculating with the route preference (Faster time or Shorter distance)

Traffic

Change the traffic information setting.



Select the ☐ or ☐ button to change the settings.

Show Traffic Information On/Off: Select whether to display traffic information or not

Traffic Event Pop-up Freeway On/Off: Select whether to display Pop-up message for traffic information on freeway
Traffic Event Pop-up Surface Road On/Off: Select whether to display Pop-up message for traffic information on surface road.

Troubleshooting

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 driving on spiral-shaped roads • 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.)

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.)

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- 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.

part.6 Voice Recognition

- What is voice recognition
- Precautions required for Successful voice recognition
 - Starting Ending and Setting voice recognition
 - voice recognition Screen Overview
 - voice commands
 - Siri Eyes Free

Voice Recognition

What is Voice Recognition?

The voice recognition feature operates the multimedia system by recognizing voice commands and enables hands-free operation of the system while you are driving your car.

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 in some 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.

Precautions Required for Successful Voice Recognition

1. Voice recognition supports only the commands that are displayed on the screen and written in the user's guide.
 2. To ensure the correct recognition and execution of your command, say your command when you hear the beep after a voice prompt.
 - Voice recognition automatically ends if
 - 1) ' call is incoming or outgoing
 - 2) ' media device (USB or iPod, etc.) is connected or disconnected
 -) The rear view camera is operated
 -) The car engine starts or stops
 - ' system key, such as **RADIO** key or **MEDIA** key is selected
 - 6) ' n emergency occurs, for example re-searching for the route after the navigation route has been lost
- The microphone used for the voice recognition system is located in the headliner directly above the driver's head. To make your commands better understood, keep your body straight in the driver's seat when speaking the command.
 - Speaking naturally and clearly will ensure better recognition of your voice commands.
6. In the following cases voice recognition will be affected by ambient noise.
- 1) The sound of the wind if any window or the sun roof is open.
 - 2) High speed blower from the air vents. Set climate control to blow lower than level .
 -) Vibrations from passing through a tunnel.
-) Vibrations from driving on an uneven road.
 - Storms and heavy rain.

Starting/Ending and Setting Voice Recognition

Starting Voice Recognition

Press the  key briefly (less than 1 second) on the steering wheel control to activate voice recognition.



Ending Voice Recognition

1. Select "Exit" to the left of the bottom to end voice recognition.
2. Press and hold (more than 1 second) the  key on the steering wheel control to end voice recognition.



Using On-Screen Commands

After pressing the  key, say a command after the beep. The voice recognition system will execute the desired operation after understanding the command. Alternatively, you may touch any of the corresponding Frequently Used commands on the screen while the voice recognition system is in operation.

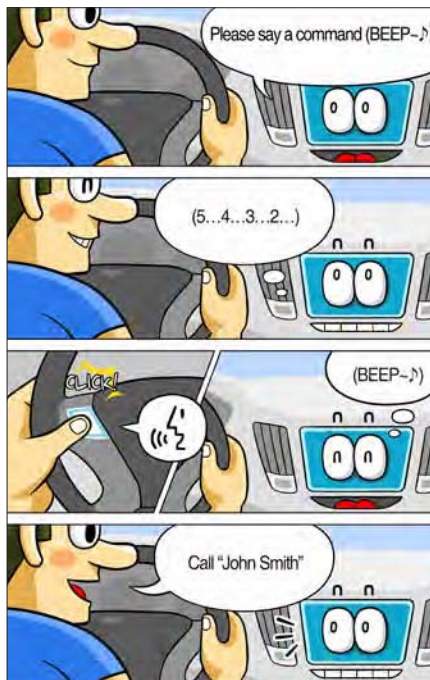
Combining voice recognition with available on-screen commands is useful when the system is taking longer than expected or the voice command did not execute as desired.



ten in t e istenin ime

When the system is waiting for your command, after the voice prompt and beep have been heard, if you press the voice recognition icon (less than .TMseconds), then the beep will sound again and standby mode will restart.

When activated, voice recognition waits for your command for – seconds. If you say nothing for – seconds, a voice prompt will ask for your command again.



Skipping the message

When you hear the prompt, Please say a command, from the system, press the voice recognition icon on the steering wheel remote control to skip the message and go directly to listening mode to say your command.

This results in faster operation when you feel the message is too long or you already know the command to use.

Information

- Refer to Part 1 for instructions on how to change the voice recognition Settings.
-



Adjusting the volume

Using voice recognition, rotate the volume knob to adjust the message volume.



Voice Recognition Screen Overview

Start Screen



Name	escription
1 Most frequently used commands	isplays the six most frequently used commands.
2 Not available command	isplays commands that are not available due to a failure in meeting the conditions for using them and thus need additional settings. The conditions required for using them will be described briefly under each command.

Name	escription
3 voice recognition status icons	Standby voice guidance voice command process
4 users speaking volume being recognized	isplays the voice command volume in real time.
5 recognized results	isplays the voice recognition result.
6 help	isplays all available help commands in a tree format.
7 Exit	Ends the voice recognition.



Name	escription
1 command list	- Shows the available commands. - Select or say a command to display additional commands in detail.
2 how to use for selected item	This section shows how to use voice recognition for the selected item.
3 how to use in general	This section displays how to use voice recognition in general.

Instructions for voice recognition



Name	Description
1 Detail instruction	This section describes how to use voice recognition in detail.
2 Close button	Closes the screen and restarts voice recognition.

i Information

- In the instructions screen, no voice is recognized, so you must manually issue commands. Because the instructions screen displays a lot of content, you can not view it while driving for safety precautions.

Voice Commands

Types of Commands

Voice recognition commands are classified as global commands and local commands.

- 1. Global commands (●) – commands that can be used immediately after activating voice recognition.
- 2. Local commands (○) – commands that can be used when a multimedia, navigation, or Bluetooth call is running, or displayed on the screen, after activating voice recognition.

Global Commands

- Check the following before using call commands
- 1. Voice commands related to phone calls can be used after connecting a Bluetooth device.
 - 2. To call a person, for example “Call John Smith” whose name is listed in contacts, you must first download the contacts list. For details on downloading contacts, see “Part 2. Using Bluetooth Chapter 2. Bluetooth Phone 2.1 Contacts”.
 - 3. After downloading the Bluetooth contacts, it will take some time to convert the contacts into voice data during which time you cannot make a call by name yet. The time it takes to convert voice data may vary depending on the number of contacts downloaded on the phone.

Command		Operation
●	Call	Displays downloaded contacts, after this you can make a call by saying the name.
●	Call Name	You can directly call a person by Name in the downloaded contacts.
●	Call Name on Mobile	You can call a person name directly to the number that is saved as “Mobile” in the downloaded contacts. e.g.) Call “John Smith” on Mobile
●	Call Name in Office	You can call a person name directly to the number that is saved as “Office” in the downloaded contacts. e.g.) Call “John Smith” in Office
●	Call Name at Home	You can call a person name directly to the number that is saved as “Home” in the downloaded contacts. e.g.) Call “John Smith” at Home
●	Call Name on Other	You can call a person name directly to the number that is saved as “Other” than “Mobile, Home, or Office” in the downloaded contacts. e.g.) Call “John Smith” on Other
●	Dial Number	Displays a screen where you can say a phone number to dial.
●	Dial Phone	You can directly say the number to call. e.g.) Dial 111 — 12 •
●	Redial	Directly calls at the number that you last dialed.
●	Call History	Displays your call history, where you can say the list number to make a call.

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 look it up.

Find ' address 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	• Finds the address in State and sets it as the destination. e.g.) Find ' address in California • To find an address, you should say House Number → Street → City (in order, excluding the state). e.g.) (Three ero ero) Main Street, 'mond
●	Find ' address	Finds the address and sets it as the destination.
●	Find the Nearest POI	Find the nearest points of interest from your current location. 'fter this command, you can find the name of a location step-by-step.
●	Find the Nearest category	Immediately finds category nearest to your location. For details of category, see “Find the Nearest category list”. e.g.) Find the Nearest “Parking”

Command		Operation
●	POIs Near destination	Finds POIs near the destination. 'fter this command, you can find the name of a location step-by-step.
●	category Near destination	Find category near the destination. For details of category, see “Find the Nearest category list”. e.g.) “Banks” Near destination
●	Map	Moves to the current position on the navigation map
●	Previous Points	Displays a list combining Previous destinations, Previous Searches, and Previous Starting Points all together. You can then set a destination by saying the list number.
●	Previous destinations	Displays a list of recent destinations that you can return to by saying the number in the list.
●	Previous Searches	Displays a list of recent searches, where you can set a destination by saying the number in the list.
●	Previous Starting Points	Displays a list of recent starting points that you can return to by saying the number in the list.
●	Traffic Information	Moves to the Traffic Information menu screen.
●	Home	Set the destination to your home. Our home must first be set in the Navigation system.
●	Go to Office	Set the destination to your office work. Our office work must first be set in the Navigation system.

ommand		Operation
●	Turn guidance On	Turns on the voice guidance system.
●	Turn guidance Off	Turns off the voice guidance system.
●	Zoom 'll the Way Out	Zooms out from the navigation map to the fullest.
●	Zoom 'll the Way In	Zooms in on the navigation map to the fullest.
●	Cancel route	Cancel 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 then 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.
●	Emergency Services	Displays a list of nearest Police Station, hospital, dealership, or road assistance. You can then set a destination by saying the list number.
●	Police Station	Displays a list of the nearest police stations. You can then set a destination by saying the list number.

ommand		Operation
●	hospital	Displays a list of the nearest hospitals. You can then set a destination by saying the list number.
●	dealership	Displays a list of the nearest car dealerships. You can then set a destination by saying the list number.
●	road assistance	Displays a list of the nearest road assistance locations. You can then set a destination by saying the list number.
●	Show route	Displays a map overview of the entire route to your destination.

audio commands

	command	Operation
●	radio	Plays the most recent radio channels from FM, 'M, and Sirius M®.
●	FM	Plays FM radio.
●	FM ™.— 1 .	Tunes to FM Frequency according to what you say. e.g.) FM ™.— FM eighty seven point five
●	Sirius M	Plays Sirius M® radio.
●	Sirius M channel	Tunes to Sirius M® channel channel Number according to what you say. e.g.) Sirius M channel 2 Sirius M channel twenty three
●	'M	Plays 'M radio.
●	'M — 1 1	Tunes to 'M Frequency according to what you say. e.g.) 'M — 'M five thirty
○	Preset 1 1™	Tunes to your preset stations (1 to 1™).
○	channel	In Sirius M® radio mode, turns on the channel Number that you say.

Media Commands

Check the following before you use media commands.

1. If no media is connected or if no playable files exist at the time when you use these commands, a voice message will tell you that this is not available.
2. If you say the name of the media that is currently playing again, then that media will continue playing.
e.g.) Saying “SB” while SB content is playing.

	Command	Operation
●	Music	continues the last media you played.
●		Plays the content of the currently inserted.
●	iPod	Plays the iPod currently connected. This will work the same when an iPhone is connected. If a SB is connected, then it will be played instead of the iPod.
●	SB	Plays the music on the SB currently connected. If an iPod is connected, then the iPod will be played instead of the SB.
●	Bluetooth Audio	Plays the music on the Bluetooth phone currently connected. This may not be supported depending on the Bluetooth connection status.
●	,	Plays external devices that are currently connected.
●	My Music	Plays My Music files stored in the system.
●	Pandora Radio	Plays Pandora Radio that is currently connected.

1. 'udio ommand

ommand		Operation
○	Play	Plays a paused track. Maintains the current settings during playback.
○	Pause	Pauses a track that is currently playing. Maintains current settings while paused during playback.
○	Track 1	Plays a desired track number.
○	Shuffle	Plays tracks or files randomly. Maintains current settings during shuffled playback.
○	Shuffle Off	ancels Shuffle and plays tracks sequentially. Maintains current settings during sequential playback.
○	repeat	Plays the current track repeatedly. Maintains the current settings during repeat playback.
○	repeat Off	ancels repeat and plays multiple tracks or files. Maintains current settings during multiple track playback.

2. MP SB Music iPod My Music ommand

ommand		Operation
○	Play	Plays a selected file. Maintains the current settings during playback.
○	Pause	Pauses a file that is playing. Maintains current settings while paused during playback.
○	Shuffle	Plays tracks or files randomly. Maintains current settings during shuffled playback.
○	Shuffle Off	ancels Shuffle and plays tracks sequentially. Maintains current settings during sequential playback.
○	repeat	Plays the current track or file repeatedly. Maintains the current settings during repeat playback.
○	repeat Off	ancels repeat and plays multiple tracks or files. Maintains current settings during multiple track playback.

. Pandora radio command

Command		Operation
☐	Skip	Moves to the next track.
☐	Thumbs up	If you like the genre of the music currently playing, say "Thumbs up" so that more similar music will play.
☐	Thumbs down	If you don't like the music currently playing, say "Thumbs down" to minimize the number of playbacks of similar genre music.

• . Bluetooth audio ' command

For Bluetooth audio and external devices ('), local commands are unavailable, including Play, Pause, Repeat and Shuffle.

Intercomman sist omman s use in ist He

Command		Operation
☒	Help	Moves to the voice recognition help screen. If available commands can then be identified and used.
☐	Line 1 – (One Five)	When you cannot select a certain name, such as in all history, you can select it using numbers. Simple numbers can be recognized, such as "One" or "Two".
☐	Yes No	When voice recognition is activated, this command is used when an answer is requested for a confirmation question.
☐	Previous Page Next 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 initial or POI Name search results are displayed, this command is used to search manually, rather than to search with a voice command. Voice recognition stops after this command is used.
☐	Go Back	Moves to the previous screen.
☒	Exit	Ends the voice recognition.

in the nearest state or district

Navigation location names can be changed after an update.

1. restaurants

restaurants	McDonald's	Frisch's Big Boy	omino's
Fast Food restaurants	Panda Express	ood Eats	Olive Garden
'rby's	Panera Bread	Ill Forks	Papa John's
Boston Market	Popeyes	eeoy Selmon's	Papa Murphy's
B. E. IN	ui nos Sub	one Star Steakhouse Saloon	Pi a
arls r	Schlotzky's	onghorn Steakhouse	Pi a ut
hick-fil'	SONI	uckys afe	pi a pi a
hipotle	S. BW' ©	Outback Steakhouse	ontinental restaurants
hurch's hicken	Taco Bell	Ponderosa	Mexican restaurants
airy ueen	Taco John's	Publix	antina aredo
Firehouse Subs	Waffle House	Seasons -2	hevys
Fleming's	Wendy's	Sheet	El Hico
ardee's	White Castle	Silver Fox	apanese restaurants
In-N-Out Burger	'merican restaurants	Texas Roadhouse	hinese restaurants
I. O.P.	'pplebee's	T. I. Fridays	PF Chang's China Bistro
ack in the Box	Bahama Breeze	The Capital Grille	orean restaurants
immy John's	Boston's restaurant Sports Bar	French restaurants	vegetarian restaurants
F	heeseburger in Paradise	Italian restaurants	Seafood restaurants
ittle Caesars	hili's Grill Bar	Bonefish Grill	ed lobster
ong John Silver's	ool iver	arrabba's Italian Grill	atin 'merican restaurants
McLister's Deli	enny's	huck E. Heese's	

2. 'utomotive

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. Travel

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- . Shopping

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Bus Stations
ocal Transit
Train Stations

Shopping
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6. Financial Services

Financial Services
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SunTrust
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T anada Trust
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Money Transfer

Community

Community
Police Stations
Post Offices
Libraries
Schools
Fire Departments
Churches
Synagogues
Convention Centers
City Halls
Civic Centers
Courthouses
Government Offices
Waste Sanitary Services
Utilities
Business Facilities

Services

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

How to start Siri

If you want to use Siri, you have to connect your iOS device to the Multimedia system through Bluetooth.

(Please check whether your iOS device supports Siri and turning Siri On.)

Then you can use Siri while pressing and holding  key on the steering wheel.

How to use Siri

When you access the Siri screen while pressing and holding  key on the steering wheel, you can select  button and then you can speak what you want. Note that the Multimedia system only supports “Phone” related functions. Other functions will be performed in your iOS device. If you press voice key quickly, Siri would re-start. If you hold down voice key, Siri would be terminated and the screen would go back to the previous screen. Eyes-Free mode would be activated automatically while you are driving. When shifting gears into P or putting the Parking brake on, Eyes-Free mode would be deactivated automatically.



Information

- Functions and feedbacks from voice commands via Siri are executed in the iOS device. If the iOS version is changed, the functions and response may be different according to the iOS device and the latest version.
-

MEMO

07

part.7 Info

Pandora Radio
SoundHound
Download Center
SiriusXM™ Data
Android Auto

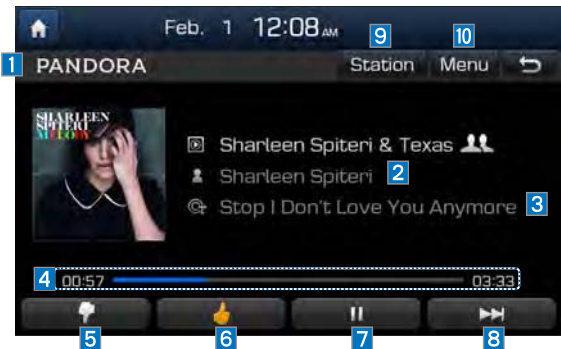
Info

Pandora Radio

To listen to Pandora Radio by connecting a smartphone, app should be installed on your phone.

From the Home screen, select All Menus then select Pandora button.

Pandora Radio Mode Screen Controls



Name	Description
1 Mode	Displays the current operating mode.
2 Station Info	Shows the station name current playing.

Name	Description
3 Track Info	Shows the artist/title information current playing.
4 Play Time	Displays the current play time.
5 Thumb Down	If you don't like the music currently playing, press this button to move to the next song and to minimize the number of playbacks of similar genre music. i You can move to next song up to specific times which pandora allows
6 Thumb Up	If you like the genre of the music currently, press this button to send a "Thumbs Up" signal to Pandora so that more similar music will play.
7 Play/Pause	Plays/pauses the current song
8 SKIP	Moves to the next track i You can move to next song up to specific times which pandora allows
9 Station	Moves to the station list screen.
10 Menu	• Bookmark Track Adds the music current playing to the bookmarks list. • Bookmark Artist Adds the artist of the music current playing to the bookmarks list. i You can view your bookmarked artists and songs 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, bookmarked artists, and bookmarked songs.



Name	Description
11 SEEK/TRACK	Press briefly to play the next song.
12 TUNE	Rotate the  knob to search for a station. Press the  knob to play the station when you find the name that you want.



Name	Description
1 Current Station	Shows the name of the station current displayed.
2 Previous	Switches to the play mode screen.
3 Shuffle	Shuffling your stations provides a more diverse mix of music by randomly playing songs from the stations in your list.
4 Search Menu	Sorts stations by the items in the menu. • A-Z: Sorts stations in alphabetical order. • By Date: Sorts stations in the order they were generated.
5 SEEK/TRACK	Press briefly to play the next song.
6 TUNE	Rotate the  knob to move to the previous/next list. Press the  knob to play a selected file.

SoundHound

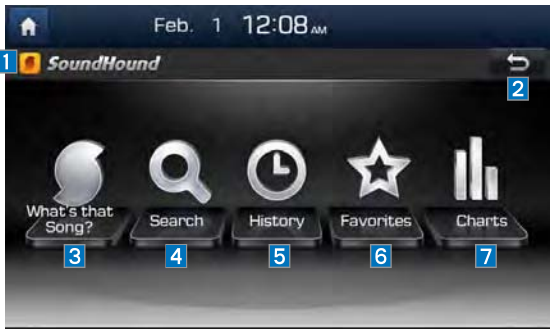
SoundHound is a music search engine. It enables users to identify music by playing or singing a song. It is also possible to search by typing the name of the artist, song, album or lyrics. The head unit should be connected to the Internet in order to use SoundHound (ex. Wi-Fi).

Accessing SoundHound

- 1. From the Home screen, select All Menus then select SoundHound button.
- 2. Select SoundHound button on Radio modes (AM, FM and SiriusXM) or Media modes (CD, Bluetooth Audio, iPod, USB, My Music and AUX).



SoundHound Screen Controls



Name	Description
1 Mode	Displays the current operating mode.
2 Back button	Goes back to previous mode.
3 What's that Song	Starts the song recognition process. After this process is complete, it goes to Song screen.
4 Search	Goes to Search screen.
5 History	Goes to History screen.
6 Favorites	Goes to Favorites screen.
7 Charts	Goes to Charts screen.

Recognizing Music

After selecting SoundHound  button, the song recognition process is activated, the system will match the currently playing song with the SoundHound music database.

Music from Smartphones and MP3 players that are not connected to the head unit can also be recognized.



Name	Description
1 Now Listening	Message displayed while SoundHound is processing the music.
2 Retry	Starts over the song recognition process.
3 Cancel	Cancels song recognition process and Exits SoundHound.
4 Back button	Goes back to previous screen.

Searching Music

Music can also be searched by selecting the Search option in SoundHound main screen and typing a song, artist, album or lyrics into the search field.



Name	Description
1 Search	Displays the current operating mode.
2 Back button	Goes back to SoundHound main screen.
3 Menu	Displays menu options: Home: ' Goes back to SoundHound main screen. History: ' Goes to History screen. Favorites: ' Goes to Favorites screen. Exit: Exits SoundHound application and goes back to previous media mode.  Delete option is available in Favorites and History screens.
4 Search field	Displays search field. Once text is typed, recommended song, artist, album or lyrics information that might match the search criteria is displayed in the scroll menu.
5 Search icon	Starts the searching process.

Song Main Screen



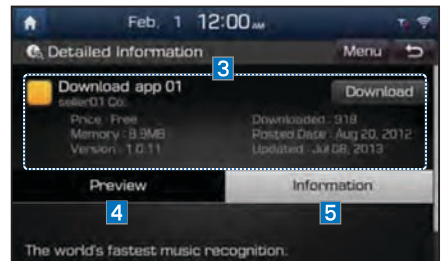
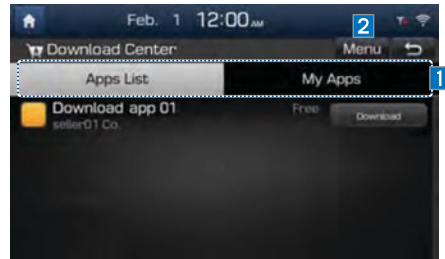
Name	Description
1 Back button	Does back to previous screen.
2 Song, Artist and Album information	Displays song, artist and album information of currently playing song.
3 Album Image	If album image is selected, it displays songs list in the album.
4 Artist Image	If artist image is selected, it displays the artist's songs list.
5 Favorite	It saves current playing song into Favorites by tapping on the star icon. Star icon will be highlighted when song has been saved into Favorites. To delete song from Favorites, select the star icon again or go to Favorites menu screen.
6 Lyrics	Displays current playing song's lyrics.
7 Recommended Songs	Displays a list of recommended songs by SoundHound.
8 Similar Artists	Displays list of similar artists to currently playing artist.
9 Song's Album Appearances	Displays list of albums on which currently playing song appears.

With Download Center, you can install paid/free applications or check for related information. Only BlueLink center, verified applications can be installed.

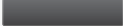
You can use Download Center after agreeing to the terms of service and use on the screen (Only 1 time for initial launch).

Apps List

Select All Menus or My Menu from Home screen ►  and then select 

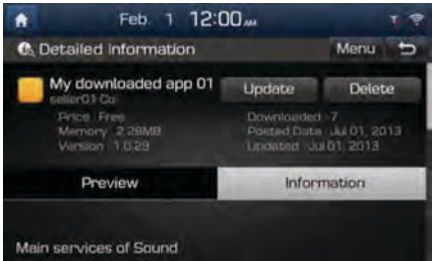
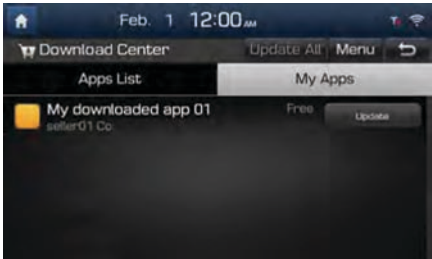


Name	Description
 Application Download and Run buttons	Button state changes according to the application state.
	Downloads free applications.
	Downloads paid applications.
	Downloads deleted applications after previously installing them.
	Downloads the applications that failed to download due to network or system errors.
	Runs installed applications.
	Cancels any downloads and updates.

Name	Description
2 Menu	Updates and refreshes the menu.
	After installation, it shows applications requiring updates. The update screen shows the  button to update all applications that need updates.
	Refreshes the app list status.
3 Detailed Information	When the application list area is pressed, it moves to the Detailed Information screen.
4 	Displays application images.
5 	Displays application information.

My Apps

Select All Menus or My Menu from Home screen ►  ► followed by  and then .



The  menu displays the , ,  options for downloaded applications. All functions of  are the same as those in the app list.

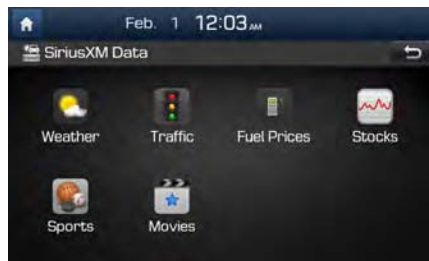
- i Information**
- You can update applications already running only after closing them.
 - Details on downloaded apps can be checked within the Download Center.
 - Apps available for download may vary depending on the environment.

The SiriusXM™ Data Service is a paid membership Satellite radio service which provides users with traffic, stock, sports, and weather information.

However, weather information is not supported for vehicles purchased in Canada.

Accessing SiriusXM™ Data

From the Home screen, select All Menus, My Menu then select SiriusXM™ Data button.



SiriusXM™ Weather Announcement

At the “SiriusXM Data” screen, select the  icon to enter the Weather Announcement mode.

Weather Forecast

This service provides current weather information and weather forecasts for the next five days in your region. To change the region, select the  button and select the desired region.



Warnings and Advisories

This service provides weather warnings and advisories, such as tornado, storm, flood, etc. as symbols on the Navigation map.

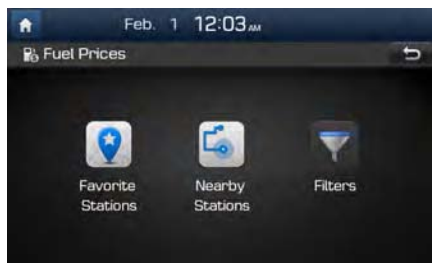


SiriusXM™ Traffic Information

At the “SiriusXM Data” screen, select the  icon to enter the Traffic Announcement mode.

SiriusXM™ Fuel Price Information

At the “SiriusXM Data” screen, select the  icon to enter the Fuel Prices Information mode.



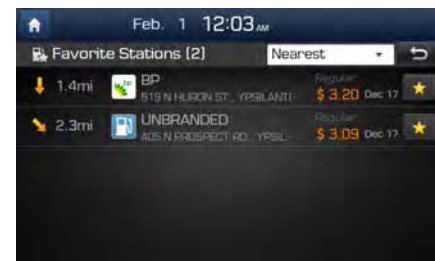
Search for Nearby Stations, and Register Key Locations as Favorite Stations.

Search for nearby stations with the “Nearby Stations” menu.

It shows station locations, starting from the nearest one, and select “Nearest” menu on the top right side to further sort them by price or brand name.



Select the  button to the right of the list to register key locations as a Favorite Station so that you can go there again with the “Favorite Stations” menu. Select the list to move to navigation destination select screen to receive guidance.



My Fuel Type Settings

With the “Filters” menu, you can select fuel types and favorite brands.

When searching for Nearby Stations, the results will reflect selected fuel types and brand information.



SiriusXM™ Stock Information

In the “SiriusXM Data” screen, select the  icon to enter the Stocks mode.

Stocks is a feature that shows the current value and change of stocks.

For symbols which you are interested in, select the icon to save the symbol as a part of the “Saved” symbols which can be viewed from the “My Favorites” button on the Stocks Main screen.

My Favorites

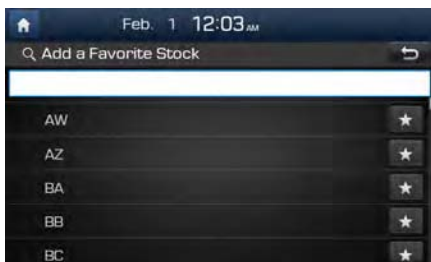
My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Select the  button to move to the stock search screen.



Stock Search

Use the Stock Search menu to search for specific stocks.

Select the  button after searching for your favorite stocks to save them in “My Favorites”.



In the My Favorites screen, you can find the selected stock information that you registered.



SiriusXM™ Sports Information

Select the  icon to enter the Sports mode.

This service provides real-time updated information on scores and schedules for major sports, such as NFL, NBA, NCAA football, NCAA basketball, NHL, MLB, NASCAR and more.

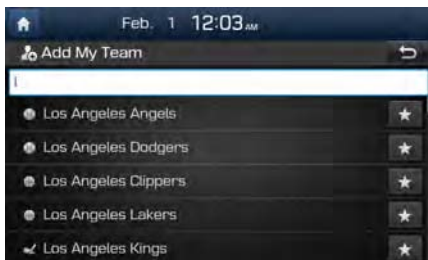
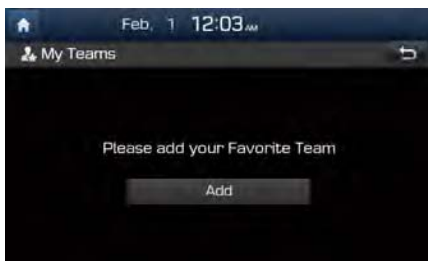


My Teams

You can save teams which you are interested in as part of My teams to easily view related scores and schedules.

Select the My Teams menu and then select the  button to search for and register your favorite teams.

Search for your favorite teams and select the  button on the right to add it to the “My Teams” list.

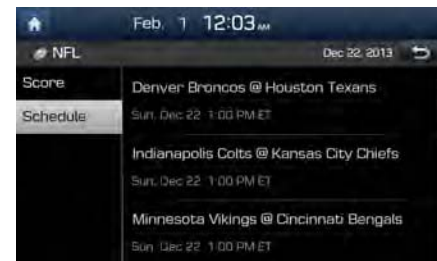


You can always check the list of teams that you added in the “My Teams” menu.

Select the  button on the right side of the team name to delete the team from “My Teams” or select the  button to add other teams.



Select the team name to check daily results and recent schedules for that team.





Feb. 1 12:03 AM

Kingsmill champ

Name	Score	Ranking
Cristie Kerr	-12 (0)	1
Suzann Pettersen	-12 (0)	2
Arja Jutanugarn	-10 (66)	T3
Ilhee Lee	-10 (67)	T3
Angela Stanford	-9 (69)	T5



Feb. 1 12:03 AM

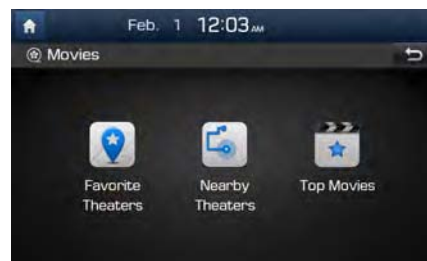
Itaipava Sao Paulo Indy 300

* Sao Paulo Street Circuit
- Sun, May 5 11:40 AM ET
- 75 Laps
- James Hinchcliffe

SiriusXM™ Movie Information

Select the  icon to enter the Movie mode.

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



Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters.

In the “Nearby Theaters” menu, you can search for any nearby theaters.

It shows theaters, starting from the nearest one, and selecting the “Nearest” menu at the top right side will sort them by name.



Select the  button to the right of the list to register your favorite theater so that you can always check it again using the “Favorite Theaters” menu and selecting the  button to view the current movie information for that theater.



Select from the list to move to the select navigation destination screen and receive directions.

In the “Top Movies” menu, you can check for any movies that are currently popular. Select  button to the right of a movie title to view the plot summary and any other detailed information.



Android Auto

What is Android Auto

You can securely access your smartphone while driving by using this feature. Various functions on your smart phone are displayed on the multimedia system so you can easily use them (finding the direction, making a call, listening to music, etc.).

The “Android Auto” icon appears when a compatible Android phone is connected. Available functions and operations may differ depending on the phone model.

To conveniently use various functions of your mobile phone while driving (For more information, visit the ‘ oogle website <http://support.google.com/androidauto>).

Precautions

- Android Auto is a registered trademark of ‘ oogle Inc.
- Android Auto is unavailable if the phone OS is not Android 5.0 or higher or your phone is unable to be recogni ed due to a shutdown caused by a failure or defect in the device itself.
- Your phone may not be recogni ed if its battery is low. Charge your phone then try again.
- If your phone is shut down due to a defect in the device itself, reset your phone and try again.
- If you repeatedly connect and disconnect the USB cable on the device in a short period of time, your phone may malfunction. This can also cause a device failure.
- The device recognition time may differ depending on the device type and firmware/OS version.
- Using the micro-USB cable that came with the phone is recommended. (Using a non-genuine product may cause noise or malfunction.)
- Normal operations are not guaranteed when you arbitrarily manipulate your phone while Android Auto is active.
- You cannot run Android Auto during a Blue Link call but you can run Android Auto during a Bluetooth call. (However, you cannot use audio-related features in Android Auto mode.)
- Android Auto may not operate normally due to mobile phone issues.
- Carrier charges may apply when using Android Auto.

- The following problems may occur due to issues with your phone.
 - Intermittent black screens appear when entering Android Auto.
 - Unable to differentiate between phones that support Android Auto and those that do not.
- ※ If services do not work properly due to problems similar to the specified above, check your phone, and if necessary, reconnect your phone after restarting
- It does not support Car Voice command when Android Auto connected.
- Android auto might not function as same with Car Multimedia system.
- To function “Android voice command”, press and hold the key on the Steering wheel (0.8 secs)
- It might function irrelevantly if controls mobile phone while Android auto. Please do not use mobile phone while Android auto.
- Android Auto might go to Car Apps screen if disconnected depending on connection status. You can re-use if the device re-connected.
- Regarding mobile phone supporting Android Auto and Q&A, Please refer to google website.

Using Android Auto Features

1. Call key in the steering wheel performs phone function while Android Auto screen is displayed.
2. The Android phone OS need to be Android 5.0 or above and have the Android Auto application installed on the phone.
3. On the Home or All Menus, select the  icon.



4. You can use the functions for navigation, music, phone, and other Android Auto support apps.

N T I

- Before connecting your mobile phone, check whether Android Auto is set to ON in the Connectivity Settings menu.
 - After connecting the mobile phone, you must unlock your phone and accept the Disclaimers on your phone in order for Android Auto to launch.
 - With Android Auto connected, press the  key on the steering wheel to run the phone function of Android Auto.
 - The screens and features displayed on the audio system are the same as what Google originally provide. The screens and features are subject to change according to the policy of each individual company.
-

N T I

W NUSIN ANDR ID AUT

- Bluetooth media features are disabled when Android Auto is activated, you can use only phone features among all Bluetooth features. You cannot use Bluetooth Media features such as Bluetooth Audio and Pandora. Disconnect the micro-usb cable to use the Bluetooth media features.
 - Android Auto mode does not support the feature that enables you to search for music files by controlling the  TUNE knob.
 - If Android Auto is not activated even after a successful connection, check the following:
 - Phone Application status (Check if an error has occurred)
 - Check if Android Auto has been closed on your phone.
 - Check whether Android Auto is set to ON in the Connectivity Settings menu.
 - If Android Auto does not work normally even after a reconnection has been made, visit the Google website <http://support.google.com/androidauto>.
-

08

part.8 Other Features

Climate mode

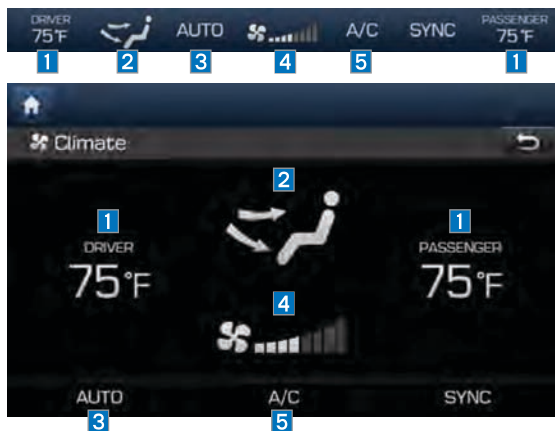
Camera

Operating Climate Mode

Press the  key for the climate system to see status information in the full screen display.

While multimedia or navigation is in use, the climate system information will be displayed over top when you control the temperature (TEMP) or turn on the air conditioner (A/C).

Basic Mode Screen



Name	Description
1 Set the temperature of the driver's seat and passenger seats	Displays the configured temperature settings for the driver's seat and the passenger seats. Cooling or heating will continue until the temperature matches the configured temperature settings. i The internal temperature can be controlled in increments of 1°F within a range of 63°F to 89°F. i LOW is displayed when the temperature is set to anything below 63°F, and HIGH is displayed when it is set to anything above 89°F.
2 Air direction	Displays the configured air direction settings.
3 Cooling/heating control status (AUTO)	Displayed when the  key is pressed and cooling/heating operates automatically according to the configured temperature settings i AUTO will be turned off when you try to do the following with AUTO on: - Control the air volume - Control the air direction - Turn the air conditioning (A/C) on/off - Turn on the moisture removal function for the windshield
4 Air volume	Displays the configured air volume settings
5 Air conditioning control status	Displayed when the  key is pressed and the air conditioning starts cooling/heating.



Name	Description
6 Simultaneous temperature settings for the driver's seat and the passenger seats (SYNC)	Displayed when the XXXX key is pressed and the temperatures of the driver's seat and the passenger seats can be configured at the same time.

Camera



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.

Information

- A separate chipset is used for the camera screen while booting up, so it may be different after booting up.



Caution

- A wide-angle lens is installed as the rear detection camera to get a wider view, so there may be some difference between the actual distance and the distance that appears on-screen. For safety, make sure to view the back, right, and left sides of the car for yourself.



Notes

- The color of the parking guidelines displayed in the picture may differ from the actual screen.
- When booted up, blinking may occur when you switch to a UI screen.

Steering linked Camera

- This device is connected to a rear detection camera to see behind the car for safe reversing.
- The Rear View Camera turns on automatically if you shift the gear to when the power is on or the engine has started.
- While the device boots up, shift the gear to ^{TMTM} to activate the rear detection cameras. Shift the gear to another position to deactivate the rear detection camera.



Name	Description
1 Red Line	About 1m from the rear bumper
2 Yellow Line 1	About 1m from the rear bumper
3 Yellow Line 2	About 3m from the rear bumper
4 Yellow Line 3	Trajectory of the wheel on the driver's side
5 Yellow Line 4	Trajectory of the wheel on the passenger side
6 Blue Line	Neutral steering trajectory

As you reverse your car and monitor the area behind your car, the steering-linked driving trajectory and the neutral driving trajectory are both displayed.

Multi-view Camera System

With the power on, the Multi-view Camera System is connected to the camera to see the front, rear, and back of the car when driving at low speeds (1 km/h or less). It is optional.

- The Multi-view Camera System front detection mode will be activated when driving at low speeds (1 km/h or less). When the car drives over 1 km/h, the Multi-view Camera System screen is disabled.
- When the  key is pressed and the gear is in a position other than P or while the engine is running, the Multi-view Camera System automatically starts when the car accelerates.
- Shift gears to P or and turn off the  key to disable the front detection camera screen.
- The rear detection mode of the Multi-view Camera System is activated with the gear is positioned to .

Front Multi-view Camera System

Select the  key after starting the engine.

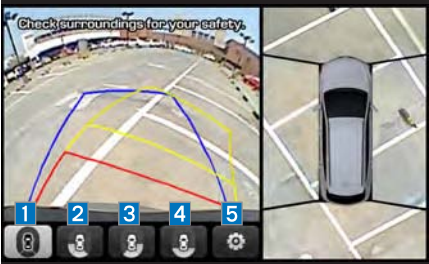
If the gear is in a position other than P or , it automatically switches to the front detection Multi-view Camera System mode when the car accelerates.



Name	Description
1 Multi-view	Displays all of the images around the car.
2 Front left	Displays the front-left image.
3 Front right	Displays the front-right image.
4 Front	Displays the front image.
5 Settings	Displays the Parking Guidance Settings screen.

ear Multi-view Camera System

If the gear is positioned to P, the rear Multi-view Camera System is automatically switched to the operational mode.



Name	Description
1 Multi-view	Displays all of the images around the car.
2 Rear left	Displays the rear-left image.
3 Rear right	Displays the rear-right image.
4 Rear	Displays the rear image.
5 Settings	Displays the Parking Guidance Settings screen.

Parking Guidance Settings



Name	Description
1 Sync Guidelines with Steering	Guidelines are displayed in the rear view Camera screen, as shown below.
2 F/R Proximity Warnings	Provides a warning when an object is in close proximity to the front or rear of the vehicle.
3 Front view Mode	Displaying the front Multi-view Camera System, select the basic display mode of the camera screen. (Multi-view, Front left, Front right, and Front.)
4 Rear view Mode	Displaying the rear Multi-view Camera System, select the basic display mode of the camera screen. (Multi-view, Rear left, Rear right, and Rear.)

part.9 Setup

Setup
Navigation Settings
Sound Settings
Display Settings
Phone Settings
Blue Link Settings
Voice Recognition Settings
Clock Settings
Wi-Fi Settings
Language Settings
Keyboard Settings
Downloaded Apps Settings
Screen Saver Settings
Connectivity Settings
System Info

Setup is the screen to control system settings of the Multimedia System.

To enter the screen, press the  key of the device or the  icon in All Menus.



Features	Description
1 Navigation	Provides Normal/Screen/Guidance/Route/Safety Setting.
2 Sound	Provides the sound control options for Position, Bass, Mid, Treble, Volume and Advanced settings.
3 Display	Provides the Mode/Brightness/Adjust settings.
4 Phone	Provides the Bluetooth Connection/Auto Connection Priority/Ringtone/System Bluetooth Information settings.
5 Blue Link	Provides the Activation/Modem Information settings.
6 Voice Recognition	Provides the Guidance and Priority settings.
7 Clock	Provides the time and date settings.



Features	Description
8 Wi-Fi	Provides the Wi-Fi On and Network Connection settings.
9 Language	Provides the Change Language settings.
10 Keyboard	Provides settings to switch keyboard layouts.
11 Downloaded Apps	Provides the removal settings for downloaded and installed apps.
12 Screen Saver	Provides the Clock/None settings.
13 Connectivity	Provides connectivity settings for Android Auto
14 System Info	Provides software and storage space information.
15 Display Off	Provides the Display Off (touch activation) function.

For more details, refer to part 5. Navigation Settings.

Adjusts the sound effects for the whole system.



Features	Description
1 Position	Select the Up/Down/Left/Right button to control sound positioning. Select  to concentrate the sound on the center of vehicle.
2 Tone	Drag the slide bar to control bass/mid/treble settings. Select  to initialize the settings.

Features	Description
3 Priority	You can adjust the volume ratio between navigation announcements and regular audio.
4 Advanced	Select additional audio options such as “Speed Dependent Volume Control” that automatically controls Audio volume according to vehicle speed as well as “Variable EQ”, “Surround”, and “Quantum Logic Surround”.
5 Beep	Select to activate a beep when pressing buttons.

 Information

- Advanced sound settings may differ according to selected AMP option.
- The seat shape may differ according to vehicle model.

Controls the display brightness and image rate for the whole system.



Features	Description
1 Mode	Provides the Automatic feature that automatically adjusts the brightness of the screen according to the brightness levels of the car's surroundings. If you do not use the Automatic feature, you can select either Daylight or Night mode and maintain the brightness accordingly.

Features	Description
2 Brightness	Adjusts the level of brightness in Daylight or Night mode. (If you use the Automatic feature, you can set the brightness for both Daylight and Night modes.)
3 Adjust	Adjust the hue, contrast, and saturation of the screen by dragging the sliders. Select the [button] button to initialize the settings.
4 Display Off	Provides the Display Off (touch activation) function.

Changes Bluetooth phone settings.

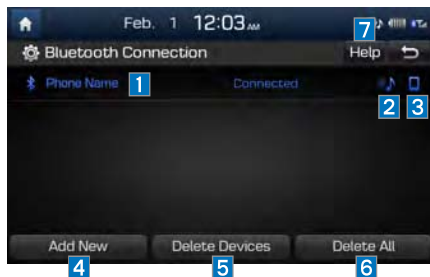
Phone Settings

- Press the [key] key ▶ Select [icon] icon.
- Home screen ▶ Select [icon] ▶ Select [icon] ▶ Select [icon].



Bluetooth Connection Settings

Press the [key] key ► Select [key] ►
Select [key]



Features	Description
1 Paired Device List	Displays the paired Bluetooth device list. When selecting from the list, the device is connected or disconnected.
2 Bluetooth Audio Connection Status	An icon appears when you make a Bluetooth Audio connection.
3 Bluetooth Hands-Free Connection Status	An icon appears when you make a Bluetooth Hands-free connection.
4 Add New	Register a new Bluetooth device.
5 Delete Devices	Select and delete a paired device.
6 Delete All	Delete all paired devices.
7 Help	Switches to the Bluetooth Connection Help screen.

i Information

- Up to 5 Bluetooth devices can be paired.
- Only one Bluetooth device can be connected at a time.
- During a Bluetooth device connection, another device cannot be paired.
- When you delete a paired device, the Call History and Contacts stored in the head unit are also completely deleted.
- Bluetooth Hands-free and Bluetooth Audio functions are supported.
- Hands-free and audio-supported devices, such as a Bluetooth smartphone or audio, will function normally.
- When a Bluetooth device is connected, if the Bluetooth connection is unexpectedly disconnected, due to being out of communication range, the device powering off, or a Bluetooth communication error, the Bluetooth device automatically searches for and connects to nearby Bluetooth devices.
- If the system is not stable, due to a vehicle-Bluetooth device communication error, restore the Default Factory Settings.
- For Default Factory Settings, the bluetooth settings are reset to factory settings
- Press the [key] key ► Select [key] ► Select [key] ► Select [key]

Auto Connection Priority

Press the  key ► Select  ►
Select .

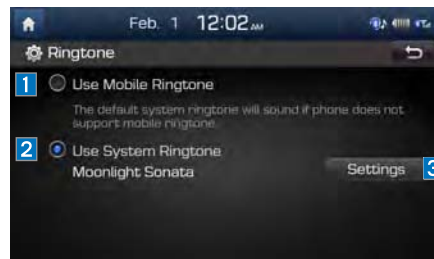


When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.

Depending on auto connection priority, connection to a device may take time.

Phone Ringtone

Press the  key ► Select 
► Select .



Features	Description
1 Use Mobile Ringtone	The configured mobile ringtone comes out through the vehicle speakers when you receive a call. When a mobile device doesn't support it, the basic ringtone of the vehicle will be used.
2 Use System Ringtone	The system ringtone will be used.
3 Settings	Changes the ringtone.
4 Ringtone Type	Selects a ringtone by name.
5 Preview	Previews the available ringtones.

Bluetooth System Information

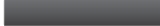
Press the  key ► Select  ►
Select .

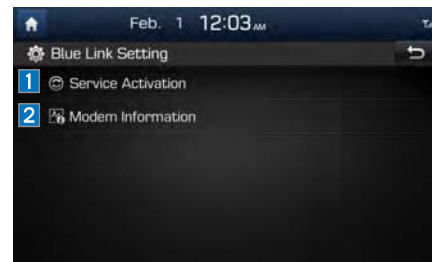


Features	Description
1 Vehicle Name	You can change the Bluetooth device name of the vehicle.
2 Passkey	You can change the passkey used for Bluetooth device authentication. the initial passkey is 0000.
3 Default Factory Settings	You can delete all paired devices and restore the Default Bluetooth Settings. For Default Factory Settings, all paired devices are deleted, and the system is reset to factory settings.

Information

- The Vehicle Name above is an example. Check the actual information on the product.

- Press the  key ► Select  icon.
- Press the  key ► Select  icon.

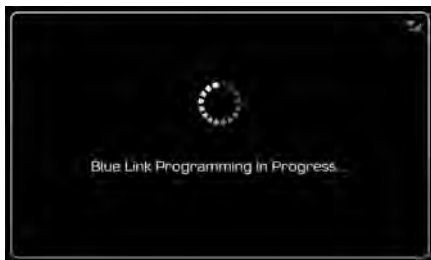


Features	Description
1 Service Activation	Reactivates the Blue Link.
2 Modem Information	Shows MEID modem information.

Service Activation

Press the  key ► Select

 ► Select 



Activation may take up to five minutes.

Do not turn the engine off while activation is in progress.

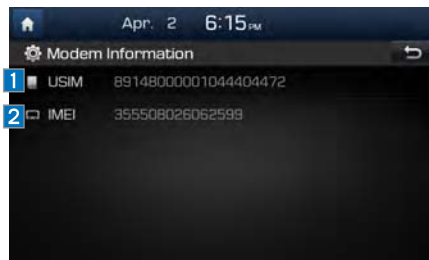
If activation fails, contact the Blue Link Center at (855) 2-BlueLink.

During service activation, the keys in the head unit do not function.

Modem Information

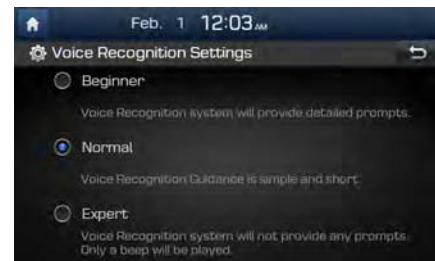
Press the  key ► Select

 ► Select 



Features	Description
1 USIM	USIM Identity number
2 IMEI	Equipment Identity number

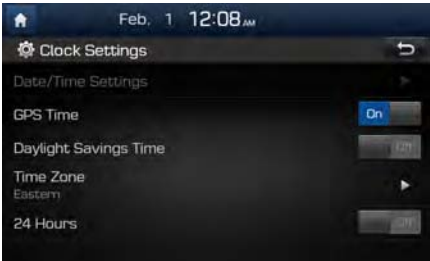
Configure how to make a call with Voice Recognition Guidance and Voice Recognition.



Features	Description
Guidance	Select an option from Beginner, Normal, or Expert.

Clock Settings

Provides the time and date settings.



Provides the GPS Time, Date/Time Settings, Daylight Savings Time, Time one, and 24 Hours options.

Wi-Fi Settings

You can share a digital-device network with the vehicle device through Wi-Fi.



Features	Description
1 Wi-Fi	Turn on/off Wi-Fi.
2 MAC Address	Displays the MAC address.
3 Refresh	Searches available networks near the vehicle.
4 Network Name	Displays available network AP (Access Point) names.
5 Add Wi-Fi Network	Enter the network ID/ password to connect to a hidden network AP (Access Point).

- o to Connect to a Net or
1. In the Wi-Fi settings of a digital device, activate Internet sharing (hot spot).
 2. In the vehicle network list, select the desired device to connect to. Enter the password to connect, if any.

Language Settings

You can configure the displayed system language.



When the language is changed, the system language is automatically changed.

Unique data including MP3 file name is not changed and some languages don't support voice recognition.

Keyboard Settings

You can configure the keyboard layout for each language.



You can configure ABCD or QWERTY keyboards for the system.

i Information

- Configured keyboard layouts are applied to all input modes.

Downloaded Apps Settings

Displays the applications that were downloaded through the Download Center. View the memory status of installed applications or delete them.



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.

Screen Saver Settings

You can select any of the following screen formats to be displayed when the screen or power is turned off.

- Digital clock and date
- Analog clock and date
- No display

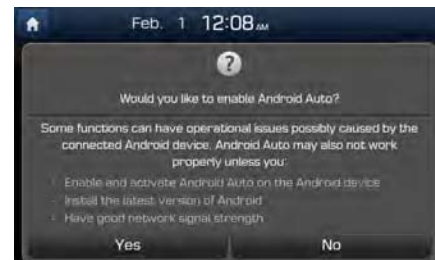


Connectivity Settings

You can select the mode to run when an Android device is connected. If not selected, the mode does not run exclusively.

Android Auto

If Android Auto is checked, you can use the functions of your Android phone with a USB cable and Bluetooth connected. It enables the Android Auto functions. The latest version of Android must be installed on the phone (Android 5.0 and above). While Android Auto is running, you cannot use some features.



i Information

- This setting is disabled when a device is connected to the vehicle USB port.

At the System Info screen, software version information, updates, and storage status details are available.



Features	Description
1 SW Info	System version information and update details are available. Select the  button to update the system. After update is complete, the system will reboot automatically.
2 Storage	Displays the memory space available for media files and applications.

System Update

At the System Info screen, insert the updated memory (USB or SD card) with the latest file downloaded, and then select the  button to begin updating. The system will then reboot automatically.

Information

- This product needs supplemented software updates, additional new functions, and renewed maps, which collectively may take some time to complete, depending on the amount of data.

CAUTION

- If the power is disconnected or the USB or SD card is removed during an update, the data might be damaged. Please wait until the update is complete while the engine is on.

10

part.10 Appendix

Product Specification

Troubleshooting

FA

Appendix

Product Specification

T T C

Screen Size	Navigation • evice - 8 inch(17 . x . mm)
Resolution	Navigation • evice - 8 ,000 pixels (Resolution 800 x 80)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Left/ Right, Top/Bottom A 8 °
Internal Lighting	“ •

Radio

Channels	FM 87.5 MH 107. MH (Step 00 kHz)
	AM 5 0 kHz 1710 kHz (Step 10 kHz)
Sensitivity	FM Under 10dBu/AM Under 5dBu
• istortion Factor	Within

Common

Name	Car TFT C • isplay Navigation nit		
Power Supply	• C 1 . V	Operating Power	• C V • C 1 V
Current Consumption	.5A	Sleep Current	0.5mA (Head nit Only)
Operating Temperature	- 0 70℃ (- 158℉)	Storage Temperature	- 0 85℃ (- 0 185℉)
• imensions	178 10 1 8mm (Main BO)		
Weight	.7kg		

Wi i etails

Frequency	1 MH
Specification	80 .11b/g/n
Number of Channels	11 channels
Operating Temperature	- 0 70℃ (- 158℉)

M EM PEC

T“		Frequency	110MH 155MH (B), 7 MH 75 MH (B1)
		Sensitivity	- . dBm under 0M(B), - . dBm under 10M(B1) (Throughput 5)
	T	Frequency	1710MH 1755MH (B), 777MH 787MH (B1)
		Max F Output Power	Power Class (B , B1), 0. dBm 5.7dBm (conducted)
C• MA		Frequency	8 MH 8 MH (BC0), 1 0MH 1 0MH (BC1)
		Sensitivity	-10 dBm under(F“ 0.5 under)
	T	Frequency	8 MH 8 MH (BC0), 1850MH 1 10MH (BC1)
		Max F Output Power	Power Class (BC0), Power Class (BC1), .01dBm 0dBm(conducted)

Bluetooth® Wireless Technology

Frequency ange	0 80 MH	Supported Bluetooth® Specification	.0
Supported Profile	Handsfree(1.), A • P(1.), AV CP(1.), PBAP(1.0)		
Output	0.1 5mW		
Number of Channels	7 channels		

⚠ CAUT

- The producer and installer cannot provide services related to life safety as the concerned radio equipment is liable to radio interference.

Troubleshooting

1. “ rrors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.

. If you are having problems with the device, try the suggestions listed below.

. If the problems persist, contact your Hyundai dealer.

Problem	Possible Cause
There are small red, blue, or green dots on the screen	Because the C• 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	- Has the Switch for the vehicle been turned to ACC or ON ? - Has the SYST“ M been turned OFF?
The screen is being displayed but sound is not working	- 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	- The display appearing somewhat dark after prolonged periods of use is normal with C• 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?

Problem	Possible Cause
Sound does not work in A mode	Are the audio connector jacks fully inserted into the A terminal?
The external device is not working	Is the external device connected with a standard connector cable?
pon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as discs, SB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load - 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

Problem	Possible Cause	Countermeasure
The power does not turn on	The fuse is disconnected	• eplace with a suitable fuse • If the fuse is disconnected again, please contact your point of purchase or Hyundai dealer
	• evice is not properly connected	• Check to see that the device has been properly connected
The system does not play	The vehicle battery is low	• Charge the battery If the problem persists, contact your point of purchase or Hyundai dealer

Problem	Possible Cause	Countermeasure
The image color/tone quality is low	• The brightness, saturation, hue, and contrast levels are not set properly	• Properly adjust the brightness, saturation, hue, and contrast levels through • isplay Setup
Sound does not work	• The volume level is set to the lowest level • The connection is not proper • The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode	• Adjust the volume level • Check to see that the device has been properly connected • The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode
The sound or image quality is low	• Vibration is occurring from where the conversion switch has been installed • Image color/tone quality is low	• The sound may be short-circuited and the image distorted if the device vibrates • The device will return to normal once vibrations stop

Problem	Possible Cause	Countermeasure
The SB does not work	• SB memory is damaged • SB memory has been contaminated • A separately purchased SB H B is being used • A SB extension cable is being used • A SB which is not a Metal Cover Type SB Memory is being used • An H• • type, CF, S• Memory is being used • There are no music files which can be played	• Please use the SB after formatting it. • Remove any foreign substances on the contact surface of the SB memory and multimedia terminal • Directly connect the SB memory with the multimedia terminal on the vehicle • Directly connect the SB memory with the multimedia terminal on the vehicle • Use standard SB Memory • Use standard SB Memory • Only MP , 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 • The iPod firmware version has not been properly updated • The iPod device does not recognize downloads	• Use iTunes to download and save MP files into the iPod • Use iTunes to update the firmware version and reconnect the iPod with the device • Reset the iPod and reconnect with the device

Problem	Possible Cause	Countermeasure
Bluetooth does not work or its limited functions are available	• Bluetooth on your mobile phone is set to OFF • The Bluetooth connection is not made • Android Auto is active	• Set it to ON • Make the connection active • Deactivate the mode
Android Auto does not work with proper connection	• Android Auto blocking is made in your phone • The status of the application has an error • OS system version not supported • Android Auto App not installed • Android Auto is OFF in connectivity setting • Non acceptance of request of approval	• Release the blocking. • Clear the error. • End the application process and try again • OS system of the phone should be 5.x or more and can be used by installing through Google play • Check Android Auto is ON in connectivity setting. • SETUP ► Connectivity (Select) • Accept request of approval • Android Auto is connected first time

i nformation

While operating the device, if an abnormality occurs that cannot be corrected with the above described measures, press the **RESET** key to reset the system.

Press and hold the **RESET** key (over 1 second). The device power will turn off and the system will reset.

About Pairing Mobile Phones

Q I cannot pair my mobile phone. What is the cause?

A Check to see that the mobile phone supports Bluetooth® function. Verify if Bluetooth on the cell phone is set to OFF. If so, set it to ON. If the cell phone still can't be registered, try again after turning Bluetooth off and on, or delete the device registration on the Multimedia System and cell phone and then register the cell phone again.

Q What is the difference between pairing a mobile phone and connecting a mobile phone?

A Pairing occurs through authenticating the head unit and mobile phone. Mobile phones paired to the head unit can be connected and disconnected until the paired mobile phone is deleted from the system. Bluetooth® Handsfree features, such as making/answering calls or managing contacts, are supported only in mobile phones connected with the head unit.

Q What is a Passkey?

A A passkey is the password used to authenticate the connection between the head unit and mobile phone. The passkey only needs to be entered once when pairing the mobile phone for the first time.

The initial passkey is 0000. You can change it with

 menu options.

About Making/Answering Phone Calls

Q How can I answer a call?

A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, select the  button on the screen or the  key on the steering remote controller.

To reject the call, select the  button on the screen or press the  key on the steering wheel control.

Q What should I do if I am talking on the Handsfree but want to switch the call to the mobile phone?

A While on a call, press and hold (more than 0.8 seconds) the  key on the steering remote controller or select the  button at the bottom of the Phone screen to switch the call to your mobile phone.

About *Bluetooth*® Wireless Technology/ Head Unit Use Environment

Q What is the range of my wireless connection?

A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?

A It is possible to pair up to five mobile phones.

Q Why is call quality sometimes poor?

A Check the reception sensitivity of the mobile phone when call quality becomes worsened. The call quality may deteriorate when the signal strength is low. Call quality may also worsen if metal objects, such as beverage cans, are placed near the mobile phone. Check to see if there are metal objects in the vicinity of the mobile phone. The call sound and quality may differ depending on the type of mobile phone.

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Important Information

Before using your Multimedia system, read and follow all instructions and safety information provided in this end user manual (**user's guide**). Not following precautions found in this **user's guide** can lead to an accident or other serious consequences.

See User's guide in vehicle

When kept in the vehicle, the **user's guide** will be a ready reference for you and other users unfamiliar with the Multimedia system. Please make certain that before using the system for the first time, all persons have access to the **user's guide** and read its instructions and safety information carefully.

Warning

Operating certain parts of this system while driving can distract your attention away from the road, and possibly cause an accident or other serious consequences. • Do not change system settings or enter data non-verbally (using your hands) while driving. Stop the vehicle in a safe and legal manner before attempting these operations. This is important since while setting up or changing some functions as you may to distract your attention away from the road and remove your hands from the wheel.

General Operation

Voice Command Control

Functions within the Multimedia system may be accomplished using only voice commands. Using voice commands while driving allows you to operate the system without removing your hands from the wheel.

Prolonged Views of Screen

- Do not access any function requiring a prolonged view of the screen while you are driving. Pull over in a safe and legal manner before attempting to access a function of the system requiring prolonged attention. Even occasional short scans to the screen may be hazardous if your attention has been diverted away from your driving task at a critical time.

Volume Setting

- Do not raise the volume excessively. Keep the volume at a level where you can still hear outside traffic and emergency signals while driving.
- Driving while unable to hear these sounds could cause an accident.

Navigation Features

Any navigation features included in the system are intended to provide turn by turn instructions to get you to a desired destination. Please make certain all persons using this system carefully read and follow all instructions on safety information.

Distraction Hazard

Some navigation features may require manual (non-verbal) setup. Attempting to perform such set-up or insert data while driving can seriously distract your attention and could cause an accident or other serious consequences. Stop the vehicle in a safe and legal manner before attempting these operations.

Let Your Judgment Prevail

Any navigation features are provided only as an aid. Make your driving decisions based on your observations of local conditions and existing traffic regulations. Any such feature is not a substitute for your personal judgment. Any route suggestions made by this system should never replace any local traffic regulations or your personal judgment or knowledge of safe driving practices.

Route Safety

- Do not follow the route suggestions if doing so would result in an unsafe or illegal maneuver, if you would be placed in an unsafe situation, or if you would be directed into an area that you consider unsafe. The driver is ultimately responsible for the safe operation of the vehicle and therefore, must evaluate whether it is safe to follow the suggested directions.

Potential Map Inaccuracy

Maps used by this system may be inaccurate because of changes in roads, traffic controls or driving conditions. Always use good judgment and common sense when following the suggested routes.

Emergency services

- do not rely on any navigation features included in the system to route you to emergency services. Ask local authorities or an emergency services operator for these locations. Not all emergency services such as police, fire stations, hospitals and clinics are contained in the map database for navigation features.

Use of speech recognition functions

Speech recognition software is inherently a statistical process which is subject to errors' it is your responsibility to monitor any speech recognition functions included in the system and address any errors'

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.

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

This equipment should be installed and operated with minimum 20 cm between the radiator and your body.

This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

MEMO

MEMO

MEMO

B8EUF12
(미국/영어-English)



HYUNDAI CAR MULTIMEDIA SYSTEM QUICK REFERENCE GUIDE



B8MS7-B5000

NEW THINKING.
NEW POSSIBILITIES.



Thank you for purchasing this multimedia system.

This user's manual explains how to use the HYUNDAI Motor multimedia 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.

Precaution for safe usage

- Driving while distracted can result in a loss of vehicle control, that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
- Do not operate the multimedia system while driving.
- Do not disassemble, assemble, or modify the multimedia system.
- Do not watch the screen for prolonged periods of time while driving.
- Set the volume to a level which allows the driver to be aware of external conditions.
- Do not operate the multimedia system for prolonged periods of time with the vehicle ignition in ACC. Such operations may lead to battery discharge.
- Be cautious not to spill water or introduce foreign objects into the device.
- Do not cause severe shock to the device. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch panel.
- In case of product malfunction, please contact your place of purchase or service center.
- When cleaning the touch screen, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, ammonia, benzene, thinners, etc.) as such materials may damage the device panel or cause color and quality deterioration.

All Map Database cannot be copied without permission.

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You may not otherwise reproduce, modify and distribute the content without HYUNDAI MnSoft, Inc's prior written consent.



- SiriusXM service requires a subscription, sold separately, after 3-month trial included with vehicle purchase. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call Sirius XM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. Programming subject to change. Sirius satellite service is available only to those at least 18 and older in the 48 contiguous USA, D.C., and PR (with coverage limitations). Traffic information not available in all markets. See siriusxm.com/traffic for details. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

WARNING

- Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
-

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Head Unit



Name		Description
1		Selects FM/AM/SiriusXM™ mode • Each time this is pressed, the mode is changed in order of FM → AM → SiriusXM™ → FM
2		Selects MEDIA mode • If the media is not connected Media mode will not be activated.
3		SD card insert slot
4		Displays the map for the current position
5		Takes you to the menu screen where you can find your destination and set the route.
6		• When power is off, press to turn power on • When power is on, press and hold (more than 0.8 seconds) to turn power off • When power is on, press quickly (less than 0.8 seconds) to turn Audio off • Turn left/right to control volume
7		• FM/AM mode: changes the frequency • SiriusXM™ mode: changes the channel • MEDIA (Disc/USB/iPod/My Music) mode: changes the track, file or title(except USB Image, Bluetooth Audio and AUX)



	Name	Description
8		Press to eject a disc.
9		Resets the system settings. (Preset radio channels and other data will not be deleted)
10		Displays the Blue Link screen
11	 	When pressed quickly (less than 0.8 seconds), • FM/AM mode: Plays the previous/next frequency. • SiriusXM™ mode: Plays the previous/next channel. • MEDIA (Disc/USB/iPod/My Music) mode: Changes the track, file or title (except for USB Image and AUX). When pressed and held down (more than 0.8 seconds), • FM/AM mode: Continuously changes the frequency until the key is released. • SiriusXM™ mode: Continuously changes the channel until the key is released and plays the current channel. • MEDIA (Disc/USB/iPod/My Music) mode: Rewinds or fast forwards the track or file (except for USB Image, Bluetooth Audio, and AUX).
12		Displays the information mode
13		Displays the phone screen
14		Displays the Setup screen

※ The actual feature in the vehicle may differ from the illustration.

Steering Wheel Controls



Name		Description
1		Controls the volume
2		Mutes the sound
3		When pressed quickly (less than 0.8 seconds), • FM/AM mode: searches broadcast frequencies saved to Presets • SiriusXM™ mode: searches broadcast channels saved to Presets • MEDIA (Disc/USB/iPod/My Music) mode: changes the track, file or title (except USB Image, AUX) When pressed and held (more than 0.8 seconds), • FM/AM mode: automatically searches broadcast frequencies • SiriusXM™ mode: automatically searches broadcast channels • MEDIA (Disc/USB/iPod/My Music) mode: quickly looks up songs (excluding USB images, AUX and Bluetooth audio files)
4		• Each time this is pressed, the mode is changed in the order FM → AM → SiriusXM™ → Disc → USB Music or iPod → AUX → Bluetooth Audio → My Music → Android Auto → FM • If the media is not connected, the corresponding modes will be disabled • Press and hold (more than 0.8 seconds) to turn the Audio system on/off • When power is off, press button to turn power back on



Name	Description
5 	When pressed quickly (less than 0.8 seconds), • If Android Auto is not connected, activates the multimedia system voice recognition • If Android Auto is connected, activates or ends Google voice recognition When pressed and held (more than 0.8 seconds), • If the multimedia system voice recognition is activated, ends the multimedia system voice recognition • If Android Auto is connected, activates or ends Google voice recognition • If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free
6 	When pressed quickly (less than 1.2 seconds), • When pressed in the dial screen, makes a call • When pressed in the incoming call screen, answers the call • When pressed during call waiting, switches to waiting call (Call Waiting) When pressed and held (more than 1.2 seconds), • When pressed in Bluetooth® Hands-free, redials the last dialed call • When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private) • When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected)
7 	• When pressed during a call, ends the phone call • When pressed in the incoming call screen, rejects the call

※ The actual feature in the vehicle may differ from the illustration.

On-Screen Touch Controls

Learn how to touch the screen to operate the system.

Select

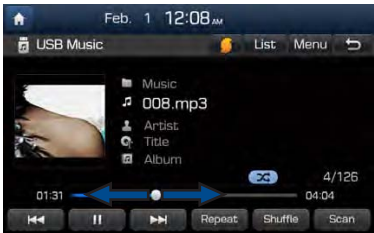
Tap lightly on a menu or an item to select it.

NOTICE

- The system will not recognize your touch if you wear a glove or other non-conductive material. Touch the screen using your finger, an electrostatic touch-screen glove, or a stylus pen.

Drag Drop

Select a menu or item you want, then drag and drop it to where you want to place it.



Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from. However, the CD player does not support drag function.

Information

- Music screens for Disc CD and Disc MP3 do not support this function.

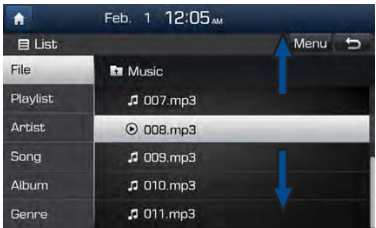


Drag the frequency bar to the left or right to move to the frequency that you want.



From the Edit My Menu screen, drag and drop icons to add, delete, or move to from My Menu.

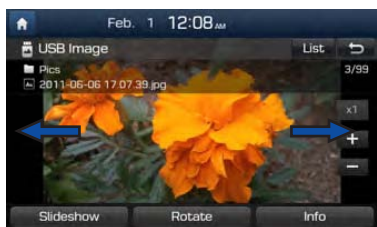
Flick (Quick Scrolling)



Quickly moves up and down in the list.

NOTICE

- Moving the list when there are many items will display a handler on the right of the display. You can easily move many items at a time with the handler



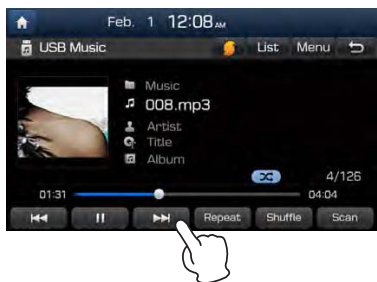
You can view the previous or next image by flicking left/right on an image on the USB Image screen.



Flick left/right on the frequency bar in the radio player to look up the previous/next frequency available.

Press and Hold

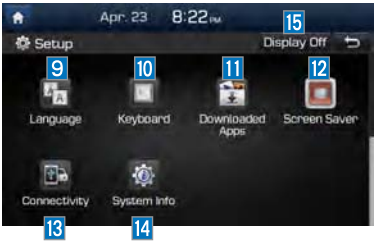
Pressing the  and  buttons in the music or video player will fast forward/rewind the music or video.



Setup is the screen to control system settings of the Multimedia System. To enter the screen, press the  key of the device or the  icon in All Menus.

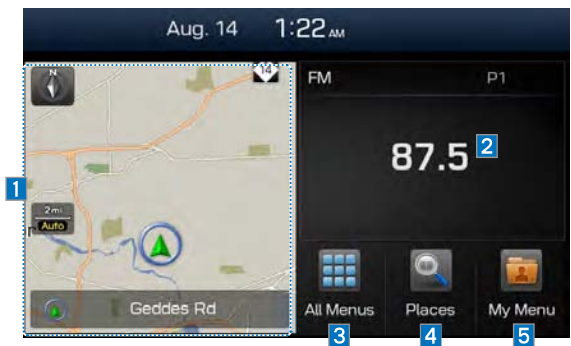


Features	Description
1 Navigation	Provides Normal/ Screen/Guidance/ Route/Safety Setting.
2 Sound	Provides the sound control options for Position, Bass, Mid, Treble, Volume and Advanced settings.
3 Display	Provides the Mode/ Brightness/Adjust settings.
4 Phone	Provides the Bluetooth Connection/Auto Connection Priority/ Ringtone/System Bluetooth Information settings.
5 Blue Link	Provides the Activation/Modem Information settings.
6 Voice Recognition	Provides the Guidance and Priority settings.
7 Clock	Provides the time and date settings.
8 Wi-Fi	Provides the Wi-Fi On and Network Connection settings.



Features	Description
9 Language	Provides the Change Language settings.
10 Keyboard	Provides settings to switch keyboard layouts.
11 Downloaded Apps	Provides the removal settings for down-loaded and installed apps.
12 Screen Saver	Provides the Clock/ None settings.
13 Connectivity	Provides connectivity settings for Android Auto
14 System Info	Provides software and storage space information.
15 Display Off	Provides the Display Off (touch activation) function.

Controls Menu Configuration for the Home Screen



Features	Description
1 Navigation Widget	• Provides a brief view of the navigation map and the route screen. • Touch any area on the screen to move to the navigation screen.
2 AV Widget	• Shows brief information on the radio media current playing. • Touch the area to move to the mode for what you are listening to.
3 All Menus	Shows all of the items in the system menu.
4 Places	Directly moves to the screen where you can search for your destination. i If an Android Auto compatible phone is connected, this button switches to the Enter Android Auto icon.
5 My Menu	• You can add and save up to eight menu items. • Add your favorite menu items to have quick and easy access to them.

Information Display on the Status Bar

Displays the date and time, along with the system status shown by the various icons to the right of the clock.

The icons in the following table indicate the various types of system status details and events.

Icon	Description
	Mute AV sound
	Mute Navigation sound
	Bluetooth phone remaining battery
	Handsfree connection
	Connecting to music stream
	Handsfree+ streaming connection
	Downloading contacts/recent calls
	Making a call using Bluetooth phone
	Mute Bluetooth phone microphone
	Bluetooth phone reception sensitivity
	Blue Link received signal strength indication
	Wi-Fi is connected
	Connecting to Wi-Fi
	2G/3G data connection (displayed only when connected to a 2G/3G data network)
	LTE data connection (displayed only when connected to a LTE data network)

Information

- Received signal strength indicator of Blue Link and 2G/3G/Wi-Fi/LTE information are displayed only in the devices that support the telematics system.

Adding our Favorite Menu Items to My Menu

From the Home screen, select

My Menu icon and then **Edit** .

From the Edit My Menu screen, select menu items from the list on the right, then drag and drop them to a desired place on the left.

To remove the item from My Menu, drag item from the left and drop them on the right.



i Information

- Up to eight items can be added to My Menu.
-

You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from All Menus on the Home screen.

FM/AM Mode Display Controls



Information

- If you press the **RADIO** key when the power is off, the power will turn on and a radio broadcast will be tuned from the current mode..
- If you are in the FM/AM mode, select the FM/AM radio widget from the Home screen to access the radio player.

Features	Description
1 Mode Display	• Displays the current operating mode • If you tap on FM, AM, or SiriusXM in the Mode Display, the corresponding mode will be selected.
2 Preset	• Shows saved presets for user selection • After selecting frequency —press and hold the preset button for more than 0.8 seconds. A beep will sound and the frequency is saved to the selected preset button. i A total of 24 frequencies with 12 preset frequencies each for FM/AM modes can be saved.
3 Frequency Bar	• Flick the frequency bar left/right to search for available radio channels to the left or right of the current channel. • Dragging: Drag the frequency bar to the left/right to find the radio channel that you want.
4 Frequency	Displays the current frequency
5 Broadcast station	Displays the current broadcast station name.
6 Scan	Plays frequencies with superior reception for 5 seconds each
7 HD Radio	Used to set whether to turn HD Radio™ reception On/Off.
8 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.



Features	Description
9 Info	Turns the Radio Text information on and off - If the Info soft button is OFF (the blue indicator on the Info button is not illuminated), information will not be displayed even if there is information being transmitted from the broadcast station. - If the Info soft button is ON (the blue indicator on the Info button is illuminated), then broadcast information will be displayed. Information may not be displayed if there is no information being transmitted from the broadcast station.
10 Menu	- Autostore Saves frequencies with good reception to Preset buttons i While Auto Store is operating, pressing the Auto Store button again will cancel the function and play the previous frequency. - Preset Scan Plays preset frequencies for 5 or 10 seconds each - HD on: 10 seconds - HD off: 5 seconds
11 Scan/ Auto Scan/ Preset Scan	Displays an activated mode from the Scan/Auto Scan/Preset Scan modes.
12 SEEK/ TRACK	- When pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency. - When pressed and held (more than 0.8 seconds): Moves quickly through all of the frequencies. From the moment that you release the button, the system will seek the next available frequency.
13 TUNE	Turn the  knob to manually seek available frequencies. - FM: Increment/decrement by 200 kHz - AM: Increment/decrement by 10 kHz

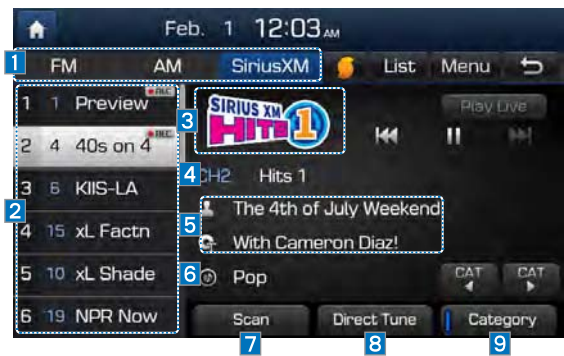
HD Radio™ Mode Display Controls



Name	Description
1 HD Radio™ Reception &Channel buttons	Displays main HD Radio™ channels and used to directly select the current available channels i HD Radio technology allows AM and FM radio stations to transmit audio and data using a digital signal. The HD format allows stations to simultaneously broadcast one or more different programs in addition to the program being transmitted on the station's analog channel. When the HD Radio soft button on the screen is ON (blue indicator on the HD Radio button is illuminated), HD Radio reception will become active whenever a broadcast channel sends an HD Radio signal and when the vehicle is in areas where the signal reception is strong. If multiple HD Radio programs are available, a soft button for each channel will appear on the screen allowing you to select from HD1, HD2, etc.
2 HD Channel Number	Analog station and corresponding HD Radio channel number saved in the preset list.
3 Broadcast Info	Displays detailed information about the current broadcast (the details of the information shown are different depending on whether the Info button is selected)
4 HD Radio	When the HD Radio soft button is ON (the blue indicator on the HD Radio button is illuminated), HD radio signals will be broadcast.

You can access the radio player either by pressing the **RADIO** key or by selecting the Radio menu option from All Menus on the Home screen. Select the SiriusXM™ tab from the radio player.

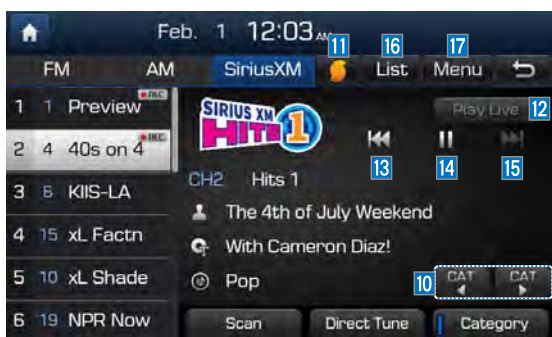
SiriusXM™ Mode Display Controls



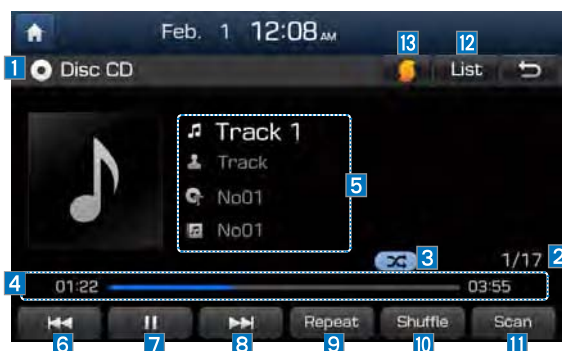
i Information

- If you press the **RADIO** key when the power is off, the power will turn on and a radio broadcast will be tuned from the current mode.
- If you are in the SiriusXM™ mode, select the SiriusXM™ radio widget from the Home screen to access the radio player.
- When the power is off, pressing the **RADIO** key will turn the power on and play a SiriusXM™ Radio broadcast.

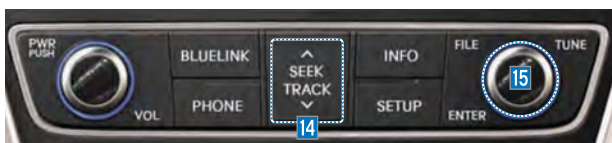
Features	Description
1 Mode Display	Displays the current operating mode. If you tap on FM, AM, or SiriusXM in the Mode Display, the corresponding mode will be selected.
2 Preset	Shows saved presets for user selection After selecting frequency → press and hold the preset button for more than 0.8 seconds. A beep will sound and the frequency is saved to the selected preset button. i A total of 18 frequencies for SiriusXM™ modes can be saved.
3 Channel Logo	Displays the current channel logo
4 Channel Info	Displays the current channel number and name
5 Contents Info	Displays the artist, title and other information about the current playing song
6 Category Info	Displays the current playing category
7 Scan	Plays all receivable channels for 10 seconds each
8 Direct Tune	Used to search for channels by entering channel numbers
9 Category	If you press Category, when search channels through SEEK, Tune and Scan, search it in the current category.



Features	Description
10 Category Selection Buttons	Used to select the previous/next category
11 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
12 Play Live	Plays live broadcast mode
13 Skip Backward	Repeats the previously broadcasted program. - Holding for less than 0.8 seconds: Moves to the previous segment - Holding for more than 0.8 seconds: Moves to the previous 5 seconds
14 Play Pause	Pauses/plays the currently broadcasting program.
15 Skip Forward	Moves to the next segment.
16 List	Displays SiriusXM™ Radio Categories/Channel Lists
17 Menu	What's on My Preset? The program schedule saved in my preset. (For more details, see Section 2.5. Viewing Menu.) - Featured Favorite Theme channels recommended by SiriusXM™. (For more details, see Section 2.5. Viewing Menu.) - Preset Scan Plays preset frequencies for 5 seconds each.
18 SEEK/TRACK	When pressed quickly (less than 0.8 seconds), Plays the previous/next channel When pressed and held (more than 0.8 seconds), Continuously changes the channel until the key is released and plays the current channel
19 TUNE	Changes the channel



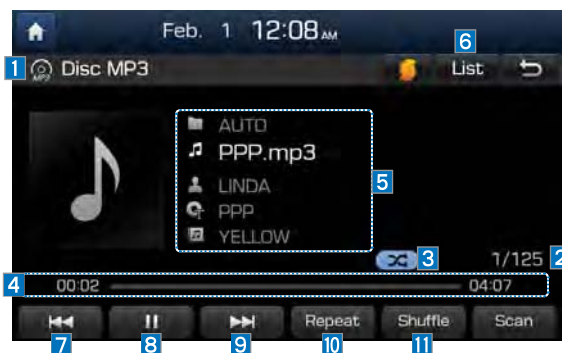
Name	Description
1 Mode	Displays current operating mode
2 Track Index	Shows the current track/total tracks
3 Repeat/ Shuffle/Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time
5 Play Info	Displays track/artist/title/album information
6 Previous Track	- When the play time is under 3 seconds the previous track - When the play time is over 3 seconds current song from the beginning
7 Play/Pause	Plays/pauses the current track
8 Next Track	Moves to the next track
9 Repeat	Repeats the current track Select the Repeat button to switch between repeating the current track  → and turning repeat off
10 Shuffle	Plays disc tracks in random order Select the Shuffle button to switch between shuffle all  → and turning shuffle off
11 Scan	Scans the beginning parts of disc tracks (approx. 10 seconds per track) Select the Scan button to switch between scan all  → and turning scan off
12 List	Moves to the track list screen
13 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.



Name	Description
14 SEEK/TRACK	If button is pressed quickly (less than 0.8 seconds), it moves to previous or next track If button is pressed and held (more than 0.8 seconds), it rewinds or fast-forward the track i When pressed for 5 seconds, it will rewind or fast-forward the track at 4x speed. After that, it will rewind or fast-forward at 20x speed. Once released, the track will begin playing at normal speed.
15 TUNE	Turn the  knob and search a desired track. When the track name is displayed, press the  knob to play the track. i If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.

i Information

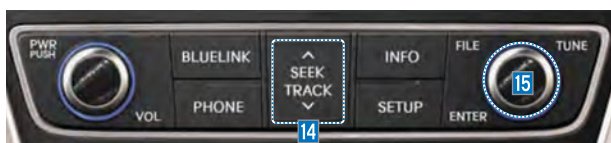
- Album artwork is not available in the Disc CD and Disc MP3 mode.



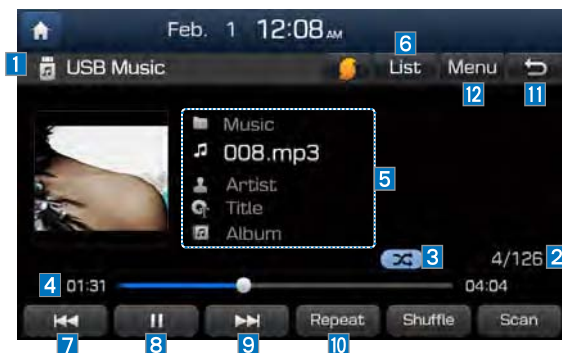
Name	Description
1 Mode	Displays current operating mode
2 File Index	Shows the current MP3 file/total number of MP3 files
3 Repeat/ Shuffle/ Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time
5 Song Info	Displays folder/file/artist/title/album info for current song
6 List	Moves to the list screen
7 Previous File	• If play time is less than 3 secs, moves to previous file • If play time is more than 3 secs, play the current file from the beginning
8 Play/Pause	Plays/pauses the current track
9 Next File	Moves to the next song
10 Repeat	Repeats the current song or all songs in the folder Select the Repeat button to switch between repeating 1 song  → repeating folder  → and turning repeat off i Repeat 1 song: Repeats the current song Repeat Folder: Repeats songs in the folder
11 Shuffle	Plays files in the folder or in the disc in random order Select the Shuffle button to switch between shuffle folder  → shuffle all  → and turning shuffle off i Shuffle folder: Plays songs in the folder in random order Shuffle All: Plays songs in the disc in random order.

i Information

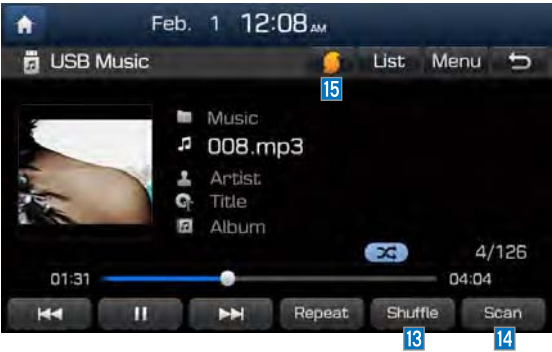
- Album artwork is not available in the Disc CD and Disc MP3 mode.



Name	Description
12 Scan	Scans the beginning parts of MP3 files (approx. 10 seconds per file) Select the  button to switch between scan folder  → scan all  → and turning scan off  Scan Folder: Scans tracks in the current folder Scan All: Scans all tracks in the disc
13 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
14 SEEK/TRACK	If button is pressed (less than 0.8 seconds): Plays previous/next track If button is pressed (more than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.
15 TUNE	Turn the  knob to search a desired track. If the desired track is displayed, press the  knob to play the track.  If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.



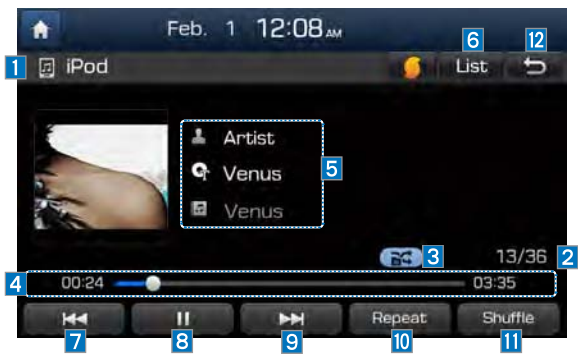
Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/ Shuffle/ Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the information of the current track - When a track in the file tab on the list screen is selected: Displays folder, file, title, artist, album info - When a track in the other tabs on the list screen is selected: Displays artist, title, album info
6 List	Moves to the list screen
7 Previous File	If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) - If play time is less than 3 seconds, moves to previous file - If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	- If button is pressed (less than 0.8 seconds): Moves to the next file - If button is pressed (more than 0.8 seconds): It fast-forwards the track
10 Repeat	Repeats the current file - If select the song in the file tab on the list screen: Select the Repeat button to switch between repeating one song (🔁), repeating folder (🔁), and turning repeat off (🔁) - If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the Repeat button to switch between repeating one song (🔁) and turning repeat off (🔁)
11 Back Button	Converts to basic mode screen
12 Menu	- Add to Playlist: Add the current track to the Playlist Playlist is placed on the left tab in the list - Save to My Music: You can save the current track to My Music. You can play saved track from My Music without USB. Access to My Music in the Media mode.



Features	Description
13 Shuffle	Plays files in random order • If select the song in the file tab on the list screen: Select the button to switch between Shuffle Folder , and turning shuffle off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the button to switch between Shuffle Category and turning shuffle off
14 Scan	Scans the beginning parts of USB files (approx. 10 seconds per file) • If select the song in the file tab on the list screen: Select the button to switch between Scan Folder , and turning scan off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the button to switch between Scan category and turning scan off
15 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
16 SEEK/ TRACK	If button is pressed (less than 0.8 seconds) moves to previous/next file or play the current track from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds) it will rewind/fast-forward the track
17 TUNE	Turn the knob to search a desired track. If the desired track is displayed, press the knob to play the track. If the knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.



Features	Description
1 Mode	Displays the current operating mode
2 Folder/File Name	Displays folder name where image is located
3 File Index	Shows the current file/total files within the USB
4 Slideshow	Images as slideshow in 5, 10, 20, 30 second intervals
5 Rotate	Rotate image in clockwise direction
6 Info	Shows the file name, resolution and file type of current image
7 Adjust Image Size	Enlarge/reduce (zoom-in/zoom-out) image size
8 List	Moves to the list screen
9 Previous/ Next image	Swipe image left or right to see Previous/ Next image



Features	Description
1 Mode	Displays the current operating mode
2 Song Index	Shows the current song/total songs
3 Repeat/Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/song title/album info
6 List	Moves to the list screen
7 Previous File	If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) • If play time is less than 3 seconds, moves to previous file • If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds) it rewinds the track.
8 Play/Pause	Plays/pauses the current file
9 Next File	• If button is pressed (less than 0.8 seconds), moves to the next file • If button is pressed (more than 0.8 seconds), it does fast-forward the track.
10 Repeat	Repeats the current file Select the Repeat button to switch between repeating 1 track , and turning repeat off 
11 Shuffle	Plays files in random order When pressing Shuffle button, it changes to shuffle category  → deactivate shuffle then repeat  • Shuffle Category: Shuffle song in the current category
12 Back Button	Move to home/previous mode screen



Features	Description
13 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
14 SEEK/TRACK	If button is pressed (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If button is pressed (more than 0.8 seconds) it will rewind/fast-forward the track
15 TUNE	Turn the  knob to search a desired track. If the desired track is displayed, press the  knob to play the track.  If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.



NOTICE

- For USB media or iPod music, the USB/iPod cable must be plugged in to the USB port in the front multibox. The USB port in the center storage console is for charging only.

Connecting an External Device

If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate. Once the connector is disconnected, the previous mode will be restored.

- AUX mode can be used only when an external audio player has been connected.
- The AUX volume can also be controlled separately through the connected device.



Features	Description
1 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
2 Back Button	Move to home/previous mode screen

Information

- **SEEK**, **TRACK** key, **TUNE** is not supported.

NOTICE

- If only a cable is connected to the AUX without an external device, the mode will be changed to AUX, but noise may occur. When an external device is not being used, remove the connector jack.
- When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.

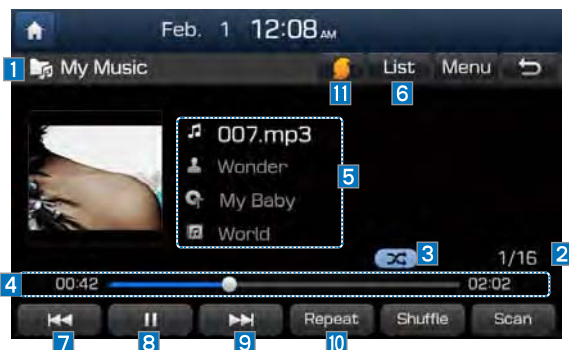




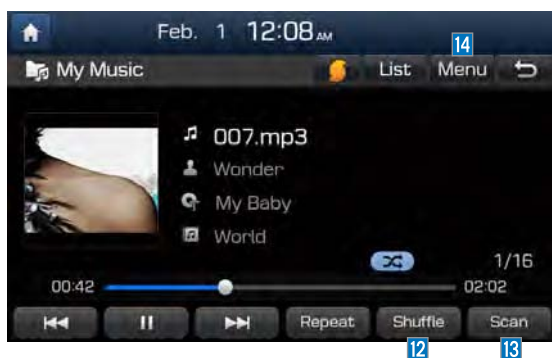
Features	Description
1 Mode	Displays the current operating mode
2 Phone Name	Displays name of connected phone
3 Artist Info	Name of current artist
4 Title	Name of current song
5 Previous File	• If play time is less than 3 seconds, moves to the previous file • If play time is more than 3 seconds, plays the current file from the beginning <i>i</i> This function may differ depending on the model of mobile-phone
6 Play/Pause	Plays/Pauses Bluetooth Audio
7 Next File	Moves to the next file
8 Connections	Moves to the Bluetooth Settings screen. You can pair a new device or change/delete paired device(s)
9 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.
10 SEEK/TRACK	Plays the previous/next file
11 TUNE	 is not supported.

i Information

- Artist info and Title may not be supported by mobile phone



Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files
3 Repeat/ Shuffle/Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the information about the current track - When a track in the file tab on the list screen is selected: Displays file, artist, title, album info - When a track in the other tab on the list screen is selected: Displays artist, title, album info
6 List	Moves to the list screen
7 Previous File	If button is pressed (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) - If play time is less than 3 seconds, moves to previous file - If play time is more than 3 seconds, play the current file from the beginning If button is pressed (more than 0.8 seconds) it rewinds the track
8 Play/Pause	Plays/pauses the current file
9 Next File	- If button is pressed (less than 0.8 seconds): Moves to the next file - If button is pressed (more than 0.8 seconds) it will fast-forward the file
10 Repeat	Repeats the current file - If select the song in the file tab on the list screen: Select the Repeat button to switch between repeating one song  and turning repeat off . - If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the Repeat button to switch between repeating one song  and turning repeat off .
11 SoundHound	Runs the SoundHound feature. For more details regarding this feature, refer to the SoundHound information in the Info section.



Features	Description
12 Shuffle	Plays files in random order • If select the song in the file tab on the list screen: Select the  button to switch between shuffle  and turning shuffle off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the  button to switch between shuffle  and turning shuffle off 
13 Scan	Scans the beginning parts of files (approx. 10seconds per file) • If select the song in the file tab on the list screen: Select the  button to switch between scan  and turning scan off • If select the song in the other tabs (Playlist, Artist, Song, Album, Genre) on the list screen: Select the  button to switch between scan  and turning scan off 
14 Menu	• Add to Playlist: Adds the current song to the Playlist Playlist is placed on the left tab in the list • Delete Current File: Deletes the current track from My Music.
15 SEEK/ TRACK	If button is pressed (less than 0.8 seconds) moves to previous/next file or play the current song from the beginning • If play time is less than 3 seconds, moves to previous/next file • If play time is more than 3 seconds, plays the current file from the beginning If button is pressed (more than 0.8 seconds) it will rewind/fast-forward the track
16 TUNE	Turn the  knob to search a desired track. If the desired track is displayed, press the  knob to play the track.  If the  knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.

Bluetooth

Bluetooth Connection

Pairing a New Device

Before you can use the Bluetooth feature, you must first pair/connect your mobile phone to your car.

Up to 5 Bluetooth devices can be paired.

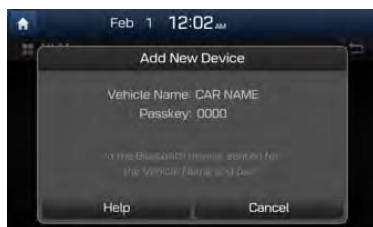
Only one Bluetooth device can be connected at a time.

Pairing a New Device by Selecting Phone/Call

Press the **PHONE** key or  key in the steering wheel remote control. ▶ Pair your car after your mobile phone detects the Bluetooth device. ▶ Enter the passkey or accept the authorization popup. ▶ Connect Bluetooth.

Pairing a New Device Through the Phone Settings

Press the **SETUP** key. ▶ Select **Phone**. ▶ Select **Bluetooth Connection**. ▶ Select **Add New**. ▶ Pair your car after your mobile phone detects the Bluetooth device. ▶ Enter the passkey or accept the authorization popup. ▶ Connect Bluetooth.



The default passkey is 0000.

The Vehicle Name above is an example. Check the actual information on the product.

Connecting Bluetooth Devices

Connects the Bluetooth devices that you add.

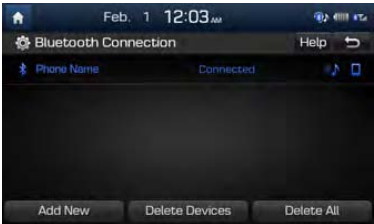
Connecting Devices by Selecting Phone/Call

Press the **PHONE** key or  key in the steering wheel remote control. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.



Connecting Devices Through the Phone Settings

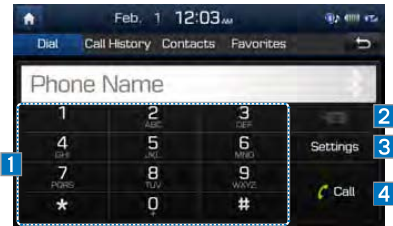
Press the **SETUP** key. ▶ Select **Phone** . ▶ Select **Bluetooth Connection** . ▶ Select the name of the device to connect. ▶ Connect Bluetooth.



Dial

Dials a call after the Bluetooth devices are connected.

- Press the **PHONE** key or  key in the steering wheel remote control.
- You can also select **All Menus** icon , and then **Phone** icon.



Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Press and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone
2 Delete	Deletes the numbers that you entered.
3 Settings	Moves to a screen of Phone Settings.
4 Call	Makes a call after you dial a number and select CALL. If the number is listed in Dialed Calls, you can select the number and press CALL to automatically dial that number again.

i Information

- Some types of mobile phones may not support the Speed Dial function.

Using the Menu During a Phone Call



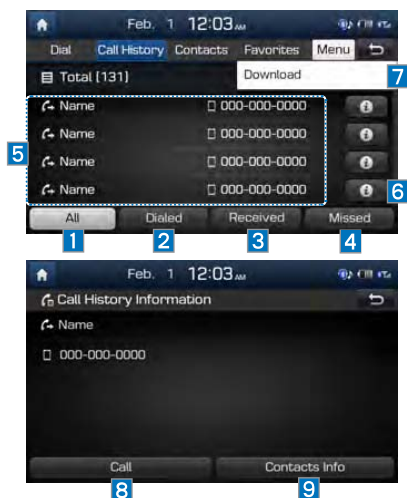
When making a call, you can use the following menu items.

Name	Description
1 Use Private	Switches a voice call from the car Hands-free to the mobile phone.
2 End	Ends a call.
3 Contacts	Displays the Contacts list.
4 Outgoing Volume	Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 - 5).
5 Keypad	Moves to a screen for entering ARS numbers.
6 Switch	Switches to a call on hold, if any. You can also switch calls by selecting the number in the Information Display. The Switch function switches the current call to a waiting call in order to answer a new incoming call.

Call History

Select **PHONE** key, and then

Call History .

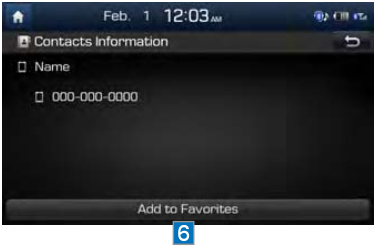
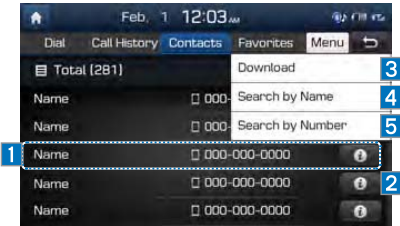


Name	Description
1 All	Lists the all call history.
2 Dialed	Lists the calls that you made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls you missed.
5 Call History	Displays all of your call history. Select from the list to dial the number.
6 Information	Displays the details of your call history information.
7 Download	Downloads the call history information from your mobile phone.
8 Call	Dials the selected number in your Call History Information.
9 Contacts Info	Goes to the Contact Information screen if the number has been stored.

Contacts

Press the **PHONE** key, and then

Contacts

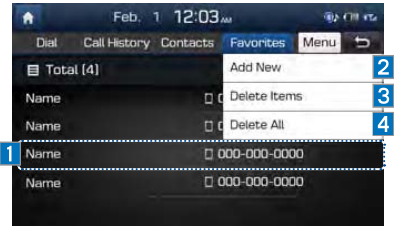


Name	Description
1 Contacts List	The list of Contacts. Select from the list to dial the number.
2 Information	Displays contact information.
3 Download	Downloads contacts from your mobile phone.
4 Search by Name	Searches Contacts for the name that you enter.
5 Search by Number	Searches Contacts for the number that you enter.
6 Add to Favorites	Adds a phone number to Favorites.

Favorites

Press the **PHONE** key, and then

Favorites



Name	Description
1 Favorites	Lists the phone numbers saved as Favorites. Select from the list to dial the number.
2 Add New	Adds a new number to Favorites.
3 Delete Items	Deletes numbers that you select from Favorites.
4 Delete All	Deletes all of the numbers from Favorites.

Precautions Required for Successful Voice Recognition

1. Voice recognition supports only the commands that are displayed on the screen and written in the User's Guide.
2. To ensure the correct recognition and execution of your command, say your command when you hear the beep after a voice prompt.
3. Voice recognition automatically ends if:
 - 1) A call is incoming or outgoing
 - 2) A media (USB or iPod, etc.) is connected or disconnected
 - 3) The front or rear view camera is operated (optional)
 - 4) The car engine starts or stops
 - 5) A system key, such as **RADIO** key or **MEDIA** key is selected
 - 6) An emergency occurs, for example re-searching for the route after the navigation route has been lost
4. The microphone that recognizes your voice is located over the head part in the driver's seat. To make your commands better understood, keep your body straight in the driver's seat when speaking the command.
5. Speaking naturally and clearly will ensure better recognition of your voice commands.
6. In the following cases voice recognition will be affected by ambient noise.
 - 1) The sound of the wind if any window or the sun roof is open.
 - 2) High speed blower from the air vents. Set climate control to blow lower than level 3.
 - 3) Vibrations from passing through a tunnel.
 - 4) Vibrations from driving on an uneven road.
 - 5) Storms and heavy rain.

Starting/Ending and Setting Voice Recognition

Starting Voice Recognition

Press the  key briefly (less than 0.8 seconds) on the steering wheel control to activate voice recognition.



Ending Voice Recognition

1. Select “Exit” to the left of the bottom to end voice recognition.
2. Press and hold (more than 0.8 seconds) the  key on the steering wheel control to end voice recognition.



Combining Voice Recognition with On Screen Commands

After pressing the  key, say a command after the beep. The voice recognition system will execute the desired operation after understanding the command. Alternatively, you may touch any of the corresponding Frequently Used Commands on the screen while the Voice Recognition system is in operation.

Combining voice recognition with available on-screen commands is useful when the system is taking longer than expected or the voice command did not execute as desired.



Skiping Prompt Messages

When you hear the prompt message, the voice recognition icon on the steering wheel remote control to skip the message and go directly to listening mode to say your command.

This results in faster operation when you feel the message is too long or you already know the command to use.



i Information

- Refer to Part 9 for instructions on how to change the Voice Recognition Settings.
-

Voice Recognition Screen Overview

Start Screen



Name	Description
1 Most frequently used commands	Displays the six most frequently used commands.
2 Not available command	Displays commands that are not available due to a failure in meeting the conditions for using them and thus need additional settings. The conditions required for using them will be described briefly under each command.
3 Voice recognition status icons	 Standby  Voice guidance  Voice command process
4 User's speaking volume being recognized	Displays the voice command volume in real time.
5 Recognized results	Displays the voice recognition result.
6 Help	Displays all available help commands in a tree format.
7 Exit	Ends the voice recognition.

Voice Commands

Types of Commands

Voice recognition commands are classified as “Global Commands” and “Local Commands.”

1. Global Commands (●): Commands that can be used immediately after activating voice recognition.
2. Local Commands (○): Commands that can be used when a multimedia, navigation, or Bluetooth call is running, or displayed on the screen, after activating voice recognition.

Call Commands

®Check the following before using call commands:

1. Voice commands related to phone calls can be used after connecting a Bluetooth device.
2. To call a person, for example “Call John Smith ” whose name is listed in Contacts, you must first download the Contacts list. For details on downloading contacts, see “Part 3. Using Bluetooth Chapter 3. Bluetooth Phone 3.10 Contacts”.
3. After downloading the Bluetooth contacts, it will take some time to convert the Contacts into voice data during which time you cannot make a call by name yet. The time it takes to convert voice data may vary depending on the number of Contacts downloaded on the phone.

Voice Recognition

Command		Operation
●	Call	Displays downloaded Contacts, after this you can make a call by saying the name.
●	Call Name	You can directly call a person by Name in the downloaded Contacts.
●	Call Name on Mobile	You can call a person name directly to the number that is saved as "Mobile" in the downloaded Contacts. e.g.) Call "ohn Smith" on Mobile
●	Call Name in Office	You can call a person name directly to the number that is saved as "Office" in the downloaded Contacts. e.g.) Call "ohn Smith" in Office
●	Call Name at Home	You can call a person name directly to the number that is saved as "Home" in the downloaded Contacts. e.g.) Call "ohn Smith" at Home
●	Call Name on Other	You can call a person name directly to the number that is saved as "Other" than "Mobile, Home, or Office" in the downloaded Contacts. e.g.) Call "ohn Smith" on Other
●	Dial Number	Displays a screen where you can say a phone number to dial.
●	Dial Phone	You can directly say the number to call. e.g.) Dial 111 555 1234
●	Redial	Directly calls at the number that you last dialed.
●	Call History	Displays your Call History, where you can say the list number to make a call.

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 look it up.

Find Address 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	• Finds the address in State and sets it as the destination. e.g.) Find Address in California • To find an address, you should say “House Number → Street → City” (in order, excluding the state). e.g.) 300 (Three Zero Zero) Main Street, Almond
●	Find Address	Finds the address and sets it as the destination.
●	Find the Nearest POI	Find 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 nearest to your location. For details of Category, see “Find the Nearest Category list”. e.g.) Find the Nearest “Banks”
●	POIs Near Destination	Finds POIs near the destination. After this command, you can find the name of a location step-by-step.
●	Category Near Destination	Find Category near the destination. For details of Category, see Owner’s Manual “Find the Nearest Category list”. e.g.) “Banks” Near Destination
●	Map	Moves to the current position on the navigation map
●	Previous Points	Displays a list combining Previous Destinations, Previous Searches, and Previous Starting Points all together. You can then set a destination by saying the list number.
●	Previous Destinations	Displays a list of recent destinations that you can return to by saying the number in the list.
●	Previous Searches	Displays a list of recent searches, where you can set a destination by saying the number in the list.

Voice Recognition

Command		Operation
●	Previous Starting Points	Displays a list of recent starting points that you can return to by saying the number in the list.
●	Traffic Information	Moves to the Traffic Information menu screen.
●	Go Home	Set the destination to your home. Your home must first be set in the Navigation system.
●	Go to Office	Set the destination to your office/work. Your office/work must first be set 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 Out	Zooms out from the navigation map to the fullest.
●	Zoom All the Way In	Zooms in on 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 then 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.
●	Emergency Services	Displays a list of nearest Police Station, Hospital, Dealership, or Road Assistance. You can then set a destination by saying the list number.
●	Police Station	Displays a list of the nearest police stations. You can then set a destination by saying the list number.
●	Hospital	Displays a list of the nearest hospitals. You can then set a destination by saying the list number.
●	Dealership	Displays a list of the nearest car dealerships. You can then set a destination by saying the list number.
●	Road Assistance	Displays a list of the nearest road assistance locations. You can then set a destination by saying the list number.
●	Show Route	Displays a map overview of the entire route to your destination.

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. e.g.) FM 87.5: FM eighty seven point five
●	SiriusXM	Plays SiriusXM radio.
●	SiriusXM Channel 0 999	Tunes to SiriusXM™ Channel Channel Number according to what you say. e.g.) SiriusXM Channel 23: SiriusXM Channel twenty three
●	AM	Plays AM radio.
●	AM 530 1710	Tunes to AM Frequency according to what you say. e.g.) AM 530: AM five thirty
○	Preset 1 18	Tunes to your preset stations (1 to 18).
○	Channel 0 999	In SiriusXM™ Radio mode, turns on the Channel Number that you say.

Voice Recognition

Media Commands

ⒸCheck the following before you use media commands.

1. If no media is connected or if no playable files exist at the time when you use these commands, a voice message will tell you that this is not available.
2. If you say the name of the media that is currently playing again, then that media will continue playing.
e.g.) Saying “USB” while USB content is playing.

Command		Operation
●	Music	Continues the last media you played.
●	CD	CD Plays the content of the CD currently inserted.
●	iPod	Plays the iPod currently connected. This will work the same when an iPhone is connected. If a USB is connected, then it will be played instead of the iPod.
●	USB	Plays the music on the USB currently connected. If an iPod is connected, then the iPod will be played instead of the USB.
●	Bluetooth Audio	Plays the music on the Bluetooth phone currently connected. This may not be supported depending on the Bluetooth connection status.
●	AUX	Plays external devices that are currently connected.
●	My Music	Plays My Music files stored in the system.
●	Pandora Radio	Plays Pandora Radio that is currently connected.

1. Audio CD Command

Command		Operation
○	Play	Plays a paused track. Maintains the current settings during playback.
○	Pause	Pauses a track that is currently playing. Maintains current settings while paused during playback.
○	Track 1 99	Plays a desired track number.
○	Shuffle	Plays tracks or files randomly. Maintains current settings during shuffled playback.
○	Shuffle Off	Cancels Shuffle and plays tracks sequentially. Maintains current settings during sequential playback.
○	Repeat	Plays the current track repeatedly. Maintains the current settings during repeat playback.
○	Repeat Off	Cancels Repeat and plays multiple tracks or files. Maintains current settings during multiple track playback.

2. MP3 CD / USB Music / iPod / My Music Command

Command		Operation
☐	Play	Plays a selected file. Maintains the current settings during playback.
☐	Pause	Pauses a file that is playing. Maintains current settings while paused during playback.
☐	Shuffle	Plays tracks or files randomly. Maintains current settings during shuffled playback.
☐	Shuffle Off	Cancels Shuffle and plays tracks sequentially. Maintains current settings during sequential playback.
☐	Repeat	Plays the current track or file repeatedly. Maintains the current settings during repeat playback.
☐	Repeat Off	Cancels Repeat and plays multiple tracks or files. Maintains current settings during multiple track playback.

3. Pandora Radio command

Command		Operation
☐	Skip	Moves to the next track.
☐	Thumbs up	If you like the genre of the music currently playing, say "Thumbs up" so that more similar music will play.
☐	Thumbs down	If you don't like the music currently playing, say "Thumbs down" to minimize the number of playbacks of similar genre music.

4. Bluetooth audio / AUX command

For Bluetooth audio and external devices (AUX), local commands are unavailable, including Play, Pause, Repeat and Shuffle.

Other Commands List (Commands used in List / Help)

Command		Operation
●	Help	Moves to the voice recognition help screen. All available commands can then be identified and used.
○	Line 1 5 (One Five)	When you cannot select a certain name, such as in Call History, you can select it using numbers. Simple numbers can be recognized, such as “One” or “Two”.
○	Yes / No	When voice recognition is activated, this command is used when an answer is requested for a confirmation question.
○	Previous Page / Next 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 POI Name search results are displayed, this command is used to search manually, rather than to search with a voice command. Voice recognition stops after this command is used.
○	Go Back	Moves to the previous screen.
●	Exit	Ends the voice recognition.

How to start Siri

If you want to use Siri, you have to connect your iOS device to the Multimedia system through Bluetooth.

(Please check whether your iOS device supports Siri and turning Siri On)

Then you can use Siri while pressing and holding  key on the steering wheel.

How to use Siri

When you access the Siri screen while pressing and holding  key on the steering wheel, you can select  button and then you can speak what you want. Note that the Multimedia system only supports “Phone” related functions. Other functions will be performed in your iOS device. If you press voice key quickly, Siri would re-start. If you hold down voice key, Siri would be terminated and the screen would go back to the previous screen. Eyes-Free mode would be activated automatically while you are driving. When shifting gears into P or putting the Parking brake on, Eyes-Free mode would be deactivated automatically.



Information

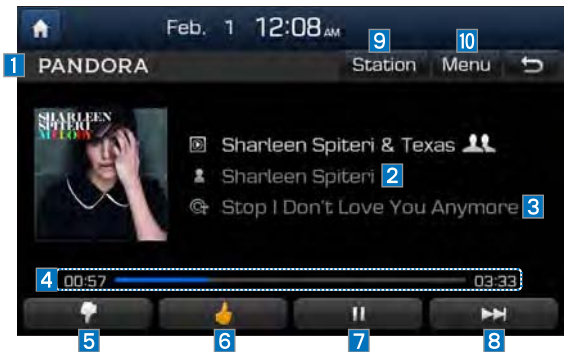
- Functions and feedbacks from voice commands via Siri are executed in the iOS device. If the iOS version is changed, the functions and response may be different according to the iOS device and the latest version.
-

Pandora Radio

To listen to Pandora Radio by connecting a smartphone, app should be installed on your phone.

From the Home screen, select All Menus then select Pandora button.

Pandora Radio Mode Screen Controls



Name	Description
1 Mode	Displays the current operating mode.
2 Station Info	Shows the station name currently playing.
3 Track Info	Shows the artist/title information current playing.
4 Play Time	Displays the current play time.
5 Thumb Down	If you don't like the music currently playing, press this button to move to the next song and to minimize the number of playbacks of similar genre music. i You can move to next song up to specific times which pandora allows
6 Thumb Up	If you like the genre of the music current playing, press this button to send a "Thumbs Up" signal to Pandora so that more similar music will play.
7 Play/Pause	Plays/pauses the current song
8 SKIP	Moves to the next track i You can move to next song up to specific times which pandora allows
9 Station	Moves to the station list screen.
10 Menu	• Bookmark Track Adds the music current playing to the bookmarks list. • Bookmark Artist Adds the artist of the music current playing to the bookmarks list. i You can view your bookmarked artists and songs 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, bookmarked artists, and bookmarked songs.

SoundHound is a music search engine. It enables users to identify music by playing or singing a song. It is also possible to search by typing the name of the artist, song, album or lyrics.

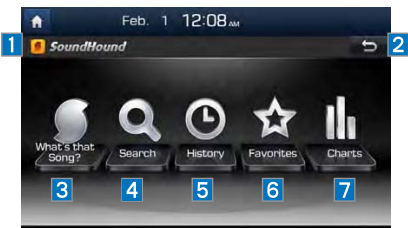
The head unit should be connected to the Internet in order to use SoundHound (ex. Wi-Fi).

Accessing SoundHound

1. From the Home screen, select All Menus then select SoundHound  button.
2. Select SoundHound  button on Radio modes (AM, FM and SiriusXM) or Media modes (CD, Bluetooth Audio, iPod, USB, My Music and AUX).



SoundHound Screen Controls



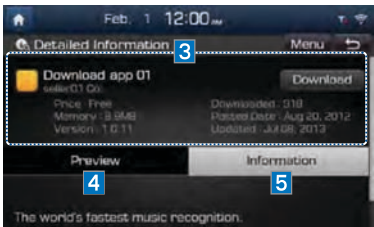
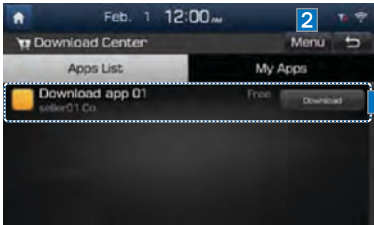
Name	Description
1 Mode	Displays the current operating mode.
2 Back button	Goes back to previous mode.
3 What's that Song?	Starts the song recognition process. After this process is complete, it goes to Song screen.
4 Search	Goes to Search screen.
5 History	Goes to History screen.
6 Favorites	Goes to Favorites screen.
7 Charts	Goes to Charts screen.

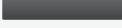
With Download Center, you can install paid/free applications or check for related information. Only BlueLink center, verified applications can be installed.

You can use Download Center after agreeing to the terms of service and use on the screen (Only 1 time for initial launch).

Apps List

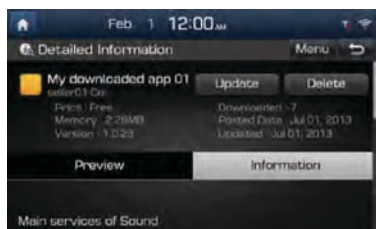
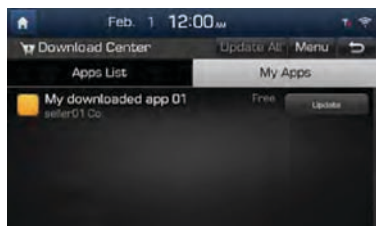
Select All Menus or My Menu from Home screen ►  and then select .



Name	Description
1 Application Download and Run buttons	Button state changes according to the application state.
	Downloads free applications.
	Downloads paid applications.
	Downloads deleted applications after previously installing them.
	Downloads the applications that failed to download due to network or system errors.
	Runs installed applications.
	Cancels any downloads and updates.
2 Menu	Updates and refreshes the menu.
	After installation, it shows applications requiring updates. The update screen shows the  button to update all applications that need updates.
	Refreshes the app list status.
3 Detailed Information	When the application list area is pressed, it moves to the Detailed Information screen.
4 	Displays application images.
5 	Displays application information.

My Apps

Select All Menus or My Menu from Home screen ► [redacted] ► followed by [redacted] and then [redacted].



The [redacted] menu displays the [redacted], [redacted], [redacted] options for downloaded applications. All functions of [redacted] are the same as those in the app list.

i Information

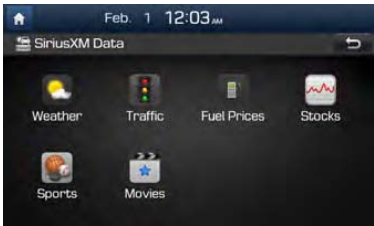
- You can update applications already running only after closing them.
 - Details on downloaded apps can be checked within the Download Center.
 - Apps available for download may vary depending on the environment.
-

The SiriusXM™ Data Service is a paid membership Satellite radio service which provides users with traffic, stock, sports, and weather information.

However, weather information is not supported for vehicles purchased in Canada.

Accessing SiriusXM™ Data

From the Home screen, select All Menus, My Menu then select SiriusXM™ Data button.



Weather Forecast

This service provides current weather information and weather forecasts for the next five days in your region. To change the region, select the  button and select the desired region.



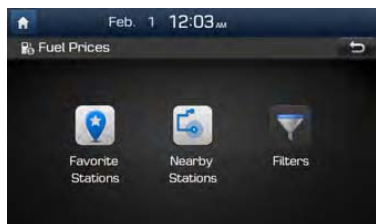
Warnings and Advisories

This service provides weather warnings and advisories, such as tornado, storm, flood, etc. as symbols on the Navigation map.



SiriusXM™ Fuel Price Information

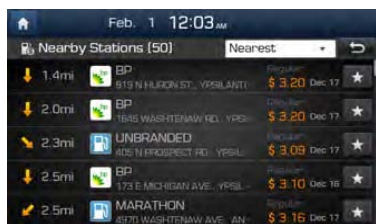
At the “SiriusXM Data” screen, select the  icon to enter the Fuel Prices Information mode.



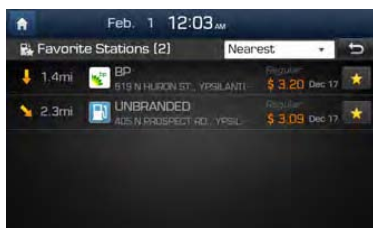
Search for Nearby Stations, and Register Key Locations as Favorite Stations.

Search for nearby stations with the “Nearby Stations” menu.

It shows station locations, starting from the nearest one, and select “Nearest” menu on the top right side to further sort them by price or brand name.



Select the  button to the right of the list to register key locations as a Favorite Station so that you can go there again with the “Favorite Stations” menu. Select the list to move to navigation destination select screen to receive guidance.



My Fuel Type Settings

With the “Filters” menu, you can select fuel types and favorite brands. When searching for Nearby Stations, the results will reflect selected fuel types and brand information.



SiriusXM™ Stock Information

In the “SiriusXM Data” screen, select the  icon to enter the Stocks mode.

Stocks is a feature that shows the current value and change of stocks. For symbols which you are interested in, select the icon to save the symbol as a part of the “Saved” symbols which can be viewed from the “My Favorites” button on the Stocks Main screen.

My Favorites

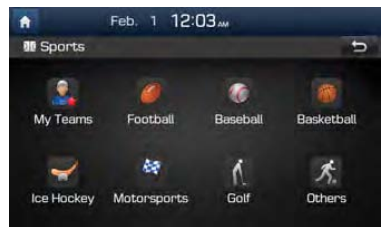
My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Select the  button to move to the stock search screen.



SiriusXM™ Sports Information

Select the  icon to enter the Sports mode.

This service provides real-time updated information on scores and schedules for major sports, such as NFL, NBA, NCAA football, NCAA basketball, NHL, MLB, NASCAR and more.

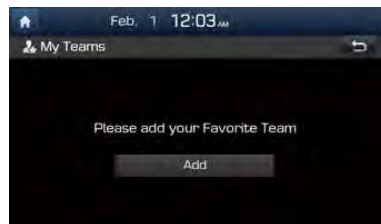


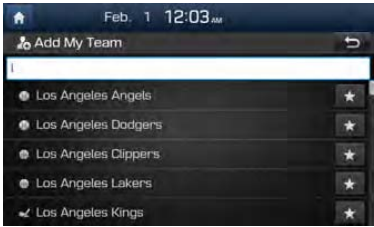
My Teams

You can save teams which you are interested in as part of My teams to easily view related scores and schedules.

Select the My Teams menu and then select the  button to search for and register your favorite teams.

Search for your favorite teams and select the  button on the right to add it to the “My Teams” list.

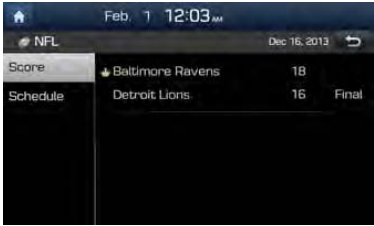




You can always check the list of teams that you added in the “My Teams” menu. Select the  button on the right side of the team name to delete the team from “My Teams” or select the  button to add other teams.



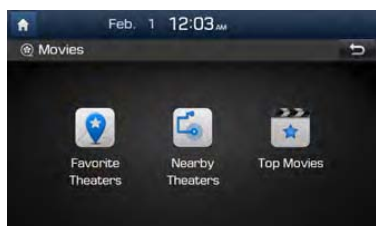
Select the team name to check daily results and recent schedules for that team.



SiriusXM™ Movie Information

Select the  icon to enter the Movie mode.

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



Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters.

In the “Nearby Theaters” menu, you can search for any nearby theaters. It shows theaters, starting from the nearest one, and selecting the “Nearest” menu at the top right side will sort them by name.



Select the  button to the right of the list to register your favorite theater so that you can always check it again using the “Favorite Theaters” menu and selecting the  button to view the current movie information for that theater.



Select from the list to move to the select navigation destination screen and receive directions.

In the “Top Movies” menu, you can check for any movies that are currently popular. Select  button to the right of a movie title to view the plot summary and any other detailed information.



What is Android Auto

You can securely access your smart-phone while driving by using this feature. Various functions on your smart phone are displayed on the multimedia system so you can easily use them (finding the direction, making a call, listening to music, etc.).

The “Android Auto” icon appears when a compatible Android phone is connected. Available functions and operations may differ depending on the phone model.

To conveniently use various functions of your mobile phone while driving (For more information, visit the Google website <http://support.google.com/androidauto>).

Precautions

- Android Auto is a registered trademark of Google Inc.
- Android Auto is unavailable if the phone OS is not Android 5.0 or higher or your phone is unrecognizable due to a shutdown caused by a failure or defect in the device itself.
- Your phone may not be recognized if its battery is low. Charge your phone then try again.
- If your phone is shut down due to a defect in the device itself, reset your phone and try again.
- If you repeatedly connect and disconnect the USB cable on the device in a short period of time, your phone may malfunction. This can also cause a device failure.
- The device recognition time may differ depending on the device type and firmware/OS version.
- Using the micro-USB cable that came with the phone is recommended. (Using a non-genuine product may cause noise or malfunction.)
- Normal operations are not guaranteed when you arbitrarily manipulate your phone while Android Auto is active.
- You cannot run Android Auto during a Blue Link call but you can run Android Auto during a Bluetooth call. (However, you cannot use audio-related features in Android Auto mode.)
- Android Auto may not operate normally due to mobile phone issues.
- Carrier charges may apply when using Android Auto.

- The following problems may occur due to issues with your phone.
 - Intermittent black screens appear when entering Android Auto.
 - Unable to differentiate between phones that support Android Auto and those that do not.
 - ※ If services do not work properly due to problems similar to the specified above, check your phone, and if necessary, reconnect your phone after restarting
- It does not support Car Voice command when Android Auto connected.
- Android auto might not function as same with Car Multimedia system.
- To function “Android voice command”, press and hold the key on the Steering wheel (0.8 secs)
- It might function irrelevantly if controls mobile phone while Android auto. Please do not use mobile phone while Android auto.
- Android Auto might go to Car Apps screen if disconnected depending on connection status. You can re-use if the device re-connected.
- Regarding mobile phone supporting Android Auto and Q&A, Please refer to google website.

Using Android Auto Features

1. Call key in the steering wheel performs phone function while Android Auto screen is displayed.
2. The Android phone OS need to be Android 5.0 or above and have the Android Auto application installed on the phone.
3. On the Home or All Menus, select the  icon.



4. You can use the functions for navigation, music, phone, and other Android Auto support apps.



NOTICE

- Before connecting your mobile phone, check whether Android Auto is set to ON in the Connectivity Settings menu.
 - After connecting the mobile phone, unlock the phone and accept the Disclaimers on the phone
 - With Android Auto connected, press the  key on the steering wheel to run the phone function of Android Auto.
 - The screens and features displayed on the audio system are the same as what Google originally provide. The screens and features are subject to change according to the policy of each individual company.
-



NOTICE

WHEN USING ANDROID AUTO

- Bluetooth media features are disabled when Android Auto is activated, you can use only phone features among all Bluetooth features. You cannot use Bluetooth Media features such as Bluetooth Audio and Pandora. Disconnect the micro-usb cable to use the Bluetooth media features.
 - Android Auto mode does not support the feature that enables you to search for music files by controlling the  TUNE knob.
 - If Android Auto is not activated even after a successful connection , check the following:
 - Phone Application status (Check if an error has occurred)
 - Check if Android Auto has been closed on your phone.
 - Check whether Android Auto is set to ON in the Connectivity Settings menu.
 - If Android Auto does not work normally even after a reconnection has been made, visit the Google website <http://support.google.com/androidauto>.
-

About Pairing Mobile Phones

I cannot pair my mobile phone, what is the cause?

Check to see that the mobile phone supports Bluetooth[®] function. Verify if Bluetooth on the cell phone is set to OFF. If so, set it to ON. If the cell phone still can't be registered, try again after turning Bluetooth off and on, or delete the device registration on the Multimedia System and cell phone and then register the cell phone again.

What is the difference between pairing a mobile phone and connecting a mobile phone?

Pairing occurs through authenticating the head unit and mobile phone. Mobile phones paired to the head unit can be connected and disconnected until the paired mobile phone is deleted from the system. Bluetooth[®] Handsfree features, such as making/answering calls or managing Contacts, are supported only in mobile phones connected with the head unit.

What is a Passkey?

A passkey is the password used to authenticate the connection between the head unit and mobile phone. The passkey only needs to be entered once when pairing the mobile phone for the first time.

The initial passkey is 0000. You can change it with

 menu options.

About Making/Answering Phone Calls

How can I answer a call?

When there is an incoming call, a notification pop-up will become displayed.

To answer the incoming call, select the  button on the screen or the  key on the steering remote controller.

To reject the call, select the  button on the screen or press the  key on the steering remote controller.

What should I do if I am talking on the Handsfree but want to switch the call to the mobile phone?

While are a call, press and hold (more than 0.8 seconds) the  key on the steering remote controller or select the  button at the bottom of the Phone screen to switch the call to your mobile phone.

About *Bluetooth* Wireless Technology/ Head Unit Use Environment

Q What is the range of my wireless connection?

A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?

A It is possible to pair up to five mobile phones.

Q Why is call quality sometimes poor?

A Check the reception sensitivity of the mobile phone when call quality becomes worsened. The call quality may deteriorate when the signal strength is low. Call quality may also worsen if metal objects, such as beverage cans, are placed near the mobile phone. Check to see if there are metal objects in the vicinity of the mobile phone. The call sound and quality may differ depending on the type of mobile phone.

Operating Navigation Screen

Basic features on the map screen.



	Name	Description
1		Move to the Home Screen
2		Change the map view mode.
3		Adjusts the volume.
4		Zoom in the map.
5		Set the zoom level automatically according to the guidance.
6		Zoom out the map.
7		Quick and easy selection of a destination and options.
8		Touch to scroll the map.

	Name	Description
9		Quick and easy selection of a destination from the map screen.
10		Set a waypoint to the current route.
11		Save frequently used address to address book.
12		Find a POI(Point Of Interest) around the current position.
13		View the vehicle's current position on the map screen.

Changing Map View



Touch the compass arrow icon to toggle between a map oriented to the North, oriented parallel to the vehicle's heading and 3D View.

Voice Guidance Volume On/Off

Select the  button to adjust the navigation volume.



Select the  button



Zoom In /Zoom Out

Zoom the map view screen in and out.

Zoom In and Zoom Out



Select  or  to set the zoom level.

Map Scale

Sets the zoom level automatically according to the type of road.



Name	Description
 Scale Fix	Manually adjust the map scale.
 Auto Scale	Change the map scale automatically depending on the type of road.

Route

Select the  button on the bottom left of the screen ► Select the  button



Select the  button to set  or .

Route Option



You can select an option from Route, Traffic Information, Freeway, Toll Roads, Ferry, HOV/Carpool Lanes, Toll Pass, or Private/Gated Roads. Select the  button to save your selection.

If there is a route already saved, another route will be searched.

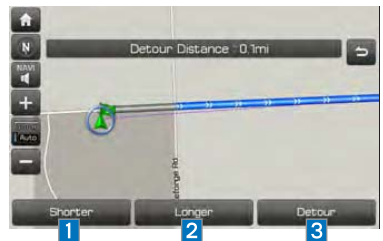
Detour



The  button is active only when there is an active route.



Selected distance is detoured from the current location.



Select the  button to select the distance ahead to avoid. (Highlighted grey indicates distance to avoid)

Name	Description
1	Reduce the length of the section to avoid.
2	Increase the length of the section to avoid.
3	Confirm detour

Map Display

Displays the direction of the map.

Press , or .



Name	Description
1	Displays always has north at the top of screen.
2	Displays always shows the vehicle's direction as proceeding towards the top of the screen.
3	Shows the map in 3 dimensions.
4	Shows or hides buildings on the map.

Name	Description
1	Set the volume to mute.
2	Turn the volume down
3	Turn the volume up
4	Slide to set the volume



Nearby POIs

Display nearby POIs on the map.

View Nearby POIs

Select the on the bottom of the left screen ► Select the button.

Navigation Volume

Select the button to adjust the navigation volume.



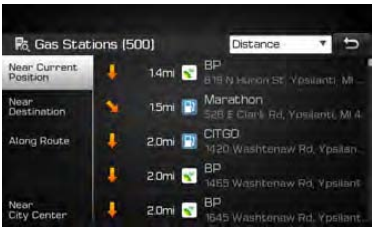
Select the button.



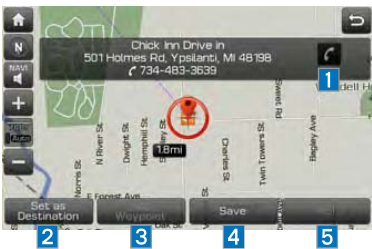
Select the , button to set whether to show nearby POIs or not. When categories are selected, they will appear on the map. (ex. Gas station)

Navigation

The lists of nearby gas station are displayed



The list can be sorted to display in order of distance or name.



Name	Description
1	Call to the selected location (Phone needs to be connected via Bluetooth)
2	Set the place as a destination.
3	Set the location as a waypoint.
4	Save the location
5	Search nearby POIs.

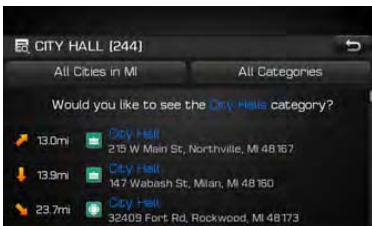
Places

You can enter POI Name, Address, or Coordinates that you wish to search by.

Press the  key. ▶ Select the  tab. ▶ Select the  search bar.



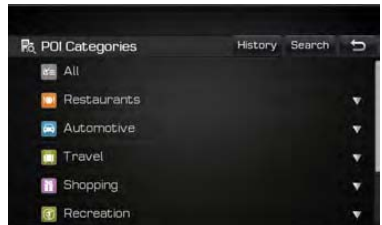
Enter the POI Name, Address and Coordinates of the location you want in the input window above, and select the  button.



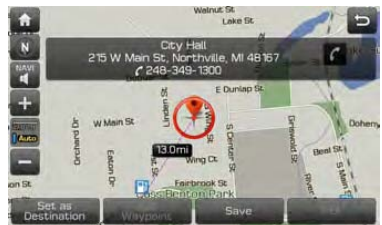
If you select a location from the search result list, it will bring you to the point.



If you select the  button on the search result screen, it will bring you to the City search screen where you can filter the search results by city names.



If you select the  button from the search result screen, it will bring you to the POI Categories screen where you can filter the search results by POI Categories.



Once the destination has been identified either by POI name, address, or coordinates, the map screen will be displayed. From this screen you can set the destination or add a waypoint, or add the displayed destination to your address book.

Address

Set destination by address search.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



How to Search Address



Name	Description
1	Select state to search
2	Enter house number. If you don't know the house number, select  button.
3	Enter the street name. Entering exact street name is required. The letters on the keyboard are automatically enabled and disabled based on the search result, and words are automatically completed. When same street names are available in other cities, the lists of city are displayed.
4	Select a city before entering the street name. Addresses are searched only from the selected city.

Search criteria can be entered in any order. Example: [State] then [City] then [Street] then [House No.]



Enter the address to check the location information on the map.

Name	Description
1	Set the location as a destination.
2	Set the location as a waypoint.
3	Save the location
4	Search nearby POIs.

Previous Destinations

Select from previously inputted addresses and POI's.

Press the  key. ► Select the  tab. ► Select the  icon.



Arrange by all, latest destinations, latest searched places and latest departing places.

Arrange in order of date and name.

Name	Description
1	Display all destinations, departing places, and searched places.
2	Display previous destination places for route guidance
3	Display previous departing places for route guidance
4	Display previously searched places for route guidance.  But, not displayed when the searched places are set as destination.

Local Search

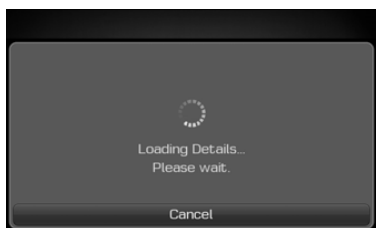
Press the  key. ► Select the  tab. ► Select the  icon.



Runs Google Local Search.



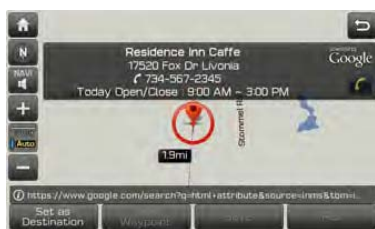
Enter the desired keywords and select the  button.



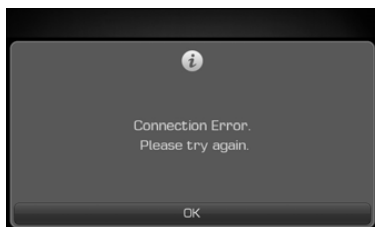
Searching is in progress.



If search successes, search results are displayed. Select one of the search result.



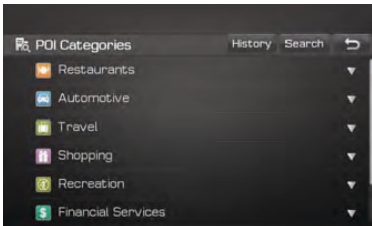
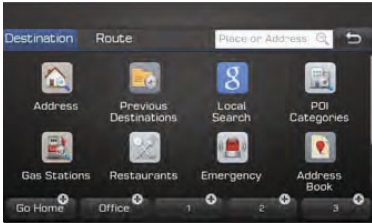
Select the  button to start guidance.



If failed, the connection error message is displayed as above. Please try again.

POI Categories

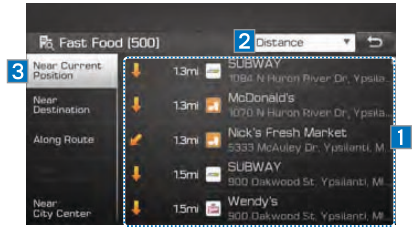
Press the  key. ► Select the  tab. ► Select the  icon.



Select the desired item.



Select the desired item in the sub-categories.

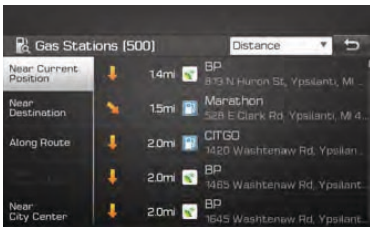
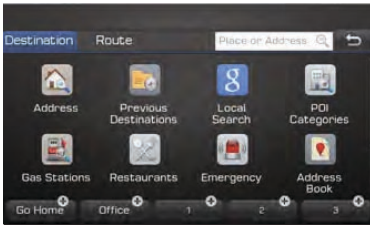


Name	Description
1	Select the desired destination among the searched items and add it as a way point.
2	Arrange in order of Distance and Name.
3	Arrange in order of Near Current Position, Near Destination, Along Route, Near Scroll Mark and Near City Center

Gas Stations

Search for gas stations.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.

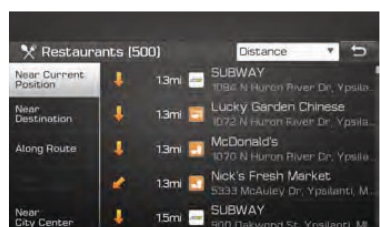
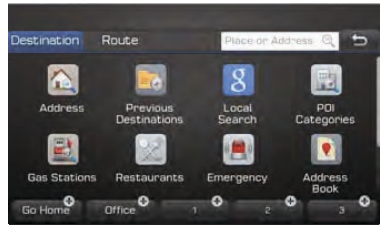


Select the desired destination among the searched items.

Restaurants

Search restaurants.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.

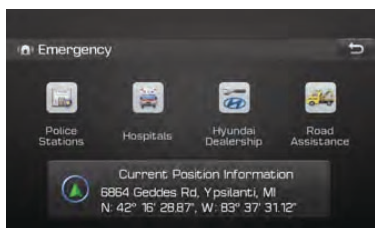
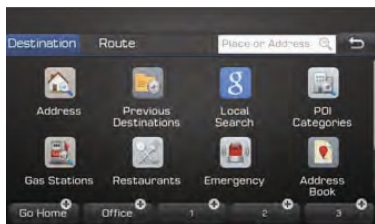


Select the desired destination among the searched items.

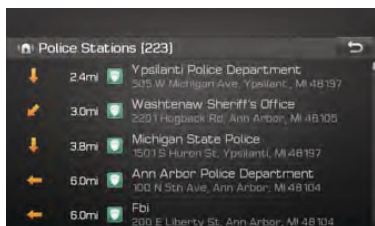
Emergency

Search emergency facilities.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



Check the current location information and select the desired item in the sub-menu(ex. Police Station).

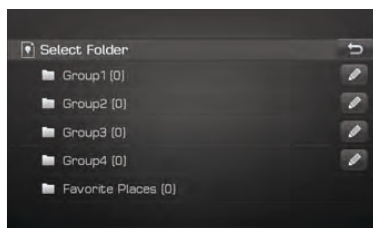
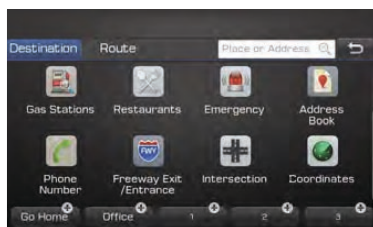


Select the desired destination among the searched items.

Address Book

Search the destination with the address book.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



Select the desired group.

If you save addresses in the Favorite Places folder, destinations can be easily set by pressing the icons such as  and  at the bottom of the Destination menu.



Name	Description
1	Select the desired destination from the searched items.
2	Edit the destination.
3	Register a new destination.
4	Delete the desired item.

Phone Number

Press the  key. ► Flick the screen in up direction to scroll to the bottom row of icons in the  tab. ► Select the  to search POI by phone number.



Search destination by phone number.



Type phone number to search. To search for a list of numbers based on a partial phone number entry, enter a few numbers and select  to narrow the search results.



Select the desired destination among the searched items.



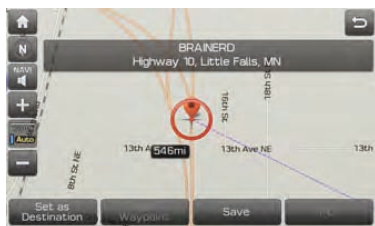
Select the  button to start guidance.

Freeway Exit / Entrance

Press the  key. ► Select the  to search by freeway exit/entrance.



Type freeway name and exit/entrance.



Select the  button to start guidance.

Intersection

Press the  key. ► Select the  to search by intersection.



Type 1st Street name, the State, 2nd Street name.



Select the  button to start guidance.

Coordinates

Press the  key. ► Select the  to search by coordinates.



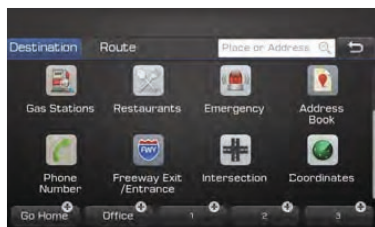
There are two ways to search by coordinates (D.M.S or Decimal degrees). After typing coordinates, select the  button to search.



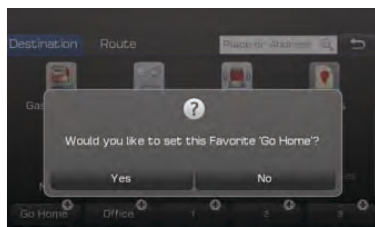
Select the  button to start guidance.

Favorite places

Set the route using your favorite places. Press the  key. ► Select the  tab. ► Select from favorite places



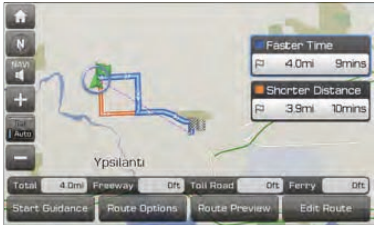
On the button where locations are not registered, the  icon is displayed. When a location is registered, the  button disappears and the buttons 1 to 3 are displayed as your favorite places.



Select the  button then select the  button to set the Favorite 'Go Home'.



Register [redacted] in various searching methods. Office, Special 1, Special 2, and Special 3 can also be set as a Favorite using the same steps.



Pressing any of the Favorite Place buttons will start the route guidance to the saved Favorite address.

Route Setting

The route can be set after searching for a destination.



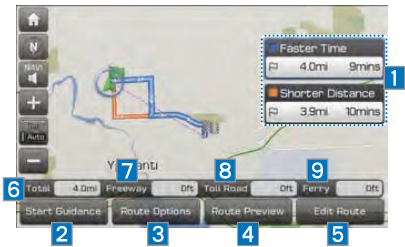
While the destination is set, the buttons **Change Destination** and **Add Waypoint** appear. Select the desired button to change a destination or add a waypoint.

Destination Setting(Change)



After searching the destination, select the **Set as Destination** button to set the location as a destination.

All Routes



When the alternative routes option is enabled in navigation setting, two routing options are displayed based on faster time and shorter distance.

Faster Time: Select time-optimized route, being the fastest roads.

Shorter Distance: Select short distance, irrespective of how fast or slow progress will be calculated.

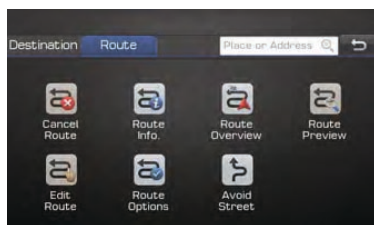
Name	Description
1	Display total distance, travel time. Select the desired route.
2	Start the guidance with the route.
3	Change the route option.
4	Preview turn-by-turn list.
5	Edit the route.
6	Display total distance of the route
7	Display length of freeway on the route
8	Display length of toll road on the route
9	Display length of Ferry route on the route

Name	Description
1	Displays the distance and direction to the first turn point.
2	Displays the distance and direction to the second turn point.
3	Displays the lane information at the current location. Display the recommended direction in white, travelable direction in white, and the non-travelable direction in grey.
4	Displays the distance to the destination and the estimated time of arrival. Press the button to check the detailed information.
5	Cancel the route.
6	Change to preliminary guidance, TBT guidance, and zoom-on guidance screens.
7	Displays the destination information.

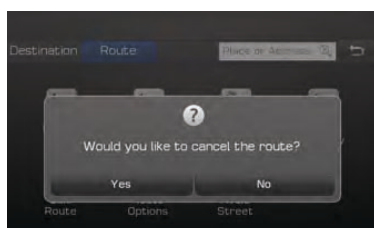
Canceling Route

Cancel the route.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



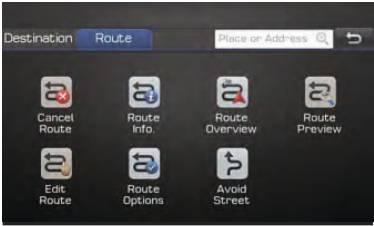
Select the  icon.



Select the  button to cancel the route.

Display Route Information

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



Select the  icon.



Check the information on the map.
Select the desired item to see the map information.

Avoiding road

Click the  button to avoid the street or road.



Check the desired item and select the  button to finish.

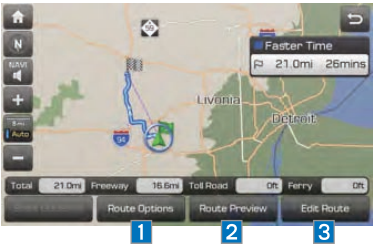
Route Overview

Check the information on route including the distance, estimated time, toll fees, etc.

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



Select the  icon.



Name	Description
1	Change the search option.
2	Preview turn-by-turn list.
3	Provide information on surrounding facilities.

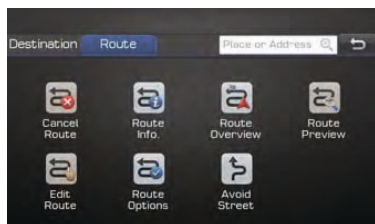
Route Preview

Check the detailed turn-by-turn list.

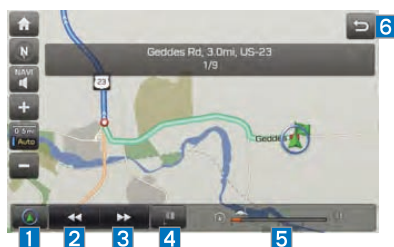
Press the **Route** key. ▶ Select the

Route Preview tab. ▶ Select the

icon.



Select the **Route Preview** icon.



Name	Description
1	Move to the departure location.
2	Move to the previous maneuver.
3	Move to the next maneuver.
4	Move to the destination location.
5	Touch bar to move to the specific position
6	Close the route preview.

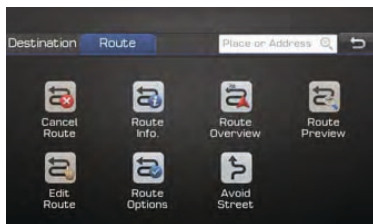
Editing Route

Edit the current route.

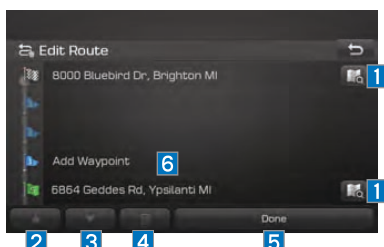
Press the **Route** key. ▶ Select the

Edit Route tab. ▶ Select the

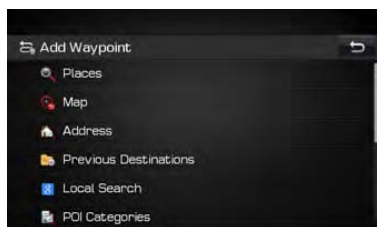
icon.



Select the **Edit Route** icon.



Name	Description
1	Display the selected point on the map screen.
2	Move the selected item up.
3	Move the selected item down.
4	Delete the selected item.
5	Press the button to finish editing.
6	Press the button to add an waypoint.



Add a waypoint through various searching methods.

Route Options

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



Select the  icon.



Determine the route options to guide the route.

Avoid Street

Search new route by avoiding the selected street(s).

Press the  key. ▶ Select the  tab. ▶ Select the  icon.



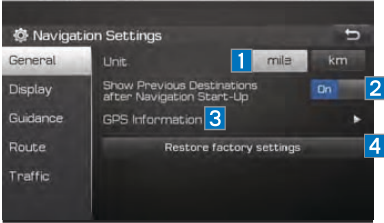
Select the  icon.



Select the  button to plan new route after selecting the street(s) that you want to avoid.

General

Change general settings.



Name	Description
1	Change the unit of , .
2	Select the , button to change the previous destination view setting when starting the navigation.
3	Check the GPS information.
4	Select the button to initialize.

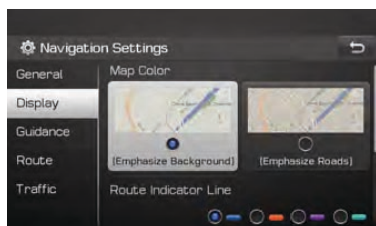


Select the to display the detail GPS satellites information

Name	Description
1	Active when current position is being calculated
2	Display current speed of the vehicle
3	Display current position of the vehicle
4	Display current elevation of the vehicle
5	Display time
6	Display date

Display

Change the display map settings.



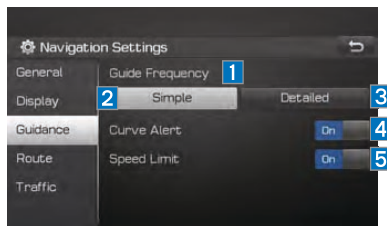
Change the map colors and the route guidance line colors.



Change the vehicle symbol.

Guidance

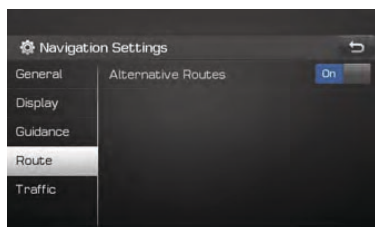
Change the guidance setting.



Name	Description
1	Set the frequency of guidance
2	Route guidance is given less frequently.
3	Guidance will be provided frequently
4	Change whether to turn Curve Alert ☐ and ☐
5	Change whether to show speed limit by pressing ☐ and ☐

Route

Change the route setting.



Select the ☐ or ☐ button to change the ☐ setting.

Alternative on: Alternative routes will be suggested (depending on the route preference between “Faster time” and “Shorter Distance”).

NOTICE

- Alternative routes can be shown only while the vehicle is not moving.

Alternative off: No alternative routes will be suggested. Guidance will start right after calculating with the route preference (Faster time or Shorter distance)

Traffic

Change the traffic information setting.



Select the ☐ or ☐ button to change the settings.

Show Traffic Information On/Off : Select whether to display traffic information or not

Traffic Event Pop-up Freeway On/Off: Select whether to display Pop-up message for traffic information on freeway

Traffic Event Pop-up Surface Road On/Off: Select whether to display Pop-up message for traffic information on surface road.

MEMO

MEMO
