3VENE10
(영어/미국)

C2MS7-B5001

AZERA | CAR MULTIMEDIA SYSTEM

CAR MULTIMEDIA SYSTEM | USER'S MANUAL

AZERA

NEW THINKING.
NEW POSSIBILITIES.

HYUNDAI

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.

here
Maps for Life

All Map Database cannot be copied without permission.

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part.1 Basic

01

Warnings and Cautions
Key Product Features
Component Names and Functions
Starting the System for the First Time

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. Such acts could lead to accidents, fire, or electric shock. Park the vehicle before operating the device.
- Do not disassemble, assemble, or modify the Multimedia system. Such acts could result in accidents, fire, or electric shock.
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, 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. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.
- Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- For most 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.)
- Some functions other than the one mentioned above cannot be used while driving. These functions operate only when the vehicle is parked.

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 use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents(alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration. 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

Component Names and Functions

Head Unit

	Name	Description
1	PWR/ VOL	• 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
2	TUNE	• FM/AM mode : changes the frequency • MEDIA (Disc/USB/iPod/My Music) mode : changes the track, file or title (except USB Image, Bluetooth Audio and AUX)
3	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted)

	Name	Description
4	RADIO	Converts to FM/AM/SiriusXM™ mode • Each time the key is pressed, the mode is changed in order of FM → AM → SiriusXM™ → FM
5	MEDIA	Converts to MEDIA mode • If the media is not connected or the CD player is not available for this model, MEDIA mode will not be activated. • Press this key to move to the last mode that you accessed in MEDIA mode. Press it again to display the screen where you can select a MEDIA mode.
6	BLUELINK	Displays the Blue Link mode
7	PHONE	Takes user to phone screen

Head Unit

	Name	Description
8	⏏	Press to insert or eject disc
9	SEEK / TRACK	When key is pressed quickly. (less than 0.8 seconds) • FM/AM mode : plays previous/next frequency • MEDIA (Disc/USB/iPod/My Music) mode : changes the track, file or title (except USB Image and AUX) When key is pressed and held. (more than 0.8 seconds) • FM/AM mode : continuously changes the frequency until the key is released • MEDIA (Disc/USB/iPod/My Music) mode : rewinds or fast forwards the track or file (except USB Image, Bluetooth Audio and AUX)
10	MAP	SD card insert slot

	Name	Description
11	MAP / VOICE	Displays the map for the current position
12	NAVI	Takes you to the menu screen where you can find your destination and set the route.
13	INFO	Displays the Info mode screen
14	SETUP	Displays the Setup mode screen.

Steering Wheel Control

	Name	Description
1	+ / −	Controls the volume
2	MODE	• Each time this key is pressed, mode is changed in the order FM → AM → SiriusXM™ → Disc → USB Music or iPod → AUX → Bluetooth Audio → My Music • If the media is not connected, the corresponding modes will be disabled • Press and hold the key (more than 0.8 seconds) to turn the Audio system on/off • When power is off, press the key to turn power back on
3	MUTE	The sound stops playing. Press again to unmute.
4	∧ / ∨	When keys are 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 keys are 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)

Steering Wheel Control

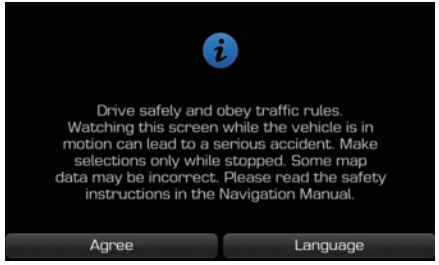
	Name	Description
5		When pressed quickly. (less than 0.8 seconds) • Activates voice recognition When pressed and held. (more than 0.8 seconds) • Ends voice recognition • Activates Siri Eyes Free
6		When pressed quickly. (less than 1.2 seconds) • When pressed in the dial screen, makes a call • When pressed 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.

Starting the System for the First Time

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 agreement screen. To change the system language between English, French, Spanish and Korean press the Change Language button.

NOTICE

- 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 RESET key for a second or longer. (It is recommended that you press the RESET 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

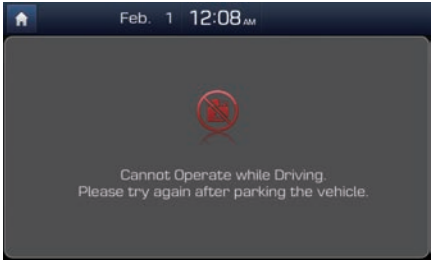
Always use the system while the car engine is running. If you turn on the system while the engine is off, a battery warning message will appear. When the engine starts, the message will disappear.

NOTICE

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

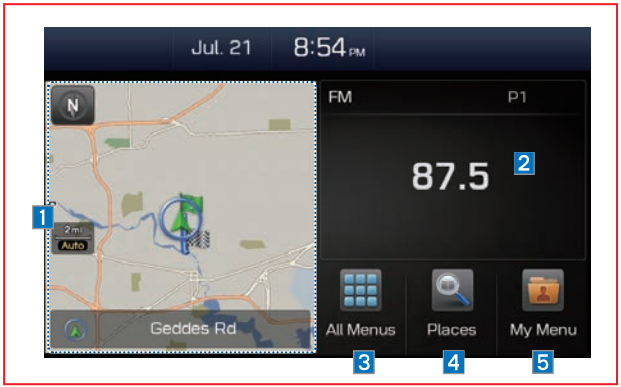
Restrictions on Features for Safety Measures

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



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.
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.

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

Information

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

Adding Your Favorite Menu Items to My Menu

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

From the My Menu Settings 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, draft item from the left and drop them on the right.

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

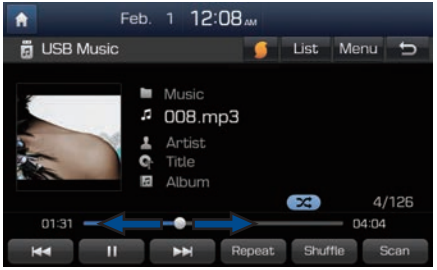
Tap lightly on a menu or an item to select it.

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.

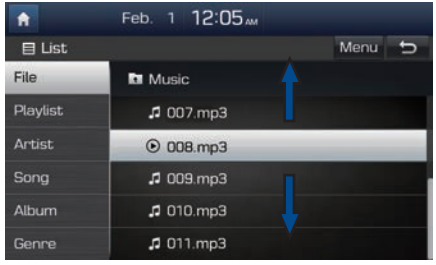
Information

- 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 My Menu Settings screen, drag and drop icons to add, delete, or move to/ from My Menu.

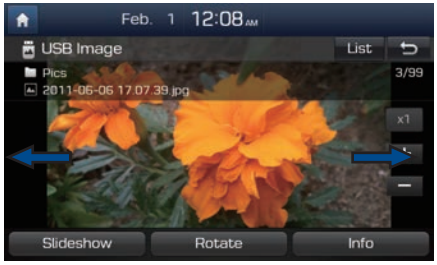
Flick (Quick Scrolling)



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

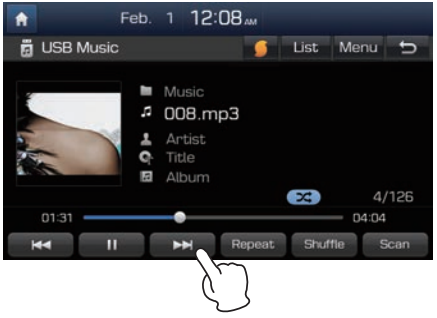


You can view the previous or next image by flicking left/right on an image on the USB Image screen.

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.



02

part.2 AV

FM/AM
HD Radio™ Technology
SiriusXM™
Media
About Disc
CD
MP3
USB
iPod
AUX
Bluetooth® Audio
My Music

FM/AM

Accessing FM/AM Mode

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

Information

- If you press the RADIO hard key when the power is off, then the power will turn on and a radio broadcast will be tuned up.
- 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 current operating mode • If select wanted mode tap, it will change to selected mode in Radio.
2 Preset	• Shows saved presets for user selection • After selecting frequency → press and hold (over 0.8 seconds) the preset button. 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 ON Text On button is displayed (Text off state), information will not be displayed even if there is information being transmitted from the broadcast station. • If the Off Text Off button is displayed (Text on state), 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 secodes 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 detailed feature, please refer to SoundHound section in Info part.
12 SEEK/TRACK	• Pressing this button briefly (less than 0.8 seconds) : Seeks the previous/next frequency. • Pressing and holding this button (longer 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 TUNE 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.

Information

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

Basic Mode Screen (HD Radio™ reception ON)

Name	Description
1 HD Radio™ Reception &Channel buttons	Displays main HD Radio™ channels and used to directly select the current available channels *i* As HD Radio™ reception is included within Radio mode, the methods of moving between channels, saving presets, searching, or methods of searching frequencies are identical. However, while the HD Radio™ related icon display will become active when within regions where an HD Radio™ signal can be received.
2 HD Channel Number	HD Channel number saved in preset
3 Broadcast Info	Displays detailed information about the current broadcast
4 HD Radio	Used to set whether to turn HD Radio™ reception On/Off.

SiriusXM™

SiriusXM™ Mode Hard Key Controls

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

i Information

- If you press the RADIO hard key when the power is off, then the power will turn on and a radio broadcast will be tuned up.
- 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.

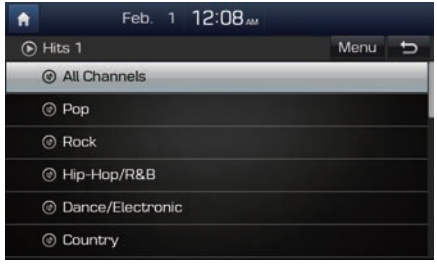
SiriusXM™ Mode Display Controls

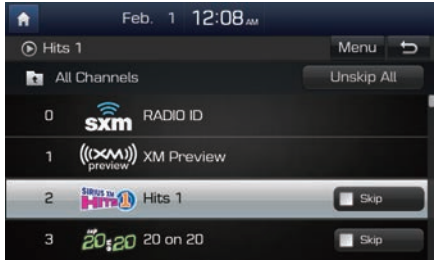
Features	Description
1 Mode Display	Displays current operating mode. If you press FM, AM or SiriusXM, mode will change to selected one in Radio
2 Preset	Shows saved presets for user selection After selecting frequency → press and hold (over 0.8 seconds) the preset button. A 'beep' will sound and the frequency is saved to the selected preset button. ⓘ 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	It will change to listening 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 longer 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 detailed feature, please refer to SoundHound section in Info part.
18 SEEK/TRACK	When key is pressed quickly.(under 0.8 seconds) Plays the previous/next channel When key is pressed and held.(over 0.8 seconds) Continuously changes the channel until the key is released and plays the current channel
19 TUNE	Changes the channel

Selecting through Channel/Category List

Press the List ▶ Select the desired category and channel.

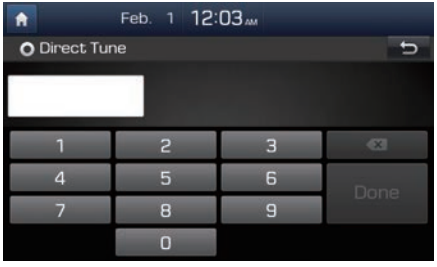




Select the desired category and the channel. Once selected, the previous screen will be restored and the selected channel will begin playing.

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.

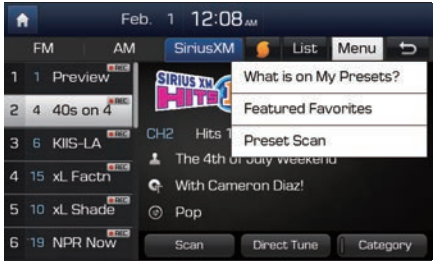
Direct Tune



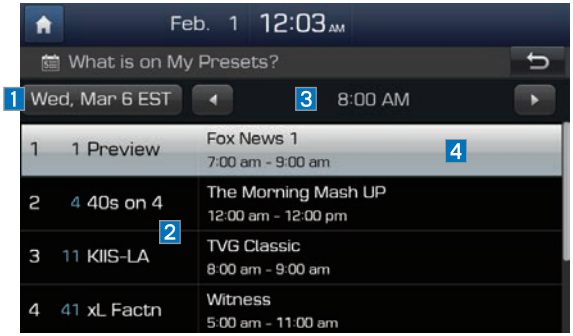
Enter the number of the channel you want to receive.

Viewing Menu

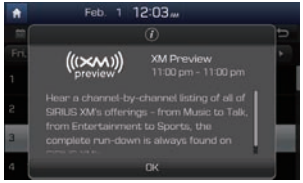
Using the Menu button on the right, you can view the program schedule and information about the Featured Favorites provided by SiriusXM™ .



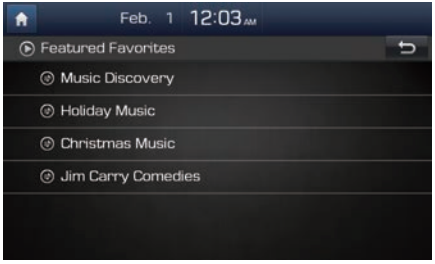
What's on My Preset? (Program Schedule)



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

	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 broadcasted 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

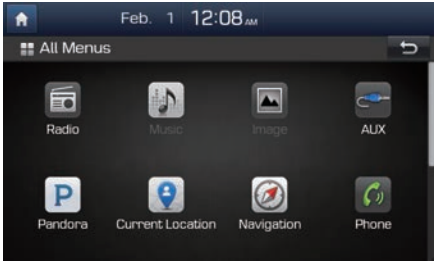
- Example 1 : "Martha's Favorites" may represent Martha Stuart's favorites pre-sets on her radio
- Example 2 : During holidays, "Holiday Music" may represent all the SiriusXM™ channels that are playing the holiday music for easy access by users

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

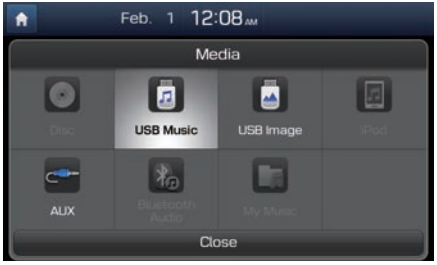
Media

Starting Mode

1. From All Menus, select an icon you want from “Music, Image, AUX” to enter the last mode you used.



2. You can enter the Media mode that you recently used by pressing the Media hard key while in another mode.
3. To go to a different mode after you enter Media mode, press Media and choose the one you want.



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 fiber-optic lens due to rain, wet conditions, or upon operating the heating system. In such cases, discs may not be properly recognized. Remove the disc and wait until the moisture dries.
- 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 (Single, SACD layer)	X
	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-R/RW 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.

PC-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 Playing an MP3 Disc

Supported MP3 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

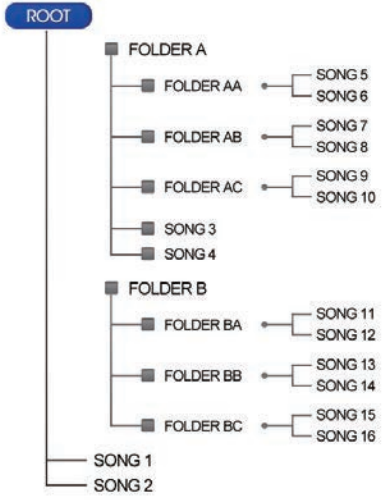
- Maximum directory layers : 8 layers.
- Maximum folder length : 64 bytes, file name length: 64 bytes.
- Supported characters for folder name/file name: 2350 characters for Alphanumeric character and Korean character sets, 4888 characters for Simplified Chinese character set.
- Maximum number of folders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

Precautions upon Burning MP3 Files

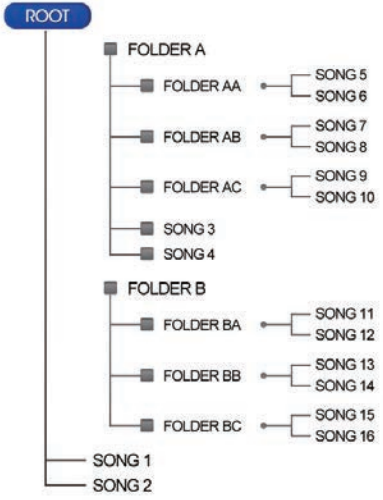
- The use of ISO 9660 LEVEL 2 JOLIET format is recommended.
- Up to 32 characters in Korean/Chinese are supported for file names and up to 20 characters in Korean/Chinese are supported for folder names.
- The use of CDs exceeding 700MB may result in faulty disc recognition or errors upon play.

MP3 File Structure

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



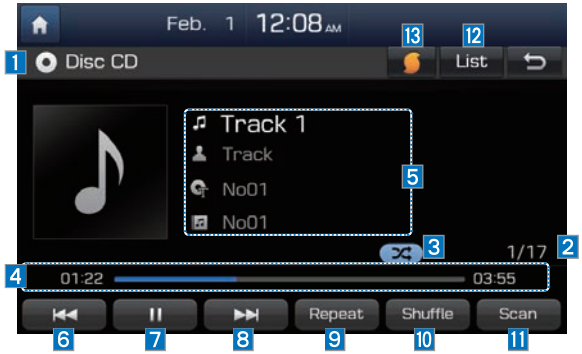
Folder structure as saved in CD-ROM



Folder structure as saved in the system

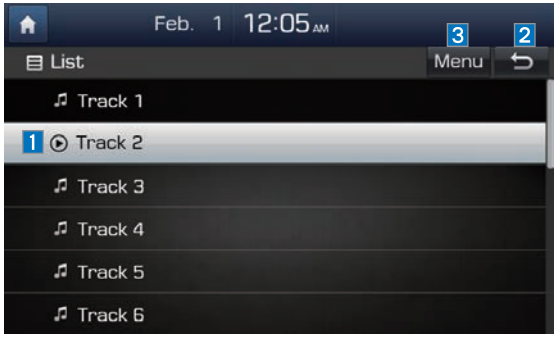
CD

Basic Mode Screen



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 Press the Repeat button to switch between repeating the current track → and turning repeat off
10 Shuffle	Plays disc tracks in random order Press 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) Press 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 detailed feature, please refer to SoundHound section in Info part.

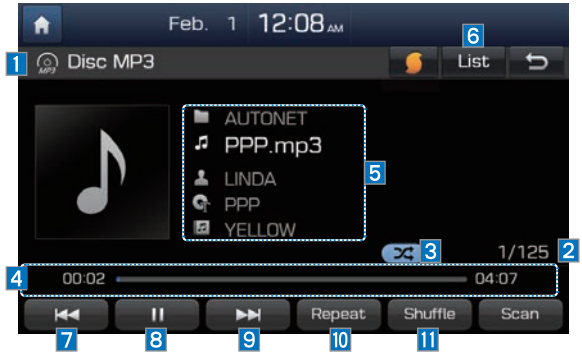
Name	Description
14 SEEK/TRACK	• If button is pressed quickly (less than 0.8 seconds), it moves to previous or next track • If button is pressed and held (over than 0.8 seconds), it rewinds or fast-forward the track *i* When pressed for 5 seconds, it will rewind or fast-forward the track at 4x speed.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



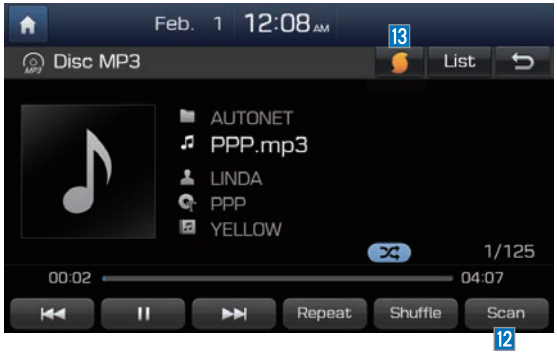
Name	Description
1 Current Track	Displays current playing track name
2 Back Button	Converts to basic mode screen
3 Menu	When moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
4 SEEK/TRACK	• If button is pressed (less than 0.8 seconds): Plays previous/next track • If button is pressed (over 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.

MP3

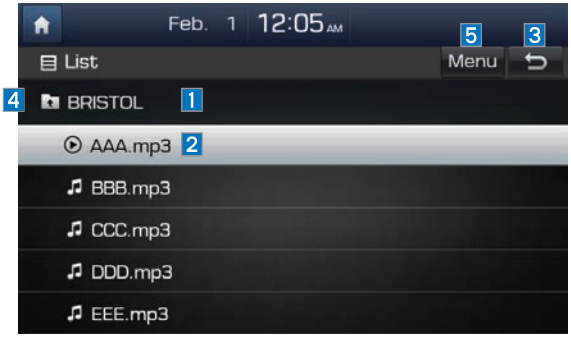
Basic Mode Screen



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 over 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 Press 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 Press 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.



Name	Description
12 Scan	Scans the beginning parts of MP3 files (approx. 10 seconds per file) Press the Scan 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 detailed feature, please refer to SoundHound section in Info part.
14 SEEK/TRACK	• If button is pressed (less than 0.8 seconds): Plays previous/next track • If button is pressed (over than 0.8 seconds): Moves to play screen, and then it will rewind or fast-forward the track.
15 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track. i If the TUNE 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 (over 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 Playing a USB MP3

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 is in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- This device recognizes USB devices formatted in FAT 12/16/32 file formats. This device does not recognize files in NTFS file format.
- 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.

- 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.
- Upon playing iPods, please use a dedicated iPod car cable.
- Normal operations 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.

Plug Type Connector

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

Information

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

USB MP3 Information and Precautions

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

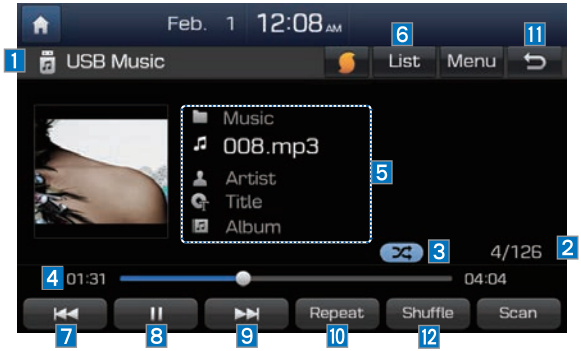
Information

- 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 Specifications

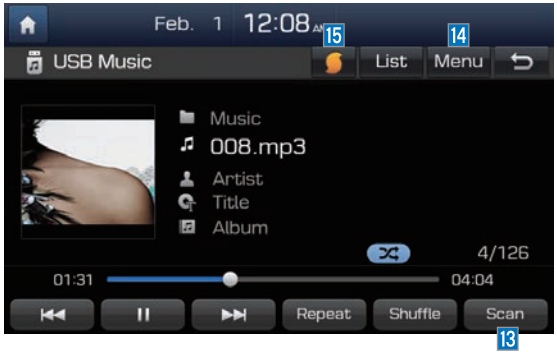
Name	Description
Image format	JPG, GIF, BMP, PNG (animated GIF, etc. are not supported)
Supported image resolution	5M pixels for JPG, BMP, PNG (1M pixels maximum for GIF)
Supported image file size	5M pixels for JPG, BMP, PNG (1M pixels maximum for GIF)

USB Music

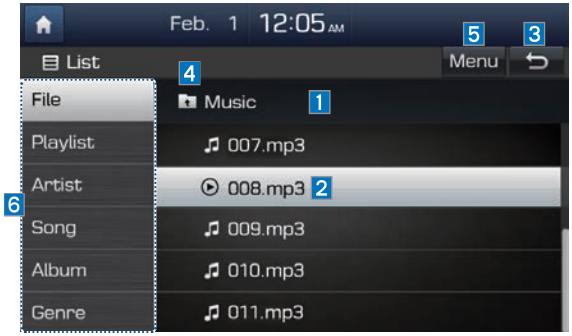


Features	Description
1 Mode	Displays current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/ Shuffle/Scan	From Repeat/Shuffle/Scan, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the information 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 over than 3 seconds, play the current file from the beginning If button is pressed (over 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 (over 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 : Press 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 : Press 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 : Press 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 : Press the Shuffle button to switch between Shuffle Category and turning shuffle off



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 : Press the Scan 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 : Press the Scan button to switch between Scan category and turning scan off
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 detailed feature, please refer to SoundHound section in Info part.
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 over than 3 seconds, play the current file from the beginning If button is pressed (over than 0.8 seconds) it will rewind/fast-forward the track
17 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track.

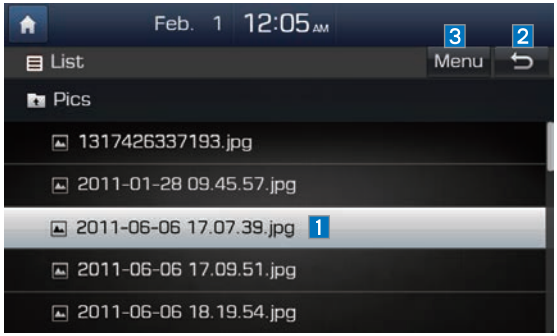


Features	Description
1 Folder/ Category Name	Displays folder/category name in the list
2 Current Song	Displays current playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder/ Category	Moves to Upper Folder

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 over than 3 seconds, play the current file from the beginning If button is pressed (over 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 ● TUNE knob to move the focus to the previous/next list. If the desired track is displayed, press ● TUNE knob to play the track.

USB Image

Features	Description
1 Mode	Displays 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 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). If a desired track is displayed, press the knob to move to the track.

iPod

Using iPod Devices

- 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 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.)

- 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 AVN 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 AVN iPod mode.

Caution

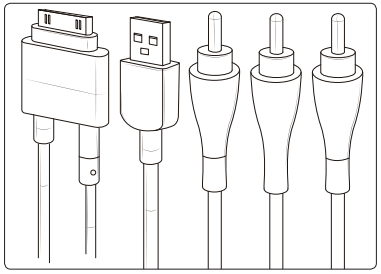
- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changed some functions in the device.
- When calling with an iPhone connection, song may stop playing due to an Apple device feature. If sound does not resume after the call is terminated, check the device status.
- 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, it may occur difference of playing songs between the Multimedia system and 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 when the play time is less than 3s before 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.

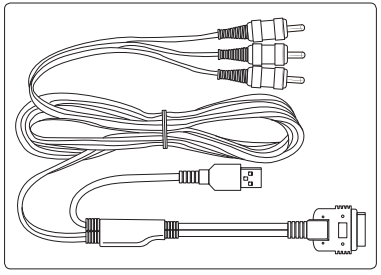
Type	1G	2G	3G	4G	5G	6G	6.5G	7G
iPod Mini	Not Supported							
iPod Shuffle	Not Supported							
iPod Nano	○	○	○	○	○	○	Not released	○
iPod Touch	○ (iOS 1.1 not supported)	○	○	○	○	Not released		
iPad	○ (Unable to charge, Not verified, Normal working not guaranteed)							
iPad Mini	○ (Unable to charge,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

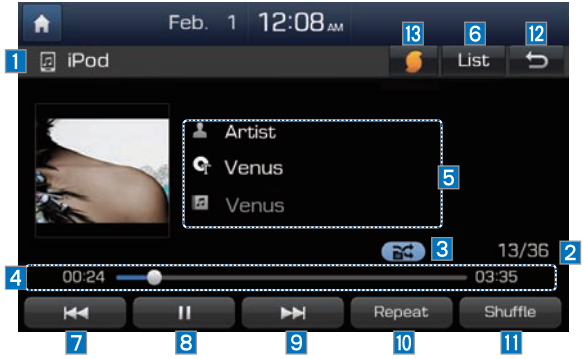
Caution

- If the iPhone/iPod Touch supports Bluetooth, it is unable to use Bluetooth Audio if the Apple device that is connected to the Multimedia system through both USB connection and 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.





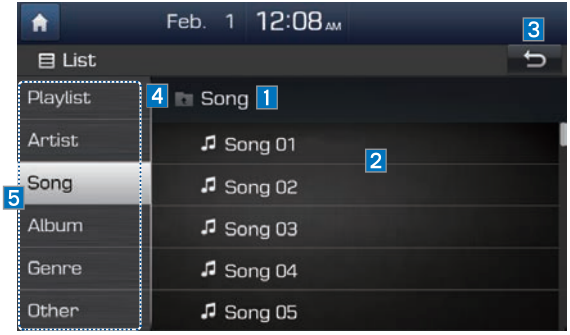
iPod

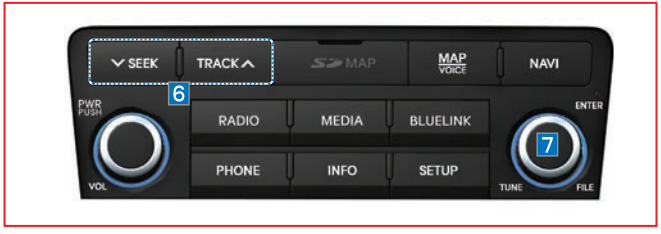


Features	Description
1 Mode	Displays current operating mode
2 Song Index	Shows the current song/total songs
3 Repeat/Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/song title/album info
6 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 over than 3 seconds, play the current file from the beginning If button is pressed (over 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 (over than 0.8 seconds), it does fast-forward the track.
10 Repeat	Repeats the current file Press 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 detailed feature, please refer to SoundHound section in Info part.

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 over than 3 seconds, plays the current file from the beginning If button is pressed (over than 0.8 seconds) it will rewind/fast-forward the track
15 TUNE	Turn the ● TUNE knob to search a desired track. If the desired track is displayed, press the ● TUNE knob to play the track. *i* If the ● TUNE knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.





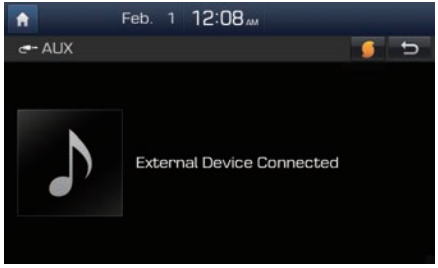
Features	Description
1 Category Name	Displays the category name
2 Category List	Displays the contents of selected category i If there are many items in the list, items are added in order and the scroll bar on the right is adjusted accordingly.
3 Back Button	Converts to basic mode screen
4 Upper Folder	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 over than 3 seconds, plays the current file from the beginning If button is pressed (over than 0.8 seconds) it will rewind/fast-forward the track.
7 TUNE	Turn the ● TUNE knob to search a desired track. If the desired track is displayed, press the ● TUNE knob to play the track. If you do not anything with the knob for 5 seconds, the ● TUNE 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.



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.

Bluetooth® Audio

Bluetooth Audio Mode

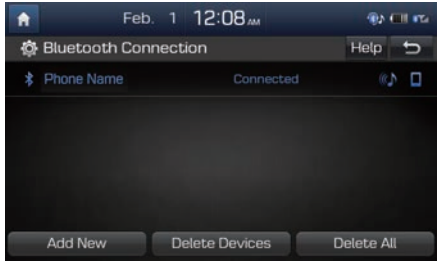
Features	Description
1 Mode	Displays current operating mode
2 Phone Name	Displays name of connected phone
3 Artist Info	Name of current artist
4 Title	Name of current song
5 Previous File	• If play time is less than 3 seconds, moves to the previous file • If play time is over than 3 seconds, plays the current file from the beginning i 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 detailed feature, please refer to SoundHound section in Info part.
10 SEEK/TRACK	Plays the previous/next file
11 TUNE	TUNE is not supported.

Information

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

Bluetooth Connections Settings

Settings for pairing, connection and disconnection of a Bluetooth device

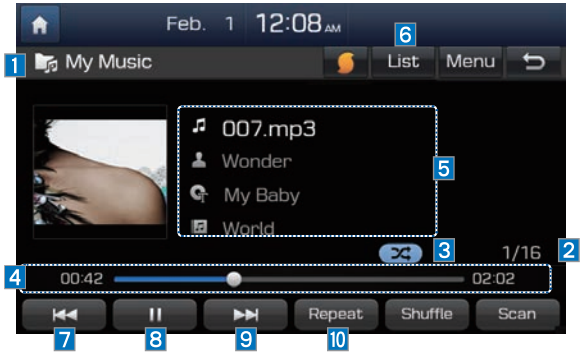


- In Bluetooth Audio play screen, Select Connections
- Select SETUP key in the head unit. ▶ Select Phone. ▶ Select Bluetooth connection

Information

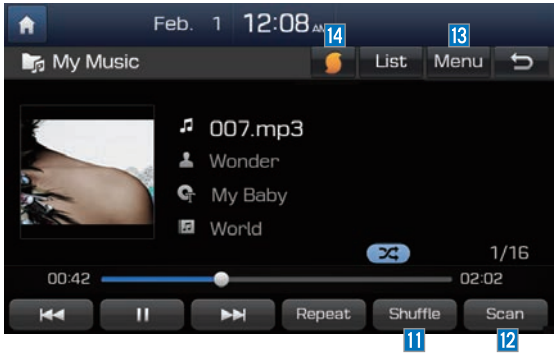
- If the music in the mobile phone is not played after changing to audio streaming mode, press the play button. Thus check if the music is playing in the Bluetooth device after changing to audio streaming mode. Audio streaming may not be supported for some mobile phones.
- Please check the Bluetooth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

My Music



Features	Description
1 Mode	Displays 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 over than 3 seconds, play the current file from the beginning If button is pressed (over 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 (over 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 : Press 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 : Press 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 : Press the Shuffle 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 : Press the Shuffle 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 : Press the Scan 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 : Press the Scan 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 detailed feature, please refer to SoundHound section in Info part.
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 over than 3 seconds, plays the current file from the beginning If button is pressed (over than 0.8 seconds) it will rewind/fast-forward the track
16 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track. If the TUNE 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 Category List	Displays 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 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 over than 3 seconds, plays the current file from the beginning If button is pressed (over than 0.8 seconds) it will rewind/fast-forward the track
7 TUNE	Turn the ● TUNE knob to move the focus to previous/next file. If the file you want to play is displayed, press ● TUNE knob to play the track. i If the ● TUNE 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

Before Using the Bluetooth® Handsfree

What is *Bluetooth®* Wireless Technology?

- *Bluetooth®* Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, *Bluetooth®* Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the 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

Precautions for Safe Driving

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

CAUTIONS upon Connecting Bluetooth® Phone

- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth® features
- 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 OFF/ON and try again.
  2. Turn the mobile phone power OFF/ ON and try again.
  3. Completely remove the mobile phone battery, reboot, and then again.
  4. 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.
- When downloading contacts, is not functioning and is not described within this user's manual it may be related with the mobile device. When that occurs, inquire within the mobile phone manufacturer.

Bluetooth Connection

Pairing a New Device

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

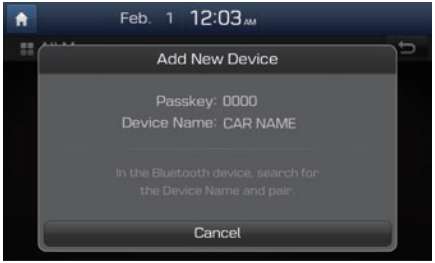
Up to 5 Bluetooth devices can be paired. Only one Bluetooth device can be connected at a time.

Pairing a New Device by Selecting Phone/Call

Select PHONE key in the head unit or key in the steering wheel remote control. ▶ Select Yes . ▶ 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

Select SETUP key in the head unit. ▶ 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 device name above is an example. Check the actual information on the product.

Connecting Bluetooth Devices

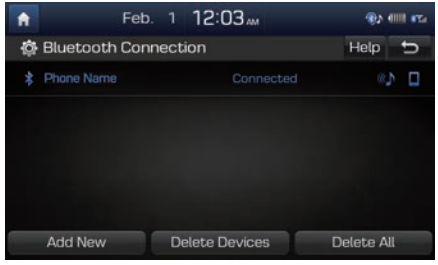
Connects the Bluetooth devices that you add.

Connecting Devices by Selecting Phone/Call

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

Connecting Devices Through the Phone Settings

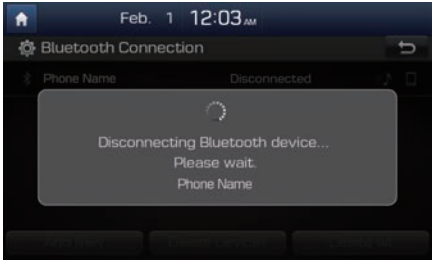
Select SETUP key in the head unit. ▶ Select Phone. ▶ Select Bluetooth Connection. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.



Disconnecting Bluetooth Devices

Disconnects Bluetooth devices that are connected.

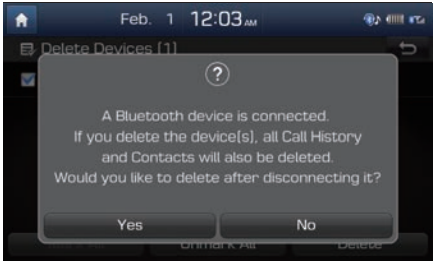
Select SETUP key in the head unit. ▶ Select Phone. ▶ Select Bluetooth Connection. ▶ Select the name of the device to disconnect.



Deleting Bluetooth Devices

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.

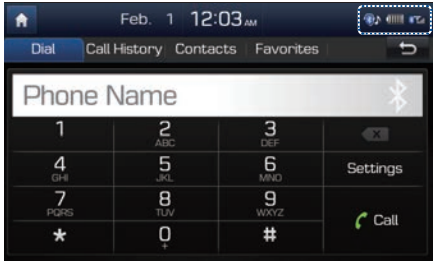
Select SETUP key in the head unit. ▶ Select Phone. ▶ Select Bluetooth Connection. ▶ Select Delete Devices. ▶ Select the device name to delete. ▶ Select Delete.



Bluetooth Phone

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

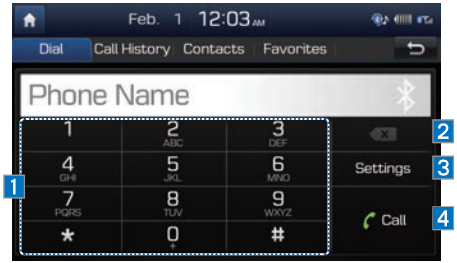
Information

- 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

Dial

Dials a call after the Bluetooth devices are connected.

- Select PHONE key in the head unit or key in the steering wheel remote control.
- You can also select All Menus from the full screen display ▶ Phone.

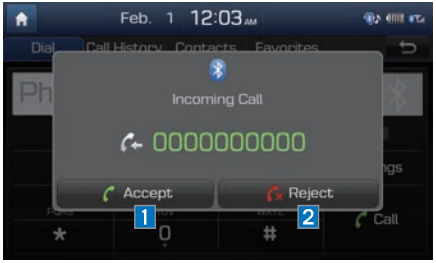


Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Press and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone
2 Delete	Delete the numbers that you entered.
3 Settings	Moves to a screen of Phone Settings.
4 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.

Information

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

Accept/Reject Call



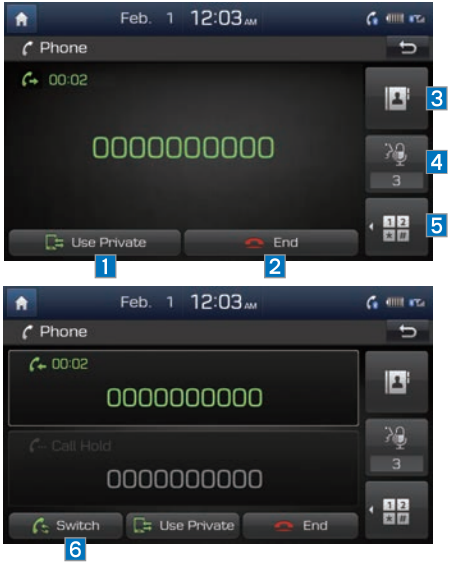
If there is an incoming call after you made a Bluetooth connection, a popup message will appear.

Name	Description
1 Accept	Answers the call.
2 Reject	Ignores the call.

Information

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

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.

Information

- If the caller's number is listed in Contacts, the caller's name will be displayed. Otherwise, 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 Audio Video and Settings. You can switch to in-call volume control and navigation modes only.
- 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, adjust the mic volume.

Call History

Select PHONE key in the head unit ▶ and then Call History .

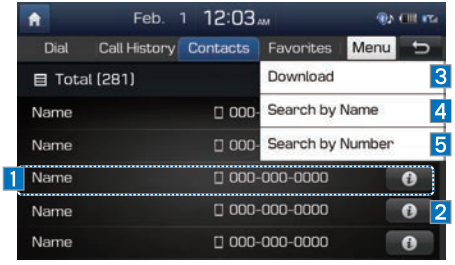
Name	Description
1 All	Lists the all call history.
2 Dialed	Lists the calls that you made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls you missed.
5 Call History	Displays all of your call history. Select from the list to dial the number.
6 Information	Displays the details 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.

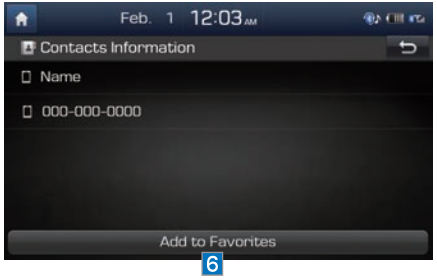
Information

- 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 Dialed Calls/Received Calls/Missed Calls list.
- The durations of each dialed/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 with 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 downloading. Check if your Bluetooth device supports downloading. For details regarding Bluetooth-supported devices and their functional compatibility, visit https://www.hyundaiusa.com/bluetooth

Contacts

Select PHONE key in the head unit ▶ 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.

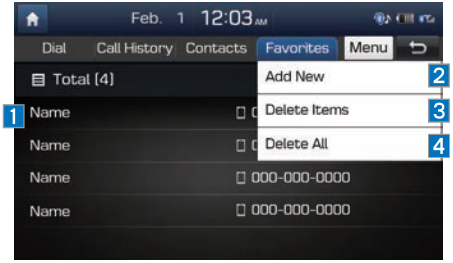
Information

- 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 ( ) 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 downloading. For Bluetooth supporting devices details and compatibility, visit https://www.hyundaiusa.com/bluetooth

Favorites

Select PHONE key in the head unit ▶ 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

04

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

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.

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 informatics, 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.
It is recommended that you use the Blue Link system when the antenna icon ( ) shows four bars or more.

Places where Blue Link may be disrupted depending on the transmission/reception status:

- Inside tunnels
- Mountainous areas or dense forest
- Roads close to cliff edges
- Densely built-up areas
- On highways or roads underneath higher interchange roads
- Inside buildings

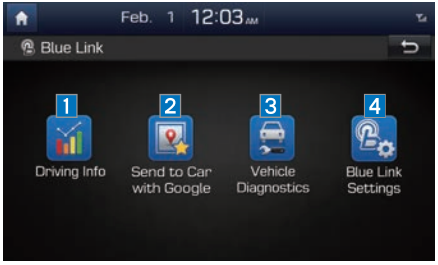
Getting Started with Blue Link

Use Blue Link features such as Driving Info and Vehicle Diagnostics. Blue Link features can be used after activating the service.

Information

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

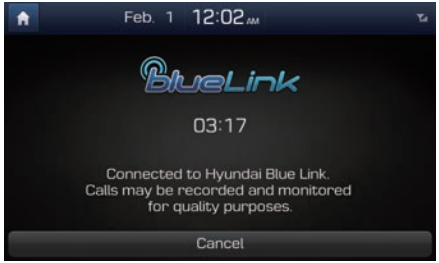
Select the BLUELINK key in the head unit.



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

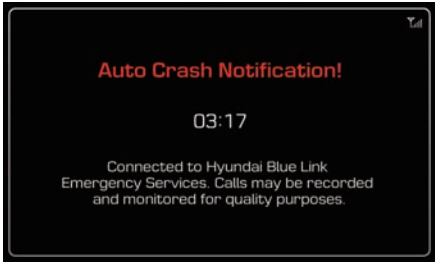
Press the key in the rear-view mirror to connect with the Blue Link center.



Blue Link® Safety and Security Service

Auto Crash Notification

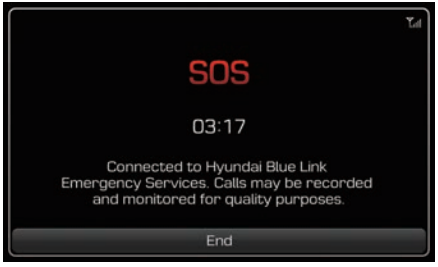
Provides immediate assistance when an accident occurs and an airbag is deployed. In this event, an ACN signal, containing customer and location information, will automatically be transmitted to the response center. Upon receipt of the signal, a response specialist will attempt to establish voice communications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



SOS

Customers request emergency Blue Link emergence 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 advised assistance has arrived.



Stolen Vehicle Recovery

In the event a customer's vehicle is reported stolen (and a stolen vehicle report has been filed with the appropriate police department), the response center can provide assistance to the police in an attempt to recover the vehicle.

Vehicle Slowdown

Used with Stolen Vehicle Recovery, this enables law enforcement to gradually reduce the engine power of the vehicle, thus slowing it down to safe levels. A warning shall be transmitted to the driver prior to the slowdown procedure.

Vehicle Immobilization

Used with Stolen Vehicle Recovery, this enables law enforcement to send a signal to the vehicle which immobilizes the engine management system, thus preventing startup. This capability is only valid when the ignition is off, but can be saved for later immobilization if the vehicle is on or in motion at the time of signal transmission.

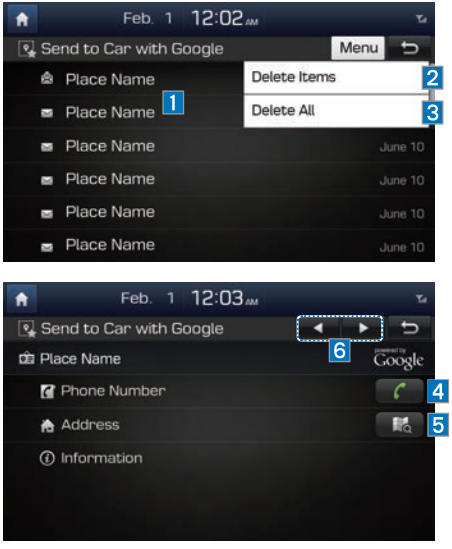
Driving Info

Select the BLUELINK key in the head unit ▶
Select Driving Info

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

Select the BLUELINK key in the head unit ▶
Select Send to Car with Google

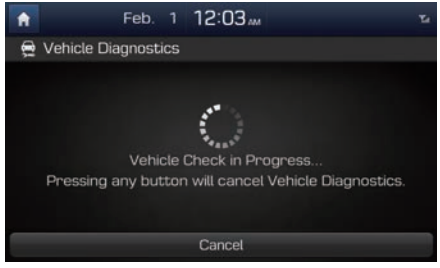


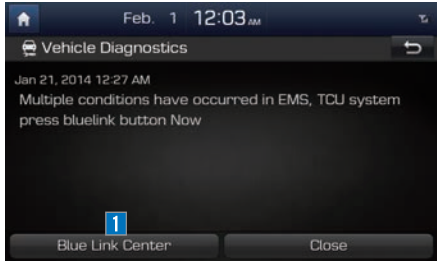
Name	Description
1 Place list	Displays the list of received places
2 Delete Items	Deletes selected items from the place list.
3 Delete All	Deletes all items from the place list.
4 Dial	Displays the phone number of a selected place. Press the number to make a call.
5 View Map	Displays the address of a 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

Select the BLUELINK key in the head unit ▶ Select Vehicle Diagnostics





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?

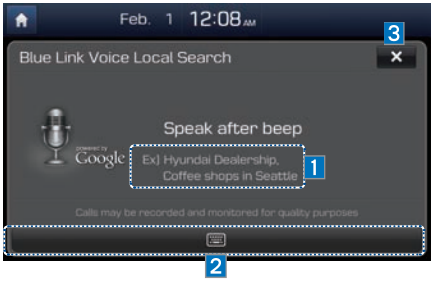
With Blue Link network service, you can search for Google-provided place names with your voice.

Separated from Voice Recognition in the steering wheel, it specializes in place name searches and may be run with a key in the rear-view mirror.

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

Starting Blue Link Voice Local Search

Press 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. i With Blue Link Voice Local Search, press the key in the rear-view mirror again to end the service.

06

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?

Voice recognition technology runs the system as ordered by recognizing your voice command for operation of the multimedia while you are driving the car.

Regretfully, 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.
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 (over 0.8 seconds) the key on the steering wheel control to end voice recognition.

Quick Run of Voice Recognition (Manual Mode)

Usually, you are supposed to say a command to execute the desired operation after the voice guidance.However, it takes a little time to wait for the voice guidance. If you would like to activate the desired operation more quickly, you can just touch the commands displayed on the screen.

This feature is useful when you feel the voice guidance is too long orvoice commands do not work as you desired.

Extending the Listening Time

When the system is waiting for your command, after the voice prompt and beep have been heard, if you press the voice recognition icon (shorter than 0.8 seconds), then the beep will sound again and standby mode will restart.

When activated, voice recognition waits for your command for 5 seconds. If you say nothing for 5 seconds, a voice prompt will ask for your command again.

Skipping Prompt Messages

When you hear the prompt message, 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.

Adjusting Voice Recognition Volume

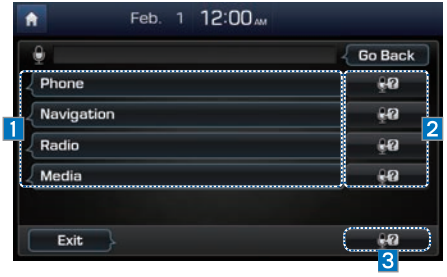
During voice recognition, rotate the volume knob to adjust the message volume.

Voice Recognition Screen Overview

Start Screen

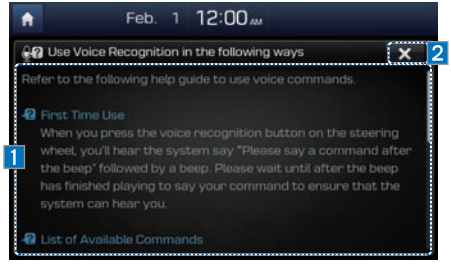
Name	Description
1 Most frequently used commands	Displays the six most frequently used commands.
2 Not available command	Displays commands that are not available due to a failure in meeting the conditions for using them and thus need additional settings. The conditions required for using them will be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

Help Display



Name	Description
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 Using 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.

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.

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 > 3.6 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 111 555 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 “Parking”
●	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 “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.
●	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.

Command		Operation
●	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.

Command		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.

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.

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.
●	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.

“Find the Nearest <Category>” List

Navigation location names can be changed after an update.

1. Restaurants

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

2. Automotive

Restaurants
Asian
African
Coffee Shop
Starbucks
Dunkin' Donuts
Others
Auntie Anne's
Baskin-Robbins
Tim Hortons
Haagen-Dazs
Hooters
Roy's
TCBY
VAN DER VALK

Automotive
Hyundai Dealerships
Gas Stations
76
ampm
ARCO
BP
Canadian Tire
Casey's General Store
Cenex
Chevron
CITGO
Conoco
Esso
Exxon
Fleetfuels
GetGo
Giant Gasoline
GTO
Gulf
Husky
Ingles Gas Express
Marathon
Martin's Gasoline
Meijer
Mobil
Murphy Express
Murphy USA
Petro Stopping Centers
PETRO-CANADA
Phillips 66
Pioneer
QuikTrip
Rutter's
Sheetz
Shell
Sinclair
Speedway
Sunoco
Sunoco Canada
TEXACO
TravelCenters of America
Ultramar
Valero
Wawa
Parking

Auto Services
AAA
Advance Auto Parts
America's Tire
AutoZone
BOSCH Car Service
Certigard
Discount Tire
Firestone
GOODYEAR
Kal Tire
Midas
Napa
O'Reilly Auto Parts
Sears Auto Center
Road Assistance
Automobile Dealerships
Auto Parts
Car Washes
Motorcycle Dealerships

3. Travel

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

4. Shopping

Travel
Ferry Terminals
Bus Stations
Local Transit
Train Stations

Shopping
Department Stores
Canadian Tire
Dollar General
Dollar Tree
Family Dollar
JCPenney
Kmart
Kohl's
Nordstrom
Sears
Sears Hometown Store
Target
T.J. Maxx
Walmart
Convenience Stores
7-Eleven
ampm
BP
Circle K
Fleetfuels
GetGo
GTO
Kangaroo Express
Murphy Express
Murphy USA
Petro Stopping Centers
QuikTrip
Rutter's
Sunoco Canada
TravelCenters of America
Wawa
Shopping Centers
Office Depot
Grocery Stores
Giant Eagle
Giant Food Stores
IGA
Ingles Markets
Food Lion
Kroger
Martin's Food Markets
Meijer
Publix
Sav-Mor Foods
Save-A-Lot
SuperValu
Music Stores
Bookstores
Barnes & Noble
Electronics
AT&T
Best Buy
Future Shop
GameStop
Radioshack
Sprint
Staples
T-Mobile
OfficeMax
US Cellular
Verizon
Gifts
Sporting Goods
Dick's Sporting Goods
Sports Authority
Home Specialty Stores
ABC Fine Wine & Spirits
Ace Hardware

Shopping
Claire's
Costco
Home Depot
Lowe's
Merle Norman
PETCO
PETSMART
Sally Beauty Supply
SHERWIN-WILLIAMS
True Value
Clothing
Mark's Work Wearhouse
Shoe Stores
Pharmacies
CVS/pharmacy
Giant Drugstore
Ingles Pharmacy
Kmart Pharmacy
Kroger Pharmacy
Martin's Drugstore
Meijer Pharmacy
Rite Aid
Shoppers Drug Mart
Target Pharmacy
Walgreens
General Merchandise

5. Recreation

Recreation
Amusement Parks
Museums
Cinemas
Golf Courses
Sports Complexes
Sports Activities
Wineries
Video & Game Rental
Ski Resorts
Recreation Areas
Other Recreation Areas

6. Financial Services

Financial Services
Banks
Bank of America
BB&T
Chase
Citibank
Citizens Bank
Fifth Third Bank
Key Bank
PNC Bank
RBC Bank
Regions
SunTrust
TD Bank
TD Canada Trust
US Bank
Wells Fargo
ATMs
Check Cashing Services
Money Transfer

7. Community

Community
Police Stations
Post Offices
Libraries
Schools
Fire Departments
Church
Synagogue
Convention Centers
City Halls
Civic Centers
Court Houses
Government Offices
Waste & Sanitary
Utilities
Business Facilities

8. Services

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

Siri Eyes Free

How to start Siri

If you want to use Siri, you have to connect your iOS device to 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 press Speak button and then you can speak what you want. Please see 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 break on, Eyes-Free mode would be deactivated automatically.

Information

- Functions and feedbacks from voice commands via Siri are executed in iOS device. If iOS version changed, functions and feedbacks can be changed according to iOS device.

07

part.7 Info

Start up
Pandora Radio Mode
Download Center
SiriusXM™ Data
SoundHound

Info

Start Up

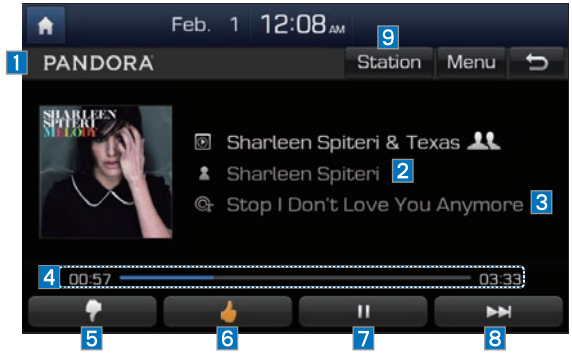
Press the INFO key on head unit to enter the information screen. The screen is composed of : “Pandora” to listen to Pandora Radio by connecting a smart phone; “Quick Guide” to provide information about how to controls and major functions; “SiriusXM Data” to show weather, traffic, stock, gas station, sports, and movie information provided by SiriusXM™ Travel Link. ; “Voice Commands” to provide information about available voice command list to use voice recognition.

Pandora Radio Mode

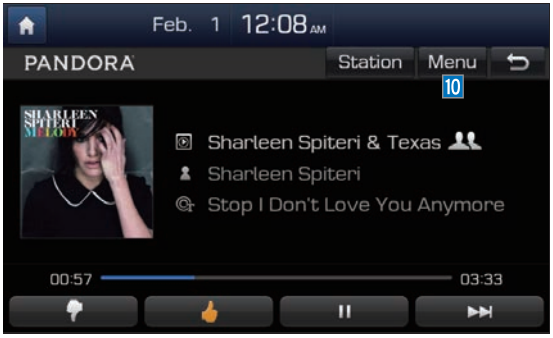
Pandora Radio Mode

Press the “Pandora” icon after selecting All Menus or the INFO hard-key to enter Pandora Radio mode.

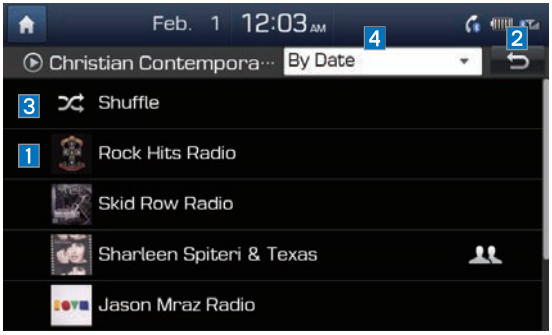
Pandora Radio Mode Screen Controls



Name	Description
1 Mode	Displays current operating mode.
2 Station Info	Shows the station name current 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 current playing, press this button to move to the next music 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 "Thumb 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 List	Moves to the station list screen.



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



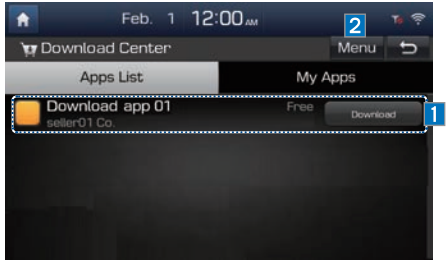
Name	Description
1 Current Station	Shows the name of the station current displayed.
2 Previous	Switches to the play mode screen.
3 Shuffle	Shuffling your stations provides a more diverse mix of music by randomly playing songs from the stations in your list.
4 Search Menu	Sorts stations by the items in 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 ● TUNE knob to move to the previous/ next list. Press the ● TUNE knob to play a selected file.

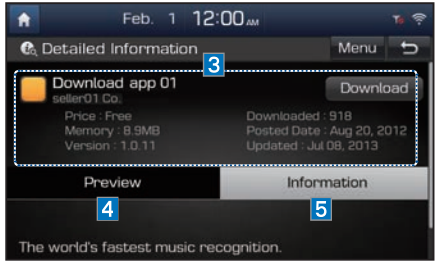
Download Center

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 Home-screen All Menus or My Menu ▶ Apps ▶ and then select Download Center



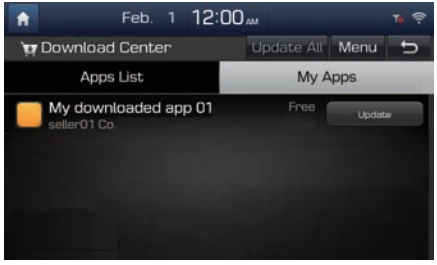


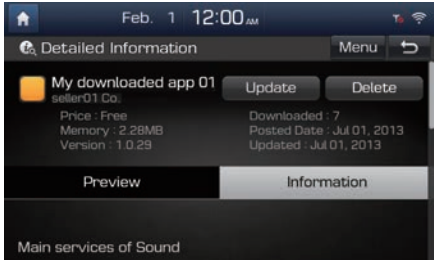
Name	Description
1 Application Download and Run buttons	Button state changes according to the application state.
Download	Downloads free applications.
Purchase	Downloads paid applications.
Re-download	Downloads deleted applications after previously installing them.
Retry	Downloads the applications that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

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

My Apps

Select All Menus or My Menu from Home screen ▶ Apps ▶ followed by Download Center and then ▶ My Apps .





The My Apps menu displays the Re-download, Update, Run options for downloaded applications.

All functions of My Apps are the same as those in the app list.

Information

- You can update applications already running only after closing them.
- Details on downloaded apps can be checked within the Download Center.

SiriusXM™ Data

About SiriusXM™ Data

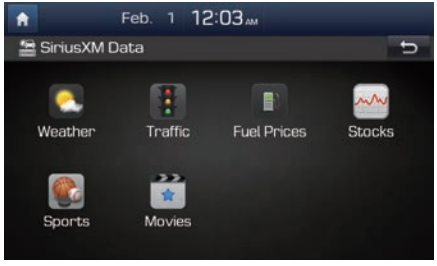
Service

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

Press the “SiriusXM Data” icon after selecting All Menus or the INFO hard-key to enter the SiriusXM™ Data mode.

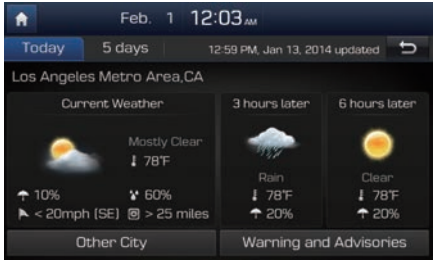


SiriusXM™ Weather Announcement

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

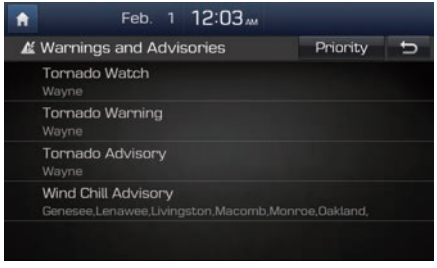
Weather Forecast

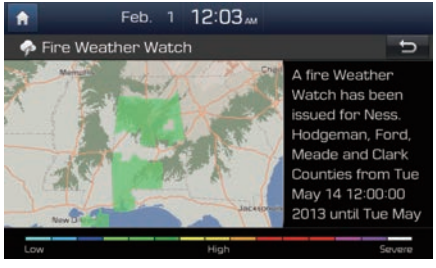
This service provides current weather information and weather forecasts for the next five days in your region. To change the region, press the Other City button and select the desired region.



Warnings and Advisories

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



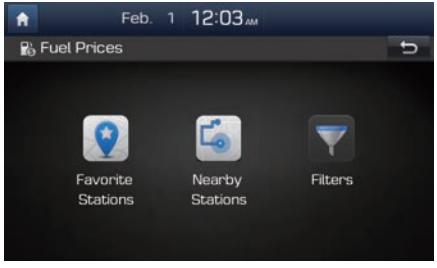


SiriusXM™ Traffic Information

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

SiriusXM™ Fuel Price Information

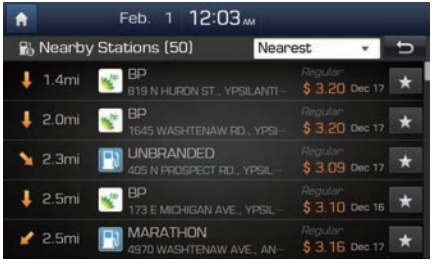
At the “SiriusXM Data” screen, press the “Fuel Prices” icon to enter the Fuel Prices Information mode.



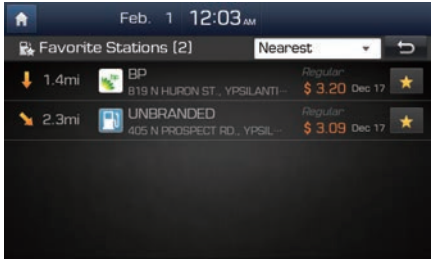
Search for Nearby Stations, and Register Key Locations as Favorite Stations.

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.



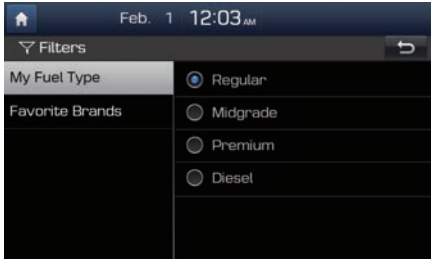
Select the ★ button to the right of the list to register key locations as a Favorite Station so that you can go there again with the “Favorite Stations” menu. Select the list to move to navigation destination select screen to receive guidance.

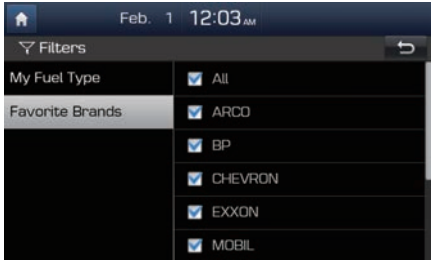


My Fuel Type Settings

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

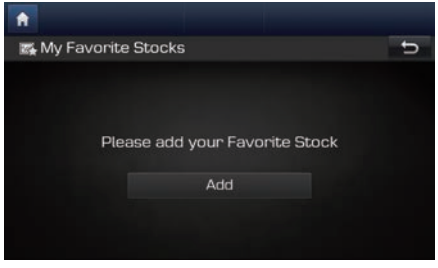
In the “SiriusXM Data” screen, press the “Stocks” icon to enter the Stocks mode.

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

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

My Favorites

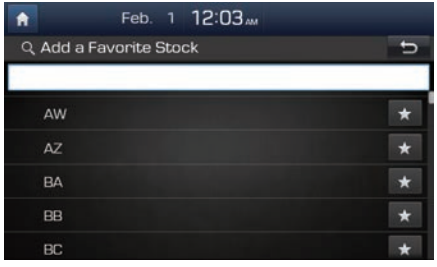
My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Press the Add button to move to the stock search screen.



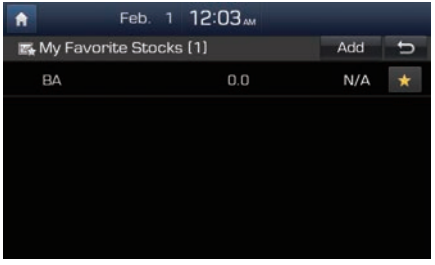
Stock Search

Use the Stock Search menu to search for specific stocks.

Press the ★ button after searching for your favorite stocks to save them in “My Favorite”.



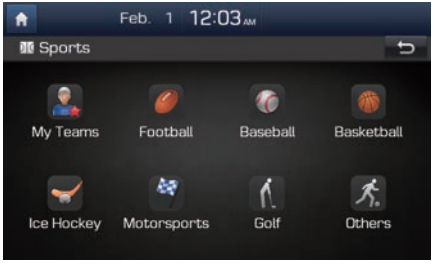
In the My Favorites screen, you can find the selected stock information that you registered.



SiriusXM™ Sports Information

Press the “Sports” 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.

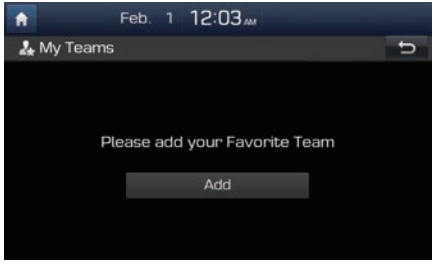


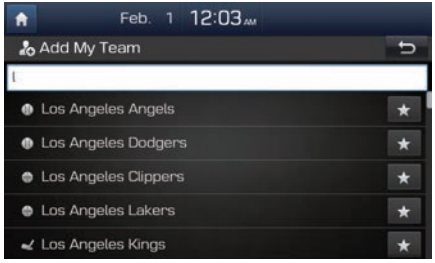
My Teams

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

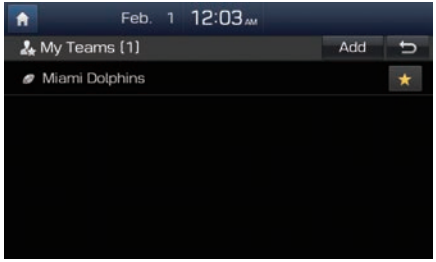
Select the My Teams menu and then press the Add button to search for and register your favorite teams.

Search for your favorite teams and press the ★ button on the right to add it to the "My Teams" list.

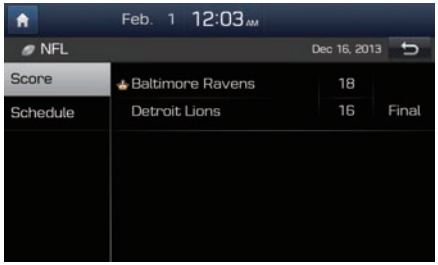


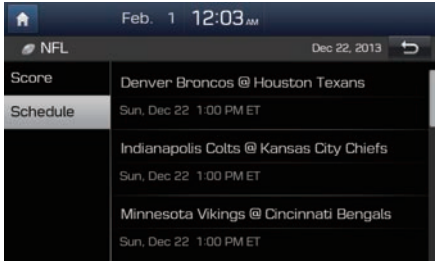


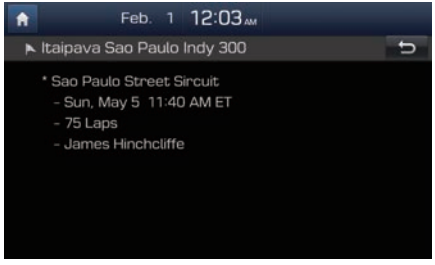
You can always check the list of teams that you added in the "My Teams" menu. Press the ★ button on the right side of the team name to delete the team from "My Teams" or press the Add button to add other teams.



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



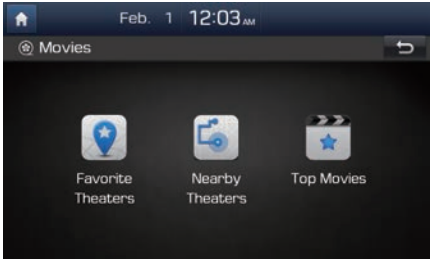




SiriusXM™ Movie Information

Press the “Movies” icon to enter the Movie mode.

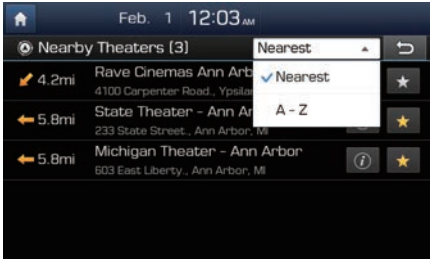
You can check recent movies and nearby theaters, and also register your favorite theater locations.

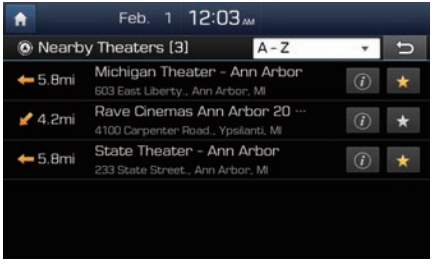


Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters.

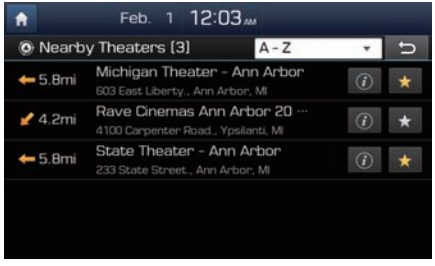
In the “Nearby Theaters” menu, you can search for any nearby theaters.

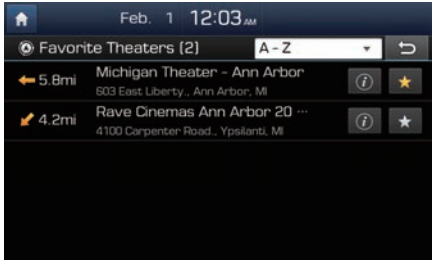
It shows theaters, starting from the nearest one, and selecting the “Nearest” menu at the top right side will sort them by name.





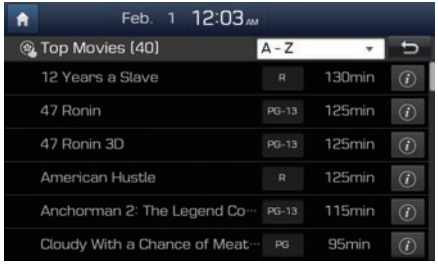
Select the ★ button to the right of the list to register your favorite theater so that you can always check it again using the “Favorite Theaters” menu and selecting the ⓘ button to view the current movie information for that theater.





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. Press ⓘ button to the right of a movie title to view the plot summary and any other detailed information.



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.

Accessing SoundHound

1. From the Home screen, select All Menus, My Menu or Apps 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 Main Screen

Name	Description
1 Mode	Displays 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

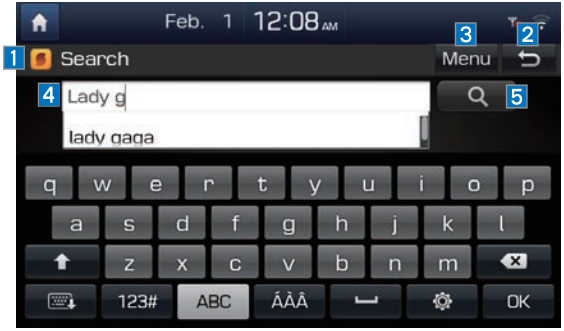
After selecting SoundHound button, the song recognition process is activated, the system will match current playing song with the SoundHound music database.

Music from Smartphones and MP3 players that are not connected to 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 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. i 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	Goes 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, album artwork screen is displayed.
4 Artist Image	If artist image is selected, artist image screen is displayed.
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.

08

part.8 Other Features

Camera

Camera

About Rear Detection Camera

- This device is connected to a rear detection camera to see behind the car when reversing.
- When the engine starts, shift the gear to R to activate the rear detection camera.
- Shift the gear to another position to deactivate the rear detection camera.

Information

- While the device boots up, shift the gear to R to activate the rear detection camera.
- A separate chipset is used for the camera screen while booting up, so it may be different after booting up.
- When booted up, blinking may occur when you switch to a UI screen.

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.

09

part.9 Setup

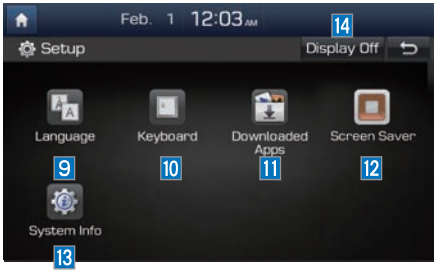
Setup
Navigation Settings
Sound Settings
Display Settings
Phone Settings
Blue Link Settings
Voice Recognition Settings
Clock Settings
Wi-Fi Settings
Language Settings
Keyboard Settings
Downloaded Apps Settings
Screen Saver Settings
System Info

Setup

Setup is the screen to control system settings of the AVN.

To enter the screen, select the SETUP key of the device or the Setup button 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, Ratio and Advanced settings.
3 Display	Provides the Adjust/Mode 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 View 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 System Info	Provides software and storage space information.
14 Display Off	Provides the Display Off (touch activation) function.

Navigation Settings

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

Sound Settings

Adjusts the sound effects for the whole system.

Features	Description
1 Position	Select the Up/Down/Left/Right button to control sound positioning. Press Center to concentrate the sound on the center of vehicle.
2 Tone	Drag the slide bar to control bass/mid/treble settings. Press Center 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”, “Quantum Logic Surround”, and “Signal Doctor”.
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.

Display Settings

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

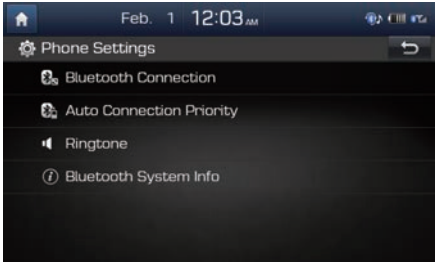
Features	Description
1 Adjust	Drag the slide bar to control the Brightness/ Hue/Contrast/Saturation settings. Press Center to initialize the settings.
2 Mode	You can select Daylight/ Night/Automatic options for the display bright-ness according to mode changes.
3 Display Off	Provides the Display Off (touch activation) function.

Phone Settings

Changes Bluetooth phone settings.

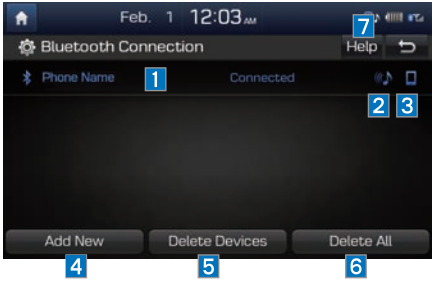
Phone Settings

- Select the SETUP key in the head unit ▶ Select Phone.
- Home screen ▶ Select All Menus ▶ Select Setup ▶ Select Phone.



Bluetooth Connection Settings

Select the SETUP key in the head unit ▶ Select Phone ▶ Select Bluetooth Connection



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.

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
- Select the SETUP key ▶ Select Phone ▶ Select Bluetooth System Info ▶ Select Default Factory Settings

Auto Connection Priority

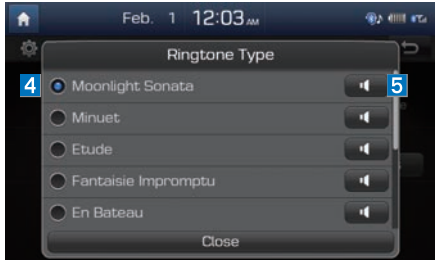
Select the SETUP key in the head unit ▶ Select Phone ▶ Select Auto Connection Priority.

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

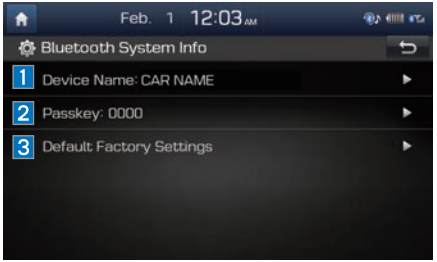
Select the SETUP key in the head unit ▶ Select Phone ▶ Select Ringtone .



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

Select the SETUP key in the head unit ▶ Select Phone ▶ Select Bluetooth System Info .



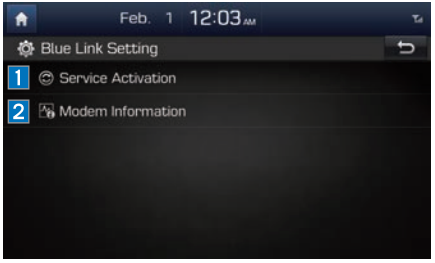
Features	Description
1 Device Name	You can change the Bluetooth device name of the vehicle.
2 Passkey	You can change the passkey used for Bluetooth device authentication. the initial passkey is 0000.
3 Default Factory Settings	You can delete all paired devices and restore the Default Bluetooth Settings.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

Information

- The device name above is an example. Check the actual information on the product.

Blue Link Settings

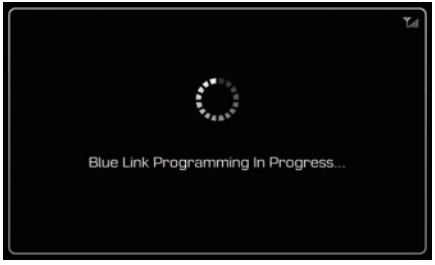
- Select the SETUP key ▶ Select Blue Link
- Select the BLUELINK key ▶ Select Blue Link Settings



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

Service Activation

Select the BLUELINK key ▶Select Blue Link Settings ▶Select Service Activation



Activation may take up to five minutes.

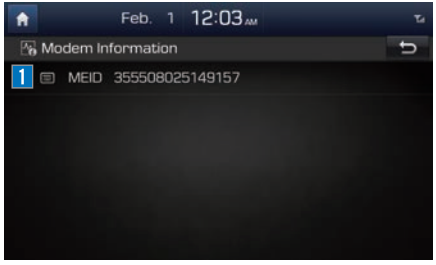
Do not turn the engine off while activation is in progress.

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

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

Modem Information

Select the BLUELINK key ▶Select Blue Link Settings ▶ Select Modem Information



Features	Description
1 MEID	Identification number of the Blue Link terminal

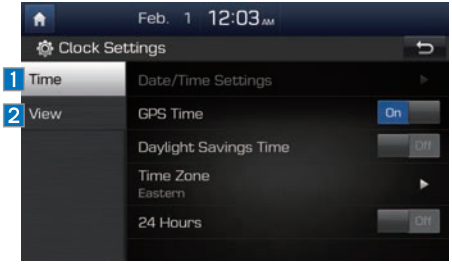
Voice Recognition Settings

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.

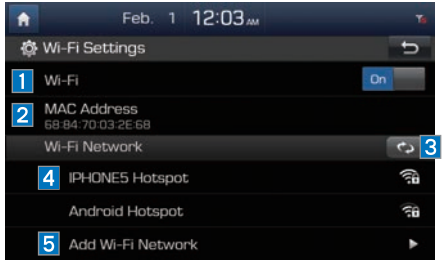


Features	Description
1 Time Settings	Provides the GPS Time, Date/Time Settings, Daylight Savings Time, and 24 Hours options.
2 View Settings	Provides options to select a digital or analog clock widget for the screen saver or home screen, and to select the Display Date settings.

Wi-Fi Settings

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

Wi-Fi Settings Screen



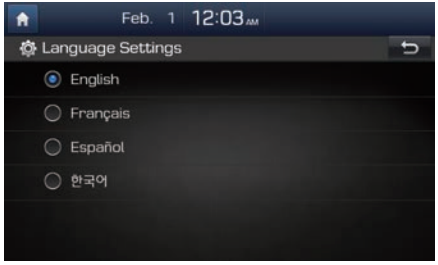
Features	Description
1 Wi-Fi	Turn on/off Wi-Fi.
2 MAC Address	Displays the MAC address.
3 Refresh	Searches available networks near the vehicle.
4 Network Name	Displays available network AP (Access Point) names.
5 Add Wi-Fi Network	Enter the network ID/ password to connect to a hidden network AP (Access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

How to Connect to a Network

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

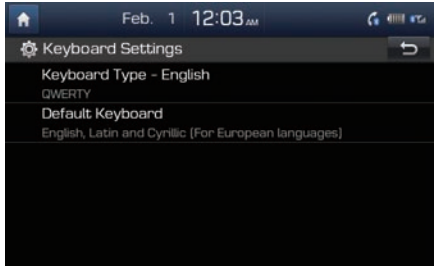
You can configure the displayed system language.



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.



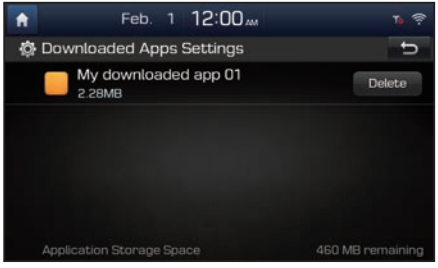
You can configure ABCD or QWERTY keyboards for the system.

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.



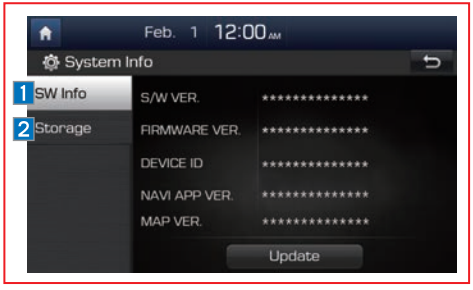
You can delete downloaded applications in the Download Center. To recover a deleted application, you can re-install the application with the re-download function in the Download Center.

Screen Saver Settings

Configures a screen to be displayed when the system is powered off.

System Info

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 Update button to update the system. After update is complete, the system will reboot automatically.
2 Storage Space	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 Update 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.

MEMO

10

part.10 Appendix

Product Specification
Troubleshooting
FAQ

Appendix

Product Specification

TFT-LCD

Screen Size	Navigation Device - 8 inch(176.4 x 99.36mm)
Resolution	Navigation Device - 384,000 pixels (Resolution: 800 x 480)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Left/Right, Top/Bottom : ALL 89˚
Internal Lighting	LED

Radio

Channels	FM : 87.5 MHz ~ 107.9 MHz(Step : 200 kHz)
	AM : 530 kHz ~ 1710 kHz(Step : 10 kHz)
Sensitivity	FM : Under 10dBu/AM : Under 35dBu
Distortion Factor	Within 2%

Common

Name	Car TFT LCD Display Navigation Unit		
Power Supply	DC 14.4V	Operating Power	DC 9V ~ DC 16V
Current Consumption	2.5A	Sleep Current	0.5mA (Head Unit Only)
Operating Temperature	-20 ~ +70℃ (-4 ~ +158℉)	Storage Temperature	-30 ~ +80℃ (-86 ~ +176℉)
Dimensions	178 X 102 X138mm (Main BOX)		
Weight	2.7kg		

CDMA

RX	Frequency	869MHz~894MHz (BC0), 1930MHz~1990MHz (BC1)
	Sensitivity	-104dBm under (FER = 0.5% under)
TX	Frequency	824MHz~849MHz (BC0), 1850MHz~1910MHz (BC1)
	Max RF Output Power	23.01dBm ~ 30dBm (Power Class3(BC0), PowerClass2(BC1), conducted)
Sensitivity	-104dBm under(FER=0.5% under)	
Power	23.01~30dBm (BC0, BC1, conducted)	

Wi-Fi Details

Frequency	2412 ~ 2462MHz
Specification	802.11b/g/n
Number of Channels	11 Channel
Operating Temperature	-20 ~ +70℃ (-4 ~ +158℉)

Bluetooth® Wireless Technology

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth® Specification	3.0
Supported Profile	Handsfree(1.6), A2DP(1.2), AVRCP(1.4), PBAP(1.0)		
Output	-6~4dBm (Power Class2, Conducted)		
Number of Channels	79 channels		

CAUTION

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

Troubleshooting

1. Errors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.
2. If you are having problems with the device, try the suggestions listed below.
3. If the problems persist, contact your Hyundai dealer.

Problem	Possible Cause
There are small red, blue, or green dots on the screen	• Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels
The sound or image is not working	• Has the Switch for the vehicle been turned to [ACC] or [ON]? • Has the SYSTEM been turned OFF?
The screen is being displayed but sound is not working	• 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 LCD panels. It is not a malfunction • If the screen is very dark, contact your nearest Hyundai dealer for assistance
Sound is working from only one speaker	• Are the positions of Fader or Balance sound controls adjusted to only one side?
Sound does not work in AUX mode	• Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	• Is the external device connected with a standard connector cable?
Upon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as discs, USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load • 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	• Replace with a suitable fuse • If the fuse is disconnected again, please contact your point of purchase or Hyundai dealer
	Device 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 Display 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 USB does not work	• USB memory is damaged	• Please use after formatting the USB into FAT 12/16/32 format
	• USB memory has been contaminated	• Remove any foreign substances on the contact surface of the USB memory and multimedia terminal
	• A separately purchased USB HUB is being used	• Directly connect the USB memory with the multimedia terminal on the vehicle
	• A USB extension cable is being used	• Directly connect the USB memory with the multimedia terminal on the vehicle
	• A USB which is not a Metal Cover Type USB Memory is being used	• Use standard USB Memory
	• An HDD type, CF, SD Memory is being used	• Use standard USB Memory
	• There are no music files which can be played	• Only MP3, WMA file formats are supported. Please use only the supported music file formats
The iPod is not recognized even though it has been connected	• There are no titles which can be played	• Use iTunes to download and save MP3 files into the iPod
	• The iPod firmware version has not been properly updated	• Use iTunes to update the firmware version and reconnect the iPod with the device
	• The iPod device does not recognize downloads	• Reset the iPod and reconnect with the device

Information

- 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.

FAQ

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 AVN 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 SETUP ▶ Phone ▶ Bluetooth System Info ▶ Passkey 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, press the Accept button on the screen or the key on the steering remote controller.

To reject the call, press the Reject 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 (over 0.8 seconds) the key on the steering remote controller or press the Use Private 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 Safety 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.

Keep 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.
- IIncrease 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