

G90

DIS Navigation System Owner's Manual

DIS NAVIGATION SYSTEM | OWNER'S MANUAL



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Thank you for purchasing
the DIS Navigation System.

This User's Manual provides information on methods of using the DIS Navigation System.

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

- The map screens used in this user's manual may differ from actual road conditions due to road constructions and modifications.
- The design and specification of this product may change without prior notice for product improvement.
- For safety, some features may not operate when the vehicle is in motion.

Information about this Manual

Information about the User's Manual

Before using the product, read and follow all instructions and safety information provided in this user's manual.

This user's manual uses the notations of 'Warning' and 'Cautions' and 'Information' to describe circumstances in which injury may be inflicted onto drivers and others.
These notations indicate very important safety matters.
Carefully read and comply with them at all times.

Notations used within this User's Manual

Warnings

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

Cautions

Failure to observe the safety instructions within this category could result in accident related injuries or vehicle damage.

Information

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

Safety Precautions

'Safety Precautions' are designed to assist in safe and proper use of the product and prevent potential accidents or dangers. Please comply with all warnings and cautions at all times.

Safety Precautions are classified as ‘Warnings’ and ‘Cautions’ and have the following meanings.

⚠ Warnings

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



Do not operate while driving.

Operating the device while driving could lead to accidents due to a lack of attention to external surroundings.

First park the vehicle in a safe place before operating the device. Drive only after completing device operations.



Do not stare at the device while driving.

Staring at the screen for prolonged periods of time could lead to traffic accidents.



Always comply with actual traffic conditions and regulations.

Voice guidance and map screens provided by the system may differ from actual road conditions. Always follow actual traffic conditions and regulations.



Adjust the volume to appropriate levels.

Do not raise the volume excessively. Excessive volume levels could lead to accidents.

Safety Precautions

The manufacturer shall not be responsible for accidents that occur due to violation of rules and regulations or actual circumstances.

⚠ Cautions

Failure to observe the safety instructions within this category could result in accident related injuries or vehicle damage.



Do not use the system with the engine idle for prolonged periods of time.
Do not use the system for long periods of time with the engine off.
Such use may be the cause of battery discharge.
(In ACC ON state, the battery will continue discharging even if the head unit power is turned off by pressing the power button at the front of the head unit.)



Do not subject the device to severe shock or impact.
Such acts could be the cause of product malfunctions.



Do not disassemble, repair or modify the device.
Such acts could result in fires or electric shock.



When cleaning the device, 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.



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

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General Information

Before using USB Devices

Turn the engine on before connecting a USB device for use. Connecting the USB device prior to turning on the ignition may lead to USB device damage.

- Non-standard format files are not supported.
- For MP3/WMA files, only music files with compression rates between 8Kbps ~ 768 Kbps can be played.
- Heed caution for 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 system may not properly recognize the USB in some states.
- This device recognize USB devices formatted in FAT 32, NTFS and exFAT.
- Some USB devices may not be supported due to compatibility issues.
- Take caution so that the USB connector does not come into contact with body parts or foreign 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. Such time differences are not indications of a malfunction.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.
- Files may not properly play when application programs are installed onto the USB device.
- The device may not operate normally if devices not recognized as a portable disk drive, such as MP3 Players, mobile phones, digital cameras, or other electronic devices, are connected to 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.
- Normal operation is not guaranteed for HDD Type formats.
- The device will not support files locked by DRM (Digital Rights Management).
- USB memory sticks used by connecting an Adaptor may not be properly recognized.
- Media playback is supported through front USB port.
- Rear USB port supports only charging.

General Information



Plug Type Connector

Supported File Specification

Supported Audio File Specification

- Sampling Frequency: 32 - 48 KHz (MP3), 8 - 96 KHz (WMA)
- Bit Rate: 8-768 kbit/s (WMA)
- Version: Any version (WMA)
- Supported File Formats: ".mp3"/ ".wma"

Supported Image File Specification

- Supported File Formats: ".bmp", ".jpg", ".gif", ".png", ".tif"
- Some formats may not be supported depending on the portable disk drive state or storage method.

Supported DivX File Specification

- Supported Resolutions: HD DivX files (Non DRM only) and non-DivX files.
- Frame Rate: under 30 fps
- If video/voice data structure are not interleaved, then only the sound or video (not both) may operate.
- Supported File Formats: ".avi", ".mpg", ".mpeg", ".mp4", "mkv"
- Supported Subtitle Formats: ".smi"
- Supported Audio Formats: "PCM", "MP3", "WMA", "WAV"
- Sampling Frequency: 32 - 48 kHz (MP3), 32 - 48 kHz (WMA)
- Bit Rate: 32 - 320 kbps (MP3), 40 - 192 kbps (WMA)
- Subtitles may not properly operate if the name of the video file is different from the name of the subtitle file.
- If the DivX file format is not supported by the device, then the file may not properly play.

General Information

Information on iPod Devices

iPod is the registered trademark of Apple Inc.

Using iPod Devices

- Some iPods with unsupported communication protocols may not properly operate in the system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)
- During ACC ON state, connecting the iPod using the iPod cable will charge the iPod through the head unit.
- When playing iPods, use an iPod-dedicated car cable. Normal operations cannot be guaranteed when a dedicated iPod cable is not used.
- If the iPod is connected to the USB connector terminal, then the iPod cannot be directly operated.
- Only use iPods that are fully synchronized with iTunes. Adding songs and files without iTunes may result in defective operation.
- Using one iPhone to connect both iPod mode and Bluetooth Audio mode will prevent use of Bluetooth Audio.
- The use of iPod Touch and iPhones with operating system versions above iOS4.2 is recommended.

Supported iPod Devices

- iPod Classic
- iPod nano: 4~7th generation
- iPod touch: 2~5th generation
- iPad: 2~4th generation
- iPad Air: Air, Air 2
- iPad mini: mini, mini 2, mini 3, mini retina
- iPhone: 3GS, 4, 4s, 5, 5s, 5c, 6, 6+

General Information

Registered Trademarks and Licenses

iPod®

iPod is the registered trademark of Apple Inc.

Bluetooth®

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks is under license. A Bluetooth® enabled mobile phone is required to use Bluetooth® wireless technology.

DivX®

This product is a DivX certified product that has passed stringent DivX video play tests. As a DivX®-certified product, this product can play premium HD DivX® videos.

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DivX is protected by at least one of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 8,656,183; 8,731,369; RE45,052.

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Component Names and Functions

Head Unit



No.	Name	Description
1	**Power/ Volume** [⏻]	• When the power is off, press the dial to turn the power on. • When the power is on, press and hold the dial to turn the power off. • With the system on, shortly press the dial to turn the AV ON/OFF. **Volume control** • Turn left/right to adjust the volume. • To adjust the voice guidance volume, turn left/ right during voice guidance.
2	**RADIO**	• Operates FM/AM/SiriusXM mode. • Each press of the key will change the mode in order of FM→AM→SiriusXM→FM mode.

※Product images may slightly differ from the actual product.

No.	Name	Description
3	**MEDIA**	• Each press of the key will change the mode in order of Jukebox→USB/ iPod→AUX→Bluetooth Audio. • The mode will not change if there is no media.
4	**∨ SEEK / TRACK ∧**	• Used to search and select broadcasts and files. • Radio: Searches radio broadcasts. • SiriusXM: Searches SXM channels. • Media -When shortly pressed (under 0.8 seconds): Moves between files. -When pressed and held (over 0.8 seconds): Fast-forwards/Rewinds in Jukebox, USB and iPod modes. • The feature will not operate if there is no media.

Component Names and Functions

Head Unit



No.	Name	Description
5	MAP/VOICE	• Displays the current position on the map. • When already in the map screen, provides voice guidance.
6	PHONE	Operates Bluetooth handsfree mode.
7	BLUELINK	Converts to Blue Link mode.
8	DISP	Turns the display on/off.

No.	Name	Description
9	TUNE	• Radio: Searches radio broadcasts and SXM channels. • Media: Searches tracks or files. When the desired track or file name is displayed, press to operate the current track or file.
10	RESET	Press to reset the system. System reset is a function used for recovery during abnormal system operation. The system is reset and restarted.

Component Names and Functions

Head Unit (for Canada)



No.	Name	Description
1	Power/ Volume [⏻]	• When the power is off, press the dial to turn the power on. • When the power is on, press and hold the dial to turn the power off. • With the system on, shortly press the dial to turn the AV ON/OFF. **Volume control** • Turn left/right to adjust the volume. • To adjust the voice guidance volume, turn left/ right during voice guidance.
2	RADIO	• Operates FM/AM/SiriusXM mode. • Each press of the key will change the mode in order of FM→AM→SiriusXM→FM mode.

※Product images may slightly differ from the actual product.
Blue Link function and HD Radio is supported for the vehicles purchased in USA.

No.	Name	Description
3	MEDIA	• Each press of the key will change the mode in order of Jukebox→USB/ iPod→AUX→Bluetooth Audio. • The mode will not change if there is no media.
4	∨ SEEK / TRACK ∧	• Used to search and select broadcasts and files. • Radio: Searches radio broadcasts. • SiriusXM: Searches SXM channels. • Media -When shortly pressed (under 0.8 seconds): Moves between files. -When pressed and held (over 0.8 seconds): Fast-forwards/Rewinds in Jukebox, USB and iPod modes. • The feature will not operate if there is no media.

Component Names and Functions

Head Unit (for Canada)



No.	Name	Description
5	MAP/VOICE	• Displays the current position on the map. • When already in the map screen, provides voice guidance.
6	PHONE	Operates Bluetooth handsfree mode.
7	SETUP	Operates Setup mode.
8	DISP	Turns the display on/off.

No.	Name	Description
9	TUNE	• Radio: Searches radio broadcasts and SXM channels. • Media: Searches tracks or files. When the desired track or file name is displayed, press to operate the current track or file.
10	RESET	Press to reset the system. System reset is a function used for recovery during abnormal system operation. The system is reset and restarted.

Component Names and Functions

Front Central Controller



No.	Name	Description
1	BACK	Displays the previous screen.
2	HOME	Displays the HOME screen.

No.	Name	Description
3	MENU	Displays the MENU popup screen.
4	Controller	Various functions can be operated by turning, pushing or pressing the controller.

※Product images may slightly differ from the actual product.

Component Names and Functions

Rear Controller (optional)



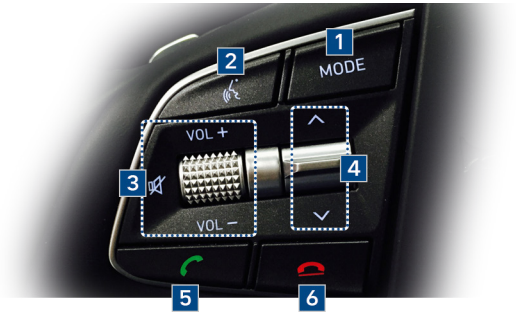
No.	Name	Description
1	AM	Operates AM mode.
2	FM	Operates FM mode.
3	SXM	Operates SiriusXM mode.
4	Volume	Adjusts the volume.
5	MEDIA	Displays the Media screen.
6	MUTE	Mutes the volume.

No.	Name	Description
7	∨SEEK∧	Used to search and select frequencies, channels, and files.
8	DISP	Turns the display on/off.
9	POWER	• When shortly pressed: Turns the AV on/off. • When pressed and held: Turns the system on/off.
10	∨PRESET∧	Used to select the Preset list.

※ Product images may slightly differ from the actual product.

Component Names and Functions

Steering Remote Controller



No.	Name	Description
1	MODE	• When shortly pressed (under 0.8 seconds) Operates Radio/Media mode. • When pressed and held (over 0.8 seconds) Turns the AV On/Off. However, voice guidance will operate normally when in Navigation mode.
2	Voice Recognition	• When shortly pressed (under 0.8 seconds) - Activates voice recognition. Voice recognition supported features may vary for each languages. • When pressed and held (over 0.8 seconds) - Ends voice recognition - If Bluetooth device is connected, activates or ends Bluetooth voice recognition. Some Bluetooth devices may not be supported.
3	VOL+/VOL- Mute ( )	• Turn the wheel up/down to adjust the volume. • Press to mute the volume.
4	∨/∧	• When shortly pressed (under 0.8 seconds) - Radio: Searches broadcasts and channels saved to Presets. - Media: Changes the track or file. • When pressed and held (over 0.8 seconds) - Radio: Automatically searches broadcasts and channels. - Jukebox, USB, iPod: Quickly searches the available files.
5	Bluetooth Call ( )	• When shortly pressed (under 0.8 seconds) Operates Bluetooth phone mode. • When pressed and held (over 0.8 seconds) Redials the most recent number.
6	Ending Bluetooth Call ( )	Ends Bluetooth handsfree call.

※Product images may slightly differ from the actual product.

Component Names and Functions

Room Mirror Key



No.	Name	Description
1	**Blue Link**	• Connects to the Blue Link® Center to speak with consultants. • When pressed again during call, ends call.
2	**Blue Link Voice Local Search**	Request information about places via Blue Link Voice Local Search.
3	**SOS**	• When an unforeseen emergency occurs, used to make call and request Blue Link® SOS service. • When pressed again during call, ends call.

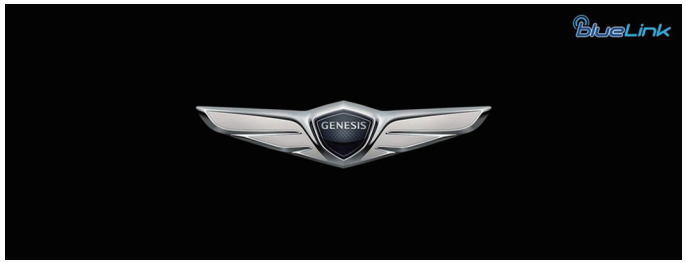
※ Product images may slightly differ with the actual product.

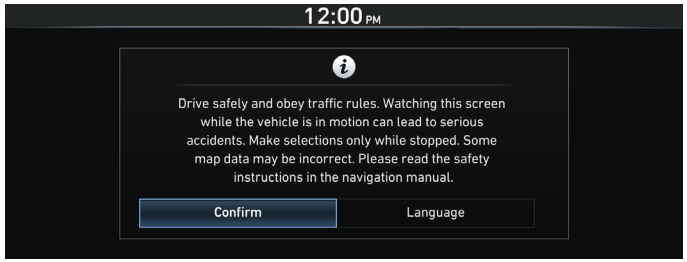
※ Blue Link function is supportive for the vehicles purchased in USA.

Basic Operation

Turning the System On

1. Press the engine start button to turn the system on.
   Once the system is turned on, the logo and safety warning screens are displayed.





2. Press [Confirm].
   To change the system language, press [Language]. To learn more, refer to the "Language" section on page 168.

Information

- Operations are unavailable while the system is booting. Some time may be required until all features are ready for use.
- Carefully read the Caution Screen as it provides important information related to system operation and safety.

Turning the System Off

Press and hold the power [⏻] dial on the head unit to turn the system off.

To turn the system on again, press the power [⏻] dial.

Information

- A sudden output of extreme volume upon turning the device on could lead to hearing impairment.
- Pay attention to the volume setting when turning the device on. Adjust the volume to a suitable level before turning off the device.

Basic Operation

Turning the AV Off

With the system on, press the power [⏻] dial on the head unit to turn the AV off.

Turning the AV On

When the AV is off, press the power [⏻] dial on the head unit to turn the AV on.

Information

- AV stands for Audio/Video.

Adjusting the Volume



Adjusting the Radio/Media Volume

While playing the radio/media, turn the power [⏻] dial to adjust the volume.

Adjusting the Voice Guidance Volume

During voice guidance, turn the power [⏻] dial to adjust the guidance volume.

Adjusting the Call Volume

During a call, turn the power [⏻] dial to adjust the phone volume.

Basic Operation

Resetting the System

This feature is used to reset the system in cases of unforeseen errors or problems. To reset the system, use a clip or a pin to press the [RESET] hole.



Operating the Controller

Turn the controller left/right or use the 4-directional joystick to select or move between menus.

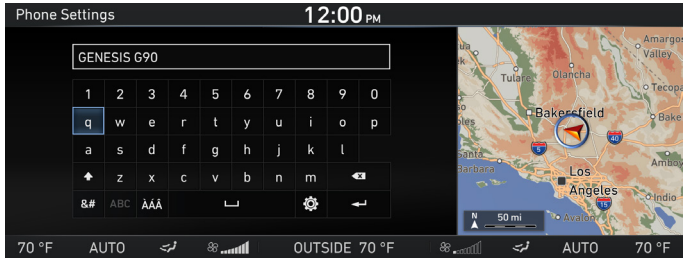
Controller	Description
	Turn the controller left/right to move between menus.
	Push the controller up/down/left/right to move across menus.
	Press the controller to select menus.

Basic Operation

Inputting Text

Turn the controller left/right or push up/down to select the desired character.

Press the controller to input the selected character.



Information

- Inputting text while driving may lead to negligent driving practices and cause accidents. For safety, use this feature after the vehicle has been parked.
- Press the [⚙] button to change keyboard settings.

HOME Screen

1. Press the HOME key. The HOME screen is displayed.



2. Within the HOME screen, use the controller to select the desired mode.

Icon	Name	Icon	Name	Icon	Name
	Radio		Media		Map
	Navigation		Phone		Blue Link
	Setup				

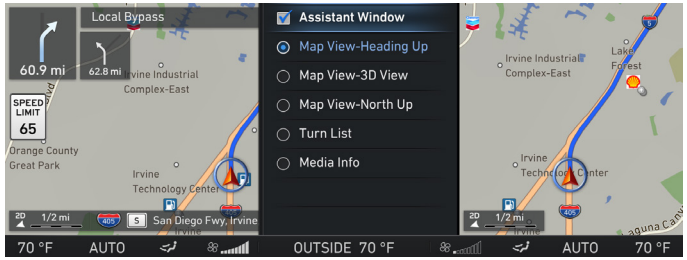
Information

- Blue Link function is supported for the vehicles purchased in USA.
- Climate temperature unit can be different in certain region.

Basic Operation

Assistant Window

The Assistant window allows you to set options to be displayed on the right side of the screen.



Name	Description
Assistant Window	Turns the Assistant window on/off.
Map View-Heading Up	Displays map in vehicle traveling direction.
Map View-3D View	Displays map in 3D mode.
Map View-North Up	Displays map so that north is always facing up.
Turn List	Displays TBT (Turn By Turn) information.
Media Info	Displays the currently playing media information.

FM/AM Radio

FM/AM Radio Mode Screen



<When HD Radio is turned off>



<When HD Radio is turned on>

No.	Name	Description
1	**Mode**	Displays or changes the currently operating mode.
2	**Station Info Screen**	• Displays information such as preset number, station name, broadcast, radio text, program type. • Turn the controller or TUNE dial to select the desired broadcast.

No.	Name	Description
3	**List**	Displays station lists.
4	**HD Radio Reception & Channel buttons**	Displays HD Radio channels. Used to directly select the currently available channels.

FM/AM Radio

FM/AM Radio Mode Screen



No.	Name	Description
5	HD Radio	Turns HD Radio reception status on/off.
6	List	Displays station lists.
7	Save as Preset	Saves current broadcast to the desired preset number.
8	Scan	Plays broadcasts with good reception for 5 seconds each.
9	Sound Settings	Displays the Sound Settings screen.
10	Assistant Window	Displays the Assistant Window Settings menu.

FM/AM Radio

Starting Radio Mode

1. Press the RADIO key on the head unit. Or press HOME → [Radio]. The most recently played broadcast will start.
2. Each press of the RADIO key will change the mode in order of FM→AM→SiriusXM→FM.
3. Select the broadcast you wish to listen to.

Selecting Radio Broadcasts

Selecting Broadcasts Manually

In FM/AM radio mode, turn the controller or TUNE dial on the head unit to select the desired broadcast.

Selecting Broadcasts Automatically

In FM/AM radio mode, press the ∨SEEK / TRACK∧ keys on the head unit or press and hold the "∨/∧" keys on the steering remote controller to continuously change and receive broadcasts with good reception.

Selecting Broadcasts from Presets

This feature is used to listen to broadcasts saved to presets.
Up to 35 broadcasts can be saved as presets.

1. In FM/AM radio mode, press [Presets].
2. Select the desired preset number or use the "∧/∨" keys on the steering remote controller to select the desired broadcast.



FM/AM Radio

Selecting Broadcasts from List

1. In FM/AM radio mode, press ☰ or press MENU →[List].
2. Select the list with the desired broadcast or press the ∨SEEK / TRACK∧ key to select the desired broadcast.



Information

- In FM/AM radio mode, available broadcasts are searched automatically and displayed as a list.

HD Radio On/Off

1. In FM/AM radio mode, press MENU →[HD Radio] to display HD Radio stations. HD Radio Reception & Channel buttons will be displayed.
2. Turn the controller and press to select the desired broadcast.



3. If you want to turn off HD Radio, press MENU →[HD Radio] again.

Information

- HD Radio stations may operate differently depending on your system.
- HD Radio is supported in USA only.

FM/AM Radio

Saving Radio Broadcast to Presets

This feature is used to manually save the current broadcast to the desired preset number.

1. In FM/AM radio mode or station list screen, search the broadcast you wish to save.
2. Press MENU →[Save as Preset].



Information

- In FM/AM radio mode, you can also shortly press the controller to save the current broadcast as a preset.
- In the FM/AM List screen, you can also press and hold the controller to save the selected broadcasts as a preset.



3. Select the desired preset number.
4. The broadcast is saved to the selected preset.

Information

- The broadcast previously saved to the preset will be deleted.

FM/AM Radio

Changing Preset Order

This feature is used to change the order of broadcasts saved to the preset list.

1. In the Presets screen, press MENU →[Reorder].



2. Use the controller to select the preset and reorder the preset to the desired order.
3. Press BACK to complete ordering.

Scanning Radio Broadcasts

Scanning Presets (Preset Scan)

Broadcasts saved to presets are previewed for 5 seconds each.

In the Preset screen, press MENU →[Preset Scan].





FM/AM Radio

Information

- While Scan is operating, changing the broadcast or pressing the controller will cancel scan and start playing the currently selected broadcast. Pressing MENU →[Stop Preset Scan] will also start playing the currently selected broadcast.

Scanning Broadcasts (Scan)

Broadcasts with good reception are previewed for 5 seconds each.

In FM/AM radio mode, press MENU →[Scan].





FM/AM Radio

Information

- While Scan is operating, changing the broadcast or pressing the controller will cancel scan and start playing the currently selected broadcast. Pressing MENU →[Stop Scan] will also start playing the currently selected broadcast.

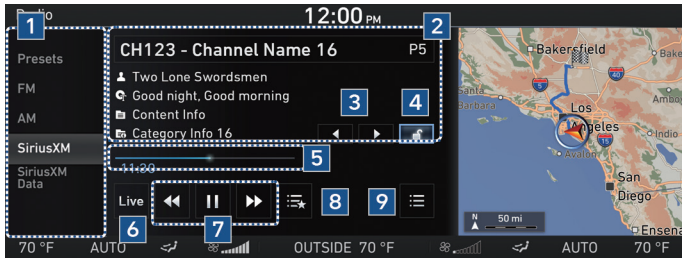
Sound Settings

Press MENU →[Sound Settings].

To learn more, refer to the "Sound Settings" section on page 146.

SiriusXM Radio

SiriusXM Radio Mode Screen



No.	Name	Description
1	Mode	Displays or changes the currently operating mode.
2	Info Screen	Displays information such as Preset number, Channel name, Channel number, Artist name, Song title, Contents info and Category info.
3	Category Selection Button	Changes the category. Enabled only when Category Lock is on. To turn off Category Lock, press [🔓]
4	Category Lock	When a channel category is locked, only channels within the locked category can be searched.
5	Time Difference	Displays the time difference between the live broadcast time and actual playing time.

No.	Name	Description
6	Live	Changes live broadcast mode.
7	Control Panel	Enables use of Play/Pause/Rewind/Fast-forward features.
8	Smart Favorite	Displays the first 10 SiriusXM channels saved within the Preset list.
9	Channel List	Displays SiriusXM Radio Channel Lists.

Information

- 🔒 : To turn on Category Lock, press this button.
- 🔓 : To turn off Category Lock, press this button.

SiriusXM Radio

SiriusXM Radio Mode Screen



No.	Name	Description
10	Save as Preset	Saves current channel to the desired preset number.
11	Channel List	Displays SiriusXM Radio Channel Lists.
12	Direct Tune	Used to search channels by entering channel numbers.
13	Program Guide	Displays a list of selected channels with related programs and timeframes.
14	Sound Settings	Displays the Sound Settings screen.
15	More Features	Displays various features, including Category List, Scan, Favorites, etc.
16	Assistant Window	Displays the Assistant Window Settings menu.

SiriusXM Radio

Starting Mode

1. Press the RADIO key on the head unit to play the most recent channel. You can also press HOME →[Radio] →[SiriusXM].
2. Each press of the RADIO key will change the mode in order of FM→AM→SiriusXM→FM.
3. Select the channel you wish to listen to.

Selecting Channels

Selecting Channels Manually

In SiriusXM Radio Mode, turn and press the controller or TUNE dial on the head unit to select the desired channel.

Selecting Channels Automatically

In SiriusXM Radio Mode, press the ∨SEEK / TRACK∧ keys on the head unit or press and hold the "∨/∧" keys on the steering remote controller to continuously change channels either up or down the channel list.

Selecting Channels from Presets

This feature is used to listen to channels saved to presets.

1. In SiriusXM Radio Mode, press [Presets].
2. Select the desired preset number or use the "∧/∨" keys on the steering remote controller to select the desired broadcast.



SiriusXM Radio

Selecting Channels from Smart Favorites

1. In SiriusXM Radio Mode, press .
2. Select the desired channel.

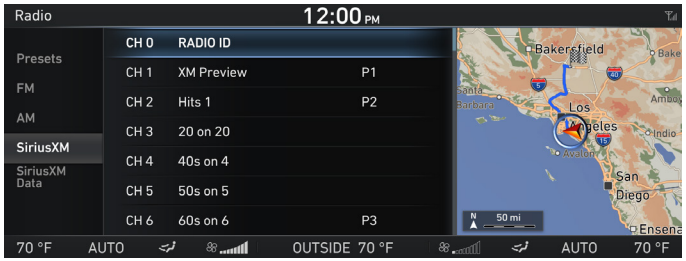


Information

- In SiriusXM Radio Mode, pressing the Smart Favorite feature will automatically display the first 10 SiriusXM channels saved within the Presets list.

Selecting Channels from List

1. In the SiriusXM Radio Mode, press or press MENU →[Channel List].
2. Select the list with the desired channel or press the SEEK / TRACK key to select the desired broadcast.



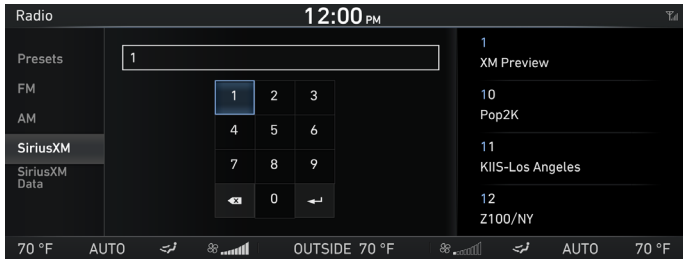
Information

- In the SiriusXM Radio Mode, available channels are searched automatically and displayed as a list.

SiriusXM Radio

Selecting Channels through Direct Tune

1. In the SiriusXM Radio Mode, press MENU →[Direct Tune].
2. Enter the desired channel number and press [↵].



Category Lock

To turn on Category Lock, press .



<Category Lock is off>

When Category Lock is turned OFF, all channels can be searched.

SiriusXM Radio

To turn off Category Lock, press .



<Category Lock is on>

When a channel category is locked, only channels within the locked category can be searched.

Press ◀ , ▶ to change categories.

When pressing the , all channels can be searched.

Saving Channels to Preset

This feature is used to manually save the current channel to the desired preset number.

1. In SiriusXM Radio Mode, search the channel you wish to save.
2. Press MENU →[Save as Preset].



Information

- In the SiriusXM Radio List screen, you can also press and hold the controller to save the selected channel as a preset.

SiriusXM Radio



3. Select the desired preset number.
4. The channel is saved to the selected preset.

Information

- The broadcast channel previously saved to the preset will be deleted.

Changing Preset Order

This feature is used to change the order of broadcasts saved to the preset list.

1. In the Presets screen, press MENU →[Reorder].



2. Use the controller to select the preset and reorder the preset to the desired order.
3. Press BACK to complete ordering.

SiriusXM Radio

Scanning Radio Channels

Scanning Presets (Preset Scan)

Channels saved to presets are previewed for 5 seconds each.

1. In the Presets screen, press MENU →[Preset Scan].





Information

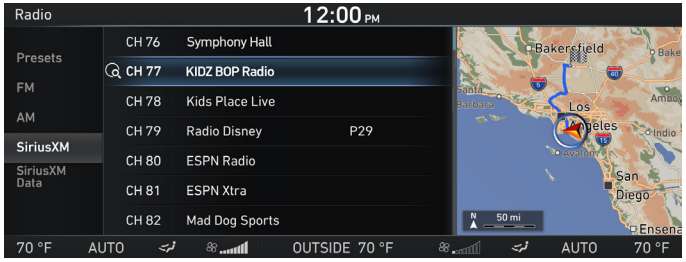
- While Scan is operating, changing the channel or pressing the controller will cancel scan and start playing the currently selected channel. Pressing MENU →[Stop Preset Scan] will also start playing the currently selected channel.

Scanning Channels (Scan)

Channels are previewed for 5 seconds each.

In SiriusXM Radio Mode, press MENU →[More Features] →[Scan].





SiriusXM Radio

Information

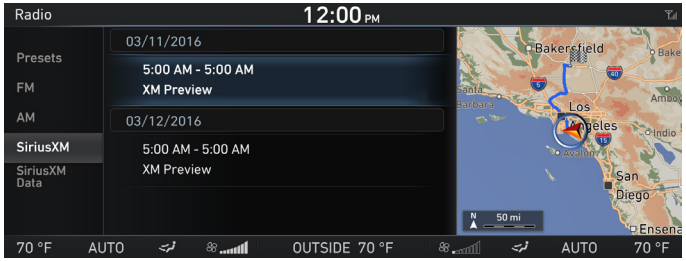
- While Scan is operating, changing the channel or pressing the controller will cancel scan and start playing the currently selected channel. Pressing MENU →[Stop Scan] will also start playing the currently selected channel.

Program Guide

This feature provides a list of selected channels with related programs and timeframes.

1. In SiriusXM Radio Mode, press MENU →[Program Guide].
2. Press the desired channel to display its program list.





SiriusXM Radio

Information

- In Program Guide screen, press MENU →[Category Filter] to display channels in other categories.
- In Program Guide screen, press MENU →[Now Listening] to return main screen of SiriusXM.

Sound Settings

In SiriusXM Radio Mode, Press MENU → [Sound Settings].

To learn more, refer to the "Sound Settings" section on page 146.

Category List

This feature is used to search channels within the desired category or add desired categories using the Filter feature.

1. In SiriusXM Radio Mode, press MENU →[More Features] →[Category List].



SiriusXM Radio

2. Select the desired category.



3. Select the desired channel.



Category Filter

This feature allows users to add desired categories using the Filter feature.

1. In the Category List screen, press MENU →[Category Filter].
2. Select the desired categories.



3. Press BACK to complete filtering.



SiriusXM Radio

Featured Favorites

This feature allows SiriusXM to broadcast additional presets. They are dynamic and can change often, allowing you to discover new channels.

1. In SiriusXM Radio Mode, press MENU →[More Features] →[Featured Favorites].



2. Press the category to display its channel list.

Favorites

This feature is used to display/save/delete the Song and Artist alerts.

1. In SiriusXM Radio Mode, press MENU →[More Features] →[Favorites].



2. Press [Favorites List] to display the favorites list.



SiriusXM Radio

Favorites List Menus

1. In SiriusXM Radio Mode, press MENU →[More Features] →[Favorites] →[Favorites List].



[List]: Displays the favorites list.

[Active]: Displays currently playing favorites list.

[Sort by]: Sorts list by song and artist, by song, or by artist.

[Delete]: Deletes the selected favorites.

[Now Listening]: Displays the current play screen.

Saving Song/Artist Alert

This feature is used to add song and artist alerts.

1. In SiriusXM Radio Mode, press MENU →[More Features] →[Favorites].
2. Press [Save Artist Alert] or [Save Song Alert] to add the current song or artist to the Favorites list.



Information

- Up to 50 alerts can be saved to Favorites.

SiriusXM Radio

Turning On/Off Song/Artist Alert

This feature is used to turn song and artist alerts on/off.

1. In SiriusXM Radio Mode, press MENU →[More Features] →[Favorites].
2. Check the [Song Alert] or [Artist Alert] box to turn the alert on.



3. A popup is displayed when a channel starts playing a song or artist saved in Favorites.



[Tune]: Plays the corresponding channel.
[Ignore]: Displays the previous screen.

Uncheck the [Song Alert] or [Artist Alert] box to turn the alert off.

SiriusXM Radio

Skip Channels

This feature allows the user to select channels to be skipped when using relative (up/down) browsing and other channel listings.

1. In SiriusXM Radio Mode, press MENU →[More Features] →[Skip Channel].
2. Press the channels to skip.



3. Press to BACK complete selecting.

Subscription Status

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

In SiriusXM Radio Mode, press MENU →[More Features] →[Subscription Status].



[Yes]: Calls SiriusXM for service subscription information.

Information

- When no phones are paired, pressing [Yes] will be displayed the Phone Settings screen.
  - US residents call : 1-866-635-2349
  - Canada residents call: 1-877-438-9677

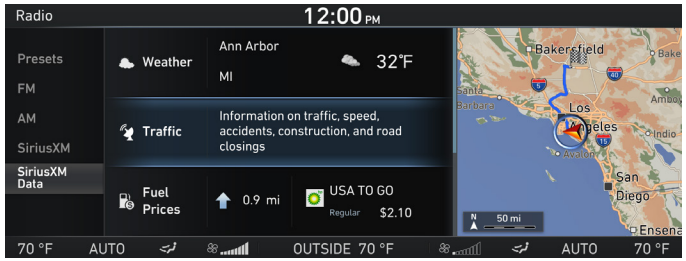
SiriusXM Radio

SiriusXM Data Mode

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

Starting Mode

Press HOME →[Radio] →[SiriusXM Data].



For more information, refer to "SiriusXM Data" on page 183.

Jukebox Music

Jukebox Music Screen



No.	Name	Description
1	Mode	Displays or changes the currently operating mode.
2	Play File Info	Displays the artist, song, and album information.
3	Album Art	Shows the currently playing album art.
4	Play Mode	Shuffle / Repeat one file
5	Play Time	Displays the play time information.
6	File Index	Shows the current file/total files.
7	Control Panel	Enables use of play/pause/search features.
8	List	Displays the mode list screen.



No.	Name	Description
9	Shuffle	Turns Shuffle feature on/off.
10	Repeat	Turns Repeat feature on/off.
11	Scan	This feature previews the beginning part of each file for 10 seconds each.
12	Search	Displays the Search menu. This feature is used to search files by folder, artist, album, song, or genre.
13	Jukebox Management	Displays the Jukebox Management menu.
14	Sound Settings	Displays the Sound Settings screen.
15	Assistant Window	Displays the Assistant Window settings menu.

Jukebox Music

Playing Jukebox Music

You can play audio files saved in the Jukebox.

If there are no music files in the Jukebox, use the [Copy to Jukebox] feature to copy files into the Jukebox.

For more information on copying to Jukebox, refer to the "Copy to Jukebox" section on page 71.

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

   The most recently played file is played.

Playing/Pausing

The currently playing file can be paused/played.

- While playing, use the controller and press [⏸] to pause.
- While paused, use the controller and press [▶] to play.

Playing the Previous/Next File

The previous/next file can be played.

Location	Description
Head Unit	• Press the ∨SEEK / TRACK∧ key. • After 3 seconds of playing, press the ∨SEEK key to replay the current file from the beginning.
Controller	• Use the controller to press [⏮ ⏭]. • After 3 seconds of playing, press [⏮] to replay the current file from the beginning.

Fast-forwarding/Rewinding

The current file can be fast-forwarded or rewound.

Location	Description
Head Unit	• Press and hold the ∨SEEK / TRACK∧ key. Once the key is released, the file will begin playing at normal speed.
Controller	• Press and hold [⏪ ⏩] using the controller. Once released, the file will begin playing at normal speed.

Searching Previous/Next Files

Previous/next files can be searched.

- Turn the TUNE dial. Once the desired file is found, press the dial to play the file.

  While searching, the file name is displayed in blue.

Jukebox Music

Using the List

Playing by Searching Lists

Desired files can be quickly searched and played by searching lists.

1. In the play screen, press [☰].



2. From the list screen, select the file you wish to play.

Information

- The list screen can also be displayed by pressing the MENU key on the controller and pressing [List] within the play screen.

Using the List Menu

1. In the List screen, press MENU.
2. In the List menu screen, select the feature you want to operate.



- [Now Playing]: Displays the current play screen.
- [Jukebox Management]: This feature is used to view the Jukebox capacity or Delete Jukebox files.
- [Assistant Window]: Displays the Assistant Window settings menu.

Jukebox Music

Shuffle

This feature is used to play files in random order.

1. In the play screen, press MENU.
2. Check the [Shuffle] box.



Uncheck the [Shuffle] box to turn the feature off.

Repeat

This feature is used to repeat the current file.

1. In the play screen, press MENU.
2. Check the [Repeat] box.



Uncheck the [Repeat] box to turn the feature off.

Jukebox Music

Scan

This feature previews the beginning part of each file for 10 seconds each.

In the play screen, press MENU →[Scan].



Information

- While scanning, press MENU →[Stop Scan] to disable scan.

Search

This feature is used to search files by folder, artist, album, song, or genre.

1. In the play screen, press MENU →[Search].



2. From one of the available categories, select the file you wish to play.

Jukebox Music

Jukebox Management

This feature is used to view the Jukebox capacity or delete Jukebox files.

1. In the play screen, press MENU.
2. Select the desired option.



- [View Capacity]: Displays the Jukebox storage capacity.
- [Delete]: Deletes files saved in Jukebox.

Sound Settings

Press MENU →[Sound Settings].

To learn more, refer to the "Sound Settings" section on page 146.

Jukebox Video

Jukebox Video Screen



No.	Name	Description
1	File name	Displays the name of the current file.
2	Play time	Displays the play time information.
3	Control panel	Enables use of play/pause/select/search features.
4	Play mode	Shuffle / Repeat one file
5	List	Displays the mode list screen.



No.	Name	Description
6	Shuffle	Turns Shuffle feature on/off.
7	Repeat	Turns Repeat feature on/off.
8	Jukebox Management	Displays the Jukebox Management menu.
9	Sound Settings	Displays the Sound Settings screen.
10	Display Settings	Displays the Display Settings screen.

Jukebox Video

Playing Jukebox Video

You can play video files saved in the Jukebox.
If there are no video files in the Jukebox, use the [Copy to Jukebox] feature to copy files into the Jukebox. For more information on copying to Jukebox, refer to the "Copy to Jukebox" section on page 71.

1. Press HOME →[Media].
2. Press [Jukebox Video].
   The most recently played file is played.

Playing/Pausing

The currently playing file can be paused/played.
For more information on using this feature, refer to "Jukebox Music" on page 57.

Displaying Jukebox Video Control Panel

In the play screen, turn or press the controller to display the Control panel.

Information

- If no operations are made within 5 seconds while the Control panel is displayed, the Control panel will disappear.

Changing Media Mode

In the play screen, press the BACK key on the controller to display the Mode Selection screen.

Playing the Previous/Next File

The previous/next file can be played.
For more information on using this feature, refer to "Jukebox Music" on page 57.

Fast-forwarding/Rewinding

The current file can be fast-forwarded or rewound.
For more information on using this feature, refer to "Jukebox Music" on page 57.

Searching Previous/Next Files

Previous/next files can be searched.
For more information on using this feature, refer to "Jukebox Music" on page 57.

Jukebox Video

Using the List

Playing by Searching Lists

Desired files can be quickly searched for and played by searching lists.

For more information on using this feature, refer to “Jukebox Music” on page 58.

Using the List Menu

For more information on using this feature, refer to “Jukebox Music” on page 58.

Shuffle

This feature is used to play files in random order.

For more information on using this feature, refer to “Jukebox Music” on page 59.

Repeat

This feature is used to repeat the current file.

For more information on using this feature, refer to “Jukebox Music” on page 59.

Jukebox Management

This feature is used to view the Jukebox capacity or Delete Jukebox files.

For more information on using this feature, refer to “Jukebox Music” on page 61.

Sound Settings

Press MENU →[Sound Settings].

To learn more, refer to the "Sound Settings" section on page 146.

Display Settings

Press MENU →[Display Settings].

To learn more, refer to the "Display Settings" section 150.

Jukebox Image

Jukebox Image screen



No.	Name	Description
1	File name	Displays the name of the current file.
2	Control panel	Enables use of rotate image/stop slide show/ search features.
3	List	Displays the mode list screen.



No.	Name	Description
4	Slide Show Interval	Displays the slide show interval menu.
5	Detailed Information	Displays file name, file format, file size and resolution information.
6	Jukebox Management	Displays the Jukebox Management menu.
7	Display Settings	Displays the Display Settings screen.

Jukebox Image

Playing Jukebox Image

You can view image files saved in the Jukebox.
If there are no image files in the Jukebox, use the [Copy to Jukebox] feature to copy files into the Jukebox. For more information on copy to Jukebox, refer to the "Copying to Jukebox" section on page 71.

1. Press HOME →[Media].
2. Press [Jukebox Image].
   The most recent image is displayed.

Displaying Jukebox Image Control Panel

- In the play screen, press the controller to display the Control panel.

Information

- If no operations are made within 5 seconds while the Control panel is displayed, the Control panel will disappear.

Changing Media Mode

- In the play screen, press the BACK key on the controller to display the Mode Selection screen.

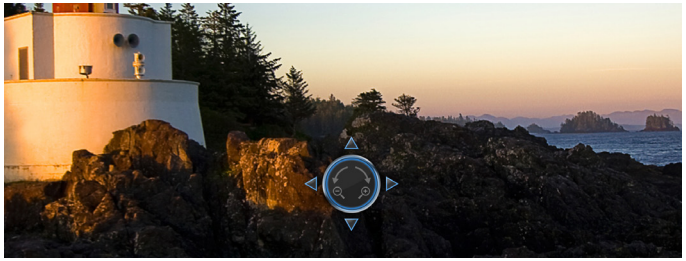
Playing the Previous/Next Image

The previous/next image can be played.

- Use the controller to press [⏮ ⏭].

Zoom In/Out

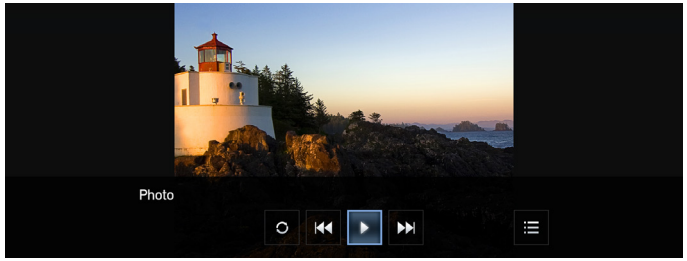
In the play screen, turn the controller to zoom in/out the image or push to controller up/down/left/right to move across the image.



Jukebox Image

Slide Show

This feature allows you to view images in sequential order.



- In the Control panel screen, press [▶]. The slide show will start.
- To stop the slide show, press [❚❚].

Slide Show Settings

The image slide show interval can be set to 5 seconds, 7 seconds, or 10 seconds.

In the play screen, press MENU →[Slide Show Interval].



Jukebox Image

Using the List

Playing by Searching Lists

Desired files can be quickly searched for and played by searching lists.

For more information on using this feature, refer to “Jukebox Music” on page 58.

Using the List Menu

1. In the List screen, press MENU.
2. In the List Menu screen, select the feature you want to operate.



- [Now Playing]: Displays the current play screen.
- [Slide Show Interval]: The interval can be set to 5 seconds, 7 seconds, or 10 seconds.
- [Detailed Information]: Displays file name, file format, file size and resolution information.
- [Jukebox Management]: This feature is used to view the Jukebox capacity or Delete Jukebox files.
- [Display Settings]: Displays the Display Settings screen.
- [Assistant Window]: Displays the Assistant Window settings menu.

Jukebox Management

This feature is used to view the Jukebox capacity or Delete Jukebox files.

For more information on using this feature, refer to “Jukebox Music” on page 61.

Display Settings

Press MENU →[Display Settings].

To learn more, refer to the "Display Settings" section on page 150.

USB Music

USB Music Screen





No.	Name	Description
1	Mode	Displays or changes the currently operating mode.
2	Play file info	Displays the artist, song, and album information.
3	Album art	Shows the currently playing album art.
4	Play mode	Shuffle / Repeat one file
5	Play time	Displays the play time information.
6	File index	Shows the current file/total files.
7	Control panel	Enables use of play/pause/select/search features.
8	List	Displays the mode list screen.

No.	Name	Description
9	Shuffle	Turns Shuffle feature on/off.
10	Repeat	Turns Repeat feature on/off.
11	Scan	This feature previews the beginning part of each file for 10 seconds each.
12	Search	Displays the Search menu. This feature is used to search files by folder, artist, album, song, or genre.
13	Copy to Jukebox	Select files to copy to the Jukebox.
14	Sound Settings	Displays the Sound Settings screen.
15	Assistant Window	Displays the Assistant Window settings menu.

USB Music

Playing USB Music

1. Connect the USB device to the USB connector terminal.
   Once the USB device is connected, USB mode will automatically start.
2. To disconnect USB devices safely, select another feature before disconnecting the USB device.

Information

- If the USB is already connected and you wish to play USB music from a different mode, press the HOME key on the controller then press [Media]→[USB Music].

Playing/Pausing

The currently playing file can be paused/played.

For more information on using this feature, refer to “Jukebox Music” on page 57.

Playing the Previous/Next File

The previous/next file can be played.

For more information on using this feature, refer to “Jukebox Music” on page 57.

Fast-forwarding/Rewinding

The current file can be fast-forwarded or rewound.

For more information on using this feature, refer to “Jukebox Music” on page 57.

Searching Previous/Next Files

Previous/next files can be searched.

For more information on using this feature, refer to “Jukebox Music” on page 57.

Using the List

Playing by Searching Lists

Desired files can be quickly searched for and played by searching lists.

For more information on using this feature, refer to “Jukebox Music” on page 58.

Using the List Menu

For more information on using this feature, refer to “Jukebox Music” on page 58.

USB Music

Shuffle

This feature is used to play files in random order.

For more information on using this feature, refer to “Jukebox Music” on page 59.

Repeat

This feature is used to repeat the current file.

For more information on using this feature, refer to “Jukebox Music” on page 59.

Scan

This feature previews the beginning part of each file for 10 seconds each.

For more information on using this feature, refer to “Jukebox Music” on page 60.

Search

This feature is used to search files by folder, artist, album, song, or genre.

For more information on using this feature, refer to “Jukebox Music” on page 60.

Copy to Jukebox

Files can be selected and copied to the Jukebox.

1. In the play screen, press MENU →[Copy to Jukebox].
2. Select the desired file and press MENU.



3. Press [Copy to Jukebox].

- To select all files, press [Mark All].
- To deselect all selected files, press [Unmark All].

Sound Settings

Press MENU →[Sound Settings].

To learn more, refer to the "Sound Settings" section on page 146.

USB Video

USB Video Screen



No.	Name	Description
1	File name	Displays the name of the current file.
2	Play time	Displays the play time information.
3	Control panel	Enables use of play/pause/select/search features.
4	Play mode	Shuffle / Repeat one file
5	List	Displays the mode list screen.



No.	Name	Description
6	Shuffle	Turns Shuffle feature on/off.
7	Repeat	Turns Repeat feature on/off.
8	Copy to Jukebox	Select files to copy to the Jukebox.
9	Sound Settings	Displays the Sound Settings screen.
10	Display Settings	Displays the Display Settings screen.

USB Video

Playing USB Video

1. Connect the USB device to the USB connector terminal.
   Once the USB device is connected, USB mode will automatically start.
2. To disconnect the USB safely, select another feature before disconnecting the USB device.

Information

- If the USB is already connected and you wish to play USB video from a different mode, press the HOME key on the controller then press [Media]→[USB Video].

Playing/Pausing

The currently playing file can be paused/played.
For more information on using this feature, refer to “Jukebox Music” on page 57.

Displaying USB Video Control Panel

In the play screen, turn or press the controller to display the Control panel.

Changing Media Mode

In the play screen, press the BACK key on the controller to display the Mode Selection screen.

Playing the Previous/Next File

The previous/next file can be played.
For more information on using this feature, refer to “Jukebox Music” on page 57.

Fast-forwarding/Rewinding

The current file can be fast-forwarded or rewound.
For more information on using this feature, refer to “Jukebox Music” on page 57.

Searching Previous/Next Files

Previous/next files can be searched.
For more information on using this feature, refer to “Jukebox Music” on page 57.

USB Video

Using the List

Playing by Searching Lists

Desired files can be quickly searched for and played by searching lists.

For more information on using this feature, refer to “Jukebox Music” on page 58.

Using the List Menu

For more information on using this feature, refer to “Jukebox Music” on page 58.

Shuffle

This feature is used to play files in random order.

For more information on using this feature, refer to “Jukebox Music” on page 59.

Repeat

This feature is used to repeat the current file.

For more information on using this feature, refer to “Jukebox Music” on page 59.

Copy to Jukebox

Files can be selected and copied to the Jukebox.

For more information on using this feature, refer to the “USB Music” on page 71.

Sound Settings

Press MENU →[Sound Settings].

To learn more, refer to the "Sound Settings" section on page 146.

Display Settings

Press MENU →[Display Settings].

To learn more, refer to the "Display Settings" section on page 150.

USB Image

USB Image Screen



No.	Name	Description
1	File name	Displays the name of the current file.
2	Control panel	Enables use of rotate image/stop slide show/ search features.
3	List	Displays the mode list screen.



No.	Name	Description
4	Slide show Interval	Displays the slide show interval menu.
5	Detailed Information	Displays file name, file format, file size and resolution information.
6	Copy to Jukebox	Select files to copy to the Jukebox.
7	Display Settings	Displays the Display Settings screen.

USB Image

Playing USB Images

1. Connect the USB device to the USB connector terminal.
   Once the USB device is connected, USB mode will automatically start.
2. To disconnect USB devices safely, first select another feature before disconnecting the USB device.

Information

- If the USB is already connected and you wish to play USB images from a different mode, press the HOME key on the controller then press [Media]→[USB Image].

Displaying USB Image Control Panel

In the play screen, press the controller to display the Control panel.

Changing Media Mode

In the play screen, press the BACK key on the controller to display the Mode Selection screen.

Playing the Previous/Next File

The previous/next file can be played.

- Use the controller to press [⏮ ⏭].

Zoom In/Out

In the play screen, turn the controller to zoom in/out the image or push up/down/left/right on the controller to move across the image.

Slide Show

This feature allows you to view images in sequential order.
For more information on using this feature, refer to “Jukebox Image” on page 67.

Slide Show Settings

The image slide show interval can be set to 5 seconds, 7 seconds, or 10 seconds.
For more information on using this feature, refer to “Jukebox Image” on page 67.

USB Image

Using the List

Playing by Searching Lists

Desired files can be quickly searched and played by searching lists.

For more information on using this feature, refer to “Jukebox Music” on page 58.

Using the List Menu

For more information on using this feature, refer to “Jukebox Image” on page 70.

Copy to Jukebox

Files can be selected and copied to the Jukebox.

For more information on using this feature, refer to “USB Music” on page 71.

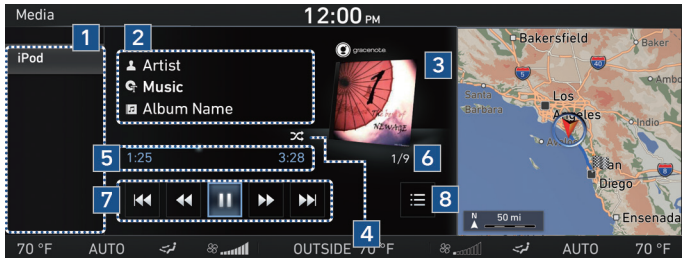
Display Settings

Press MENU →[Display Settings].

To learn more, refer to the "Display Settings" section on page 150.

iPod

iPod Mode Screen



No.	Name	Description
1	Mode	Displays or changes the currently operating mode.
2	Play file info	Displays the artist, song, and album information.
3	Album art	Shows the currently playing album art.
4	Play mode	Shuffle / Repeat one file
5	Play time	Displays the play time information.
6	File index	Shows the current file/total files.
7	Control panel	Enables use of play/pause/select/search features.
8	List	Displays the mode list screen.



No.	Name	Description
9	Shuffle	Turns Shuffle feature on/off.
10	Repeat	Turns Repeat feature on/off.
11	Search	Displays the search menu. Files can be searched by Playlist, Artists, Albums, Song, Genres, Podcast, and Audiobook.
12	Sound Settings	Displays the Sound Settings screen.
13	Assistant Window	Displays the Assistant Window settings menu.

iPod

Playing iPod Music

1. Use an iPod connector cable to connect the iPod device with the USB connection terminal.
2. To disconnect the iPod device safely, first select another feature before disconnecting the iPod device.

Information

- If the iPod is already connected and you wish to play iPod music from a different mode, press the HOME key on the controller then press [Media]→ [iPod].

Playing/Pausing

The currently playing file can be paused/played.

For more information on using this feature, refer to “Jukebox Music” on page 57.

Playing the Previous/Next File

The previous/next file can be played.

For more information on using this feature, refer to “Jukebox Music” on page 57.

Fast-forwarding/Rewinding

The current file can be fast-forwarded or rewound.

For more information on using this feature, refer to “Jukebox Music” on page 57.

Searching Previous/Next Files

Previous/next files can be searched.

For more information on using this feature, refer to “Jukebox Music” on page 57.

Using the List

Playing by Searching Lists

Desired files can be quickly searched for and played by searching lists.

For more information on using this feature, refer to “Jukebox Music” on page 58.

Using the List Menu

For more information on using this feature, refer to “Jukebox Music” on page 58.

iPod

Shuffle

This feature is used to play files in random order.

For more information on using this feature, refer to “Jukebox Music” on page 59.

Repeat

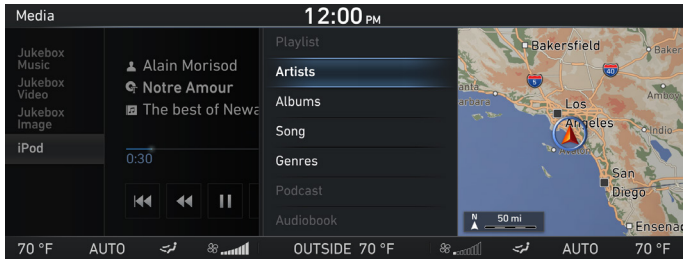
This feature is used to repeat the current file.

For more information on using this feature, refer to “Jukebox Music” on page 59.

Search

Files can be searched by Playlist, Artists, Albums, Song, Genres, Podcast, and Audiobook.

1. In the play screen, press MENU →[Search].



2. From the categories of Playlist, Artists, Albums, Song, Genres, Podcast and Audiobook, select the file you wish to play.

Information

- Some features may be unavailable when playing Podcasts or Audiobooks.

Sound Settings

Press MENU →[Sound Settings].

To learn more, refer to the "Sound Settings" section on page 146.

AUX

AUX Mode

AUX mode can be used only when an external audio player is connected and currently operating.

Use an AUX connector cable to connect the external device to the AUX terminal.



Once the external device is connected, AUX mode will automatically start. Once the connector cable is disconnected, the previous mode will be restored.

Information

- If the external device is connected and you wish to play AUX mode from a different mode, press the HOME key and press [Media]→[AUX].
- Connecting an AUX connector jack without connecting an external device will convert the system to AUX mode, but only output noise. When AUX mode is not in use, make sure to also remove the connector jack.

Sound Settings

Press MENU →[Sound Settings].

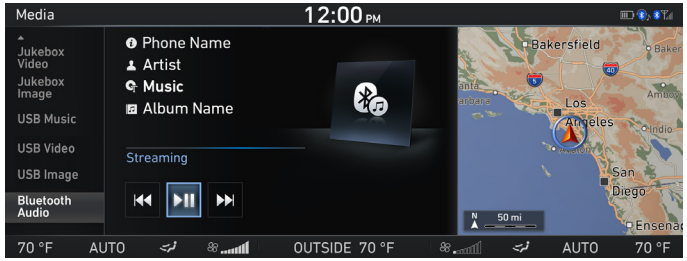
To learn more, refer to the "Sound Settings" section on page 146.

Bluetooth Audio

Starting Bluetooth Audio Mode

- Bluetooth Audio mode can be used only when a Bluetooth device is connected.
- Bluetooth Audio mode will end if the Bluetooth device is disconnected.
- Bluetooth Audio may not be supported in some cellular phones.

Press HOME →[Media] → [Bluetooth Audio].



Information

- If a Bluetooth device is connected, then the [Bluetooth Audio] menu will become enabled.
- Bluetooth Audio will be disabled if an iPhone is connected using a USB cable.

Playing/Pausing

The currently playing file can be paused/played.

Press [⏯] to play/pause.

Information

- The play/pause feature may not be supported in some cellular phones.

Playing the Previous/Next Files

The previous/next file can be played.

Location	Description
Head Unit	• Press the ∨SEEK / TRACK∧ key.
Controller	• Use the controller to press [⏮ ⏭].

Information

- The previous/next file feature may not be supported in some cellular phones.

Bluetooth Audio

Phone Settings

In the play screen, press MENU →[Phone Settings].

To learn more, refer to the "Phone Settings" section on page 156.

Sound Settings

Press MENU →[Sound Settings].

To learn more, refer to the "Sound Settings" section on page 146.

Navigation

General Information

Precautions for Safe Driving

- Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. Do not operate the device while driving.
- Do not stare at the device while driving. Doing so could lead to traffic accidents.
- Always follow actual traffic conditions and regulations. Following only the route guidance can lead to violations of actual traffic regulations and cause traffic accidents.
- Some features cannot be operated while driving or when the vehicle is in motion.
- Road, name, and POI information may not always have been completely updated.
- The route displayed for destination guidance is a reference route that will take you to the vicinity of your destination. The highlighted route may not always be the shortest distance, the least congested, or the fastest route.
- The car position mark does not always indicate your exact location. Errors in displaying your current location may occur due to satellite conditions or your vehicle state (current driving location or conditions). Additionally, the car position mark may differ from the actual position if the map data is different from actual road landscapes caused by new road constructions. If such differences occur, driving for a short period of time will automatically correct the vehicle position through map matching or updates in GPS information. (Several minutes may be required in such cases.)
- This system uses GPS information, various sensors, and road map data to display the current position. However, errors in displaying your location may occur if the satellite is transmitting inaccurate signals or less than two signals are being received.
- Adjust the volume to appropriate levels while driving. Not doing so could lead to traffic accidents.
- Voice guidance may differ from actual road conditions. Always follow actual traffic conditions when driving.

Navigation

Information

- **What is Map Matching?**
  Map Matching is a feature that displays the current position mark on the most appropriate road after comparing current position information acquired through GPS information and roads that were used up to this point.
- **What is GPS?**
  GPS (Global Positioning System): GPS is a system developed and operated by the United States which determines the user's current location (longitude/latitude information) by using three or more satellites. This system is used with related GPS information, various sensors, road map data, and other information to provide navigation guidance.

About the Map

Some roads, site names, and facility information may have changed after map data updates and could differ from actual road conditions.

Information

- For continued map updates, information gathering and surveys are conducted continuously to monitor road changes or new road constructions. Nonetheless, roads, facilities and fares are under constant change and it is not possible to completely remove all errors, including road updates, names, facilities and fares. Please keep this in mind when using the Navigation.
- In principle, roads with widths less than 3m are not included within the map data. Roads with sections with widths less than 3m may be deleted in future map data updates.

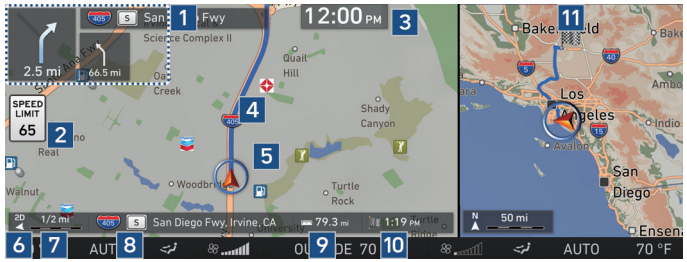
When GPS Info Cannot be Used

GPS may not operate under the following conditions.

- When passing buildings, tunnels, or other obstructions that block satellite signals.
- When materials are placed above the GPS antenna and block satellite signals.
- When satellites are not transmitting radio waves. (Radio waves may not transmit when undergoing modifications or repairs.)

Navigation

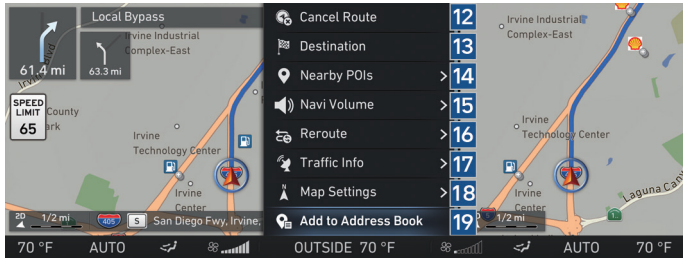
Map Screen



No.	Name	Description
1	Preliminary guidance	Provides distance, direction guidance at turn points and directions within the set route.
2	Speed limit information	Provides speed limit information for the current route.
3	Current time	Displays the current time.
4	Route	Displays the route from the current position to the set destination.
5	Car position mark	Displays the current car position and traveling direction.

No.	Name	Description
6	Map screen mode	Displays the current map screen mode.
7	Map scale	Adjusts the map scale.
8	Current location	Displays the address or name of the current location.
9	Remaining distance	Displays the remaining distance to reach the destination.
10	ETA/Remaining time	Displays the ETA (estimated time of arrival) or the remaining time to reach the destination.
11	Assistant window	Displays map, intersection zoom and turn list information. The Assistant window can be turned on/off. When the Assistant window is turned off, the map is shown on the entire screen.

Navigation

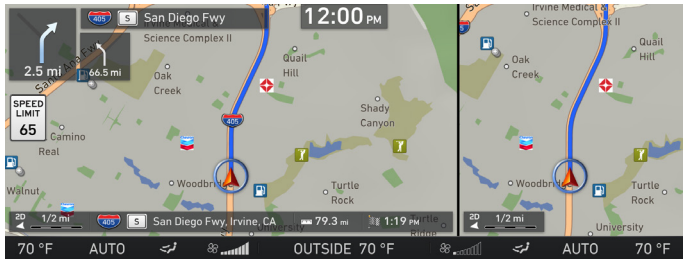


No.	Name	Description
12	**Cancel Route**	Stops route guidance to the set destination.
	Resume Route	Restart route guidance to the set destination.
13	**Destination**	Moves to the Search Destination menu.
14	**Nearby POIs**	Searches nearby POIs.
15	**Navi Volume**	Sets the navigation voice guidance volume.
16	**Reroute**	Recalculates the route.
17	**Traffic Info**	Displays the Traffic information menu.
18	**Map Settings**	Displays the Map Settings menu.
19	**Add to Address Book**	Adds current location to [Address Book].

Operating the Navigation on map screen

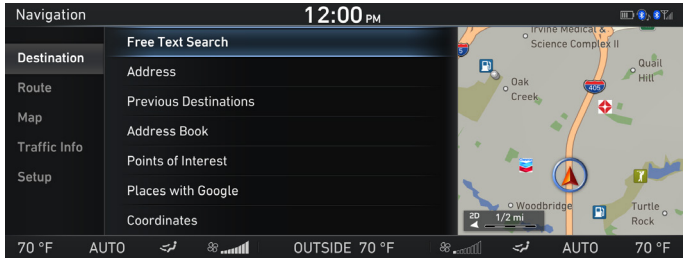
Starting Map

1. Press the MAP VOICE key on the head unit. The map screen will be displayed. Or press HOME →[Map].



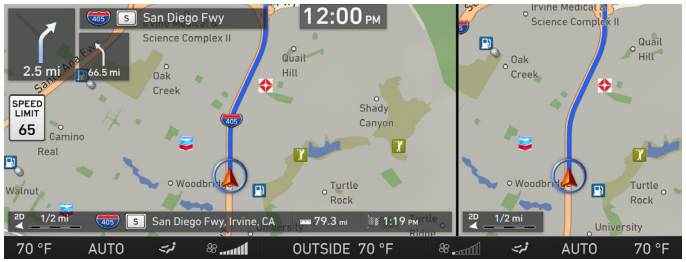
Navigation Menu Screen

1. Press HOME →[Navigation]. The Navigation menu screen will be displayed.



Displaying Current Position

While using the system, press the MAP VOICE key on the head unit to display the map of the current position and the neighboring area.



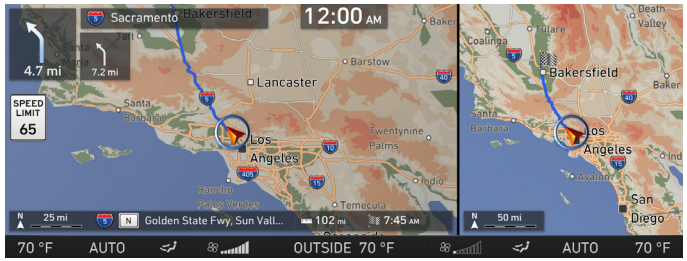
Information

- Press the MAP VOICE key to repeat voice guidance for the current position.

Navigation

Changing Map Scale

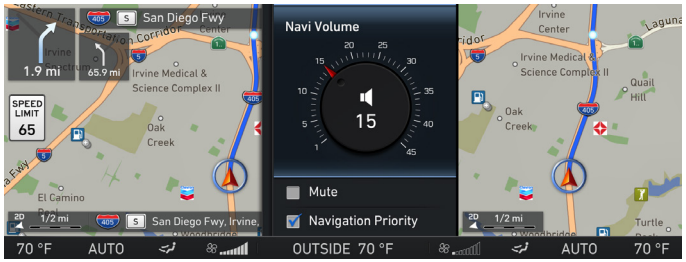
Turn the controller to change the map scale.



Adjusting Navi Volume

This feature is used to adjust the navigation voice guidance volume.

1. In the map screen, press MENU →[Navi Volume].



- [Navi Volume]: Adjusts the Navi Volume.
- [Mute]: Check the box to mute Navi Volume.
- [Navigation Priority]: Navigation Guidance volume is louder than audio volume.

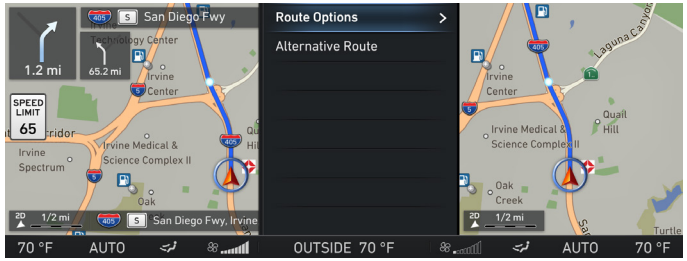
Navigation

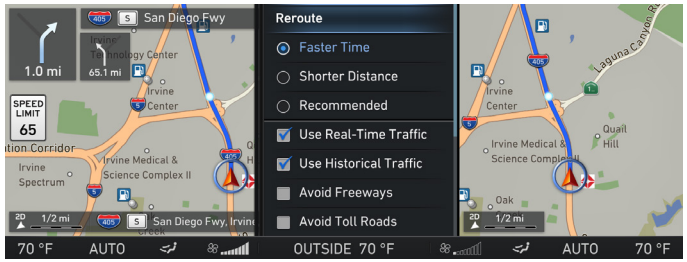
Recalculating Route

Routes can be recalculated by changing routing conditions.

Changing Routing Conditions

1. In the map screen, press MENU →[Reroute]→[Route Options].
2. Select the desired option and press [Reroute]

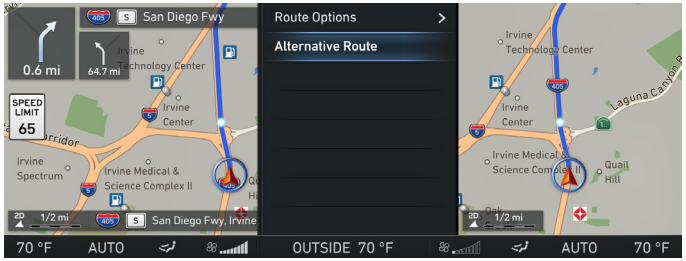


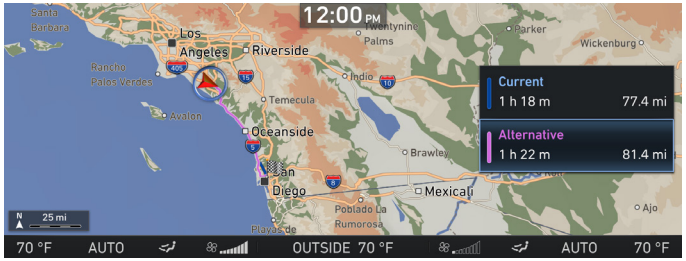


Alternative Routes

Routes can be changed by routing for Alternative routes.

1. In the map screen, press MENU →[Reroute]→[Alternative Route].



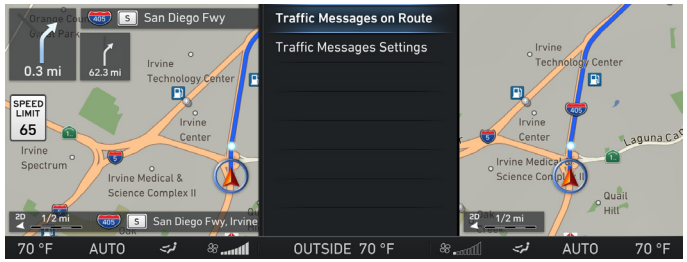


Navigation

Traffic Information

This feature is used to view traffic messages along the route and set Traffic messages settings.

1. In the map screen, press MENU →[Traffic Info].

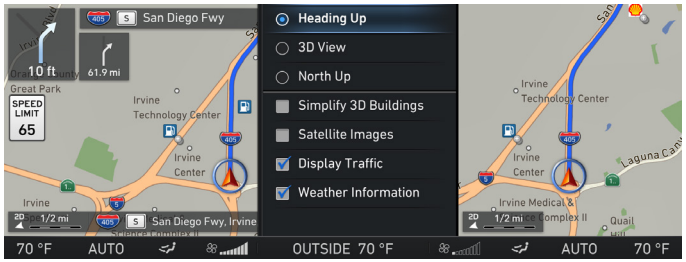


For more information, refer to the "Traffic information" section on page 113.

Map Settings

This menu is used to make map screen settings.

1. In the map screen, press MENU →[Map Settings].



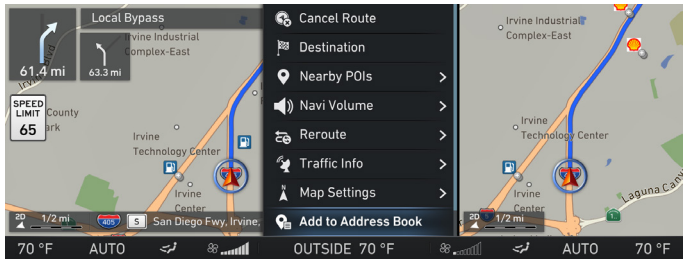
- [Heading Up]: Displays map in vehicle traveling direction.
- [3D View]: Displays map in 3D mode.
- [North Up]: Display map with north always facing up.
- [Simplify 3D Buildings]: Displays buildings in simplified view.
- [Satellite Images]: Displays map with satellite images.
- [Display Traffic]: Displays map with traffic information.
- [Weather Information]: Displays map with weather information.

Navigation

Adding Locations to Address Book

The current location can be added to your Address Book.

1. In the map screen, press MENU →[Add to Address Book].

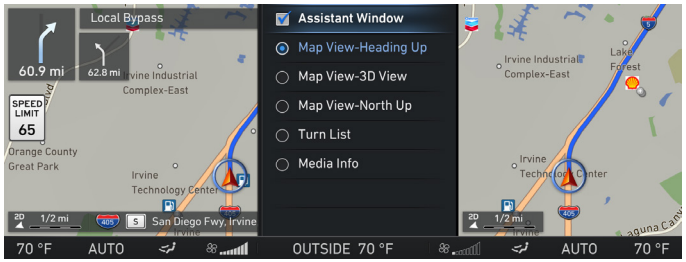


2. Add the desired location.

Using Assistant Window

This menu is used to turn the Assistant window on/off and select related modes.

1. In the map screen, press MENU →[Assistant window].



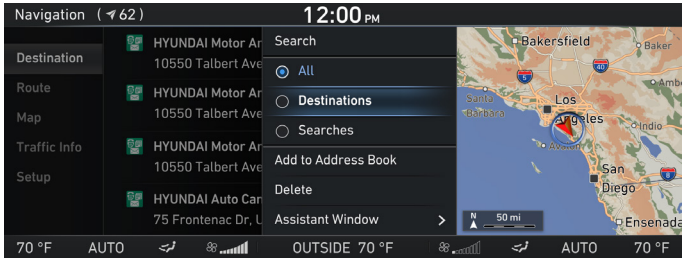
- [Assistant Window]: Turns the Assistant window on/off.
- [Map View-Heading Up]: Displays map in vehicle traveling direction.
- [Map View-3D View]: Displays map in 3D mode.
- [Map View-North Up]: Displays map so that north is always facing up.
- [Turn List]: Displays TBT (Turn By Turn) information.
- [Media Info]: Displays the currently playing media information.

Navigation

Searching Previous Destinations

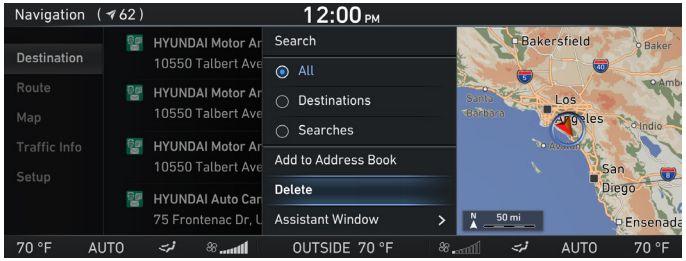
Previous Destinations can be searched by Destinations or Searches.

In the Previous Destinations screen, press MENU →[Destinations] or [Searches].

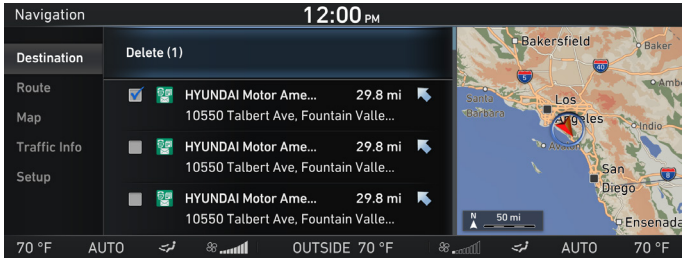


Deleting Previous Destinations

1. In the Previous Destinations screen, press MENU →[Delete].



2. Select the location you wish to delete and press [Delete(number)].



Information

- You can also delete the locations by press MENU →[Delete].

Navigation

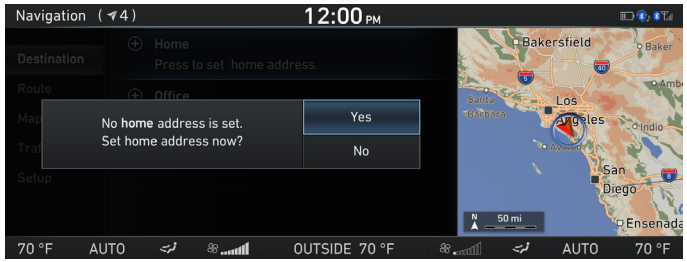
Adding/Editing/Deleting Address Book

Add Address Book and POIs in advance to conveniently use as destinations in the future. Added Address Book can be edited/deleted.

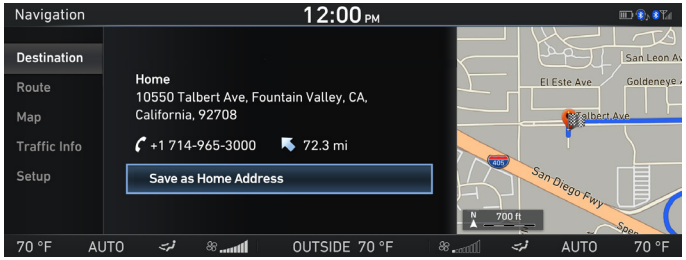
Adding Home and Office

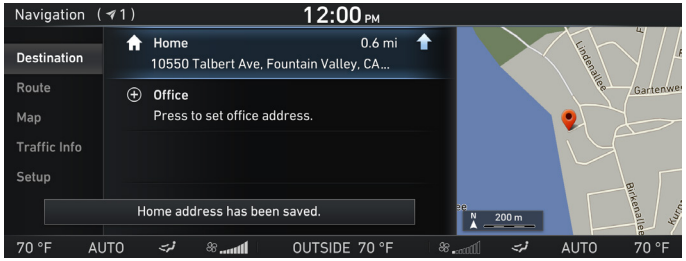
Frequently visited destinations, such as Home or Office, can be added for use as destinations in the future.

1. Press HOME →[Navigation]→[Destination].
2. Press [Address Book].
3. Press [Home] or [Office].



4. Press [Yes].
5. Use the search menu to set the location.
6. After selecting the desired result, press [Save as Home Address] or [Save as Office Address].



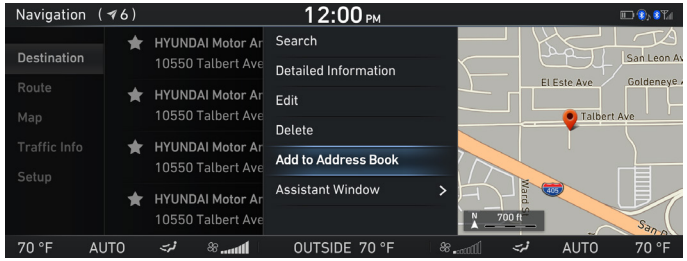


Navigation

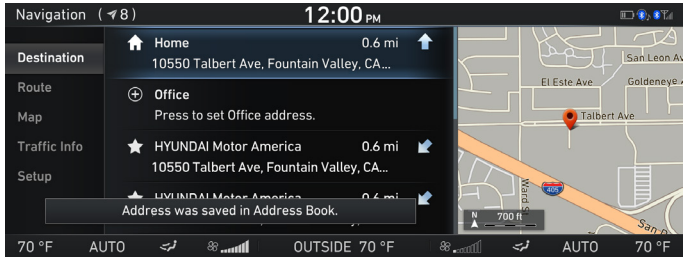
Adding to Address Book

The desired location can be added to your Address Book.

1. Press HOME →[Navigation]→[Destination].
2. Press [Address Book].
3. Press MENU →[Add to Address Book].

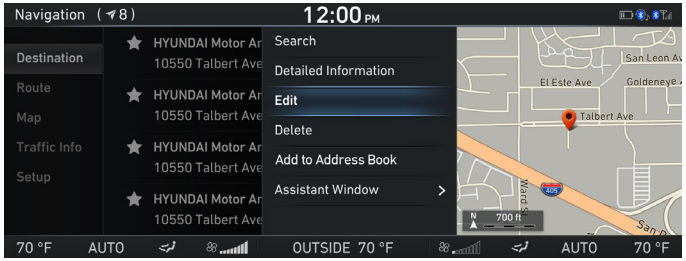


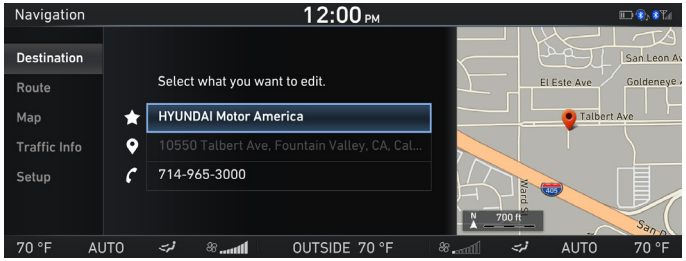
4. Use the search menu and select the location to save.



Editing Address Book

1. Press HOME →[Navigation]→[Destination].
2. Press [Address Book].
3. Use the controller to select the desired menu.
4. Press MENU →[Edit].
5. Select the item you wish to edit.

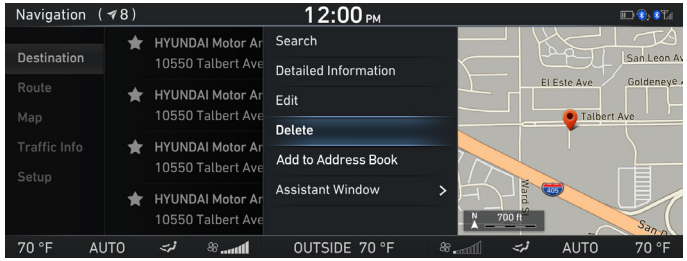


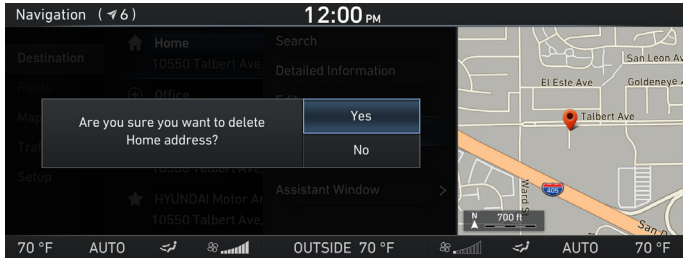


Navigation

Deleting Home and Office

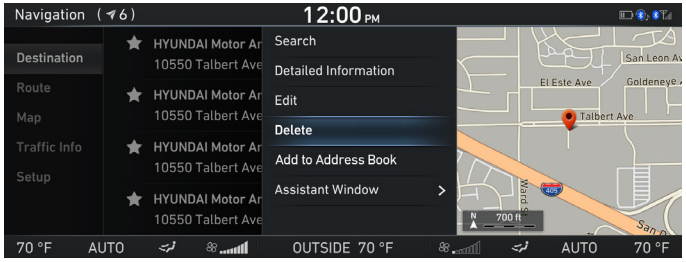
1. Press HOME →[Navigation]→[Destination].
2. Press [Address Book].
3. Use the controller to select the desired menu.
4. Press MENU →[Delete].
5. Press [Yes].





Deleting Address Book Entries

1. Press HOME →[Navigation]→[Destination].
2. Press [Address Book].
3. Use the controller to select the desired menu.
4. Press MENU →[Delete].





Navigation

Searching for Destinations

Displaying Destination Search Screen

Press HOME →[Navigation]→[Destination].

Or in the map screen, press MENU →[Destination].



No.	Name	Description
1	Free Text Search	Uses keywords to search for destinations.
2	Address	Uses addresses to search for destinations.
3	Previous Destinations	Uses previous destinations (recent searches, recent destinations) for use as destinations.
4	Address Book	Searches for destinations within the Address Book.
5	Points of Interest	Searches POIs by keyword, Along the Route, Near Destination, In a Different City, or category for use as destinations.
6	Places with Google	Searches Google for places to set as destinations. ※ This feature is available only when Blue Link is activated.
7	Coordinates	Uses coordinates to search for destinations.

Navigation

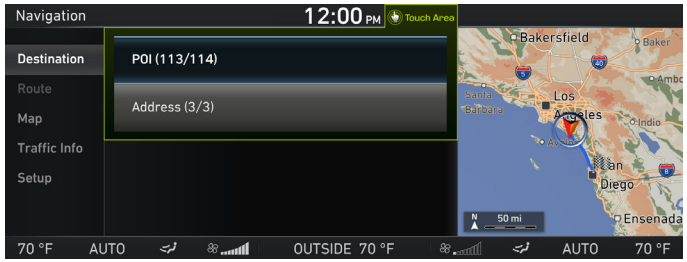
Setting Destinations through Free Text Search

Destinations can be set by entering keywords.

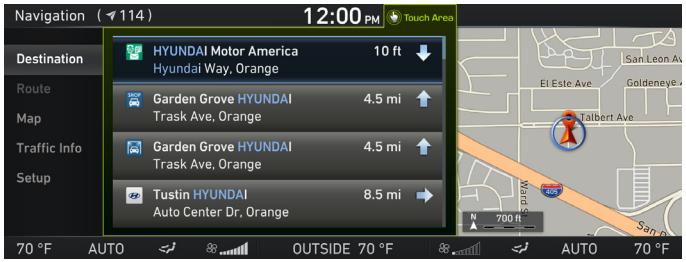
1. Press HOME →[Navigation]→[Destination]→[Free Text Search].
2. Enter the keyword and press [↵].



3. From the search category, select the desired menu.



4. From the search results, select the desired destination.

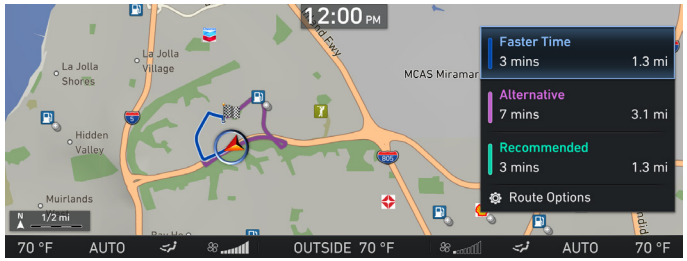


Information

- Within the touch area, touch the desired menu to select.
- In the Free Text Search screen, press MENU →[Search by Address]/[Search by POI] to directly display the search result screen.

Navigation

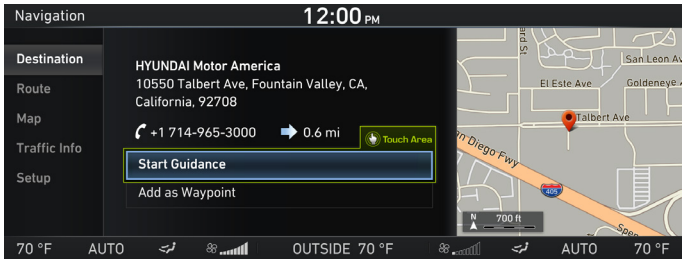
5. Select the desired route to start guidance.
   Displays 3 possible routes for the selected destination.



- [Faster Time]: Reflects traffic information to provide guidance through the fastest route.
- [Shorter Distance]: Provides guidance through the shortest distance route from start point to destination.
- [Alternative]: Provides guidance through alternative routes.
- [Recommended]: Provides guidance through route with optimal traffic conditions by reflecting traffic and historical traffic information.
- [Route Options]: Used to change route options to search different routes.

Information

- The Faster Time or Shorter Distance routing options are displayed as default.
- In certain conditions, the ETA for fast routes may be longer than other routes.
- Once a destination is set, the following screen is displayed.
- Press [Start Guidance] to change the destination or press [Add as Waypoint] to add the location as a waypoint.

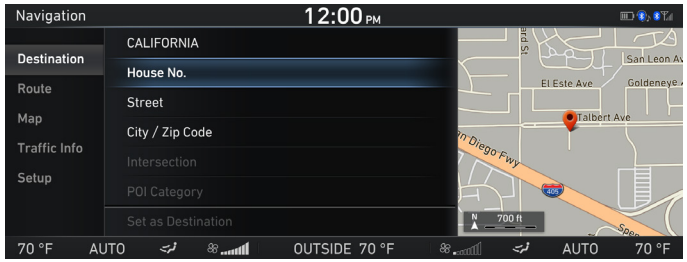


Navigation

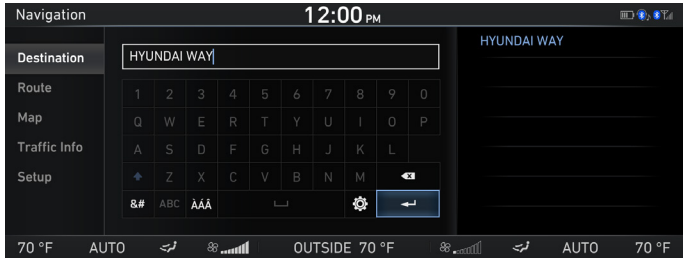
Setting Destinations through Address

Destinations can be set by entering addresses.

1. Press HOME →[Navigation]→[Destination]→[Address].



2. Enter addresses in order of City/Zip Code → Street name.



3. Enter the house number and press [↵].
4. Press [Set as Destination].
5. For subsequent operations, refer to the "Setting Destinations through Free Text Search" section on page 98.

Setting Destinations through Previous Destinations

Destinations can be set using recent searches or previous destinations.

1. Press HOME →[Navigation]→[Destination]→[Previous Destinations].
2. Select the desired destination.



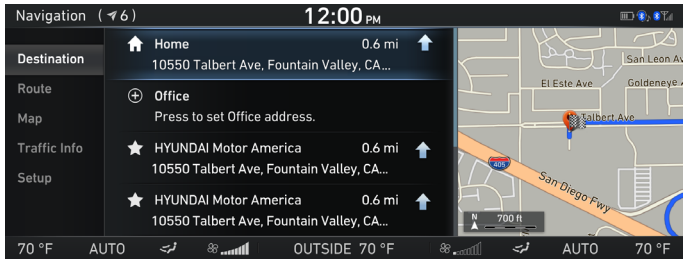
3. For subsequent operations, refer to the "Setting Destinations through Free Text Search" section on page 98.

Navigation

Setting Destinations through Address Book

Destinations can be set using your Address Book entries.

1. Press HOME →[Navigation]→[Destination]→[Address Book].
2. Select the desired destination from the list.



3. For subsequent operations, refer to the "Setting Destinations through Free Text Search" section on page 98.

Information

- For more information on adding Address Book entries, refer to the "Adding to Address Book" section on page 95.

Setting Destinations through Points of Interest

Destinations can be set by searching through various POI categories, including restaurants, shopping, accommodation, etc.

1. Press HOME →[Navigation]→[Destination]→[Points of Interest].
2. Press [Keyword]. Enter the name of the POI you are looking for.



3. After entering the name, press [↵].



4. Set the search area.
   Search areas include, Near Current Location, Along the Route, Near Destination, or In a Different City.



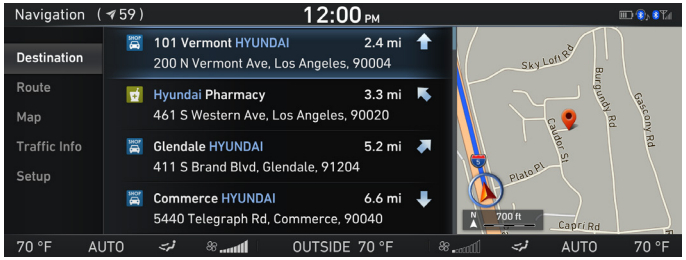
5. Select the POI category.



Information

- Press MENU →[Search] to directly enter the desired category.

6. Select the desired destination from the list.



7. For subsequent operations, refer to the "Setting Destinations through Free Text Search" section on page 98.

Information

- You can search for POI categories without entering keywords or selecting a category. Press [Start Search] based on search areas, such as Near Current Location or Along the Route, to search for POIs in all categories.

Navigation

Setting Destinations through Google Search

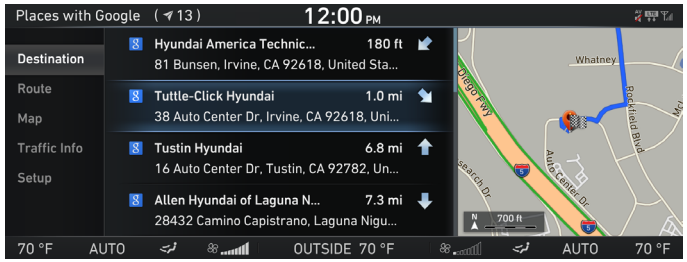
Locations within Google can be set as destinations.

To use Google Search, you must first subscribe to Blue Link.

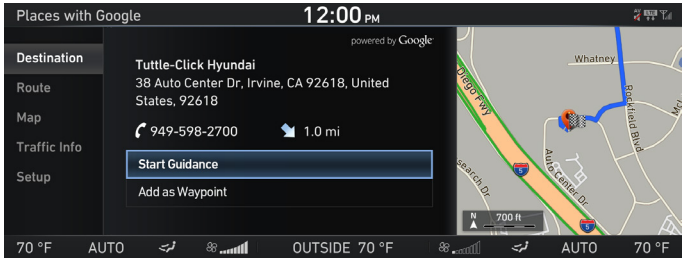
1. Press HOME →[Navigation]→[Destination]→[Places with Google].
2. After entering the name, press [↵].



3. Select the desired item from the list.



4. Press [Start Guidance]



5. For subsequent operations, refer to the "Setting Destinations through Free Text Search" section on page 98.

Information

- When using Google Search, always enter full names accurately. (Searches using initials or consonants are not supported.)
- Press MENU to use the [Add to Address Book], [Call], [Detailed Information] features.

Navigation

Setting Destinations through Coordinates

Destinations can be set using coordinates.

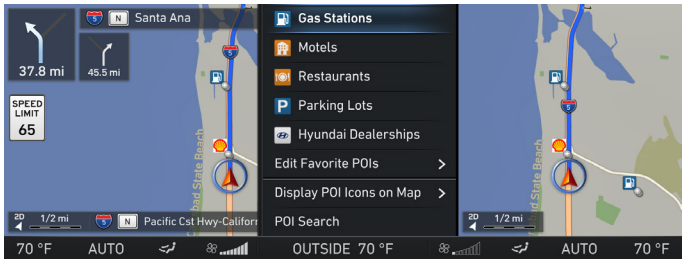
1. Press HOME →[Navigation]→[Destination]→[Coordinates].
2. Enter the latitude/longitude coordinates and press [↵].



3. For subsequent operations, refer to the "Setting Destinations through Free Text Search" section on page 98.

Setting Destinations through Nearby POIs

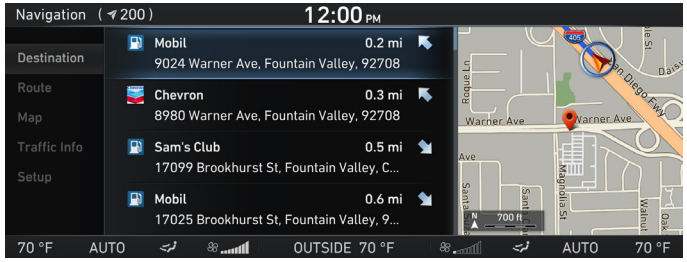
1. In the map screen, press MENU →[Nearby POIs].
2. Select the desired category from the list.



- [Edit Favorite POIs]: Used to edit frequently used POI categories.
- [Display POI Icons on Map]: Used to display or turn off POI icons on the map.
- [POI Search]: Used to search POIs in all categories.

Navigation

3. Select the desired item.

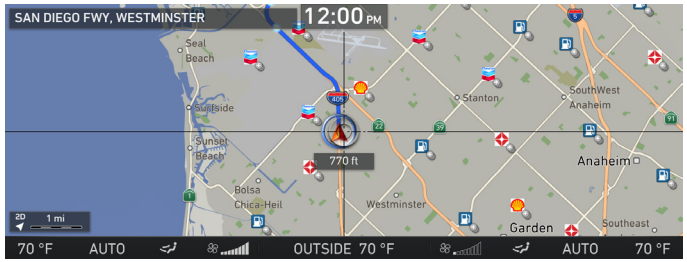


4. For subsequent operations, refer to the "Setting Destinations through Free Text Search" section on page 98.

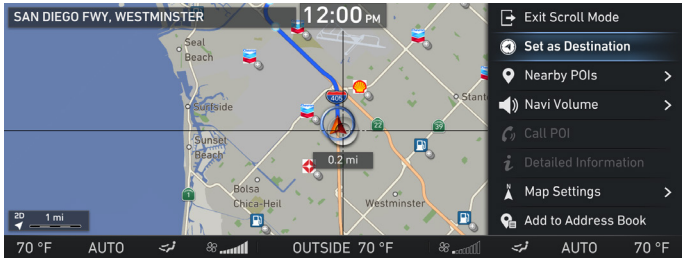
Setting Destinations using Scroll

Destinations can be set by scrolling the current map position.

1. In the map screen, push and hold the controller in up/down/left/right/diagonal direction.



2. Upon reaching the desired position, press the controller or press MENU →[Set as Destination].



3. For subsequent operations, refer to the "Setting Destinations through Free Text Search" section on page 98.

Information

- Scrolling the map will prevent it from following vehicle movements.
- Press the MAP VOICE key on the head unit or the BACK key on the controller to restore your current position.
- When scrolling the map, the name of the scrolled location is shown at the top of the screen.
- When scrolling the map, the map direction will not change.

Route Settings

Route Screen

After setting the destination, press HOME →[Navigation] →[Route].

The Route menu is available only when a destination has been set.



No.	Name	Description
1	Cancel Route	Cancels route set to the current destination.
2	Route Options	Used to change route options to search different routes.
3	Edit Route	Waypoints and destination are displayed in list form. They can be added, deleted or edited.
4	Route Preview	Used to check route details and information.
5	Detour	Used to select and edit detours by selecting a start and end point along the route.

Navigation

Canceling Route

The route set to the current destination can be canceled.

1. After setting the destination, press HOME →[Navigation] →[Route]→[Cancel Route].



2. To restart guidance, press HOME →[Navigation] →[Route] →[Resume Route].



Information

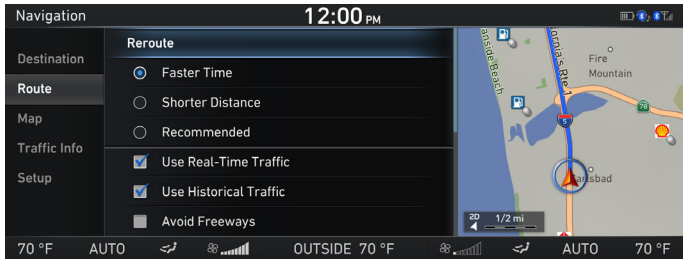
- The route can also be canceled by pressing MENU →[Cancel Route] on the map screen.

Navigation

Changing Route Options

The route options for the current route can be changed using various routing options.

1. Press HOME →[Navigation] →[Route] →[Route Options].
2. Select the desired option and press [Reroute].



- [Faster Time]: Reflects traffic information to provide guidance through the fastest route.
- [Shorter Distance]: Provides guidance through the shortest distance route from start point to destination.
- [Recommended]: Provides guidance through route with optimal traffic conditions by reflecting traffic and historical traffic information.
- [Use Real-Time Traffic]: Sets whether to use real-time traffic information.
- [Use Historical Traffic]: Sets whether to use traffic data.
- [Avoid Freeways]: When turned on, sets route with minimal freeway use.
- [Avoid Toll Roads]: When turned on, sets route with minimal use of toll roads.
- [Use Electronic Toll]: Sets whether to use electronic toll pass.
- [Use HOV/Carpool Lanes]: Sets whether to use HOV/Carpool lanes.
- [Avoid Tunnels]: When turned on, sets route with minimal use of tunnels.
- [Avoid Ferries/Car Trains]: When turned on, sets route with minimal use of ferries/car trains.
- [Avoid Unpaved Roads]: When turned on, sets route with minimal use of unpaved roads.
- [Avoid U-Turns]: When turned on, sets route with minimal use of U-turns.

Information

- Some options are automatically selected for certain routes.

Navigation

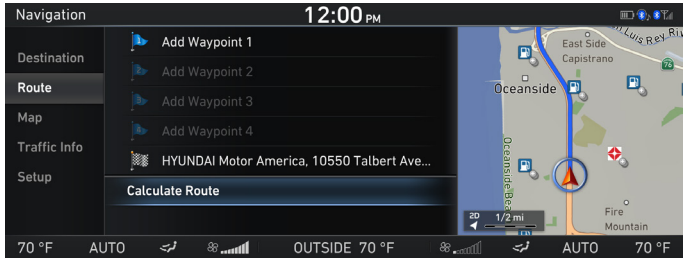
Edit Route

Waypoints and the destination are displayed in list form. They can be added, deleted or edited.

Adding a Waypoint

After setting a destination, up to four waypoints can be added. If you have already added four waypoints, please delete one to add a new one.

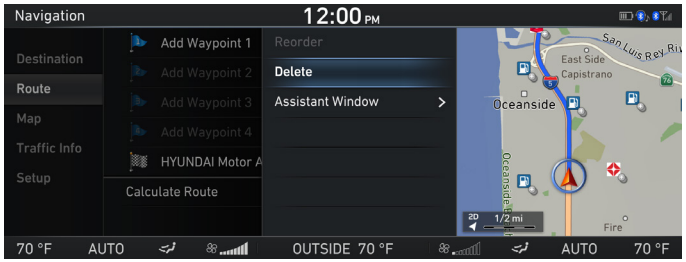
1. Press HOME →[Navigation]→[Route]→[Edit Route].



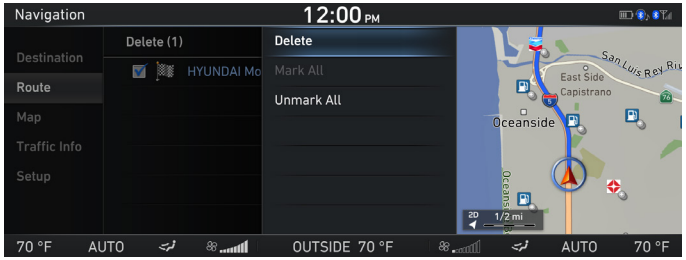
2. Press [Add Waypoint 1].
3. Use the [Destination] menu to set the waypoint.
4. To add more waypoints, repeat steps 2 and 3 with other waypoints.
5. Press [Calculate Route].

Deleting Destination/Waypoints

1. Press HOME →[Navigation]→[Route]→[Edit Route].
2. Press MENU →[Delete].



3. Select the location you wish to delete.
4. Press MENU →[Delete].



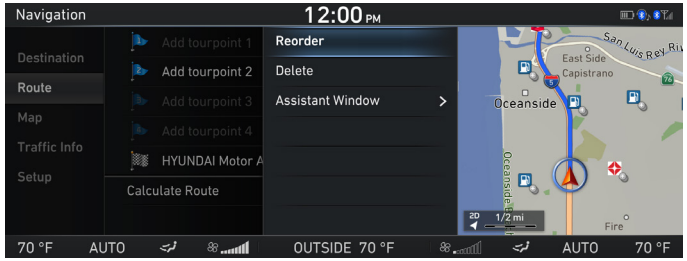
- To select all locations, press [Mark All].
- To deselect all selected locations, press [Unmark All].

Navigation

Reordering Waypoints

After adding waypoints, the order between waypoints or between a waypoint and the destination can be changed.

1. Press HOME →[Navigation]→[Route]→[Edit Route].
2. Press MENU →[Reorder].



3. Reorder the desired waypoints and/or destination.

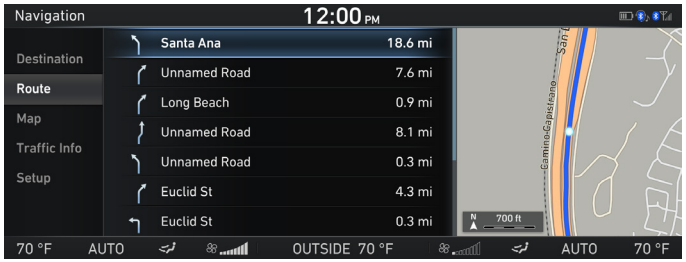


4. Press [Calculate Route].

Route Preview

This menu is used to preview information for the current route.

1. Press HOME →[Navigation]→[Route]→[Route Preview].

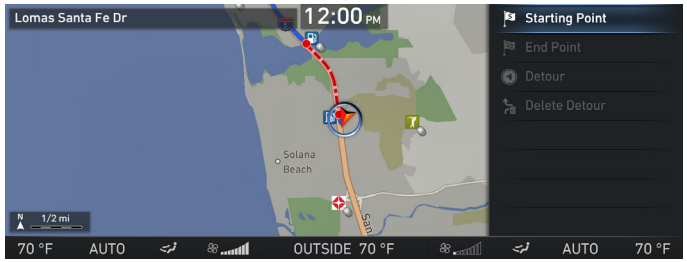


Navigation

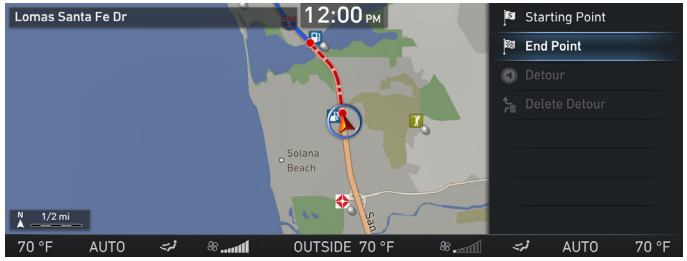
Detour

This menu is used to select and edit detours by selecting a start and end point along the route.

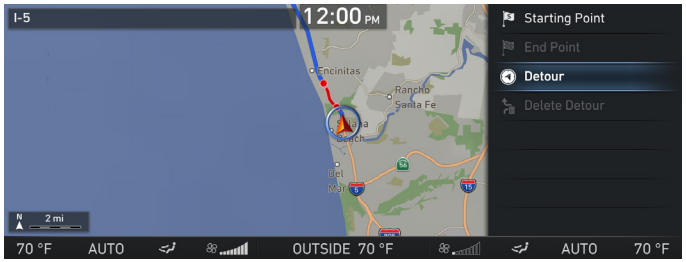
1. Press HOME →[Navigation]→[Route]→[Detour].
2. Press [Starting Point].



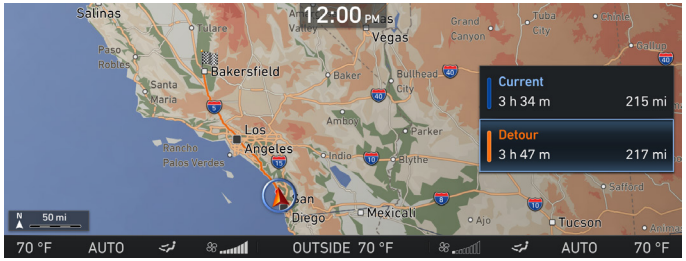
3. Set the starting point and end point of the detour area.



4. Press [Detour].



5. Select the desired route.

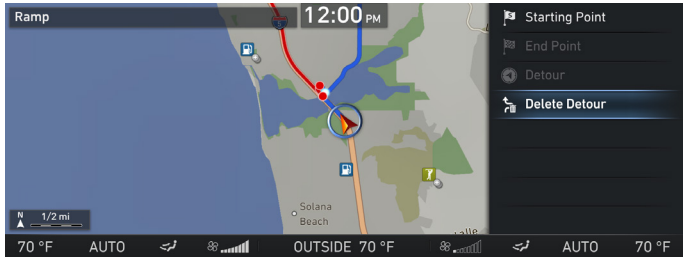


- [Current]: Uses the current route for route guidance.
- [Detour]: Uses the detour route for route guidance.

Navigation

Deleting Detour Settings

1. Press HOME →[Navigation]→[Route]→[Detour].
2. Press [Delete Detour].
   The previous route will be recalculated for guidance.



Map

Press the following to display the map screen.

1. Press HOME →[Navigation] →[Map].

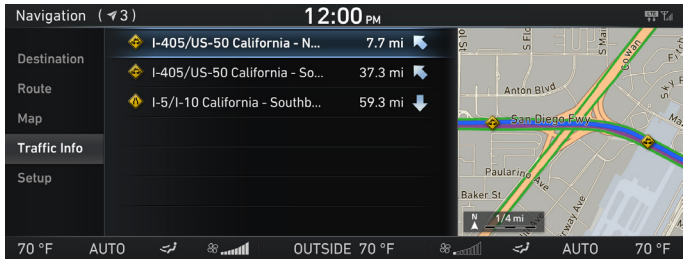


Navigation

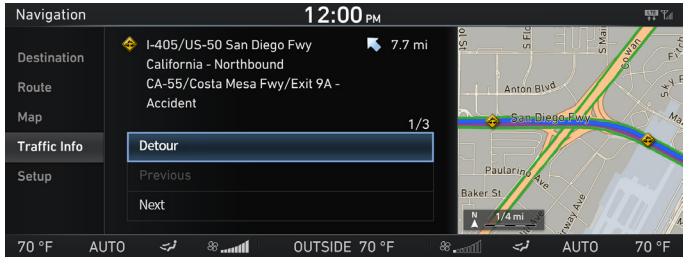
Traffic Information

This menu provides traffic information for areas nearby the current position and current route.

1. Press HOME →[Navigation] →[Traffic Info].



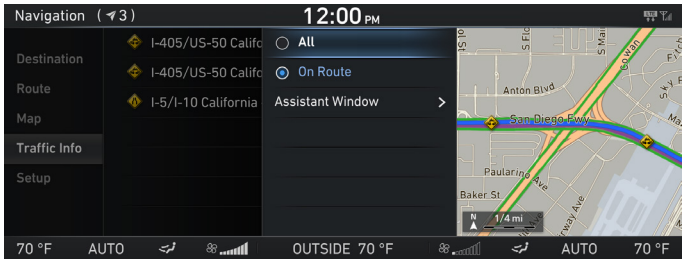
2. Select the desired information.



Using the Menu

The following options can be used to view the desired traffic information categories.

1. In the traffic information screen, press MENU.



- [All]: Displays all traffic information.
- [On Route]: Displays traffic information on the route to the destination.

Information

- The Default option is [On Route].

Navigation

Navigation Settings

This menu is used to set various Navigation options.

1. Press HOME →[Navigation]→[Setup].



2. To learn more about Navigation Settings, refer to the "Navigation Settings" section within Setup section on page 143.

Bluetooth Handsfree

What is Bluetooth?

- Bluetooth Wireless Technology refers to short-distance wireless networking technology which uses a 2.40~2.48 GHz frequency to connect various devices within a certain distance.
- Bluetooth handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth cell phones through the multimedia system.
- The Bluetooth handsfree feature may not be supported in some cell phones.

Precautions for Safe Driving

- Excessive use or operation while driving may lead to negligent driving practices and cause accidents.
- Bluetooth handsfree is a feature that promotes safe driving practices. Connecting the head unit with a Bluetooth phone allows the user to conveniently make calls, receive calls, and manage contacts.
- 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 when Connecting a Bluetooth Phone

- Before connecting the head unit with the cell phone, check to see that the cell phone supports Bluetooth features.
- Even if the phone supports Bluetooth, the phone cannot be connected with the head Unit when the connection mode is set to hidden state. Disable the hidden state before connecting the phone with the head Unit.
- 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.
  (Refer to the "Auto Connection Priority" section on page 160.)
- When pairing is unsuccessful, please go to www.hyundaiusa.com/Bluetooth.

Bluetooth Handsfree

Pairing and Connecting a Phone

When No Phones are Paired (Pairing a New Device)

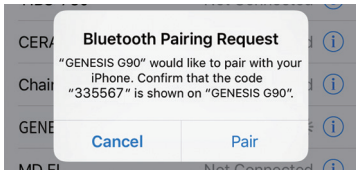
1. Press the [ ] key on the steering remote controller or press the PHONE key on the controller.
2. Once the Bluetooth Connection screen is displayed, press [Add New Device].





- To cancel pairing a new device, press [Cancel].
- To view the Bluetooth Help section, press [Help].

3. Within the Bluetooth pairing screen in your Bluetooth device, search and select the vehicle name.



<Example of Bluetooth Device Screen>

4. Verify the passkey and proceed with pairing from your Bluetooth device.

Information

- The default vehicle name is GENESIS G90 and the default passkey is "0000".
- Some Bluetooth devices may require you to enter the passkey while others may not.

Bluetooth Handsfree

5. Once pairing is approved from the mobile device, mobile contacts and call history will begin downloading.



6. Bluetooth handsfree will be available once the connection process is complete.



When a Phone is Already Paired

1. Press HOME →[Setup] →[Phone] →[Bluetooth Connection]. The Bluetooth connection screen is displayed.



2. Select the device you wish to connect.



Information

- If the device you are trying to connect does not exist, press the [Add New Device] button to pair the device.

Bluetooth Handsfree

3. Within the Bluetooth connection screen in your Bluetooth device, approve connection.
4. The name of the connected Bluetooth device is displayed on the screen.



Information

- Up to five Bluetooth® devices can be paired to the Car handsfree system.
- Only one Bluetooth® device can be connected at a time.
- Other devices cannot be paired while a Bluetooth® device is connected.
- Only Bluetooth® handsfree, Contacts Sync, and Bluetooth Audio features are supported.
- Bluetooth handsfree is supported only within the front display.
- If pairing is unsuccessful, the following message is displayed. Press [OK] and try again.



Bluetooth Handsfree

Disconnecting Bluetooth Devices

1. In the Phone screen, press MENU →[Phone Settings] →[Bluetooth Connection]. Or press HOME →[Setup] →[Phone] →[Bluetooth Connection].
2. Select the currently connected device.
3. Press [Yes].



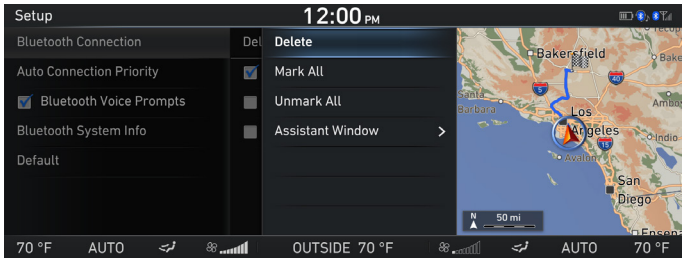
4. To connect another device, select the desired device and proceed with the connection process.

Information

- You can also disconnect a device by pressing MENU →[Disconnect] →[Yes] within the Bluetooth Connection screen.

Deleting a Device

1. In the Phone screen, press MENU →[Phone Settings] →[Bluetooth Connection]. Or press HOME →[Setup] →[Phone] →[Bluetooth Connection].
2. Press MENU →[Delete].
3. Select the device you wish to delete and press MENU →[Delete] .



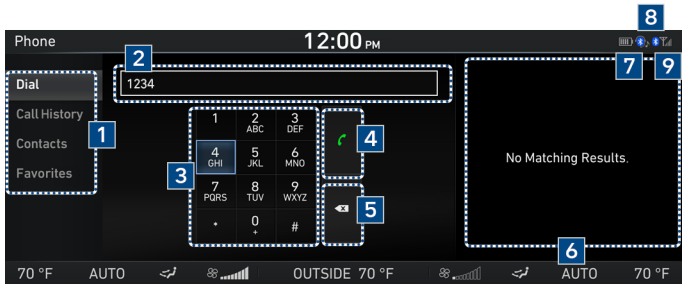
- To select all devices, press [Mark All].
- To deselect all selected devices, press [Unmark All].

Information

- Once a device is deleted, the call history and contacts that were saved to the head unit are also deleted.

Bluetooth Handsfree

Phone Screen



No.	Name	Description
1	Menu	Displays phone features and menus.
2	Number field	Shows entered numbers.
3	Dial pad	Used to enter numbers. The entered numbers are shown in the number field.
4	(Send)	If a number has been entered, calls the number. If no number has been entered, calls the most recently dialed number.
5	(Delete)	Deletes entered numbers.
6	Search results	Displays the contact and number search results.
7	(Battery level icon)	Displays the remaining battery level.
8	(Bluetooth connection icon)	Displays whether the Bluetooth phone is connected with the head Unit. During a call, the Bluetooth icon ( ) will change to the handset icon ( ).
9	(Reception level antenna icon)	Displays the call signal strength through a bar graph.

Information

- The cell phone battery and signal strength icons may not be supported in some cell phones.
- The remaining battery level displayed in your cell phone may slightly differ from the device.

Bluetooth Handsfree

Using Bluetooth

Making a Call

1. In the Phone screen, use the dial pad to enter the phone number.
2. Press [ ] on the Phone screen or press the [ ] key on the steering remote controller to make a call.

Information

- Press the [ ] button to delete dialed numbers.
- Press and hold the [0] on the dial pad to enter a "+".
- Calls can be made without entering the full phone number, but entering just a part of the number. (For example, if you enter '010', all contacts that include those numbers are displayed on the right side of the screen.
- Select the desired contact and press [ ] on the Phone screen or press the [ ] key on the steering remote controller.

Making a Call from Speed Dial

In the Phone screen, press and hold (over 0.8 seconds) the speed dial number.

- If the speed dial number is one digit - if the speed dial number is 8, press and hold 8.
- If the speed dial number is two digits - if the speed dial number is 12, press 1 then press and hold 2.

Information

- This feature may not be supported in some cell phones.

Calling through Redial

In the Phone screen (when a number has not been entered), press and hold [ ] on the Phone screen or the [ ] key on the steering remote controller to redial the most recently dialed number.

Information

- Redialing is not possible when there is no dialed call history or the Bluetooth® phone has not been connected.
- In the Phone screen (when a number has not been entered), shortly press [ ] on the Phone screen or the [ ] key on the steering remote controller to input the most recently dialed number.

Bluetooth Handsfree

Using Call History

1. In the Phone screen, press [Call History]. The Call History screen is displayed.
2. Press the MENU key and select the desired option.



- [All Calls]: Entire calls list
- [Received Calls]: Received calls list
- [Dialed Calls]: Dialed Calls list
- [Missed Calls]: Missed calls list
- [Detailed Information]: Displays the name and the phone number

3. Select the contact you wish to call.

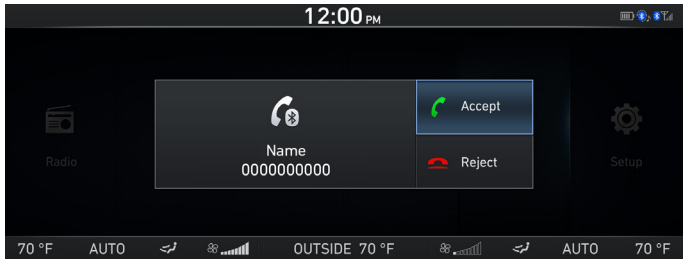
Information

- Saving call history to the device may not be supported for some cell phones.
- Calling through the call history is not possible when call history does not exist or a Bluetooth® phone is not connected.
- Up to 50 received, dialed and missed calls can each be saved.
- If a call history list does not exist in the system, use the [Download] menu to download the list. Once selected, the list is downloaded automatically.
- For more information on [Detailed Information] and [Add to Favorites] features, refer to the corresponding sections within this manual.

Bluetooth Handsfree

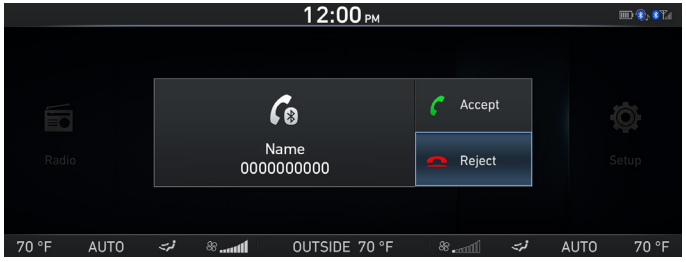
Answering a Call

1. When there is an incoming call you wish to accept, press the [Accept] button or the [ ] key on the steering remote controller.
2. The incoming call is connected.



Rejecting a Call

1. When there is an incoming call you wish to reject, press the [Reject] button or the [ ] key on the steering remote controller.
2. The incoming call is rejected.



Information

- The telephone number may not be displayed in some cell phones. The reject call function may not be supported in some cell phones.

Bluetooth Handsfree

Switching to Call Waiting

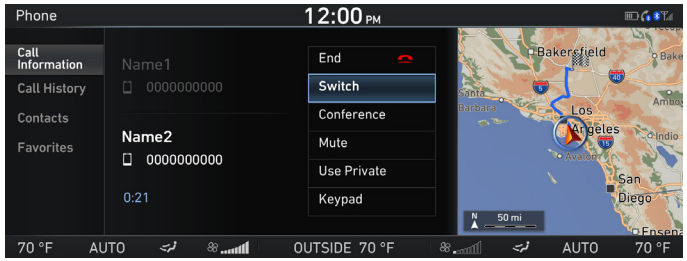
If another person calls while you are already on a call, the current call must be placed on hold or ended to answer the new call.

1. If there is a waiting call, the following screen is displayed.



- [Accept]: Holds current call and answers new call.
- [Reject]: Rejects new call and maintains current call.
- [Hold]: Places new call on hold and maintains current call.

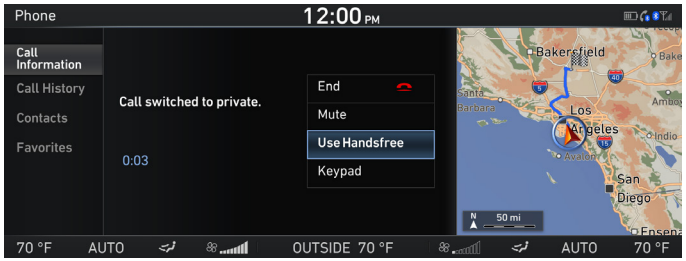
If there is a call waiting, press [Switch] to switch to the waiting call.



Switch Call to Private/Handsfree

The call can be switched from the handsfree to the cell phone, and from the cell phone to the handsfree.

1. During a handsfree call, press [Use Private] to switch the call to the cell phone.
2. Once the call is switched to the cell phone, a message is displayed on the screen.

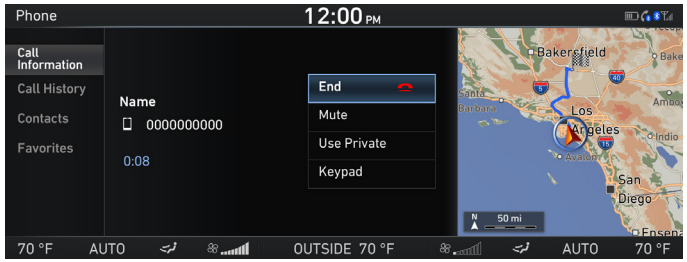


3. To switch the call back to the handsfree, press [Use Handsfree].

Bluetooth Handsfree

Ending a Call

1. To end an ongoing call, press the [End] button on the screen or the [ ] key on the steering remote controller.
2. The call will end.



Information

- Turn the volume dial to adjust the call volume during a call.
- If you press [Mute], the outgoing volume is muted and blocked to the other party.
- To view the dial pad during a call, press [Keypad].

Contacts

Searching Contacts

1. In the Phone screen, press [Contacts]. The Contacts screen is displayed.
2. Press MENU →[Search].



3. Enter a name or phone number and press [ ]. Contacts saved with the name or number are displayed.



Bluetooth Handsfree

4. Press to desired contact to make a call.



Information

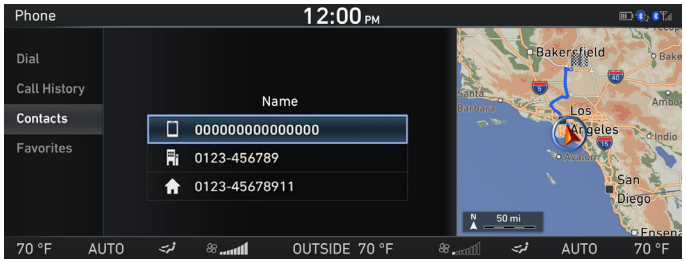
- When searching names, it is possible to search for names without entering the full name. (For example, entering 'John' will display all contacts that include the name 'John'.)
- When searching numbers, it is possible to search by entering a part of the number. (For example, if you enter '010', all contacts that include those numbers will be displayed.)

Viewing Contact Details

This menu is used to view contact details.

In the Contact screen, press MENU →[Detailed Information].





Information

- Some information displayed within your Bluetooth device may not be supported by the system.

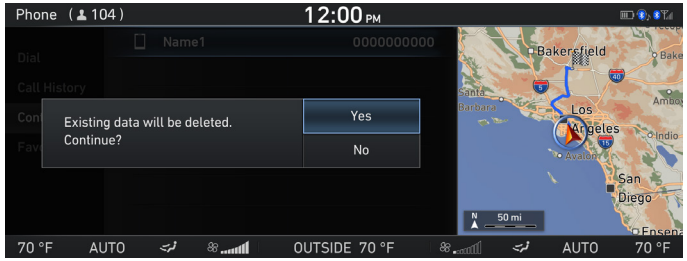
Bluetooth Handsfree

Downloading Mobile Contacts

Contacts saved within the cell phone can be downloaded to the system.

1. In the Phone screen, press [Contacts]. The Contacts screen is displayed.
2. Press MENU →[Download].
3. Press [Yes].





Information

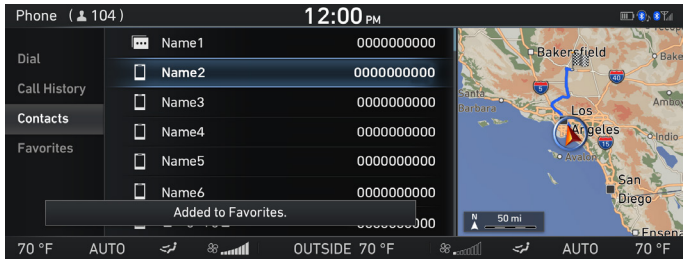
- Upon downloading phone contacts, previously downloaded data will be replaced to new contact data.

Bluetooth Handsfree

Adding Contacts to Favorites

1. In the Phone screen, press [Contacts]. The Contacts screen is displayed.
2. Find the contact you wish to add to Favorites.
3. Press MENU →[Add to Favorites].





Information

- To view contacts added to Favorites, select the [Favorites] menu.

Favorites

You can add frequently used numbers to Favorites to quickly find and call numbers.

Adding Contacts to Favorites

1. In the Phone screen, press [Favorites]. The Favorites screen is displayed.



2. Press MENU →[Add Favorite].

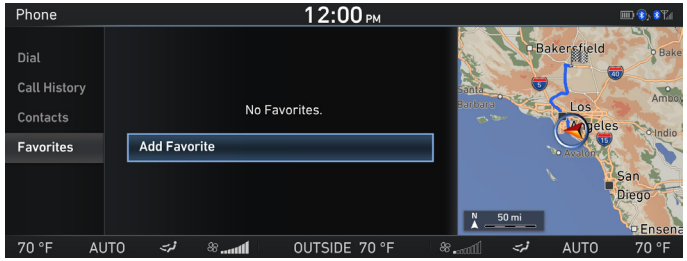


3. Select the contact you wish to add to Favorites.
4. Press MENU →[Add to Favorites].



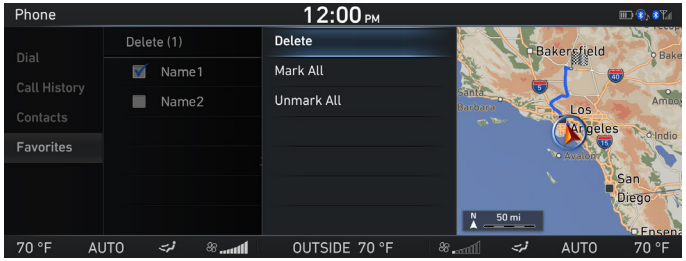
Information

- If there are no contacts saved to Favorites, press [Add Favorite] to add contacts.



Deleting Contacts from Favorites

1. In the Phone screen, press [Favorites].
   The Favorites screen is displayed.
2. Press MENU →[Delete].
3. Select the contact you wish to delete and press MENU → [Delete].



- To select all contacts, press [Mark All].
- To deselect the selected contacts, press [Unmark All].

Bluetooth Handsfree

Phone Settings

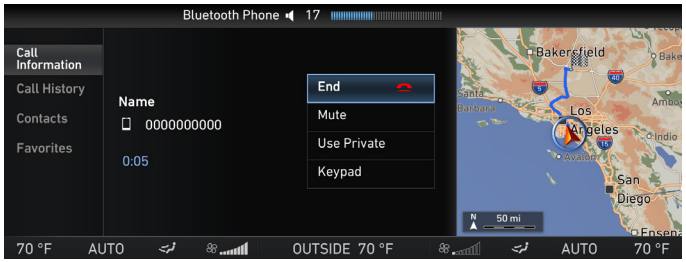
1. In the Phone screen, press MENU →[Phone Settings].
   The Phone Settings screen is displayed.



2. For more information, refer to the "Phone Settings" section within Setup section on page 156.

Adjusting Call Volume

This menu is used to adjust the mic volume during calls.
Turn the volume dial to adjust the mic volume.

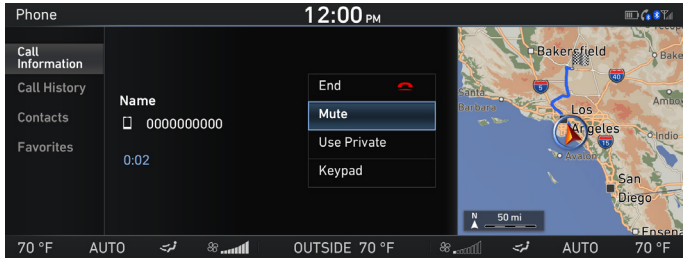


Bluetooth Handsfree

Turning Mic On/Off

This feature is used to mute the outgoing volume to the other party.

1. During a call, press [Mute].
2. To turn the mic back on, press [Unmute].



Voice Recognition

Using Voice Recognition

Creating a Suitable Cabin Environment

Voice recognition technology allows you to operate the phone, AV and Navigation system through voice commands. To ensure optimal voice recognition performance, please do the following.

- Press the voice recognition  key and say the command after system instructions and beep.
- Only commands listed within the user's manual are supported. Check the commands listed in the user's manual before starting use.
- For good voice recognition performance, maintain proper position when saying commands.
- Voice recognition may be affected by ambient noise.
- High noise level due to high speed blower from air vents may lower the performance. Please avoid air vents direction towards the overhead consol.
- For improved voice recognition performance, make the environment quiet and speak the command in a moderate tone with clear pronunciation.
  During voice recognition, adjust the volume to change voice guidance volume.
- Say commands naturally and clearly to ensure better performance.
- Monosyllable names saved within contacts may not be properly recognized. (Example: Tom, John)
- Contacts with special characters will not be recognized. (Example: John Doe_Friend)
- Contacts with upper letters should be pronounced by letters. For numbers, digit-by-digit.

Voice Recognition Features by Language

Voice recognition supported features may vary for each languages. If the system language is set to Korean, this feature will not be supported.

Voice Recognition

Starting Voice Recognition

Press the key on the steering remote controller.

Information

- If the voice recognition guidance is set to [Beginner] mode, then voice recognition guidance will provide with more detailed prompts.
- If set to [Normal], voice recognition guidance will provide short and simple prompts. For more information on voice recognition guidance, refer to the "Voice recognition settings" section on page 163.

Skipping Voice Guidance Messages

While voice guidance is being played, shortly press the key on the steering remote controller, it will immediately skip with a beep. Once the screen icon changes from to , say the desired voice command.

Ending Voice Recognition

While voice recognition is operating, Press and hold the key on the steering remote controller.

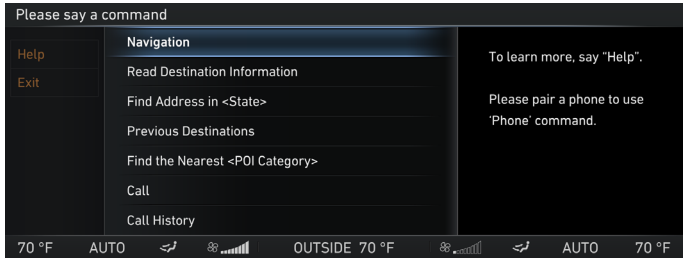
Adjusting Voice Recognition Guidance Volume

While voice recognition is operating, turn the volume dial on the Head Unit or use the “VOL+/VOL-” buttons on the steering remote controller to adjust the voice guidance volume level.

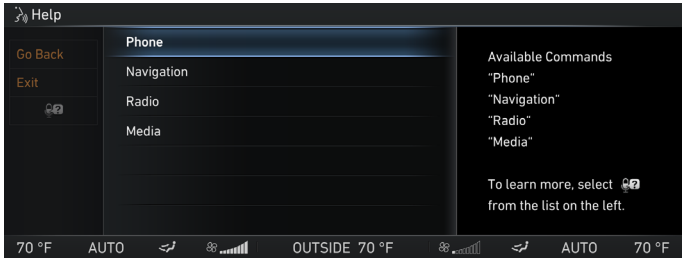
Voice Recognition

Basic Method of Operation

1. Press the key on the steering remote controller. "Please say a command" will be played with a beep.



2. Once the beep sound plays and the popup screen icon changes from to , say a command. (Example: Help)



Information

- The list may be provided in more than one page. Say "Previous page" or "Next page" to move between pages.
- Say "Help" to display command list.

Voice Recognition

Voice Command List

Voice commands within this system are categorized into "Global Commands" and "Local Commands."

- Global Commands (●) : commands that can be used in all situations.
- Local Commands (○) : commands that can be used in specific multimedia/navigation/Bluetooth mode states.

Information

- Some commands will operate properly only when certain devices, such as USB, iPod, or Bluetooth, are connected.
- Voice commands related to phone calls can be used after connecting a Bluetooth phone device.
- If Bluetooth is disconnected, the system provides the voice guidance "This feature is only available after connecting a Bluetooth device. Would you like to connect one?" and displays the Bluetooth connection screen.
- If Bluetooth contacts are being downloaded, the system provides the prompt "Updating contacts. Please try again later."

Voice Recognition

Phone Commands

Type	Command	Operation
●	**Call**	Downloaded mobile phone contacts are displayed on the screen, and afterwards, you can make a call by saying the name.
●	**Dial Number**	Displays a screen where you can say a phone number to dial.
●	**Dial <phone number>**	Makes a call by dialing the spoken numbers E.g.) Dial “123 123 1234"
●	**Call <Name>**	Makes a call to (name) in the downloaded mobile phone contacts. E.g.) “Call John Smith”
●	**Call <Name> on Mobile**	Makes a call to (name) in the downloaded mobile phone contacts saved as ‘Mobile phone’. E.g.) “Call John Smith on mobile”
●	**Call <Name> in Office**	Makes a call to (name) in the downloaded mobile phone contacts saved as ‘Office’. E.g.) “Call John Smith in office”
●	**Call <Name> at Home**	Makes a call to (name) in the downloaded mobile phone contacts saved as ‘Home’. E.g.) “Call John Smith at home”
●	**Call <Name> on Other**	Makes a call to (name) in the downloaded mobile phone contacts in a category other than 'Mobile phone, Office, or Home'. E.g.) “Call John Smith on other”
●	**Redial**	Immediately makes a call to the most recently dialed number in call history.
●	**Call History**	Displays the call history. Make a call by saying the desired list number.

Voice Recognition

Radio Commands

Type	Command	Operation
●	**Radio**	Operates the most recently played radio mode.
●	**FM**	Operates FM radio mode.
●	**Presets**	Displays the presets screen.
●	**SXM**	Operates SiriusXM radio mode
●	**SiriusXM Channel <1~999>**	Plays the spoken SiriusXM channel. E.g.) SiriusXM Channel 25: "SiriusXM Channel twenty five"
●	**FM <87.7 ~ 107.9 >**	Plays the spoken FM radio frequency. Ex.) FM 89.1 : "FM eighty nine point one"
●	**AM**	Operates AM radio mode.
●	**AM <530 ~ 1710 >**	Plays the spoken AM radio frequency. Ex.) AM 531 : "AM five hundred thirty one"
●	**Preset <1~35>**	Operates the broadcast station saved to the spoken preset number.

Voice Recognition

Media Commands

- If media is not connected or playable files do not exist at the time of using these commands, a voice message will tell you that the feature is currently unavailable.
- If you say the name of the currently playing media, then the media will continue playing. E.g.) saying "iPod" while iPod content is playing.

Type	Command	Operation
●	**Media**	Plays files within media.
●	**iPod**	Plays music files within the currently connected iPod. It works identically when an iPhone is connected.
●	**USB**	Plays files within the currently connected USB.
●	**Bluetooth Audio**	Plays music files within the currently connected Bluetooth mobile phone.
●	**AUX**	Plays music files in the external device connected to the AUX jack.
●	**Jukebox**	Plays files within the Jukebox saved in the system.

Voice Recognition

Jukebox/USB Music/ iPod Commands

Type	Command	Operation
○	**Play**	Plays the paused file. If the file is currently playing, maintains the current state.
○	**Pause**	Pauses the playing file. If the file is currently paused, maintains the current state.
○	**Shuffle**	Randomly plays all files. If files are currently playing randomly, maintains the current state.
○	**Shuffle Off**	Cancels random playing and plays files sequentially. If files are currently playing sequentially, maintains the current state.
○	**Repeat**	Repeats the current file. If the file is already repeating, maintains the current state.
○	**Repeat Off**	Cancels file repeat and plays files sequentially. If files are currently playing sequentially, maintains the current state.

Voice Recognition

Navigation Commands

- Search for and find addresses in the city or state in which you are driving. If you want to search in another state, say the name of the state and then look it up. Find Address is categorized by state to provide you with faster search results.
- Some commands such as “Cancel guidance” are available only when the destination set.

Type	Destination Set	Command	Operation
●	—	**Find Address**	Searches for the address and sets it as the destination. To find an address, select the desired state and say the address in order of "House No. → Street → City". e.g.) 4701 (Four Seven Zero One) Tacomic Drive, Sacramento
●	—	**Find the Nearest POI**	Finds the nearest points of interest to your current location. After this command, you can find the name of a location following the step-by-step instructions.
●	—	**Find the Nearest <POI Category>**	Finds the category to your current location. After this command, you can find the name of a location following the step-by-step instructions.
●	—	**Find Address in <State>**	Finds the address in <State> and sets it as the destination. e.g.) Find Address in California
●	○	**POIs Near Destination**	Finds POIs near the destination. After this command, you can find the name of a location following the step-by-step instructions.
●	○	**<POI Category> Near Destination**	Finds something in the category near the destination. e.g.) “Parking” near destination
●	○	**POI Along the Route**	Finds the points of interest on route.
●	—	**Previous Destinations**	Displays a list combining Previous destinations and Previous starting points all together. You can then set a destination by saying the listed number.
●	—	**Address Book**	Sets your address book as the destination.
●	—	**Traffic Information**	Goes to the Traffic Information menu screen.

Voice Recognition

●	—	**Go Home**	Sets your home as the destination. Your home address must already be added in the System.
●	—	**Go to Office**	Sets the destination to your office/place of work. Your office address must already be added in the System.
●	—	**Turn Guidance On**	Turns on the voice guidance system.
●	—	**Turn Guidance Off**	Turns off the voice guidance system.
●	○	**Route Options**	Restarts the route to your destination.
●	○	**Cancel Guidance**	Cancels route guidance to the set destination.
●	○	**Read Destination Information**	Tells you the remaining distance and time to your destination.
●	○	**Route Information**	Tells you the route information to your destination.
●	○	**Resume Guidance**	Resumes the route guidance to the set destination.
●	○	**Find Fast Route**	Searches route to your destination that takes the least amount of time.
●	○	**Find Recommended Route**	Searches route to your destination through the recommended route.
●	○	**Find Short Route**	Searches route to your destination that provides the shortest distance.

Voice Recognition

Other Commands

Type	Command	Operation
●	**Help (Help Phone, Help Navigation, Help Radio, Help Media)**	Goes to the voice recognition help screen. All available commands can then be identified and used.
○	**Yes/No**	When voice recognition is active, this command is used when an answer is requested for a confirmation question.
●	**Next page/ Previous page**	When list is longer than one page, you can move to the previous or next page by using this voice command.
●	**Exit**	Ends voice recognition.
●	**Go Back**	Moves to the previous screen.

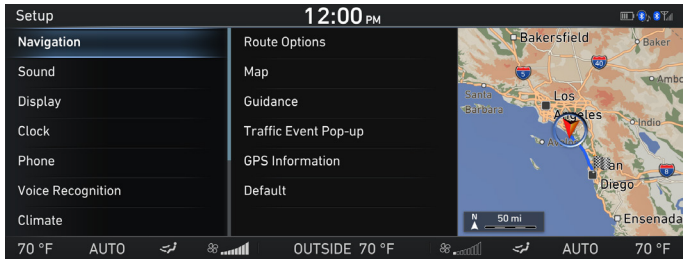
Setup

Navigation Settings

Navigation Settings are used to set display and guidance menus within the navigation map screen.

Displaying Navigation Settings Screen

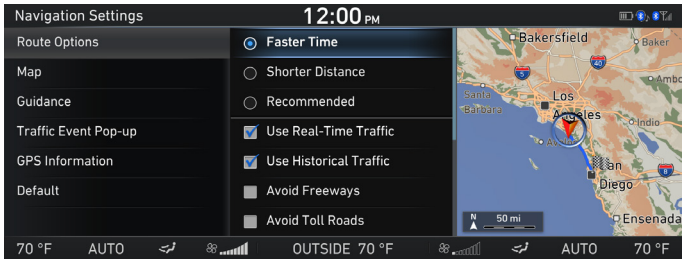
1. Press the HOME key.
2. Press [Setup] → [Navigation]. The Navigation Settings screen is displayed.



<Navigation Settings Screen>

Route Options

1. In the Navigation Settings screen, press [Route Options].
2. Select the desired option.



- [Faster Time]: Reflects traffic information to provide guidance through the fastest route.
- [Shorter Distance]: Provides guidance through the shortest distance route from start point to destination.
- [Recommended]: Provides guidance through route with optimal traffic conditions by reflecting traffic and historical traffic data.
- [Use Real-Time Traffic]: Sets whether to use real-time traffic information.
- [Use Historical Traffic]: Sets whether to use historical traffic data.
- [Avoid Freeways]: When turned on, sets route with minimal freeway use.

- [Avoid Toll Roads]: When turned on, sets route with minimal use of toll roads.
- [Use Electronic Toll]: Set whether to use electronic toll pass.
- [Use HOV/Carpool Lanes]: Sets whether to use HOV/Carpool lanes.
- [Avoid Tunnels]: When turned on, sets route with minimal use of tunnels.
- [Avoid Ferries/Car Trains]: When turned on, sets route with minimal use of ferries/car trains.
- [Avoid Unpaved Roads]: When turned on, sets route with minimal use of unpaved roads.
- [Avoid U-Turns]: When turned on, sets route with minimal use of U-turns.

Map

1. In the Navigation Settings screen, press [Map].
2. Select the desired option.



Display Mode

The map color can be set to either [Automatic], [Daylight], or [Night].

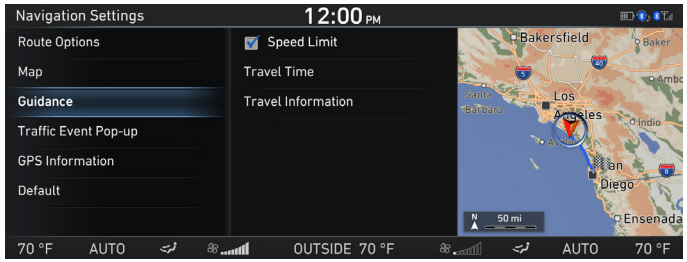
Map View

The map screen can be set to [Heading Up], [3D View], or [North Up]. From [Simplify 3D Buildings], [Satellite Images], and [Display Traffic], select the menus you wish to display on the map screen.

Setup

Guidance

1. In the Navigation Settings screen, press [Guidance].
2. Select the desired option.



Speed Limit

Sets whether to show speed limit information.

Travel Time

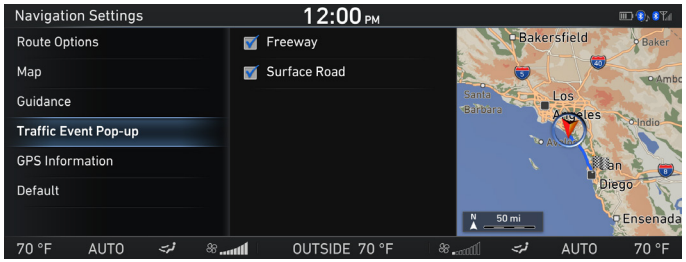
During route guidance, this option displays the travel time as either Remaining time or Arrival time.

Travel Information

During route guidance, this feature sets the arrival point as either Destination or Waypoint.

Traffic Event Pop-up

1. In the Navigation Settings screen, press [Traffic Event Pop-up].
2. Select the desired option.



Setup

GPS Information

In the Navigation Settings screen, press [GPS Information].



Resetting Navigation Settings

1. In the Navigation Settings screen, press [Default].
2. To reset all navigation related settings, press [Yes].

Sound Settings

Displaying Sound Settings Screen

1. Press the HOME key.
2. Press [Setup]→[Sound]. The Sound Settings screen is displayed.

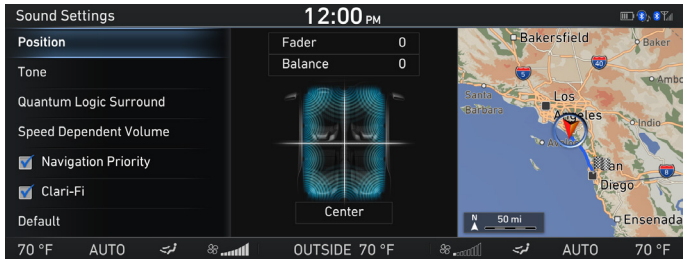


<Sound Settings Screen>

Setup

Position

1. In the Sound Settings screen, press [Position].
2. Adjust the Fader/Balance to the desired level.



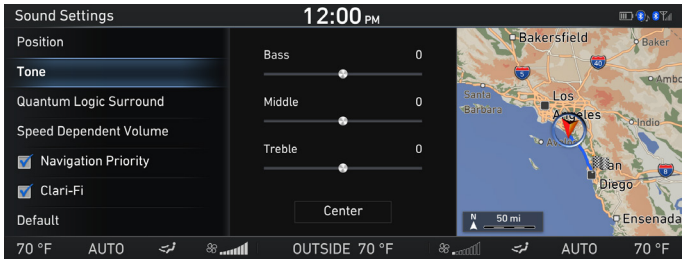
Press the [Center] button to restore the Fader/Balance levels back to the center position.

Information

- Fader/Balance is used to set the intensity of the speakers by location. For example, the sound can be set towards the driver seat so that the volume becomes relatively smaller in the passenger or rear seats.

Tone

1. In the Sound Settings screen, press [Tone].
2. Adjust the Bass/Middle/Treble to the desired level.



Press the [Center] button to restore the Bass/Middle/Treble levels back to the center position.

Setup

Quantum Logic Surround

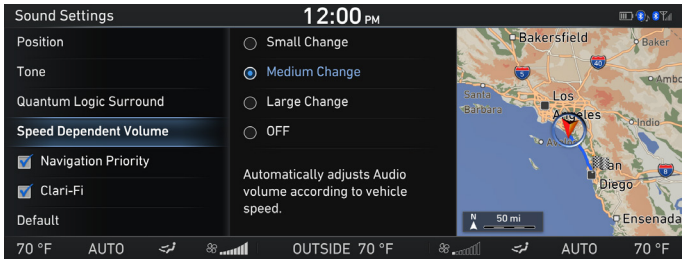
1. In the Sound Settings screen, press [Quantum Logic Surround].
2. Select the desired option.



- [Audience Mode]: Provides an intimate concert experience where the boundaries of the vehicle seem to disappear.
- [On Stage Mode]: A surround-sound experience that puts listeners on stage with their favorite artists, placing individual instruments and musical favorites throughout the cabin.

Speed Dependent Volume

1. In the Sound Settings screen, press [Speed Dependent Volume].
2. Select the desired option.

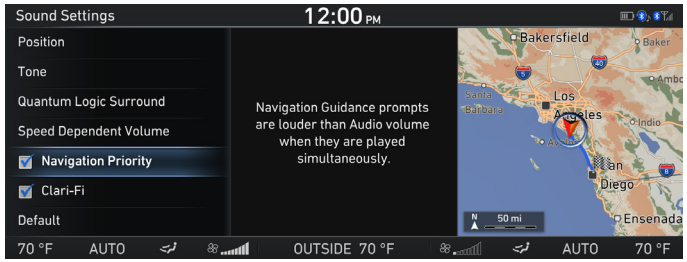


The audio volume can be automatically adjusted according to vehicle speed.

Setup

Navigation Priority

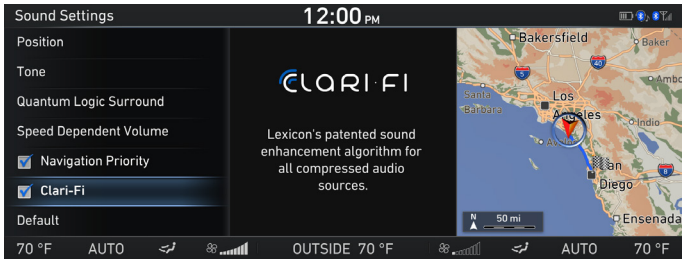
1. In the Sound Settings screen, check [Navigation Priority].
2. Check the [Navigation Priority] box to turn the feature on.



Uncheck the [Navigation Priority] box to turn the feature off.

Clari-Fi

1. In the Sound Settings screen, check [Clari-Fi].
2. Check the [Clari-Fi] box to turn the feature on.



Uncheck the [Clari-Fi] box to turn the feature off.

Resetting Sound Settings

This feature is used to restore all sound settings back to the default state.

1. In the Sound Settings screen, press [Default].
2. To reset all sound related settings, press [Yes]. To cancel the reset, press [No].

Setup

Display Settings

Displaying Display Settings Screen

1. Press the HOME key.
2. Press [Setup]→[Display]. The Display Settings screen is displayed.



<Display Settings Screen>

Mode

Mode can be selected from Automatic, Daylight or Night.

1. In the Display Settings screen, press [Mode].
2. Select the desired mode.



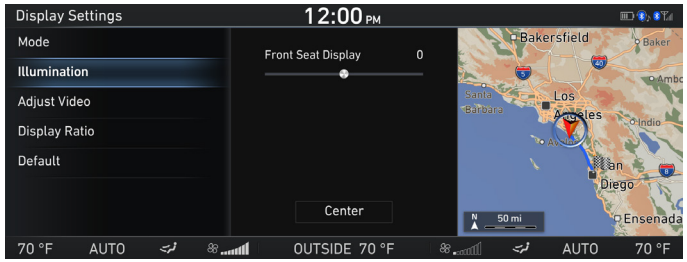
- [Automatic]: Adjusts the brightness automatically according to outside lighting conditions.
- [Daylight]: Always maintains the brightness on high.
- [Night]: Always maintains the brightness on low.

Setup

Illumination

This feature is used to adjust the display brightness.

1. In the Display Settings screen, press [Illumination].
2. Adjust the brightness level for the desired display.

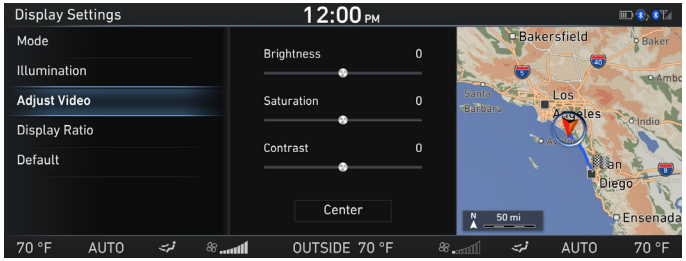


- [Front Seat Display]: Adjusts the brightness level for the front seat display.
- Press the [Center] button to restore the brightness levels for the front seat display back to the center position.

Adjust Video

This feature is used to adjust the Brightness, Saturation, and Contrast levels.

1. In the Display Settings screen, press [Adjust Video].
2. Adjust the Brightness, Saturation, and Contrast to the desired levels.



Press the [Center] button to restore the brightness, saturation, and contrast levels back to the center position.

Information

- This menu is available only when a video is currently playing.

Setup

Display Ratio

This feature is used to select the desired video display ratio.

1. In the Display Settings screen, press [Display Ratio].
2. Select the desired display ratio.



- [Auto]: Automatically changes the ratio according to the available screen size.
- [16:9]: Displays video in wide-screen display of 16:9 ratio.
- [4:3]: Displays video in 4:3 ratio.

Resetting Display Settings

This feature is used to restore all display settings back to the default state.

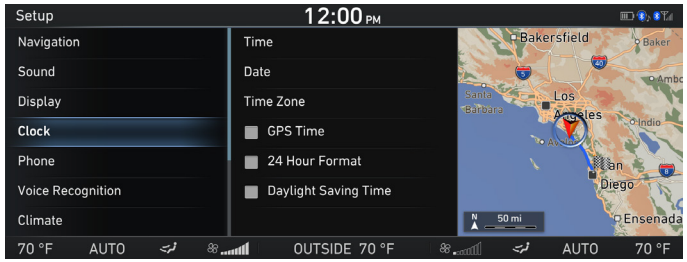
1. In the Display Settings screen, press [Default].
2. To reset all display related settings, press [Yes]. To cancel the reset, press [No].

Setup

Clock Settings

Displaying Clock Settings Screen

1. Press the HOME key.
2. Press [Setup]→[Clock]. The Clock Settings screen is displayed.



<Clock Settings Screen>

Time

This feature is used to set the time shown within the system.

1. In the Clock Settings screen, press [Time].
2. Adjust the time.



3. Press [OK].

Information

- The Time feature is unavailable when GPS time is being used. To change the time manually, turn off the [GPS Time] feature and repeat the steps described above.

Setup

Date

This feature is used to set the date shown within the system.

1. In the Clock Settings screen, press [Date].
2. Adjust the date.



3. Press [OK].

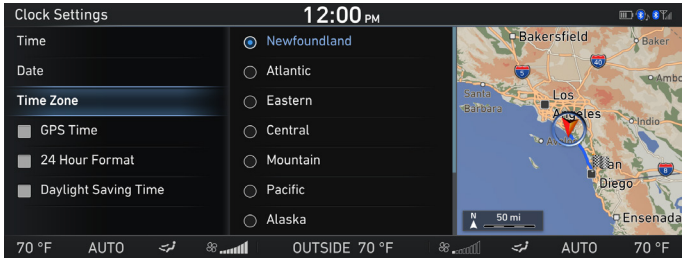
Information

- The Date feature is unavailable when GPS time is being used. To change the date manually, turn off the [GPS Time] feature and repeat the steps described above.

Time Zone

This feature is used to set the time zone used by the system.

1. In the Clock Settings screen, press [Time Zone].
2. Select the desired options.



Setup

GPS Time

This feature is used to use GPS time to display the date and time within the system.

1. In the Clock Settings screen, press [GPS Time].
2. Check the [GPS Time] box to display the system time and date according to GPS time.



Uncheck the [GPS Time] box to turn the feature off. The [Time] and [Date] will become enabled for manual setting.

Time display format

The time shown on the digital clock can be set in 12-hour or 24-hour time format.

1. In the Clock settings screen, select [24 Hour Format].
2. Check the [24 Hour Format] box to display the time in 24-hour time format.



Uncheck the [24 Hour Format] box to display the time in 12-hour time format.

Setup

Daylight Saving Time

This feature is used to turn on Daylight Saving Time when displaying the system date and time.

1. In the Clock Settings screen, press [Daylight Saving Time].
2. Check the [Daylight Saving Time] box to display the system date and time according to Daylight saving time.



Uncheck the [Daylight Saving Time] box to turn the feature off.

Phone Settings

Displaying Phone Settings Screen

1. Press the HOME key.
2. Press [Setup]→[Phone]. The Phone Settings screen is displayed.



<Phone Settings Screen>

Setup

Bluetooth Connection

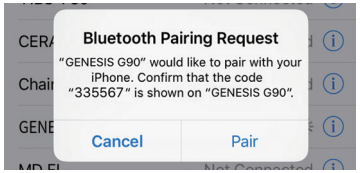
When No Phones are Paired (Pairing a New Device)

1. In the Phone Settings screen, press [Bluetooth Connection].
2. Press [Add New Device].



- To cancel pairing a new device, press [Cancel].
- To view the Bluetooth Help section, press [Help].

3. Within the Bluetooth pairing screen in your Bluetooth device, search and select the vehicle name.



<Example of Bluetooth Device Screen>

4. Verify the passkey and proceed with pairing from your Bluetooth device.

Information

- The default vehicle name is GENESIS G90 and the default passkey is "0000".
- Some Bluetooth devices may require you to enter the passkey while others may not.

5. Once pairing is approved from the mobile device, mobile contacts and call history will begin downloading.



6. The name of the connected Bluetooth device will be displayed on the screen.



When a Phone is Already Paired

1. In the Phone Settings screen, press [Bluetooth Connection].



2. Select the device you wish to connect.



Information

- If the device you are trying to connect does not exist, press the [Add New Device] button to pair the device.

3. **In** the Bluetooth Connection screen in your Bluetooth device, approve connection.
4. The name of the connected Bluetooth device is displayed on the screen.



Disconnecting Bluetooth Devices

1. In the Phone Settings screen, press [Bluetooth Connection].
2. Select the currently connected device.
3. Press [Yes].



4. To connect another device, select the desired device and proceed with the connection process.

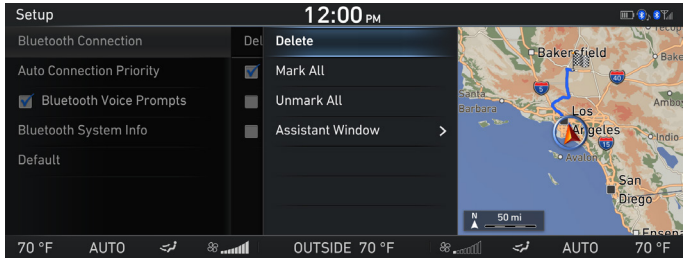
Information

- You can also disconnect a device by pressing MENU →[Disconnect] →[Yes] within the Bluetooth Connection screen.

Setup

Deleting a Device

1. In the Phone Settings screen, press [Bluetooth Connection].
2. Press MENU →[Delete].
3. Select the device you wish to delete and press MENU →[Delete].



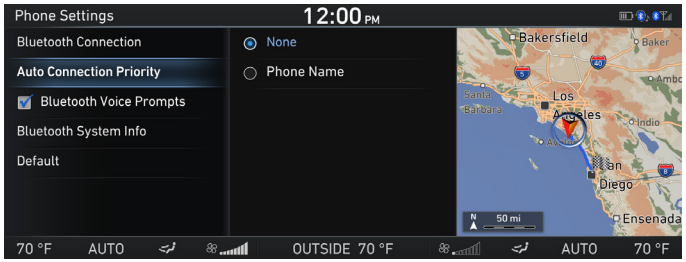
- To select all devices, press [Mark All].
- To deselect all selected devices, press [Unmark All].

Information

- Once a device is deleted, the call history and contacts that were saved to the head unit are also deleted.

Auto Connection Priority

1. In the Phone Settings screen, press [Auto Connection Priority].
2. Select the Bluetooth device you wish to set priority connection.



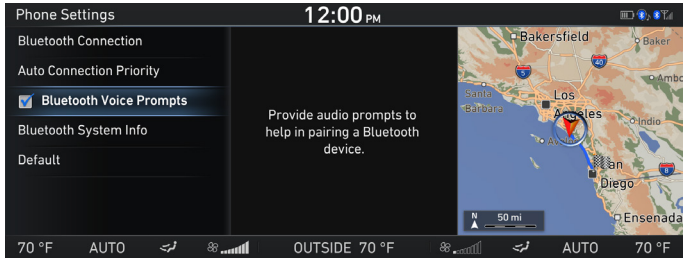
Information

- If you press [None], the most recently connected Bluetooth phone will connect automatically. If phones have not been connected in the past, then each paired phone will be connected in sequential order.

Setup

Bluetooth Voice Prompts

1. In the Phone Settings screen, press [Bluetooth Voice Prompts].
2. Check the [Bluetooth Voice Prompts] box to turn on Bluetooth voice prompts.

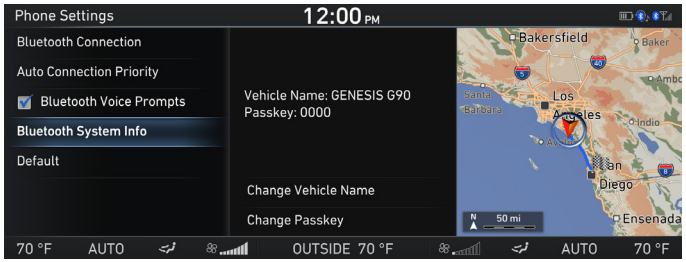


Uncheck the [Bluetooth Voice Prompts] box to turn the feature off.

Bluetooth System Info

This feature is used to change the Bluetooth vehicle name and passkey.

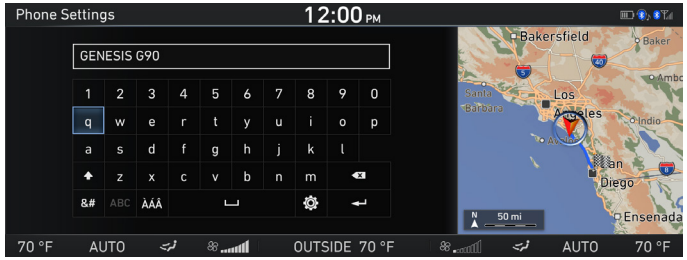
In the Phone Settings screen, press [Bluetooth System Info].



Setup

Changing Vehicle Name

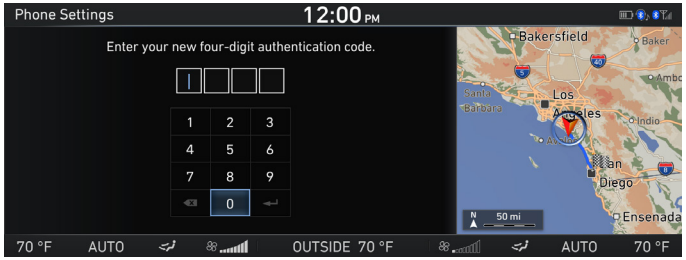
1. To change the vehicle name, press [Change Vehicle Name].



2. Enter the desired name and press [↵].

Changing Passkey

1. To change the passkey, press [Change Passkey].



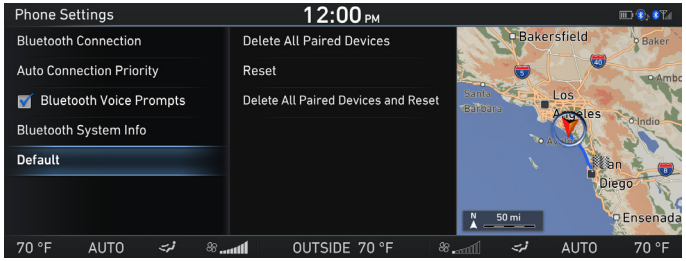
2. Enter the desired 4-digit passkey and press [↵].

Setup

Resetting Phone Settings

This feature is used to restore all phone settings back to default state.

1. In the Phone Settings screen, press [Default].
2. Select the desired option.



- [Delete All Paired Devices]: Deletes all paired devices.
- [Reset]: Resets all phone related settings.
- [Delete All Paired Devices and Reset]: Deletes all devices and resets Bluetooth settings and data.

3. Press [Yes].

Voice Recognition Settings

1. Press the HOME key.
2. Press [Setup]→[Voice Recognition]. The Voice recognition settings screen is displayed.



<Voice Recognition Settings Screen>

- [Normal]: Voice recognition guidance will be provided in short and simple prompts suited for experienced users.
- [Beginner]: Voice recognition guidance will be provided in detailed prompts suited for beginner users.

Setup

Climate Settings

Displaying Climate Settings Screen

1. Press the HOME key.
2. Press [Setup]→[Climate]. The Climate Settings screen is displayed.



<Climate Settings Screen>

Information

- The 3 Zone or 3 Zone+ climate information will be displayed according to your vehicle specification.
- To learn more, refer to the vehicle <Owner's Manual>.
- **3 Zone**
  Climate Settings for the driver-side, passenger-side, and rear can be adjusted independently. However, the driver-side and passenger-side fan level will operate simultaneously.
- **3 Zone+**
  Climate Settings for the driver-side, passenger-side, and rear can be adjusted independently.

Setup

Climate Information

In the Climate Settings screen, press [Climate Information].



Various climate information, such as driver-side, passenger-side, and rear temperatures, fan levels and directions are displayed.

Rear Climate Control

The rear climate controls, such as temperature, fan level and fan direction can be adjusted.

1. In the Climate Settings screen, press [Rear Climate Control].
2. Adjust the temperature, fan level and fan direction to the desired levels.



Setup

Rear Climate

The rear climate control can be turned on/off.

1. In the Climate Settings screen, press [Rear Climate].
2. Check the [Rear Climate] box to turn on the rear climate control.



Uncheck the [Rear Climate] box to turn the feature off.

Smart Ventilation

This feature helps maintain a comfortable environment by automatically calculating and controlling the temperature, and humidity within the vehicle.

1. In the Climate Settings screen, press [Smart Ventilation].
2. Check the [Smart Ventilation] box to turn on the Smart Ventilation feature.



Uncheck the [Smart Ventilation] box to turn the feature off.

Setup

Activate CO2 Monitor

This feature automatically adjusts the CO2 level within the vehicle to maintain a fresh cabin environment.

1. In the Climate Settings screen, press [Activate CO2 Monitor].
2. Check the [Activate CO2 Monitor] to turn on the CO2 Monitor feature.



Uncheck the [Activate CO2 Monitor] box to turn the feature off.

Information

- Activate CO2 Monitor is an optional feature.

General Settings

Displaying General Settings Screen

1. Press the HOME key.
2. Press [Setup]→[General]. The General Settings screen is displayed.

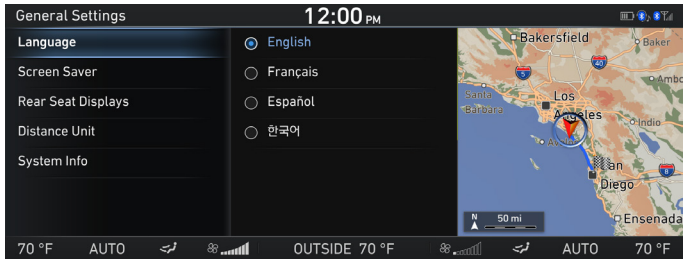


<General Settings Screen>

Setup

Language

1. In the General Settings screen, Press [Language].
2. Select the desired language.

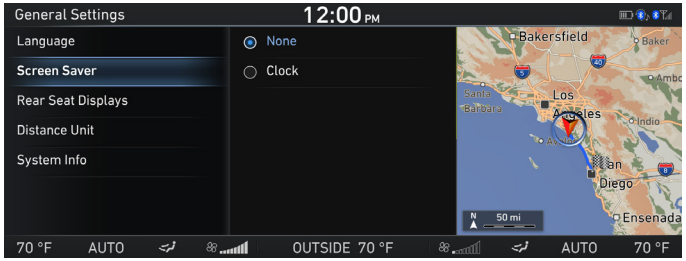


This feature is used to change the system language. Language options include English, French, Spanish or Korean.

Screen Saver

This feature is used to display a screen saver when the monitor is off.

1. In the General Settings screen, press [Screen Saver].
2. Select the desired option.

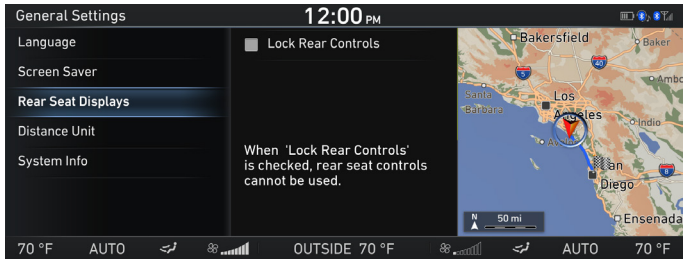


- [None]: The screen will remain off.
- [Clock]: The screen will display a clock.

Setup

Rear Section Control

Check the [Lock Rear Controls] box to lock and prevent rear controls. Once the rear controls are locked, operations in the rear system cannot be made.



Distance Unit

This feature is used to set the distance unit used by the system to either km or mile.

1. In the General Settings screen, press [Distance Unit].
2. Select the desired option.



Setup

System Information

1. In the General Settings screen, press [System Info].
2. Select the desired option.



<System Information Screen>

Version

Displays model, S/W version, map version and other system version information.

In the General Settings screen, press [System Info] →[Version].



Information

- Version information will be updated after system updates.

Setup

Jukebox

This menu displays the Jukebox storage capacity.

1. In the General Settings screen, press [System Info] →[Jukebox].



2. To delete data within the Jukebox, press [Format Jukebox].

Update

1. Download the latest update file onto a USB device and connect the device to the USB terminal.
2. In the General Settings screen, press [System Info]→[Update].
3. Press [Update].



4. The update will proceed automatically. Once update is complete, the system will automatically reboot.

Information

- Depending on the data size, updates could take up to 1 hour.
- When conducting system updates, connect the USB memory with the latest update file to proceed with update.
- Turning the system off or removing the USB memory during the update process could result in data loss. Make sure to keep the engine on until the update is complete.

Setup

Default

This feature is used to reset Setup mode back to the default state.

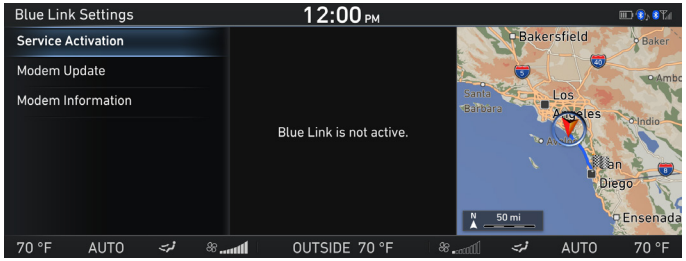
1. In the General Settings screen, press [System Info] →[Default].
2. Press [Yes].



Blue Link® Settings

Blue Link® Settings Screen

1. Press the HOME key.
2. Press [Setup]→[Blue Link]. The Blue Link Settings screen is displayed.



<Blue Link Settings Screen>

Information

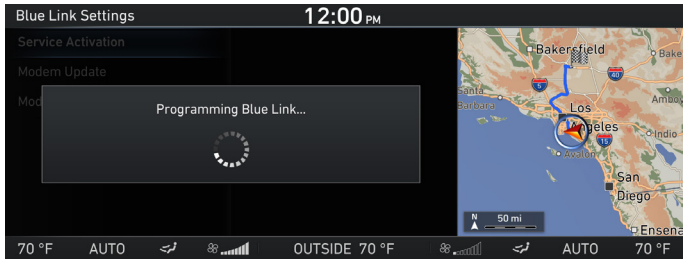
- Blue Link function is supportive for the vehicles purchased in USA. If your system does not support Blue Link mode, Blue Link settings in Setup mode are not supported.

Setup

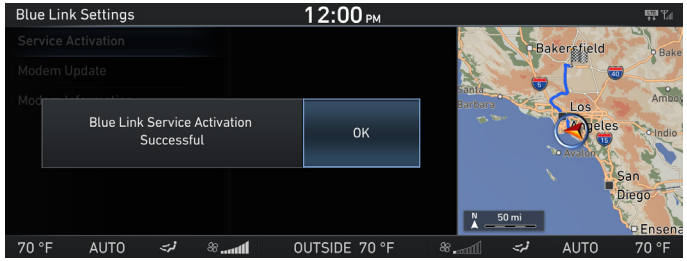
Service Activation

Blue Link® service is provided only to car owners or drivers approved by the car owner. To use Blue Link®, first complete the service subscription and related settings through the vehicle system.

1. In the Blue Link Settings screen, press [Service Activation].



2. Once activation is complete, press [OK].



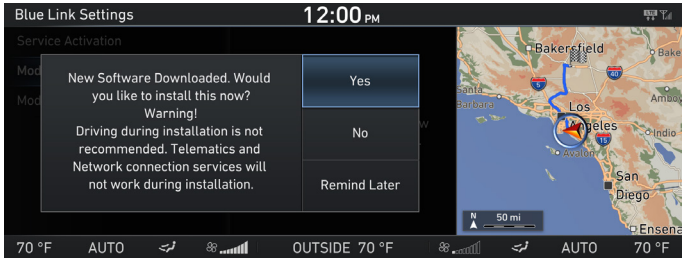
Modem Update

You can verify modem update information or conduct modem updates.

In the Blue Link Settings screen, press [Modem Update].



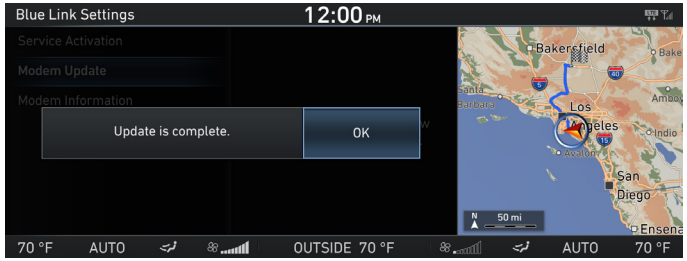
Once the new firmware binary is downloaded, a modem update popup is displayed. To proceed with modem update, press [Yes].



Setup



Once update is complete, press [OK].



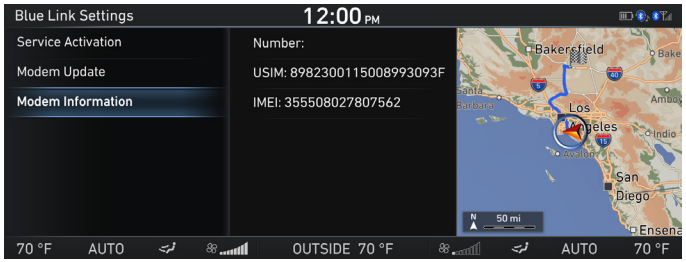
Information

- Modem update is conducted separately from system update. Only the modem is updating using this update.

Modem Information

This feature is used to show the modem information.

In the Blue Link Settings screen, press [Modem Information].



- [Number]: Displays Blue Link® phone number
- [USIM]: Displays USIM card serial number
- [IMEI]: Displays the IMEI (International Mobile Equipment Identity) number

Setup

Drive Mode Settings

Displaying Drive Mode Settings Screen

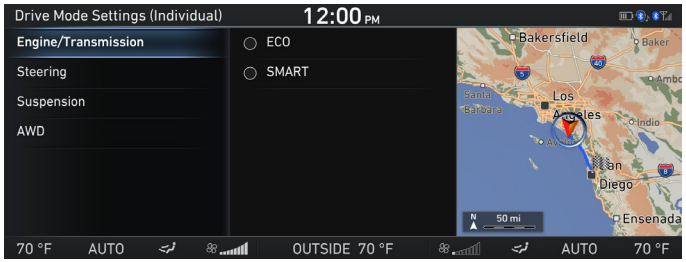
1. Press the HOME key.
2. Press [Setup]→[Drive Mode]. The Drive Mode Settings screen is displayed.



<Drive Mode Settings Screen>

Engine/Transmission

1. In the Drive Mode Settings screen, press [Engine/Transmission].
2. Select the desired option.

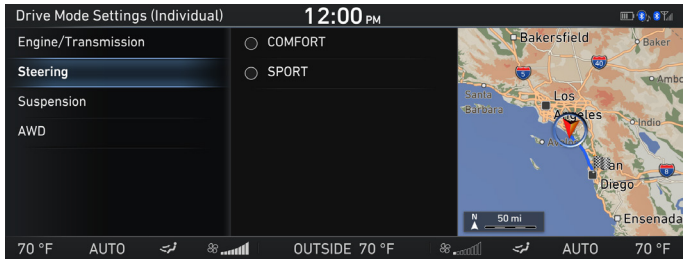


- [ECO]: Driving mode optimized for economical driving.
- [SMART]: Driving mode which intelligently adapts to driving styles.

Setup

Steering

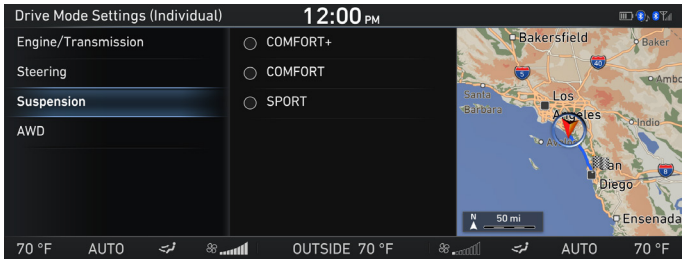
1. In the Drive Mode Settings screen, press [Steering].
2. Select the desired option.



- [COMFORT]: Smooth driving mode.
- [SPORT]: Sporty driving mode.

Suspension (Optional)

1. In the Drive Mode Settings screen, press [Suspension].
2. Select the desired option.



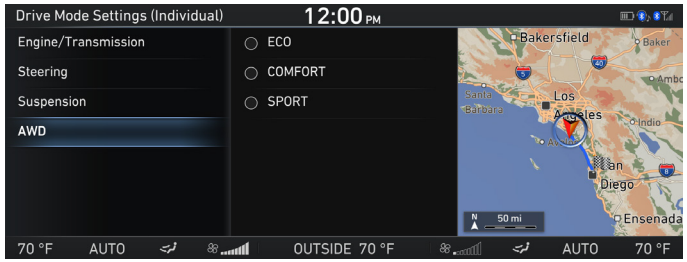
- [COMFORT+]: Smooth driving mode for maximum comfort.
- [COMFORT]: Comfortable driving mode.
- [SPORT]: Firm and sturdy driving mode.

Setup

AWD (Optional)

This feature is an optional specification for only All-Wheel Drive vehicles.

1. In the Drive Mode Settings screen, press [AWD].
2. Select the desired option.

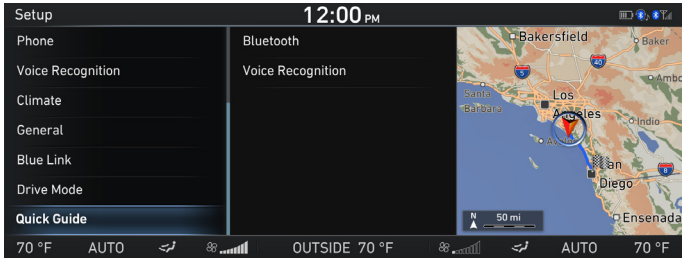


- [ECO]: Driving mode which is optimized for economical driving.
- [COMFORT]: Smooth and comfortable driving mode.
- [SPORT]: Sporty driving mode with firmer damping and more responsiveness.

Quick Guide

Displaying Quick Guide Screen

1. Press the HOME key.
2. Press [Setup]→[Quick Guide]. The Quick Guide screen is displayed.
3. Select the desired option.



<Quick Guide Screen>

- [Bluetooth]: Displays quick help guides on using Bluetooth.
- [Voice Recognition]: Displays quick help guides on using Voice Recognition.

Rear Camera Display

About rear view camera

- This system has been equipped with a rear view camera for a wider range of vision.
- The rear camera will operate automatically when the ignition key is turned ON and the transmission lever is shifted to R.
- The rear camera will automatically stop operating when shifted to a different position.

Rear view camera operating sequence

With the engine on, shift the transmission lever to R.



Information

- The rear camera has been equipped with an optical lens to provide a wider range of vision and may appear different from the actual distance. For added safety, always use caution and check the rear and left/right sides when backing up.

Multi-view Camera System - Option

About Multi-view Camera System

- Multi-view Camera System is an optional feature.
- Multi-view Camera System refers to a system that allows you to see the front, rear, left and right sides through the four cameras installed within the vehicle.

Operating the Front Multi-view Camera System

After turning on the ignition, shift the gear to N or D and press the [ ] key to start the Front Multi-view Camera System.
The Front Multi-view Camera System will begin operating.



1 Door Open Warning: Displays whether the driver-side/ passenger-side doors, side mirrors, and boot are open.

2 Front Camera Screen: Displays the front side of the vehicle on the screen through the camera.

Multi-view Camera System - Option

3 Side Camera Screen: Displays the Multi-view Camera System or the left/right side depending on the selected option.

4 [ ] (Around View): Displays the front side and Multi-view Camera System simultaneously on the screen.

5 [ ] (Front Full View): Displays the front side on the screen.

6 [ ] (Two-Selection): Displays the front right/left sides simultaneously on the screen.

7 [ ] (Front+Left View): Displays the front side and left side simultaneously on the screen.

8 [ ] (Front+Right View): Displays the front side and right side simultaneously on the screen.

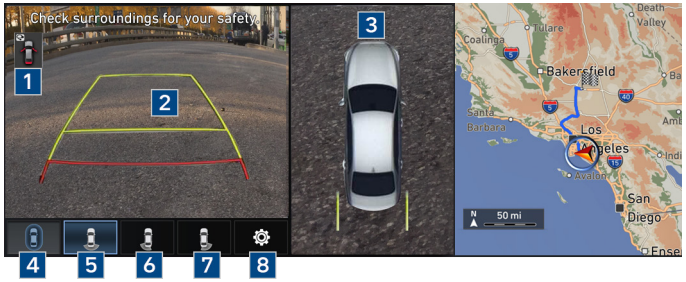
9 [ ] (Multi-view Camera System Settings): Displays Multi-view Camera System settings.

Information

- The Front Multi-view Camera System feature will automatically turn off when the vehicle exceeds 9.3mph. Within this state, the Multi-view Camera System feature will not restart even when the vehicle slows to under 9.3mph, and remains turned off.
- When the Rear Multi-view Camera System is operating with the shift gear set to R position, placing the gear to D position will turn on the Front Multi-view Camera System and automatically turn off once the vehicle exceeds 9.3mph.

Operating the Rear Multi-view Camera System

After turning on the ignition, shift the gear to R to start the Rear Multi-view Camera System.



1 Door Open Warning: Displays whether the driver-side/passenger-side doors, side mirrors, and trunk are open.

2 Rear Camera Screen: Displays the rear side of the vehicle on the screen through the camera.

3 Side Camera Screen: Displays the Multi-view Camera System or the left/right side depending on the selected option.

Multi-view Camera System - Option

4 [ ] (Around View): Displays the rear side and Multi-view Camera System simultaneously on the screen.

5 [ ] (Rear Full View): Displays the rear side on the screen.

6 [ ] (Rear+Left View): Displays the rear side and left side simultaneously on the screen.

7 [ ] (Rear+Right View): Displays the rear side and right side simultaneously on the screen.

8 [ ] (Multi-view Camera System Settings): Displays Multi-view Camera System settings.

Information

- The Multi-view Camera System is equipped with an optical lens to provide a wider range of vision and may appear different from the actual distance. For added safety, always use caution and directly check the rear and left/right sides.

Multi-view Camera System settings

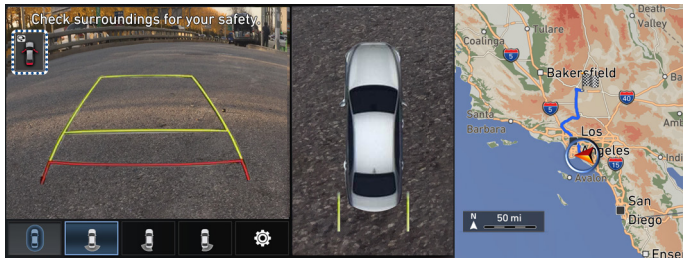
Press the [ ] button to display the Multi-view Camera System settings.



- [General]: Turns the Display parking guidance line and Display obstacle warning features on/off.
- [Front view]: Sets the front camera view mode. (Around, Front Full, Two-Selection, Front+Left, Front+Right)
- [Rear view]: Sets the rear camera view mode. (Around, Rear Full, Rear+Left, Rear+Right)

Multi-view Camera System - Option

Door open warning



Driver-side door open warning

If the driver-side door is open, " " (red color on left-side door) is displayed on the top left side of the screen.

Passenger-side door open warning

If the passenger-side door is open, " " (red color on right-side door) is displayed on the top left side of the screen.

Trunk open warning

If the trunk is open, " " (red color on boot area) is displayed on the top left side of the screen.

Side mirror warning

If the side mirrors are folded, " " (side mirror) is displayed on the top left side of the screen.

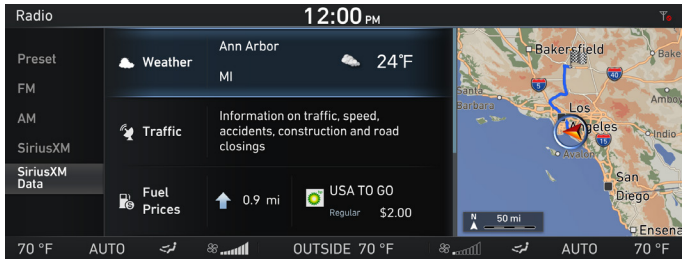
SiriusXM Data

About SiriusXM Data Service

- The SiriusXM Data Service is a paid membership Satellite radio service which provides users with traffic, stock, movie times, fuel prices and weather information.

Accessing SiriusXM Data

1. Press the HOME.
2. Press RADIO →[SiriusXM Data].



Information

- Fuel Prices information is supported for the vehicles purchased in USA.

SiriusXM Weather Information

Current Weather Information

In SiriusXM Data mode, press the [Weather].



SiriusXM Data

Weather Forecast

This service provides current weather information and weather forecasts for the five days in your region.

In SiriusXM Data Mode, press [Weather] → MENU →[Forecast].





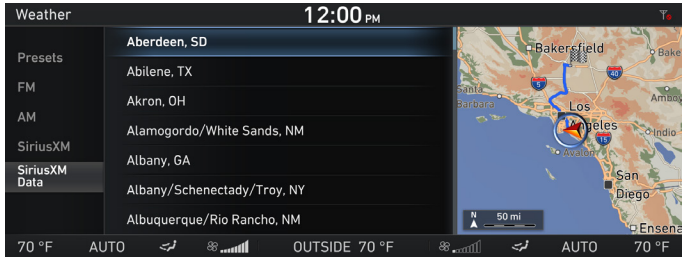
Weather Information for Other Regions

1. In SiriusXM Data Mode, press [Weather] → MENU →[Location List] →[Cities].



SiriusXM Data

2. Select the desired city.



Information

- To add the selected city to favorites, press MENU →[Add to Favorites].

Ski Resort Weather Information

This service provides weather and facility information for various ski resorts.

1. In SiriusXM Data Mode, press [Weather] → MENU →[Location List] →[Ski Resorts].



Information

- Ski resort weather information is not supported in the Forecast screen.

SiriusXM Data

2. Select the desired ski resort.



Information

- To add the selected ski resort to favorites, press MENU → [Add to Favorites].

Favorites

If cities or ski resorts are already saved to Favorites, they can easily be recalled. Up to 10 locations can be added.

1. In SiriusXM Data Mode, press [Weather] → MENU →[Location List] →[Favorites].



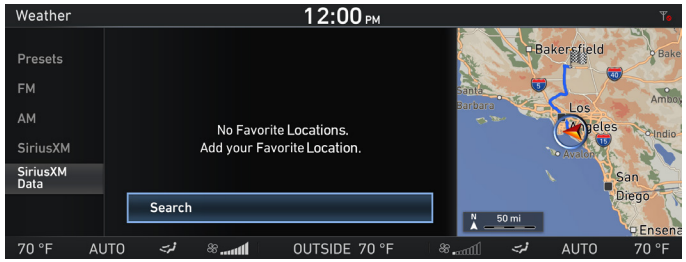
2. Select the desired city or ski resort.



SiriusXM Data

Information

- If there are no favorites, press [Search] to add a location.



Reordering Favorites

1. In the Favorites screen, press MENU →[Reorder].



2. Use the controller to select and reorder the favorites to the desired order.
3. Press BACK to complete ordering.

SiriusXM Data

Deleting Favorites

1. In the Favorites screen, press MENU →[Delete].
2. Select the Favorites you wish to delete and press MENU →[Delete].



- To select all Favorites, press [Mark all].
- To deselect the selected Favorites, press [Unmark all].

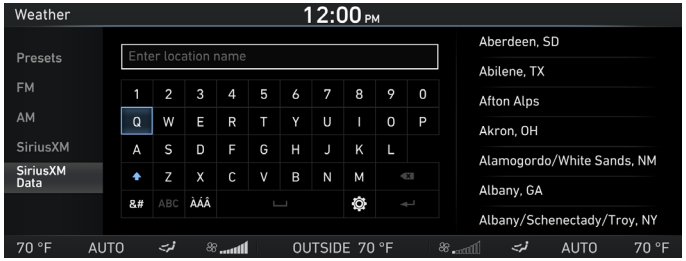
Search

This feature is used to search locations.

1. In SiriusXM Data Mode, press [Weather] → MENU →[Location List] →[Search].



2. Enter a name of location and press [↵]. Search results will be displayed.



SiriusXM Data

3. Select the desired location.



Information

- Pressing MENU → [Add to Favorites] will add the selected location to favorites.

Weather & Security Alerts

This service provides weather warnings and advisories, such as tornadoes, storms, floods, etc. on the map as symbols..

1. In SiriusXM Data Mode, press [Weather] → MENU →[Weather & Security Alerts].



2. Select the desired alert.



SiriusXM Data

Setting Weather & Security Alerts

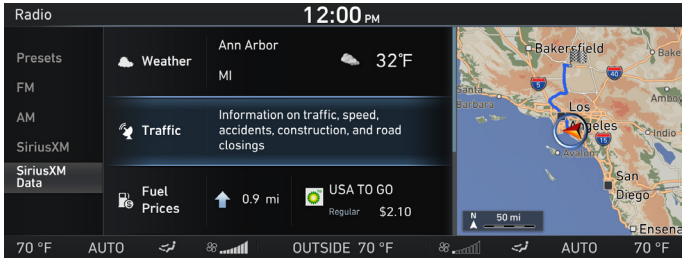
In the Weather & Security Alerts screen, press MENU.

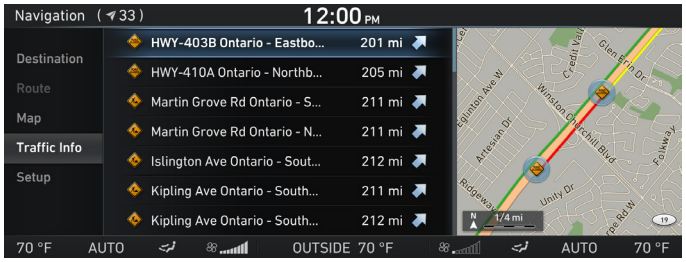


- [Alert Levels]: Sets the prioritization levels to [All], [Low], [High] or [Severe].
- [Set Range]: Sets the distance range to [50 mile], [100 mile], [200 mile] or [300 mile].
- [Marine/Coastal]: Sets whether to use regional marine/coastal information.
- [Show Pop-up]: Sets whether to display the alert pop-up.
- [Assistant Window]: Displays the Assistant Window settings menu.

SiriusXM Traffic Information

In SiriusXM Data Mode, press [Traffic].



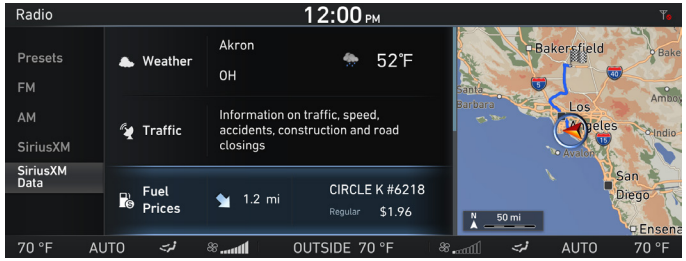


For more information, refer to the "Traffic Information" section on page 113.

SiriusXM Data

SiriusXM Fuel Price Information

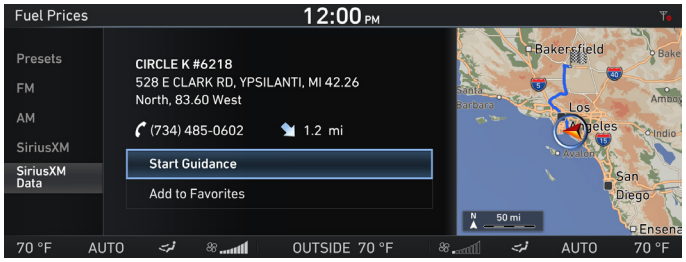
1. In SiriusXM Data Mode, press the [Fuel Prices].
   Gas stations and their distance and pricing information will be displayed in list form.



2. Select the desired gas station.



3. Press [Start Guidance] to start route calculation.



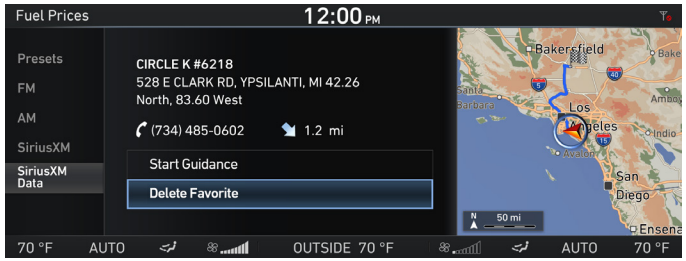
4. For subsequent operations, refer to the "Setting destinations through Free text search" section on page 98.

Information

- Pressing [Add to Favorites] will add the selected gas station to favorites.

SiriusXM Data

[Delete Favorite] will be shown for gas stations that are already added to your Favorites. Press [Delete Favorite] to delete the selected gas station.



You can also delete Favorites by pressing MENU →[Delete] from the Favorites list screen.

Fuel Price Information

In the Fuel Prices list screen, press MENU.



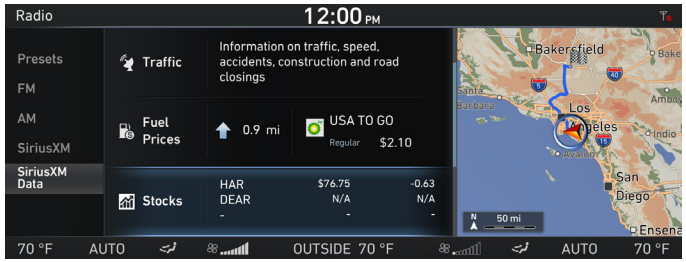
- [All]: Displays all gas stations.
- [Brand]: Displays gas stations by brand.
- [Fuel Type]: Displays gas stations by fuel type.
- [Favorites]: Displays gas stations within Favorites.
- [Sort by]: Sorts search results by [Distance], [Price], or [A to Z].
- [Add to Favorites]: Adds the current gas station to Favorites.
- [Search]: Enter names to search for specific gas stations.

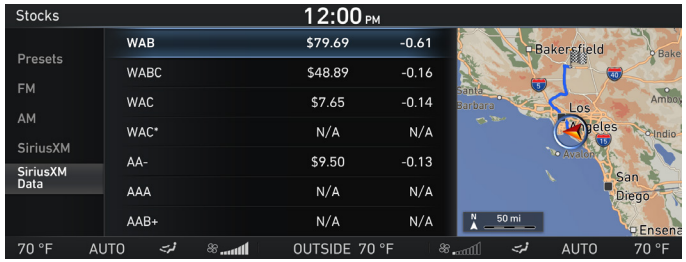
SiriusXM Data

SiriusXM Stock Information

This feature shows the current value and price changes for stocks you have added.

To use this feature, press the [Stock] menu in SiriusXM Mode.

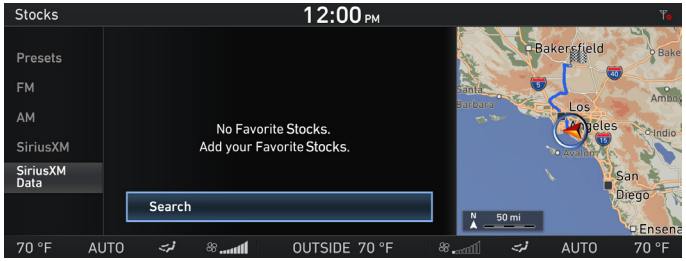




Searching Stocks

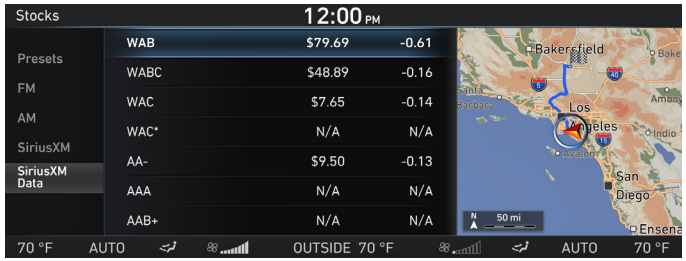
Upon entering the Stocks menu for the first time, the system will ask you to add your Favorite stocks.

1. Press the [Search] button to move to the stock search screen.

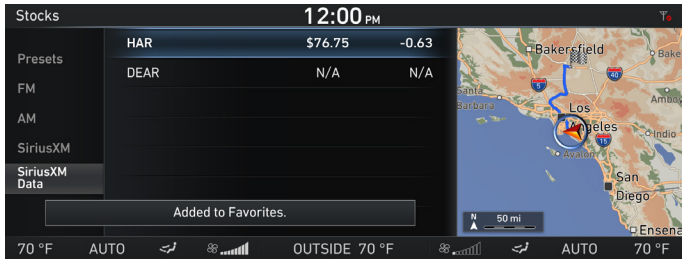


SiriusXM Data

2. Enter the stock name and press [↵]. Search results will be displayed in list form.

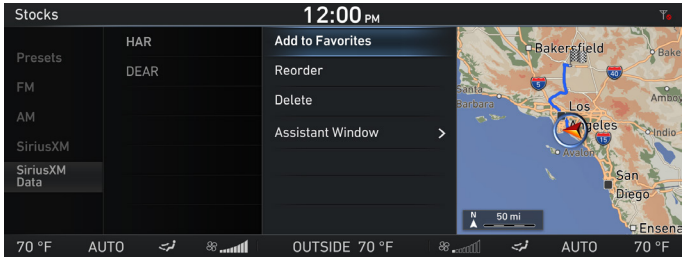


3. Select the desired stock.



Stocks Settings

In the Stock list screen, press MENU.



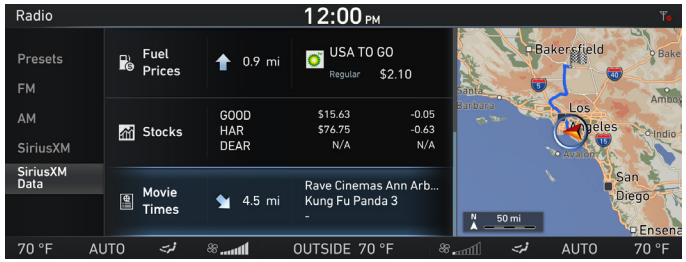
- [Add to Favorites]: Displays the search screen to search and add new Favorites.
- [Reorder]: Reorders the list display.
- [Delete]: Deletes the current stock from Favorites.
- [Assistant Window]: Displays the Assistant Window settings menu.

SiriusXM Data

SiriusXM Movie Information

This feature allows you to check for nearby theaters, current movies and show times. You can also add a theater to your Favorites list.

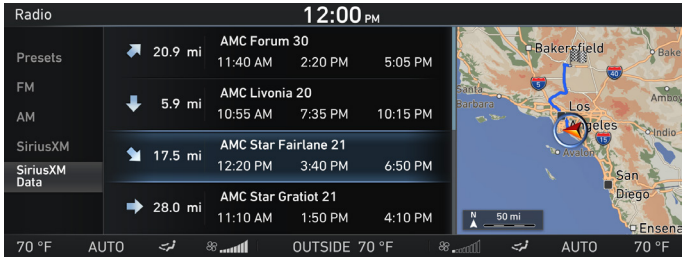
1. In SiriusXM Data Mode, press the [Movie Times].



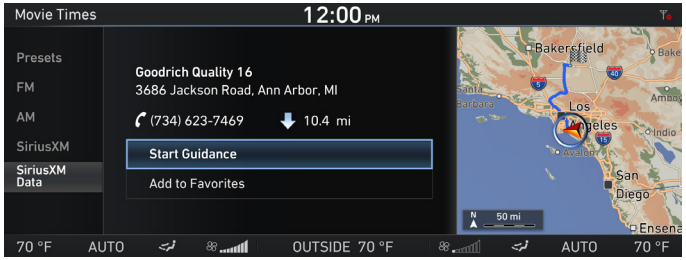
2. Select the desired movie. A list of theaters playing this movie will be displayed.



3. Select the desired theater.



4. Press [Start Guidance] to start route calculation.



5. For subsequent operations, refer to the "Setting destinations through Free text search" section on page 98.

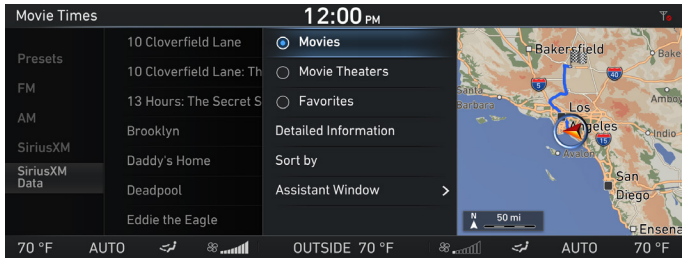
SiriusXM Data

Information

- Pressing [Add to Favorites] will add the selected theater to favorites.
- You can also use the [Movies], [Call], or [Subscription] features by pressing MENU.

Movie Settings

In the movie list screen, press MENU.



- [Movies]: Displays the movie list.
- [Movie Theaters]: Displays the theater list.
- [Favorites]: Displays theaters within Favorites.
- [Detailed Information]: Shows details on the selected movie.
- [Sort by]: Sorts search results by [A-Z] or [Film Ratings].
- [Assistant Window]: Displays the Assistant Window settings menu.

Theater Settings

In the theater list screen, press MENU.



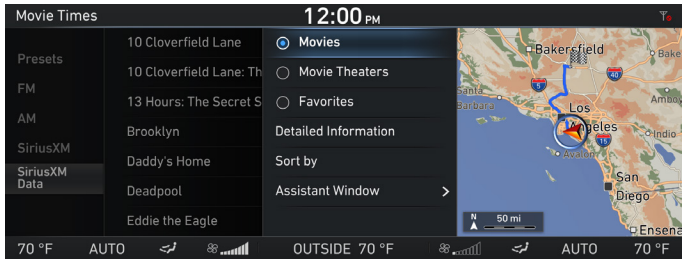
- [Sort by]: Sorts search results by [Distance] or [A-Z].
- [Search]: Enter names to search for theaters.
- [Add to Favorites]: Adds the current theater to Favorites.

SiriusXM Data

Favorites

If movies or theaters are already saved to Favorites, they can easily be recalled. Up to 10 locations can be added.

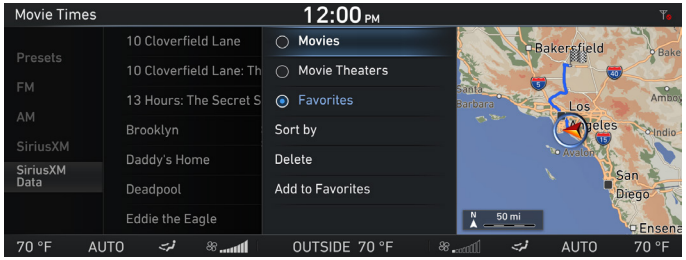
1. In SiriusXM Data Mode, press [Movie Times] → MENU →[Favorites].





Managing Favorites

In the Favorites screen, press MENU.



- [Sort by]: Sorts search results by [Distance] or [A-Z].
- [Delete]: Deletes the selected favorite.
- [Add to Favorites]: Adds the current theater to Favorites.

Blue Link (Genesis Connected Service)

Before using Blue Link®

Blue Link® is supported in USA only.

What is Blue Link?

Blue Link is a Genesis Brand telematics service based on our cutting-edge IT systems that makes your driving experience more convenient and fun. Included features cover 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” is a 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 vehicle symptoms and driving states. 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
- Areas not covered by regional telecom service providers

Blue Link (Genesis Connected Service)

Using the Rear View Mirror Keys



No.	Name	Description
1	Blue Link	• Connects to the Blue Link® Center to speak with consultants. • When pressed again during call, ends call.
2	Blue Link Voice Local Search	Request information about places via Blue Link Voice Local Search.
3	SOS	• When an unforeseen emergency occurs, used to make call and request Blue Link® SOS service. • When pressed again during call, ends call.

※ Blue Link function is supportive for the vehicles purchased in USA.

Getting Started with Blue Link®

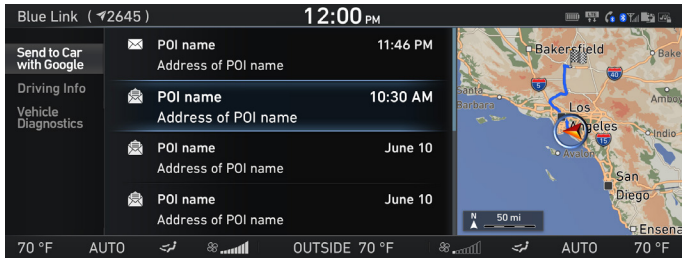
To use the various Blue Link® features, including Driving Info and Vehicle Diagnostics, you must first activate the Blue Link® subscription. A separate fee may be charged to activate Blue Link®. Features may also differ according to your service plan.

Using Blue Link®

Blue Link® features can be used to receive driving information and vehicle diagnostics. Since Blue Link® is a subscription-based service, first subscribe to Blue Link® for use.

Blue Link (Genesis Connected Service)

Press the BLUELINK key or press HOME →[Blue Link].



Menu	Service
Send to Car with Google	• Used to verify destination information sent from the Blue Link® center via Google.
Driving Info	• Used to verify driving information, such as driving distance, driving time, idle time, sudden acceleration/deceleration distribution, and speed range information
Vehicle Diagnostics	• Inspects abnormal vehicle states to show diagnostics results

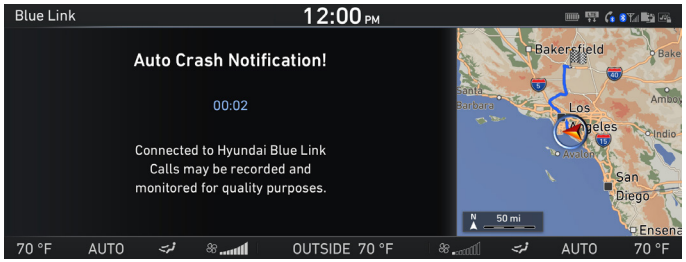
Blue Link® Safety and Security Service

Automatic Collision Notification

This feature provides immediate assistance when an accident occurs and an airbag is deployed. In the occurrence of such an 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 emergency services.

Information

- The Automatic Collision Notification feature is subject to adequate cellular coverage, signal strength, and battery power, and only available in the 50 United States. You must be an active Blue Link subscriber or within the initial free trial period to receive Blue Link services, including Automatic Collision Notification services.

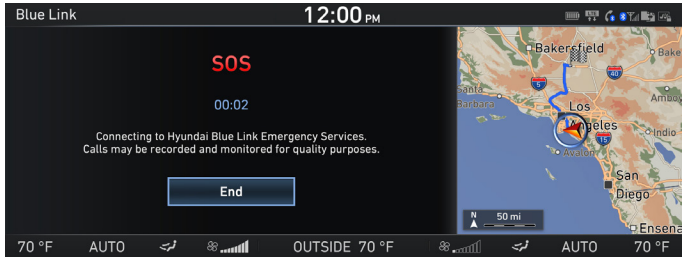


Blue Link (Genesis Connected Service)

SOS

Occupants may request emergency 911 assistance by pressing the dedicated SOS key in the vehicle. Pressing the key will transmit vehicle information and location to trained response specialists who will assist in coordinating the dispatch of appropriate emergency assistance to the vehicle.

The response specialist will remain on the line until advised assistance has arrived.



Stolen Vehicle Recovery

In the event that a Blue Link® vehicle is reported stolen (and a stolen vehicle report has been filed with the appropriate police department), the response center can provide assistance to law enforcement authorities in an attempt to recover the vehicle.

Vehicle Slowdown

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

Vehicle Immobilization

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

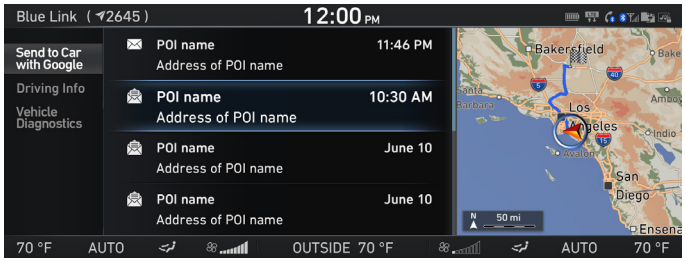
Blue Link (Genesis Connected Service)

Send to Car with Google

This feature is used to verify POI information received through Google, Blue Link® smartphone application and/or the Blue Link® center.

This feature is available only when Blue Link is activated.

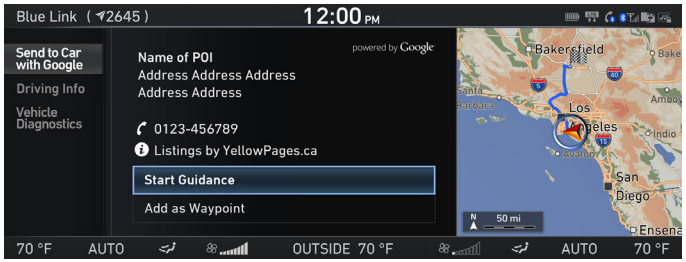
1. Press BLUELINK →[Send to Car with Google].



Information

- The POI list will be updated automatically.

2. Select the desired POI to view detailed information.



- [Start Guidance]: sets the selected POI as the destination for route guidance.
- [Add as Waypoint]: sets the selected POI as a waypoint.

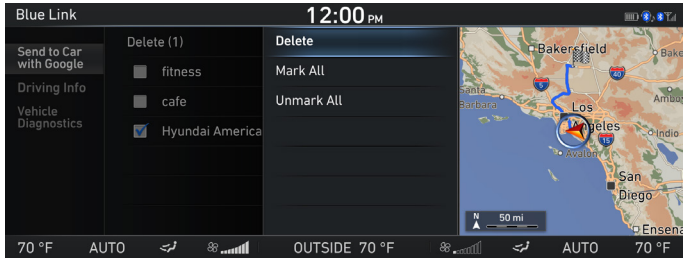
Information

- Press MENU to use the [Call] feature.

Blue Link (Genesis Connected Service)

Deleting POIs

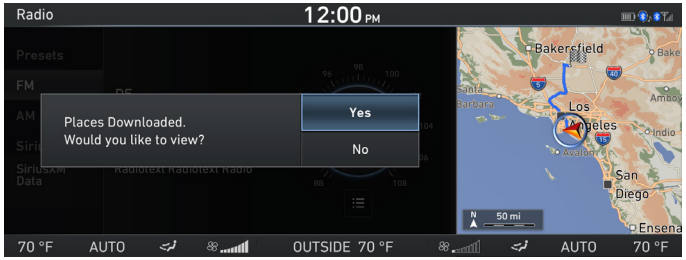
1. Press BLUELINK →[Send to Car with Google] → MENU →[Delete].
2. Select the desired POI list.
3. Press MENU →[Delete].



- To deselect all selected locations, press MENU →[Unmark All].
- To select all locations, press MENU →[Mark All].

Downloading POIs

1. Desired POIs within Google, Blue Link® smartphone application and/or the Blue Link® center can be downloaded and sent to your vehicle.
2. Once download is complete, the following message will be displayed the next time you turn your vehicle on.



3. Press [YES] to check the list of downloaded POIs.

Blue Link (Genesis Connected Service)

Driving Info

This feature shows driving related information. It is available only when the vehicle engine is on.

1. Press BLUELINK →[Driving Info].



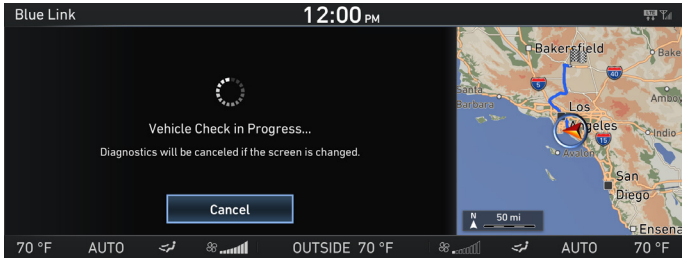
2. To update the driving info, press [Update].

Vehicle Diagnostics

This feature is used to inspect for abnormal vehicle states and display diagnostics results. Vehicle Diagnostics is available only when the vehicle is parked.

1. Press BLUELINK →[Vehicle Diagnostics].
2. Press [Manual Diagnostics].

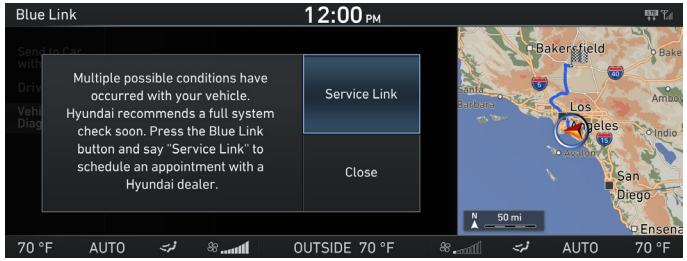




Information

- Entering another screen during vehicle diagnostics will cancel the diagnostics feature.

3. Verify the diagnostics results.



4. If an abnormality exists, press [Service Link] to call the Blue Link® center to verify the diagnostics results.

Blue Link Voice Local Search

About Blue Link Voice Local Search

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

Blue Link Voice Local Search is a separate feature from Voice Recognition.

Using Destination Search in Your Vehicle

- Press the [ ] key on your rearview mirror and state your destination when prompted.
- If the voice search does not return the desired destination, you can also use the keyboard to search again.

Search is conducted through network services and is only available when connected to a communication network.

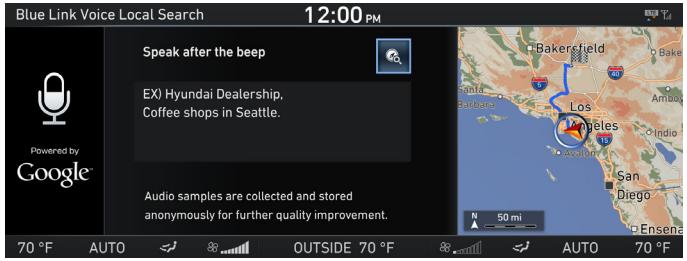
Information

- If the system language is set to Korean or French, Blue LInk Voice Local Search will not be supported.

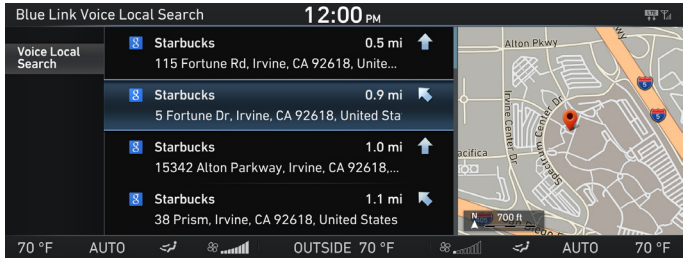
Blue Link (Genesis Connected Service)

Starting Blue LInk Voice Local Search

1. Press the [ ] key in the vehicle.



2. After the beep, say the desired POI name.



To display the POI search screen, press [ ]. The Places with Google search screen will be displayed.

Information

- Service subscription cannot be done while driving or on a call.
- When setting up the vehicle terminal, service setup may be unavailable if the vehicle is in an area without cellular connection. (Move to an area with cellphone reception and try again.)
- Turning off the car engine while service setup is in progress may result in terminal malfunction.
- Please call the Blue Link® center (855-2-BlueLink (855-225-8354)) if Blue Link® cannot be activated.
- For more information on changing or termination the subscription and other inquiries, please call the Blue Link® center.

Before Thinking there is a Product Defect

The current position shown on the navigation may differ from your actual location within the following circumstances. The following occurrences are not malfunctions.

- When driving on Y-shaped roads with narrow angles, the current position may be displayed in the opposite direction.
- The current position may sometimes be displayed on the opposite side of the road.
- Within city streets, the current position may be displayed on the opposite side or off-road position.
- When changing the zoom level from maximum to a different level, the current position may become displayed on a different road.
- If the vehicle is loaded onto a ferry or a car transport vehicle, the current position may stall on the last position prior to loading.
- When driving on a spiral-shaped road.
- When driving in mountain regions with sharp turns that require sudden braking.
- When driving after passing an underground parking structure, building parking structure, or roads with many rotations.
- When driving in heavy traffic with frequent go/stops.
- When driving in slippery conditions, such as heavy sand, snow, etc.
- When driving with a tire chain installed.
- When the tires have recently been replaced. (Especially upon use of spare or studless tires)
- When using tires of improper size.
- When the tire pressure for the 4 tires are different.
- When the replacement tire is worn or used. (Especially studless tires having passed two seasons)
- When driving near high-rise buildings.
- When a roof carrier has been installed.
- When calculating a long-distance route while driving on an expressway. In such cases, continued driving will automatically update the GPS information or conduct map matching to update your current position. (Several minutes may be required.)

Before Thinking there is a Product Defect

Route guidance may be incorrect in certain search conditions or locations. The following occurrences are not malfunctions.

- Guidance instructing the driver to drive straight could be provided while driving on straight-path roads.
- In some cases, guidance may not be provided after turning at an intersection.
- In some cases, guidance may not be provided when approaching an intersection.
- A route guidance signaling for a u-turn may occur in some No U-Turn intersections.
- Route guidance signaling entrance into a No-Entry Zone may occur. (No-Entry Zone, road under construction, etc.)
- Guidance to locations somewhat removed from your actual destination may be provided if the roads to reach the destination are too narrow or do not exist.
- Faulty voice guidance may be provided if the vehicle breaks away from the designated route. (ex: If a turn is made at an intersection while the navigation prompts the driver to drive straight.)

The following may occur after conducting route recalculation. The following occurrences are not malfunctions.

- Guidance may be provided to a position differing from the current position when turning at an intersection.
- When driving at high speeds, route recalculation may take a longer period of time.
- Route guidance signaling for a u-turn may occur in some No U-Turn intersections.
- Route guidance signaling entrance into a No-Entry Zone may occur. (No-Entry Zone, road under construction, etc.)
- Guidance to locations somewhat removed from your actual destination may be provided if the roads to reach the destination are too narrow or do not exist.
- Faulty voice guidance may be provided if the vehicle breaks away from the designated route. (ex: If a turn is made at an intersection while the navigation prompts the driver to drive straight.)

Before Thinking the Product has Malfunctioned

1. Errors which occur during the operation or installation of the device may be mistaken as device malfunctions.
2. If you are having problems with the device, try the suggestions listed below.
3. If the problem persists, Please call the Blue Link® center (855-2-BlueLink (855-225-8354))

Problem	Function
There are small red, blue or green dots on the screen.	Because the LCD is manufactured with technology requiring high point density, a pixel deficiency or lighting may occur with 0.01% of total pixels.
When the power is turned on, the corners of the screen are dark.	The display looking somewhat darker after prolonged periods of use is a normal phenomenon with LCD panels and does not indicate a malfunction.
The sound and video is not working.	• Has the vehicle ignition switch been turned to [ACC] or [ON]? • Has the system been turned OFF?
The USB does not work.	If the USB memory has been damaged, format the device to FAT 32, NTFS or exFAT and try again.
The video is working but there is no sound.	• Is the volume level set too low? • Is the volume set to MUTE?
Sound is working from only one speaker.	Is the position of FAL/BAL sound controls or volume adjusted to only one side?
Sound does not work in AUX mode.	Is the audio connector jack fully inserted into the AUX terminal?
The external device is not working.	Is the external device connected with a standard connector cable?
Upon turning the power on, the most recently played mode does not operate.	Within modes that play files by reading external media sources, such as USB, iPod, or Bluetooth audio, the most recently played mode prior to turning off the power will not operate if the media has been disconnected. If disconnected, the mode that operated prior to the most recent mode will operate. If that mode is also disconnected, then the mode operated prior to that will operate.

Troubleshooting

Mode	Problem	Countermeasure
Common	The device does not operate properly.	Reset the system. Use a pin or clip or pin to press the "RESET" button on the head unit.
	Sound does not work.	Adjust the volume level.
	The screen is dark.	Adjust the brightness level.
	The brightness level is to dark.	Adjust the brightness level.
	The sound and video does not work.	Check to see that the vehicle ignition switch has been set to "ACC" or "ON".
iPod	iPod is not recognized even though it has been connected.	Use iTunes to update the firmware version and reconnect the iPod with the device.
		If the iPod is not recognized due to an iPod device problem, reset your iPod and try again.
USB	The USB does not work.	If the USB memory has been damaged, format the device to FAT 32, NTFS or exFAT and try again.
		If the USB memory has been contaminated, remove all foreign substances on the contact surface of the USB memory and multimedia terminal.
		When using a separately purchased USB hub, disconnect the hub and directly connect the USB memory with the multimedia terminal on the vehicle.
		When using a USB extension cable, disconnect the extension cable and directly connect the USB memory with the multimedia terminal on the vehicle.
		The device may not support certain non-standard USB memory devices. Use only standard (Metal Cover Type) USB memory.
		If supported video, music, and image files do not exist, please download files with supported file formats and try again.

Troubleshooting

Mode	Problem	Countermeasure
Phone	Reception sensitivity is bad and the call strength is low. Reception and call strength are weak when passing through certain regions.	Try again in a few minutes or move to a different location and try again.
Bluetooth	Bluetooth cannot be connected from the head unit.	Check to see that your mobile device supports Bluetooth feature. Check to see that Bluetooth is turned on within your mobile device.
	Music cannot be played from the Bluetooth phone.	If the device is not in Bluetooth audio mode, change the media mode to Bluetooth audio and try again.
	Bluetooth music is not playing.	Check to see that there are music files within your mobile device. Download music files to your mobile device. Check to see that music has been added to the music playlist within your mobile device. Select the songs you wish to play within your mobile device.

Troubleshooting

Mode	Problem	Function
Navigation (NAVI)	Voice guidance does not work even though I am near my destination or tourpoint.	Check the GPS satellite reception state and park the vehicle in a location without any obstructions.
		Position errors may occur when GPS satellite reception is weak. In such cases, please wait until GPS satellite conditions improve.
		Check the volume level.
	A message is displayed stating that there are problems verifying the current position.	If the message persists, please visit a nearby maintenance center.
	There are errors in displaying the current position.	Please go to a place without any obstructions or wait until GPS satellite conditions improve.
	The current position is not displayed on the road.	This phenomenon is automatically corrected once speed and traveling direction are updated.
	The current position is not displayed.	Go to a place without any obstructions and park the vehicle.

Product Specification

AV/Navigation Specification

Common	Power supply	DC 12.6V (Battery)
	Operating power	DC 9 V ~ DC 16 V
	Current consumption	Head unit: 12.3A Screen: 4.3A
	Dark current	During 96Hour-mode: <5mA
	Operating temperature Range	-20 ℃ ~ +70 ℃
	Storage temperature Range	-40 ℃ ~ +85 ℃
	External dimensions (Head unit)	183 (W) x 93 (H) X 171 (D) mm
	Weight (Head unit)	2.5 kg
	Device name/Model name	Specific low power wireless device (wireless device for wireless data communication systems)/ P.AVN3.0 STD
	Manufacturer receiving certification	Harman Automotive Electronic Systems (Suzhou) Co., Ltd.
	Manufacturer / Country	Harman Automotive Electronic Systems (Suzhou) Co., Ltd./ China

Bluetooth	Supported profiles	HFP(1.6), A2DP(1.3), AVRCP(1.6), PBAP(1.2), SPP(1.2)
	Supported Bluetooth standard	3.0
	Frequency range	2402 MHz ~ 2480 MHz
	Channels	79 Channels
Tuner	AM	
	Frequency range	530 kHz ~ 1710 kHz ※ Guam 531 kHz ~ 1701 kHz
	Sensitivity	40 dBuV
	Frequency characteristics	30 Hz ~ 10000 Hz
	Signal to noise ratio	min 40 dB
	FM	
	Frequency range	87.7 MHz ~ 107.9 MHz ※ Guam 87.5 MHz ~ 107.9 MHz
	Sensitivity	10 dBuV
	Frequency characteristics	30 Hz ~ 10000 Hz
	Signal to noise ratio	min 50 dB

Product Specification

AV/Navigation Specification

Audio	Max output	12 ch AMP : 75w / channel
		10 ch AMP : 60w / channel
	Bass	-10dB ~ +10dB
	Mid	-10dB ~ +10dB
	Treble	-10dB ~ +10dB
LCD Display	Screen Size	Front Seat • Wide-type 312.42mm (12.3 inch) • 292 (W) x 109.5 (H) mm (Active area)
	No. of Pixels	Front - 1,382,400 pixel
	Operating method	Front • TFT, In Plane Switching (IPS), Active Matrix
	Viewing angle	Front • Viewing Angle free (R/L 178(Min), U/D 178(Min.)
	Internal lighting	Front • LED
Wireless Bluetooth Module	Name	MOD-SM WNC BT/WLAN CWM-02B-BT2-SP D5
	Manufacturer / country	WNC (Wistron NeWeb Corporation) / Taiwan
CDMA	Frequency	Tx : Frequency: 824MHz~849MHz(BC0), 1850MHz~910MHz(BC1)
	Rx Sensitivity	≤ -104dBm(BER ≤ 0.5%)
	Maximum RF Output	Power class3(BC0) Power class2(BC1) 23.01dBm~25.5dBm max.
LTE Modem Product Specification	Name of Device / Model Name	LTE mobile wireless communications devices and equipment (other)/LTD-VL2000
	Company receiving Authorization	LG Innotek
	Manufacturer / Country	LG Innotek / Korea

- The designs and specification of this product may change without prior notification for product improvement.
- This wireless equipment cannot provide services related to human safety due to potential electromagnetic interference.
- For open source licenses and legal notices, please contact opensource_INFO_HMC@harman.com.

Warranty Information

The warranty period for this product is calculated from the date of vehicle release (date of registration). If possible, receive required maintenance services within this warranty period.

Free Services

Maintenance repairs are provided at no cost in cases of malfunctions occurring during normal use within the warranty period.
The warranty period calculation shall be in accordance with the vehicle owner's manual/warranty provided by the vehicle manufacturer.

Pay Services

- In cases of malfunction due to user negligence
- In cases of malfunction due to natural disasters (fires, earthquakes, floods, storms)
- In cases of malfunction due to use of abnormal power supplies
- In cases of malfunction caused by defective external devices
- In cases of malfunction due to repairs or modifications performed by unauthorized persons and/or undesignated maintenance centers

Compensation for Consumer damages

Compensations for consumer damages in regards to this product shall be in accordance with the Consumer Dispute Resolution Criteria as notified by the Fair Trade Commission.

- Attaching sun tints (2-tone sun tints) with metal constituents to the glass antenna may significantly decrease reception performance. Components manufactured in different countries, by other manufacturers, or used components could be used upon repair. However, only components that ensure normal operation and the same level of functionality shall be used.