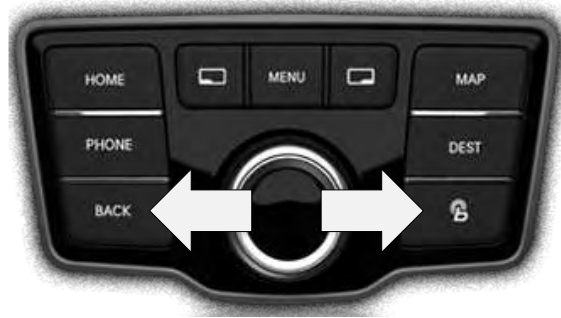# Bluetooth Audio

Selecting Bluetooth Audio

While playing ▶ Shortly push the controller left/right (under 0.8 seconds) or shortly press the [SEEK], [TRACK] key to select the previous/next song.

**Notice**
• The title/artist info may not be supported in some mobile phones.
• Play/Pause, Previous/Next function may not be supported in some mobile phones.

Auto Playlist

Auto Playlist

Press the [MENU] key ▶ Select [Auto Playlist]

The Auto Playlist feature is supported only within DISC CD, USB Audio, and Jukebox Audio modes.

List of songs similar with the current song is displayed.
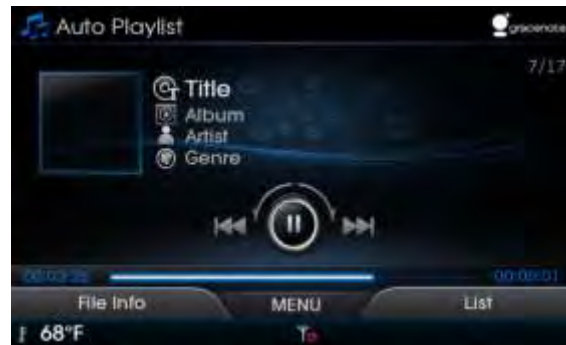Once the desired song is selected, then Auto Playlist mode will operate.
Press Back to cancel viewing Auto Playlist.

Notice
• Auto Playlist is a Gracenote feature and will operate only after song information has been checked.

Exiting Auto Playlist

Auto Playlist mode can be exited by starting a different AV mode or by pressing [Exit Auto Playlist] within [MENU].

3 Navigation

- Before Use
- Starting Navigation
- Searching Destinations
- Route Menus
- Navigation Settings
- GPS Information

Before Use

Safety Cautions

• For safety, some functions will be inactive while the vehicle is in motion.
Buttons that cannot be operated will be inactive.

• Roads names and POI information may not always be completely updated.
Some places may not include up-to-date information.

• The route displayed for destination guidance is a reference that will take
you to the vicinity of your destination.

• The navigation system uses GPS information, various sensors, road map
data, and other related information to display the current position. Errors
may occur if the satellite is transmitting inaccurate signals or if which can
only two or less satellite signals can be received. Errors which occur in such
conditions cannot be corrected.

• The current position may become displayed on at a place somewhat
different from your actual location. The car position mark may differ from
the actual location due to the state of the GPS satellites or the vehicle
(driving location and conditions). In addition, the car position mark can
become deleted from the actual position when driving on roads different
from the map data, such as newly constructed roads.

• Even if the car position mark on the map is different, map matching or GPS
info are used to automatically update the current position.
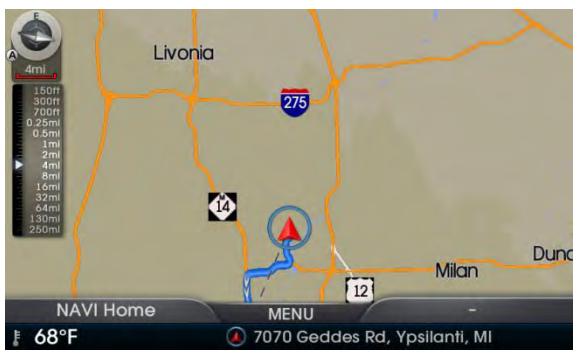(In such cases, up to several minutes may be required.)

About the Map

Some roads, site names, facility information and fare rates may have changed after map data development and may differ with actual road conditions.

About Map Scale

If 100m is displayed on the left side of the map, this represents a map scale of 1/10,000.

Actual distance

Level	mi / ft	km / m
1	150 ft	50 m
2	300 ft	100 m
3	700 ft	200 m
4	0.25 mi	400 m
5	0.5 mi	800 m
6	1 mi	1.6 km
7	2 mi	3.2 km
8	4 mi	6.4 km
9	8 mi	12 km
10	16 mi	25 km
11	32 mi	50 km
12	64 mi	100 km
13	130 mi	200 km
14	250 mi	400 km

Information
• Turn the controller left/right to change the scale.

About Map Icons

Icons displayed on the map may be different with actual conditions. Also, display of multiple icons may be displayed under one mark.

About Map DB

Unlicensed copying of the map in any form, in full or in part, is strictly prohibited.

About Map Updates

**1. Download the update file from http://www.mapnsoft.com to your computer then unzip it.
2. Move the update files to the root of your USB.
3. To learn more, refer to the 'System Update' section of this user's manual.**

About Voice Guidance

During destination guidance, voice guidance will be provided when you reach an intersection or are near your destination.

<Example of voice guidance during destination guidance>

-In front of an intersection

Turn right in about 700m. Right turn ahead.

-Upon entering a toll road

Right turn ahead. You are entering a motorway. Toll gate ahead.

※ Please use voice guidance only as a reference to assist in your driving.

- Example of voice guidance when arriving at the destination

You are near your destination. Voice guidance will end.

Information
• The above voice guidance examples are normal cases. However, the actual voice guidance may differ depending on the road type.
• If the car position is not accurately measured, then voice guidance may not be given, or may be given later or improperly.
• It is possible to adjust the Navigation guidance volume.

Guidance when using other modes

Voice guidance will continue even when converting from the navigation screen to a different mode screen.

Information
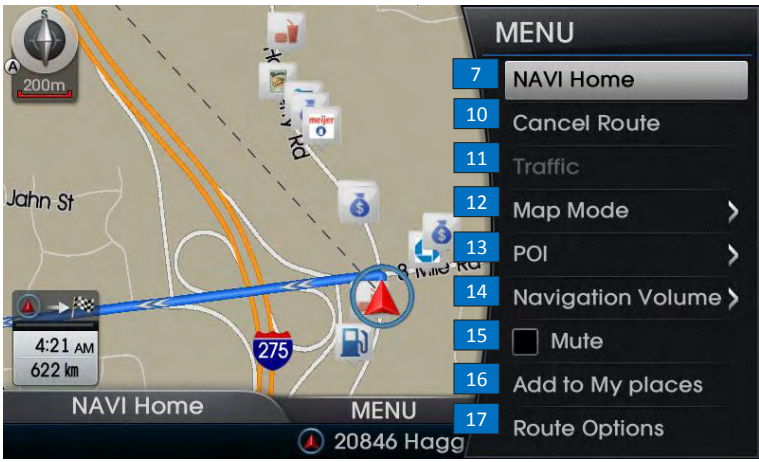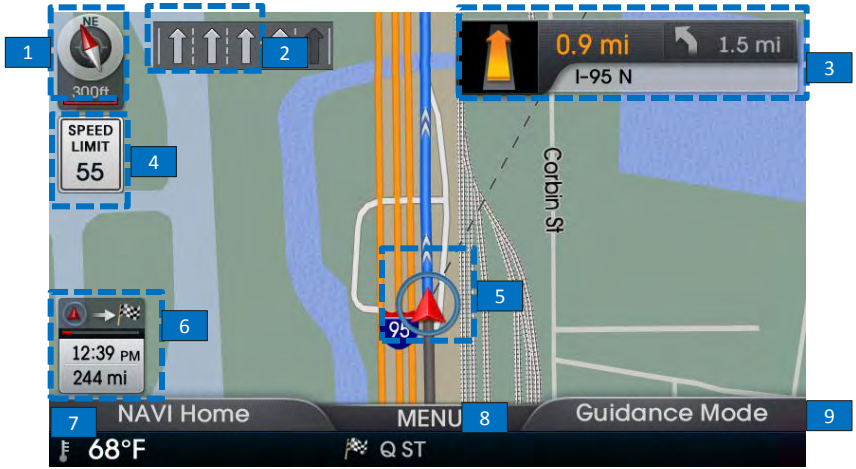Even when voice guidance has been muted, destination guidance will continued to be provided.

Navigation

Basic Mode Screen

No.	Name	Details
1	Car direction and Scale	Map direction and GPS reception state and scale display
2	Lane Info	Recommended lanes taking the following intersection and expected route into consideration
3	Preliminary Guidance	Displays direction, ETA, remaining time and distance from current position to the destination
4	Speed Limit	Displayed at all times when driving on roads with speed limits
5	Car Position Mark	Displays the current vehicle position and direction
6	Remaining Distance	Remaining distance until next turn
7	NAVI Home	Displays the Navi menu screen
8	MENU	Destination, Route and NAVI Setup, GPS Info list
9	Guidance Mode	Changes the right Navi screen mode
10	Cancel Route	Cancels the currently set route
11	Traffic	Enters the Traffic List screen. Provides traffic information for areas nearby the current position and current route. Detour routes can be calculated in the existence of traffic conditions (Construction, Incident, Accident).
12	Map Mode	Sets map display mode
13	POI	Displays the POI list
14	Navigation Volume	Controls navi voice guidance volume
15	Mute	Mutes navi voice guidance
16	Add to My Places	Add my places and user cameras to the current position
17	Route Options	Used to recalculate route to the destination

Starting Navigation

Press the [MAP VOICE] key or press the [HOME] key ▶ Turn the controller left/right and select Navigation ▶ Navigation mode will start.


Displaying the Current Position

Press the [MAP VOICE] key within any mode while using to system to display the current position, vicinity and the current position mark.
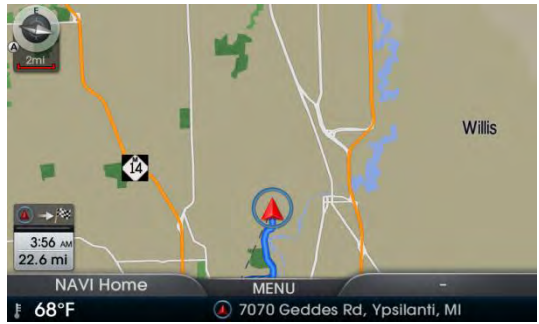
Information
• If you turn on AV mode while the Navigation is operating, only voice guidance will be provided.

Information
• When riding in a new car or after replacing the battery terminal, the car position mark may appear at a location different from your actual current position.
• Even if the car position mark on the map is different, map matching or GPS info are used to automatically update the current position.

Changing the Map Mode

Press the [MAP VOICE] key ▶ Press [MENU] ▶ Select [Map Mode]
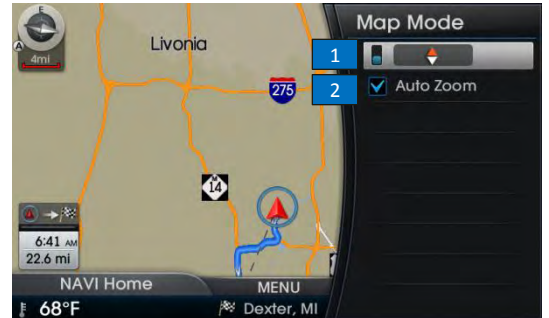
No.	Name	Details
1	Heading Up/North Up	Displays map in Vehicle Traveling Direction (Heading Up) or the North-Up direction
2	Auto Zoom	Sets whether to automatically adjust the map scale when the vehicle is in motion

This feature is used to set map screen related options, such as Heading up/North up, Auto Zoom setting.

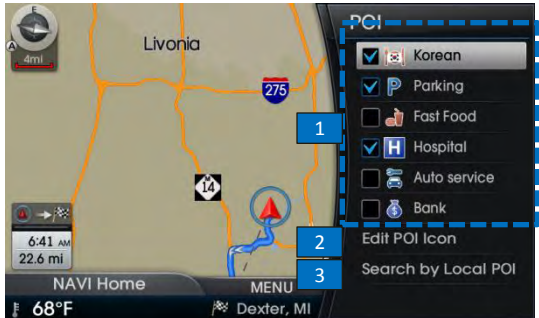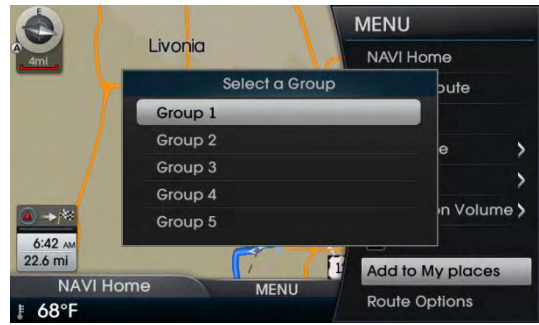| No.	Name	Details
1	POI Icons	Sets POI facilities
2	Edit POI Icon	Sets the 6 POI icons to the desired genre through user editing
3	Search by Local POI	Moves to Search by POI screen

POI

Press the [MAP VOICE] key ▶ Press [MENU] ▶ Select [POI]

Within the screen when the POI menus are displayed, pressing one of the 6 facility icon buttons will display the corresponding facilities.

Add to My Places

Press the [MENU] key ▶ Select [Add to My Places]

This feature is used to save the current position or the scrolled position as a My Place.
To save the position, press the controller after selecting the desired group.

Navigation

## Searching Destinations

No.	Name	Details
1	Search by Address	Destination search by entering the Street, City and State
2	Search by POI	POI searches for current position/scroll position/destination/region
3	Previous Destinations	Destination guidance for recently set locations
4	Previous Start Position	Destination guidance for recently set start position
5	Previous Searches	Destination guidance for recently searched locations
6	Emergency	Used to search nearby Police station, Hospital, Auto Services from current position
7	My Places	Destination guidance for recently added My Places
8	Quick Menu	Moves to Quick menu
9	Favorites	Displays Home/Office/Favorites list
10	Intersection	Used to search destinations by selecting streets/intersections
11	Coordinates	Destination search by entering latitude and longitude
12	Exit/Entrance	Used to search destinations by searching for expressway exits/entrances
13	Previous Map	Moves to previous map screen

Navigation

Quick Menu

Press the [DEST] key ▶ Press [LFT Quick Menu button.
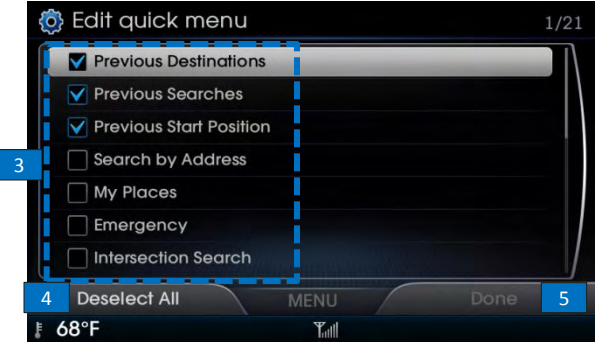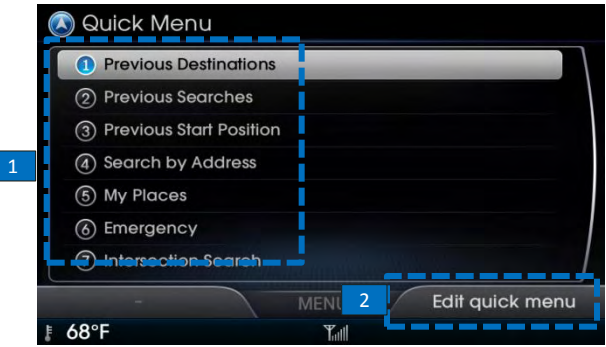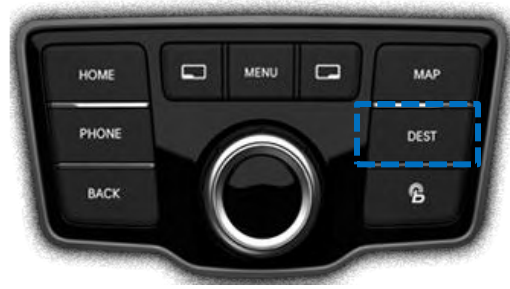
These menus allow you to set frequently used menu to Quick List.
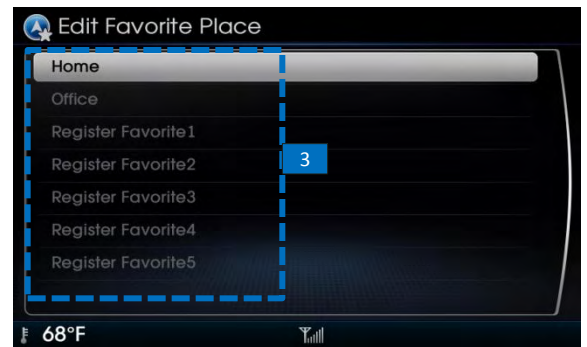To add or delete Quick list, select the [RHT] Edit Quick Menu button.

No.	Name	Details
1	Quick Lists	Registered Quick menu lists
2	Edit Quick Menu	Add and delete Quick menu lists
3	Menu Lists	Editable Quick menu lists
4	Deselect All	Unmark all selected Quick menu
5	Done	Finishes editing Quick menu

Information
• Among 11 quick menus, Up to 7 quick menu can be added to Quick menu.

Favorites

Press the [DEST] key ▶ Press [ ]Favorites button.

This feature is used to register frequently visited positions to favorites.
Select the [RHT] Edit Favorite Place to add or delete favorites.

Navigation

No.	Name	Details
1	Favorites lists	Registered Favorites lists
2	Edit Favorites	Add, edit, and delete Favorites
3	Menu Lists	Editable Quick Menu lists

Information
• Up to 7 positions can be added to Favorites.

Address Search

Press the [DEST] key ▶ Select [Search by Address]

This search feature is used to search destinations by addresses through Street/City/State.
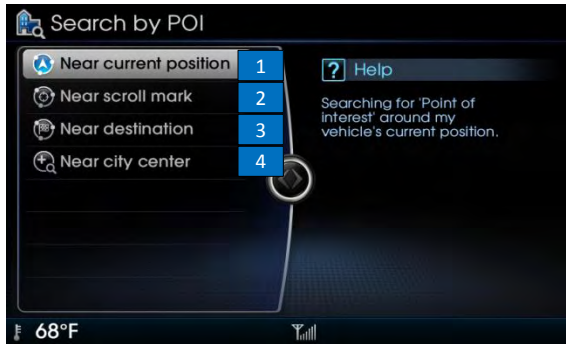
No.	Name	Details
1	Street	Destination search by entering the street address
2	Select City	Destination search by entering the city name
3	State	Selects state

POI Search

Press the [DEST] key ▶ Select [Search by POI] ▶ Select the desired Category

No.	Name	Details
1	Category	Search for POIs by selecting through POI categories
2	ZAGAT	Search for ZAGAT restaurant guide POIs from among POIs within the vicinity
3	Name	Search POIs by name
4	Phone Number	Destination search by entering the phone number
5	State	Selects state

This search feature is used to search destinations by criteria (Near current position, Near scroll mark, Near destination)

No.	Name	Details
1	Near Current Position	Searches POI around the vehicle's current position
2	Near Scroll Mark	searches facilities based on the current scrolled position
3	Near Destination	searches facilities based on the location of the destination
4	Near city center	searches facilities based on the selected location
5	Category	Selects POI categories
6	POI Mark	Selects POI marks

Phone Number

Press the [DEST] key ▶ Select [Search by POI] ▶ Select [Phone Number]

This feature is used to search the locations of POIs by entering the phone number of the facility you wish to search.
When entering the phone number, the area code must be included.

Navigation

Information

• The telephone number and location may not the same for some POIs. In addition, the following types of facilities may be more frequently located in other locations.

• Locations of department stores, museums, and amusement parks may somewhat differ from the set destination. Check the exact address when trying to reach such destinations.

• Within general information newspapers, there are cases when phone numbers of concert halls list the numbers of managing companies. In such cases, searches will be to the managing company.

• The telephone number and addresses may change at any time.

Previous Destinations

Press the [DEST] key ▶ Select [Previous Destinations]

These search features allow you to search previous routes to use to set destinations or waypoints.
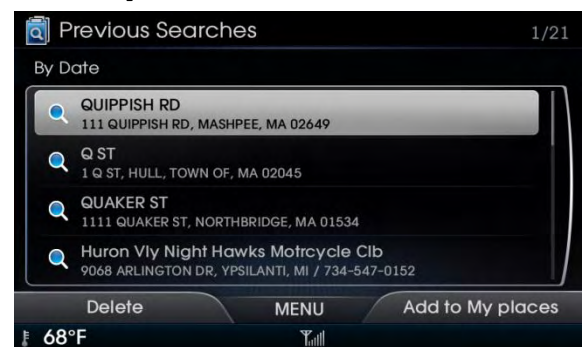
Previous Start Position

Press the [DEST] key ▶ Select [Previous Start Position]

These search features allow you to search previous start points to use to set destinations or waypoints.

Previous Searches

Press the [DEST] key ▶ Select [Previous Searches]

These search features allow you to search previous searches to use to set destinations or waypoints.

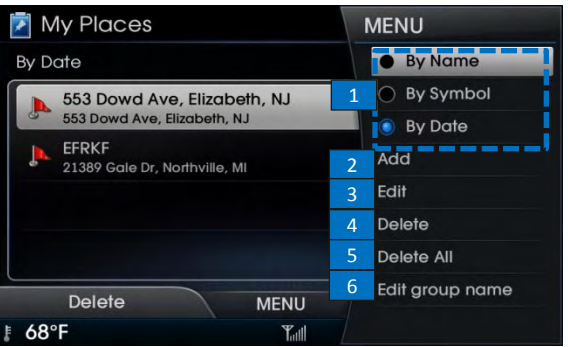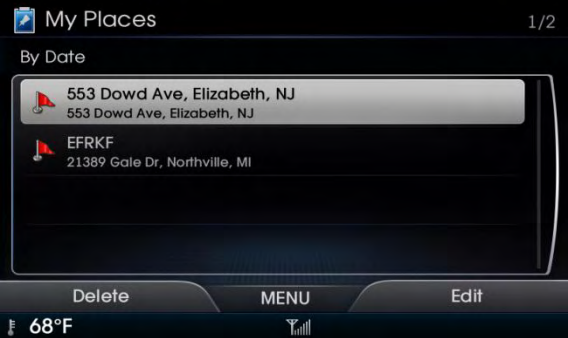## Emergency

Press the [DEST] key ▶ Select [Emergency]

This menu is used to search nearby police stations, hospitals, and dealerships.

Navigation

My Places

This search feature is used to search destinations by selecting previously saved My Places from the list to set as Destinations.

No.	Name	Details
1	Sort	Sort POIs and locations by name/symbol/date
2	Add	Adds a new place to My Place group
3	Edit	Edits selected place
4	Delete	Deletes selected place
5	Delete All	Deletes all registered places
6	Edit group name	Edits My Places group name

Intersection

This feature is used to set intersections as destinations by searching for the names of two streets and finding where they intersect.

Coordinates

Press the [DEST] key ▶ Select [Coordinates]

This feature is used to search the locations by entering longitude and latitude coordinate information.

Information
• When entering one digit number, 0(zero) should be entered first.

Exit/Entrance

Press the [DEST] key ▶ Select [Exit/Entrance]

This search feature is used to search destinations by entering the Exits and Entrances of corresponding expressways.
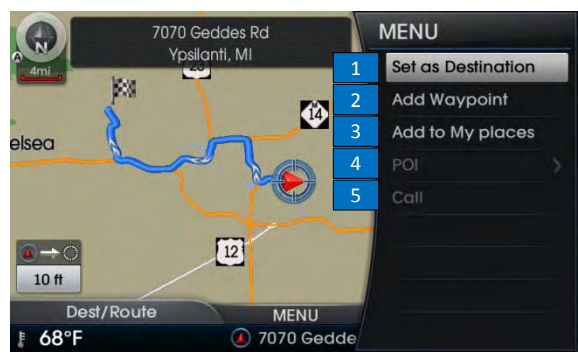
Enter the name of the Freeway corresponding to the desired destination. Once search is complete, press the controller to select the desired location from the list.

## Previous Map

Press the [DEST] key ▶ Select [Previous Map]

The previously displayed position is displayed by scrolling the map.

NO.	Name	Details
1	Set as Destination	Sets the facility or position where the cursor is positioned as the new destination
2	Add Waypoint	Sets the facility or position where the cursor is positioned as a waypoint
3	Add to My Places	Adds the facility or position where the cursor is positioned to My Places
4	POI	Sets destination by searching POI
5	Call	Makes a all to the facility or position where the cursor is positioned

Set as Destination

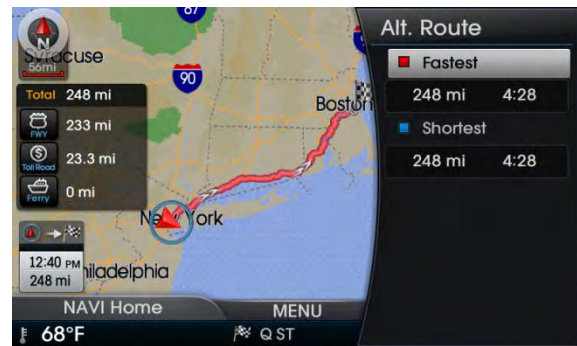**Press the [DEST] key ▶ Search destination ▶ Select [Set as Destination]**
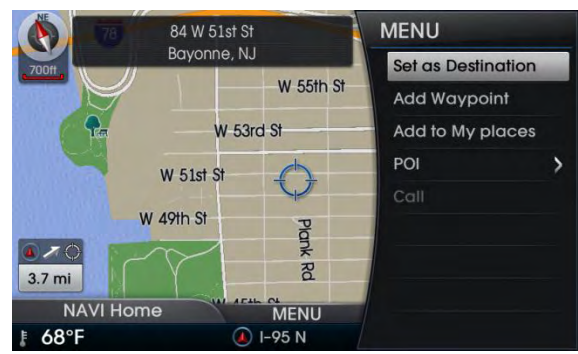
After searching for the destination according to the map search method, select the desired destination from the list. (For more information on destination search methods, refer to the Destination Search section.)

After verifying the location of the searched position, select the [Set as Destination] button to calculate the route. The Route Overview or Multipath screen will be the displayed.
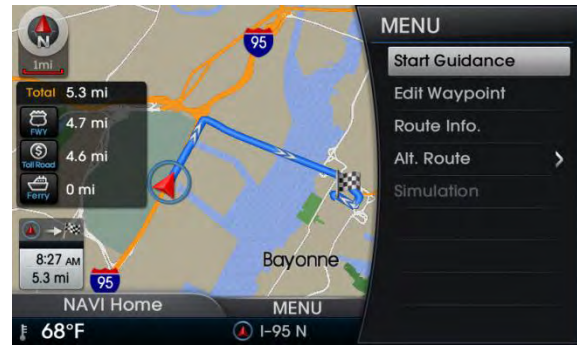
Navigation

<Alternative Route>

<Route Overview>

Within the Route Overview or Alternative Route screen, press the [Map VOICE] key or select the [Start Guidance] button to begin guidance. To add a destination, select the [Add Waypoint] button.

Simulation

Once route calculation is complete, select the [Simulation] button to view a demo of the route guidance.

During Simulation, pressing the [Map] key will end the Simulation and display the current map position. If you start driving the vehicle while the simulation is in progress, simulation will end and route guidance will start.

Information
• Simulation will not operate after route guidance has begun. When wishing to use the simulation feature, do so after calculating the route but prior to receiving route guidance.
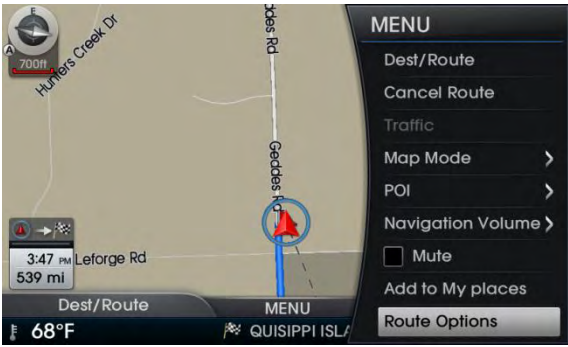

Add Waypoint

In the map screen ▶ Press the [MENU] key ▶ Select [Add Waypoint]

Searching for the destination according to the map search method after searching for waypoints within the map screen, select the [Add Waypoint] button to add the waypoint to the current route.

Route Options

In the map screen ▶ Press the [MENU] key ▶ Select [Route Options]

Selecting the [Route Options] will display a pop up that allows you to change route settings and conditions. Once the settings are changed, the route will be recalculated by reflecting the changes.
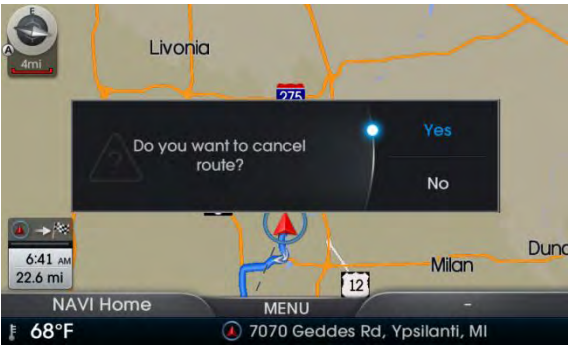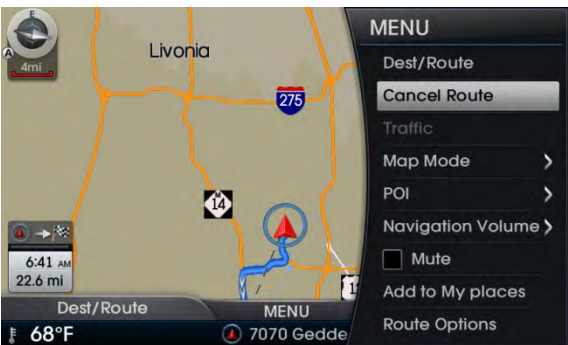

Information
• For more information on Fastest, Shortest, and other calculating options, refer to the "Route Option" section.

Navigation

Cancel Route

In the map screen ▶ Press the [MENU] key ▶ Select [Cancel Route] ▶ Select [Yes]

The currently calculated route is canceled and deleted.

Route Guidance

The preliminary guidance, intersection guidance, turn list guidance, motorway mode screen are displayed depending on the current road condition.
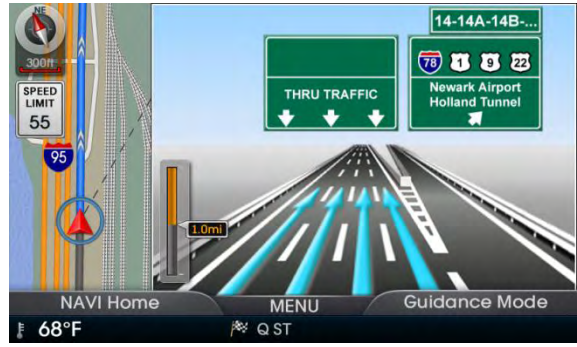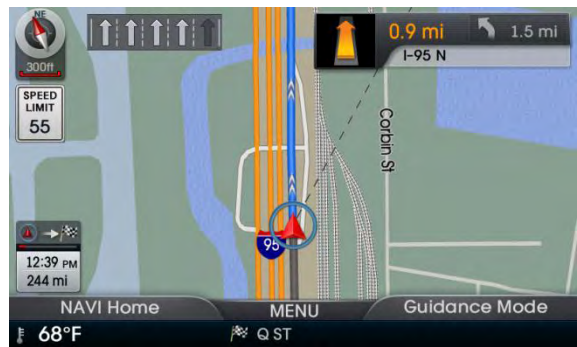
Within the destination guidance map screen, if the current position is on route, then intersection guidance will be provided when nearby an intersection. In addition, when nearby an intersection, the intersection zoom screen is displayed.

Preliminary Guidance Mode

At the top right side of the screen, the first and second turn info, remaining distance, direction and other information are displayed.

Navigation

Intersection Zoom Mode

This mode provides detailed guidance nearby intersections before an expected turn. This mode will start displaying before the intersection.
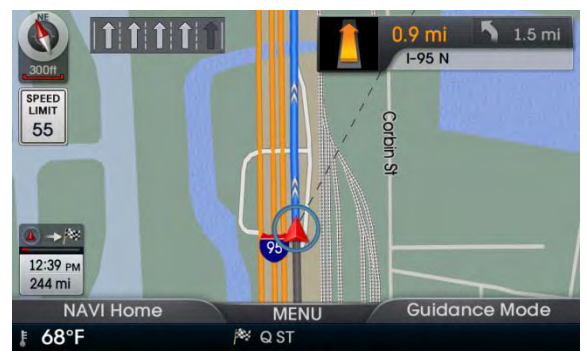
Turn List Mode
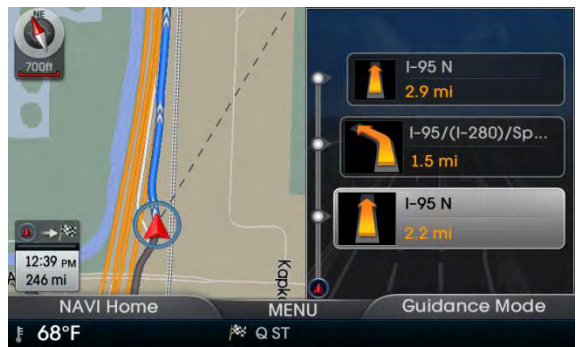
This mode shows turn information for the current the route.

Motorway Mode

<All>

<Summary>
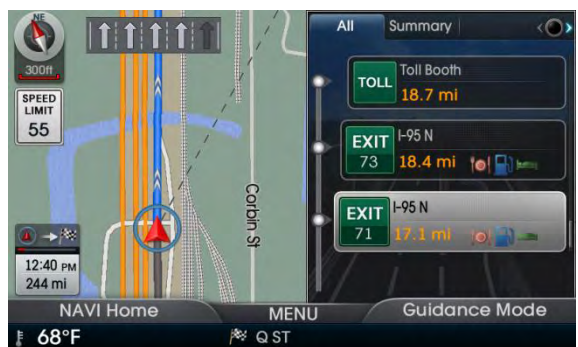
Upon entering a motorway during route guidance, the motorway mode will automatically be displayed. This mode is displayed when driving on an expected route and display mainly motorway related POIs.

Selecting [All], [Summary] at the bottom right side of the screen will change the route guidance mode.
Press the controller left/right to switch display mode and check POI info list.
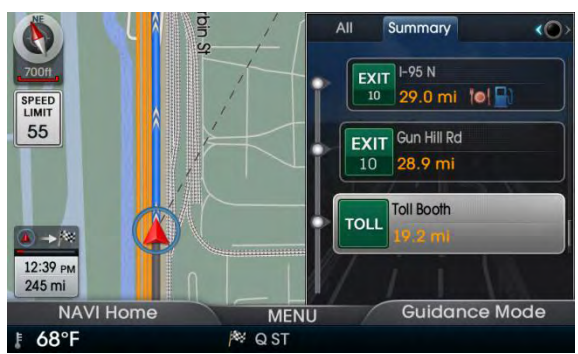
Information
• Some POIs may not be displayed if seven(7) or more POIs exist within the position.

Route Menu

No.	Name	Details
1	Cancel Route	Cancels the currently set route
2	Route Overview	View route overview to the current destination
3	Route Option	Route calculation features that include various route calculation options and settings
4	Edit Waypoint	Add/delete/change order of destinations/waypoints
5	Destination Info.	Shows the estimated arrival time and remaining distance to the destination
6	Route Info	Detailed info on the route to the current destination and provides detour routing options
7	Avoid Area	Edit route by adding Avoid Areas/Editing Avoid Areas and Deleting Avoid Areas

Navigation

Canceling the Route

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [Route] ▶ Select [Cancel Route] ▶ Select [Yes]
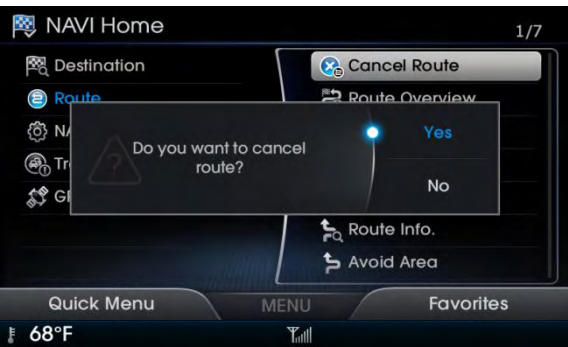
Guidance to the current route is canceled.

Route Overview

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [Route] ▶ Select [Route Overview]
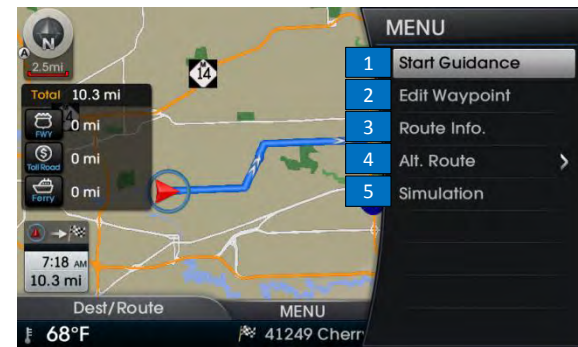
No.	Name	Details
1	Start Guidance	Starts route guidance to the destination
2	Edit Waypoint	Add/delete/change order of destinations/waypoints
3	Route Info.	Route guidance information to the set destination and calculate detours
4	Alt. Route	Displays various alternative route options to select the desired route calculation method
5	Simulation	Route simulation to the set destination

Within the Route Overview screen, selecting the [Alt. Route] button or setting 'Calculate Alternative Routes upon Calculation' within Navigation Setup will display alternative routes on the screen.
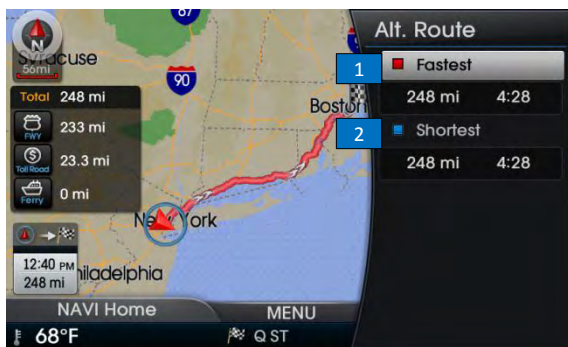
No.	Name	Details
1	Fastest	Recommended route that reflects distance and traffic conditions
2	Shortest	The shortest distance from start point to destination

Navigation

Route Option

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [Route] ▶ Select [Route Option]

Fastest

This option provides calculates routes by reflecting the average speed of streets and roads to the destination.

Shortest

This option provides guidance by calculating the shortest distance route to the destination.

Advanced Settings
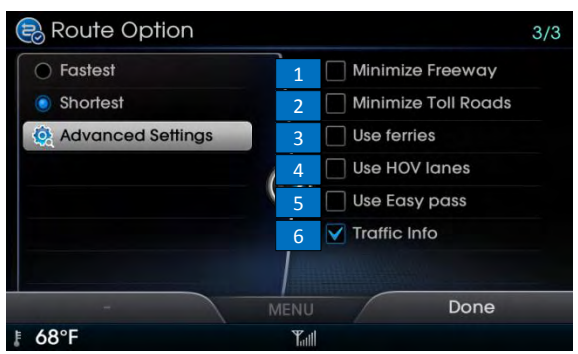
Advanced settings allow you to set whether to include motorways, toll roads or ferries within route calculation.

No.	Name	Details
1	Minimize Freeway	Route calculation with minimal use of motorways
2	Minimize Toll Roads	Route calculation with minimal use of toll roads
3	Use Ferries	Route calculation by including/not including ferries
4	Use HOV/Car Pool lanes	Route calculation by including use of HOV lanes
5	Use Toll pass	Route calculation by including use of Easy Pass
6	Traffic Info	Route calculation by considering traffic information

Navigation

Edit Waypoint

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [Route] ▶ Select [Edit Waypoint]

This feature displays the start point, waypoints and thee destination in list format and is used to edit corresponding positions or edit the order of the destinations included within the route.

Destination Info

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [Route] ▶ Select [Destination Info]
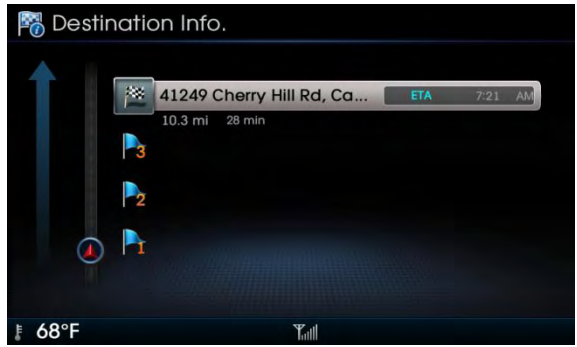
This feature shows the estimated arrival time, remaining distance, waypoint information, and map of the destination.

Route Info

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [Route] ▶ Select [Route Info]

This feature is used to check the key routes and re-set the route by setting detours for a fixed distance from the current position

Navigation

If you press the [Detour] button, you can set the size of the area to detour in 1/2/5/10 mile units. A route will be calculated by avoiding the set distance starting from the current position.

Avoid Area

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [Route] ▶ Select [Avoid Area]
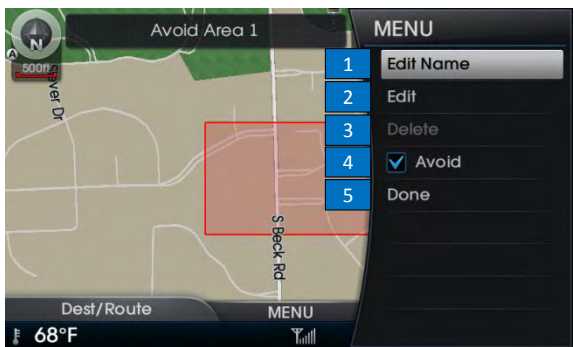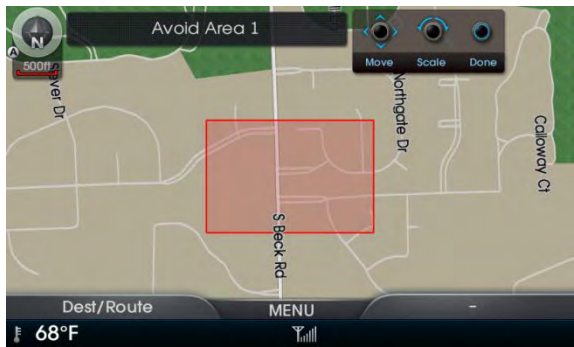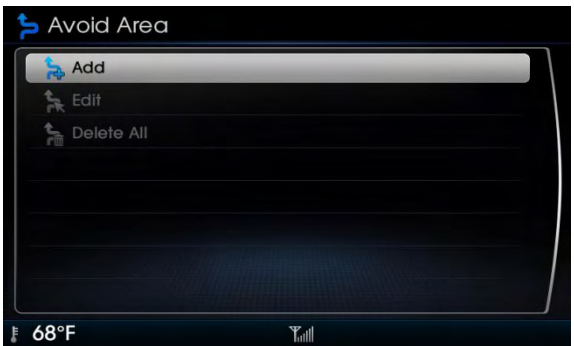
It is possible to add/edit/delete avoid areas. Use the controller to set the range of the area you wish to avoid.

No.	Name	Details
1	Edit Name	Edit name of Avoid Area
2	Edit	Edit size and area of Avoid Area
3	Delete	Delete set Avoid Area
4	Avoid	Avoid the set area
5	Done	Finalize setting

NAVI Settings

No.	Name	Details
1	Main	Displays options related to Units display/Estimated time of/Distance and Time to/Fuel Type/Select Voice/Driving Speed/Previous Destination Display/Auto Zoom
2	Display	Displays options related to route indicator line color/map font size/map color and trace features
3	Route Search	Displays route calculation options related to calculating alternative routes and upon route recalculation
4	Guidance	Displays options related to driver alert guidance
5	Defaults	Displays options used to initialize settings/initialize saved information

Navigation

Main

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [NAVI Setup]▶ Select [Main]

These menus are used to set general options related to Navigation mode.

No	Name	Details
1	Unit	This option is used to set the unit when displaying the vehicle speed
2	Estimated Time of	This option is used to set the estimated arrival time or the remaining time to the destination.
3	Distance and Time to	This option is used to set the distance and time to the destination or waypoint
4	Guidance Prompts	This option is used to set the navigation voice.
5	Driving Speed Setting	This option is used to set the estimated travel speeds within normal roads and motorways.
6	Display Previous Dest. Upon Start-up	This option is used to set whether to display previous destinations upon starting the Navigation
7	Time restricted road	This option is used to calculate routes by considering for times of restricted roads.

Navigation

Display

Press the [LFT] NAVI Home button ▶ Select [NAVI Setup] ▶ Select [Display]
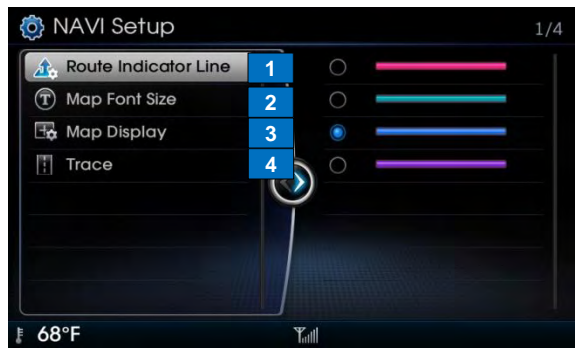
These menus are used to set options displayed within the Navigation screen.

No	Name	Details
1	Route Indicator Line	This feature is used to set the color of the route indicator line.
2	Map Font Size	This option is used to set the size of the font shown in the map between 3 levels.
3	Map Display	The map color can be set according to Day/Night/Auto modes.
4	Trace	This option is used to set whether to display the trace on the map

Route Search

Press the [LFT] NAVI Home button ▶ Select [NAVI Setup] ▶ Select [Route Search]

No	Name	Details
1	Use Alternative Route Search	Search for alternative routes when calculating routes
2	Upon Route recalculation, display search options	Sets whether to display routing options upon recalculating routes

Navigation

Guidance

Press the [LFT] NAVI Home button ▶ Select [NAVI Setup] ▶ Select [Guidance]

This menu is used to set options on driver alerts.

Default

Press the [LFT] NAVI Home button ▶ Select [NAVI Setup] ▶ Select [Default]
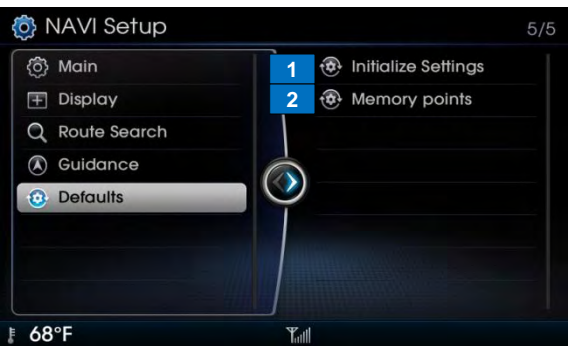
This menu is used to reset saved changes and user preferences.

No	Name	Details
1	Initialize Settings	used to initialize previous set navigation settings back to the default state
2	Memory Points	used to initialize all searched lists, memory points and saved navigation information

Traffic

Press the [LFT] NAVI Home button ▶ Select [NAVI Setup] ▶ Select [Traffic]
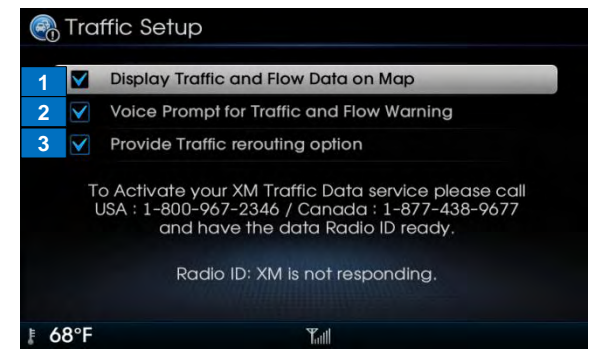
No	Name	Details
1	Display Traffic and Flow Data on Map	Select whether to display traffic information on the map
2	Voice Prompt for Traffic and Flow Warning	Select whether to provide voice guidance in front of Traffic Information. (On route - 3mile)
3	Provide Traffic rerouting option	Select whether to display Detour pop up in front of Traffic Information. (On route - 3mile)

Navigation

Traffic Information

In the map screen ▶ Press the [MENU] key ▶ Select [Traffic]

Traffic information will be shown on the map up until the scale is ~4mile.
Displays the traffic information around vehicle for up to a radius of 50 miles. (Information exceeding 50 miles will not be displayed)
The above list can be sorted by either Distance (Default) or Category.

Selecting the list button will display the map of the corresponding point and a pop-up showing detailed traffic information is displayed on the right.
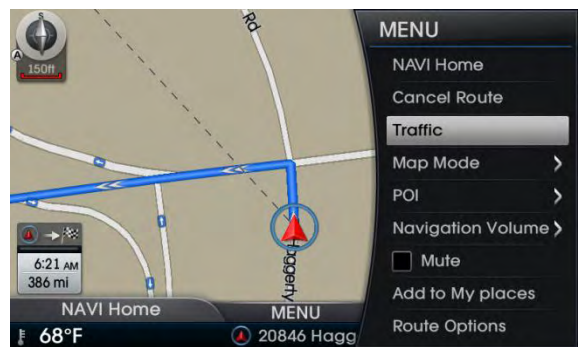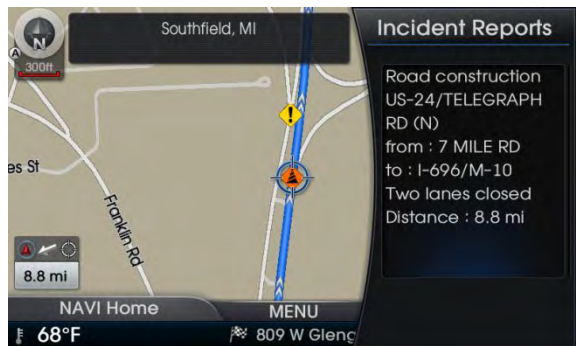

Select the [RHT] Select a Category button to display the screen in which traffic information categories can be selected.

After selecting the desired menu among the six menus, press the [RHT] Done button to save. Once returning to the previous List screen, the corresponding Category list will be shown and maintained until Category information is changed.

Information
• Traffic Flow Information

🟩	Normal, Free Flowing (46 mph ~)
🟧	Moderate Congestion (26 ~ 45 mph)
🟥	Heavy Traffic, Stop and Go (0 ~ 25 mph)
🔶	Road Construction
🔶	Accident
🔶	Congestion/Slow Traffic
⚠️	Incident
⚠️	Hazardous Road Conditions
ℹ️	Travel Information

GPS Info

About GPS

GPS (Global Positioning System) is a system developed and operated by the United States which determines the current location of the user (longitude · latitude, etc) by generally using 3 or more satellites.
This system is used with related GPS information, various sensors, road map data, and other related information for the purposes of navigation

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Information
• For continued map updates, information collection and surveys are continuously being conducted to check for changes to roads and new road construction. Nonetheless, roads, facilities, and fares are under constant change. Consequently, it is impossible to completely delete any errors, including road updates, names, facilities, and fares. Keep such matters in mind when using GPS.
• Roads with widths less than 3m are not included within the map data. Roads including sections with widths less than 3m may be deleted upon updating the map data

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When GPS information cannot be used

GPS information may not operate under the following conditions.

- When buildings, tunnels, or other obstructions block satellite signals
- When materials are placed above the GPS antenna and block satellite signals
- When the satellite is not transmitting
- When a digital cellular phone (1.5GHz) is placed near the GPS antenna

Errors unavoidable due to system characteristics

The navigation system uses GPS information, various sensors, road map data, and other related information to display the current position.
Errors may occur if the satellite is transmitting inaccurate signals or if which can only two or less satellite signals can be received.
Errors which occur in such conditions cannot be corrected.

GPS Info

In the map screen ▶ Press the [LFT] NAVI Home button ▶ Select [GPS Info]

This option is used to display the GPS satellite reception state, car speed and position.

4 Bluetooth®

Before Use

Before Using the Bluetooth® Handsfree

What is Bluetooth®?

➢ Bluetooth® refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.

➢ Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, Bluetooth® allows data to be transmitted at high speeds without having to use a connector cable.

➢ Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the AV/Navigation system.

➢ Bluetooth® Handsfree may not be supported in some mobile phones. To learn more about mobile device compatibility, visit www.hyundaiusa.com.

Precautions for Safe Driving

➢ Bluetooth® Handsfree is a feature that enables drivers to practice safe driving. Connecting the head unit with a Bluetooth® phone allows the user to conveniently make and receive calls and use contacts. Before using Bluetooth®, carefully read the contents of this user's manual.

➢ Excessive use or operations while driving may lead to negligent driving practices and result in accidents. Refrain from excessive operations while driving.

➢ Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

Bluetooth®

Cautions when connecting a Bluetooth® Phone

➢ Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth®® features.

➢ Even if the phone supports Bluetooth®®, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth® power is turned off. Disable the hidden state or turn on the Bluetooth® power prior to searching/connecting with the Head unit.

➢If **Auto Connection** is used, the Bluetooth® phone is automatically connected when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.

➢ If you do not want automatic connection with your Bluetooth® device, turn off the Bluetooth® feature within your mobile phone.

➢ The Handsfree call volume and quality may differ depending on the mobile phone.

➢ To set Auto Connection, go to **PHONE ▶ Settings ▶ Auto Connection**.

➢ The car name can be set at **PHONE ▶ Settings ▶ Device Information**.

➢ The passkey needed to connect the mobile phone can be verified/changed at **PHONE ▶ Settings ▶ Change Passkey**.

➢If the Bluetooth® audio is not operating, go to **PHONE ▶ Settings ▶ Bluetooth Audio**. If the feature is set to Off , turn On and try again.

➢ Park the vehicle when connecting the head unit with the mobile phone.

➢ Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
  1. Turn the Bluetooth® function within the mobile phone off/on and try again.
  2. Turn the mobile phone power Off/On and try again.
  3. Completely remove the mobile phone battery, reboot, and then again.
  4. Reboot the Audio Video Navigation System and try again.
  5. Delete all paired devices, pair and try again.

➢ Handsfree call quality and volume may differ depending on the model of your mobile phone.
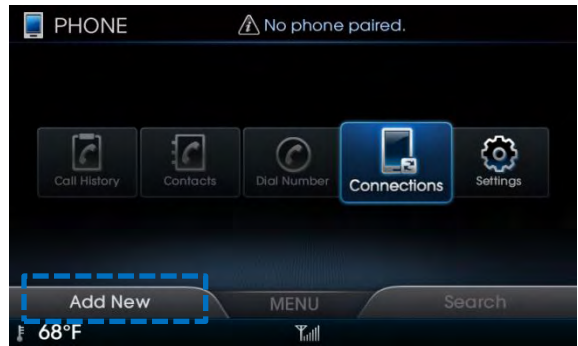
Bluetooth®

Starting Bluetooth®

Press the [PHONE] key

Pairing and Connecting a Phone

When no phones have been paired

Press the [PHONE] key Press the [LFT] Add New button ▶ Enter passkey in Bluetooth® device

When the 'Search from Phone' screen is displayed, search for the system on your mobile device and enter the passkey. The default passkey is set to '0000'.

Information
• Press the [Help] button on the screen to view the help section with information related to pairing and connecting Bluetooth® devices, and using Handsfree related features.
• To learn more about searching from Bluetooth® devices and pairing, refer to the user's manual for your Bluetooth® device.
• If the system becomes unstable or the authentication popup is not displayed due to some communication error, please wait or reset the Bluetooth® device and try again.

Bluetooth®

When a phone is already paired

Select the device you want to connect and press the [LFT] Connect button.

If the phone you want to connect does not exist, press the [Add New] button to pair a new Bluetooth® device.

Information
• Bluetooth® features supported within the vehicle are as follows. Some features may not be supported depending on your Bluetooth® device.
  - Outgoing/Incoming Handsfree calls
  - Operations during a call (Switch to Private, Switch to call waiting, MIC on/off)
  - Downloading Call History
  - Downloading Mobile Contacts
  - Downloading USIM Contacts
  - Bluetooth® device auto connection
  - Bluetooth® Audio Streaming
• 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.
• Bluetooth® device connection cannot be canceled while a device is being connected.
• Only Bluetooth® Handsfree and Bluetooth® audio related features are supported.

Information
• Normal operations are possible only within devices that support Handsfree or audio features, such as a Bluetooth® mobile phone or a Bluetooth® audio device.
• If a connected Bluetooth® device becomes disconnected due to being out of communication range, turning the device OFF, or a Bluetooth® communication error, corresponding Bluetooth® devices are automatically searched and connected.
• If the system becomes unstable due to communication errors between the car Handsfree and the Bluetooth® device, reset the Bluetooth® and try again. Upon resetting Bluetooth®, the system is restored to its factory release state.

Information
• New devices cannot be paired while a Bluetooth® device is connected. To pair a new device, first disconnect the currently connected device.

Bluetooth®

Disconnecting a Device

Select the device you want to disconnect ▶ Press the [RHT] Disconnect button.

The currently connected Bluetooth® device is disconnected.

Delete a Device
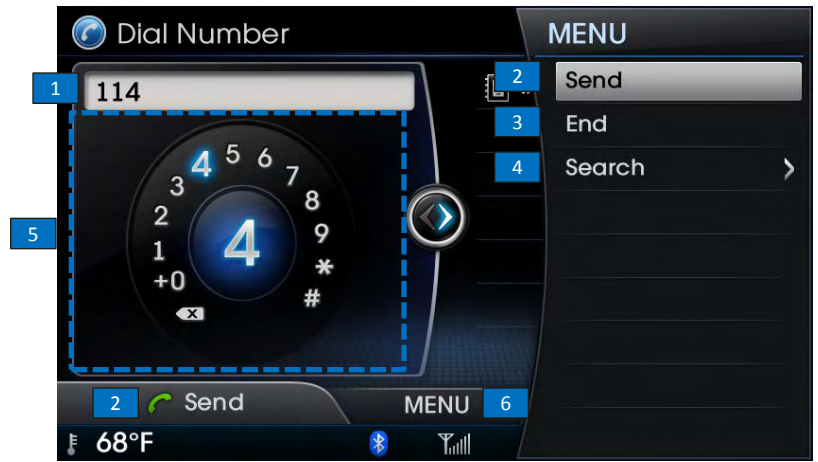
Press the [MENU] key ▶ Select [Delete]

A device cannot be deleted when it is connected.
To delete a paired device, first disconnect the Bluetooth® connection.
Press [Delete All] to delete all paired Bluetooth® devices.

Information
• If a paired phone is deleted, the call history and contacts will also be deleted.

Bluetooth®

Dial Mode Screen

Dialing a Number

No	Name	Description
1	Number Field	Shows entered numbers
2	Send	Calls the number
3	End	Ends the current call
4	Search	Moves to the contacts search screen
5	Dial Pad	Used to enter/delete numbers
6	MENU	Displays popup menu
7	Call Connection Info	Displays the other party's name/number, call time, battery strength/reception level
8	Private	Switches call to the mobile phone
9	MIC Off	Mutes call volume

During a call

Information
• The mobile phone battery and signal strength icons may not be supported in some mobile phones.
• The remaining battery level displayed on your mobile phone battery icon may slightly differ with the device display.
• The speed dial feature may not be supported in some mobile phones.
• The name of the other party is displayed if the other party's number is saved within your contacts. If not, only the phone number is displayed..

Bluetooth®

Using Bluetooth®

Making a Call

Turn the controller left/right to dial numbers ▶ Press the [LFT] Send button.

If you press the [LFT] Send button without entering a number, the Call History screen is displayed.

Select the [←] button to delete dialed numbers.

Press and hold the dial pad +0 (over 0.8 seconds) to enter a "+".

> ### Information
> Some features will not operate during a Bluetooth® Handsfree call.

Making a Call from Speed Dial

Enter the 1 or 2 digit speed dial number with the Dial Pad (Press and hold the last number)

> ### Information
> • For speed dials saved within mobile phones, up to 2 digits are supported.
> • The speed dial feature may not be supported in some mobile phones.

Calling through Redial

Press the hold (over 0.8 seconds) the [LFT] Send button or the [☎] key on the steering remote controller.
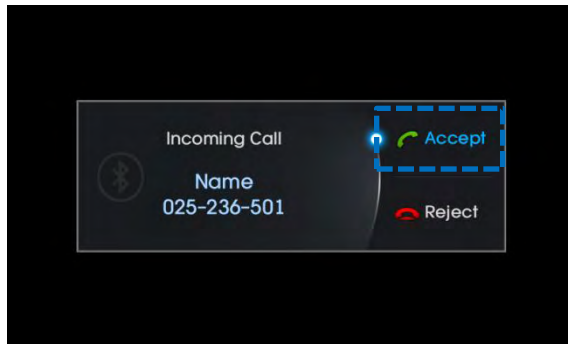

A call is made to the most recently called number.

Redialing is not possible when there is no call history or the Bluetooth® phone has not been connected.

Bluetooth®

Answering a Call

Incoming call notice ▶ Press the [Accept] button or the [☎] key on the steering remote controller.


When a call is received on the connected phone, the bell will sound and the phone number of the other party will be displayed on the incoming call pop-up, as shown here.

Information
• When the incoming call pop-up is displayed, most functions within AV mode will not operate. Only the call volume and Navigation screens can be operated.
• The telephone number may not be displayed in some mobile phones.

Rejecting a Call

Incoming call notice ▶ Press the [Reject] button or press and hold the [☎] key(over 0.8 seconds) on the steering remote controller.
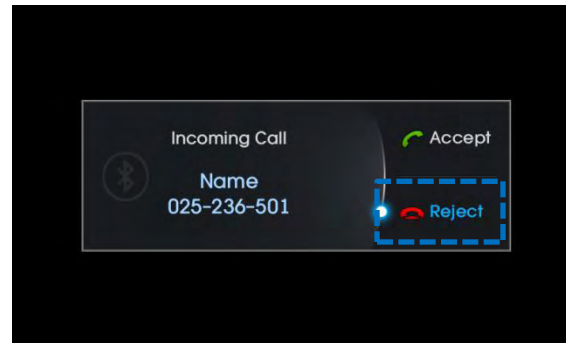
The incoming call is rejected.

Information
• The reject call function may not be supported in some mobile phones.

Bluetooth®

Operating features during a Call

Switching Call to Bluetooth® Phone

During Handsfree call ▶ Press the [Private] button or press the [☎] key on the steering remote controller.

The call will be switched from the Handsfree to the Bluetooth® mobile phone.

Switching Call to the Handsfree

During call on mobile phone ▶ Press the [Use Handsfree] button or press the [☎] key on the steering remote controller.

The call will be switched from the Bluetooth® mobile phone to the car Handsree.
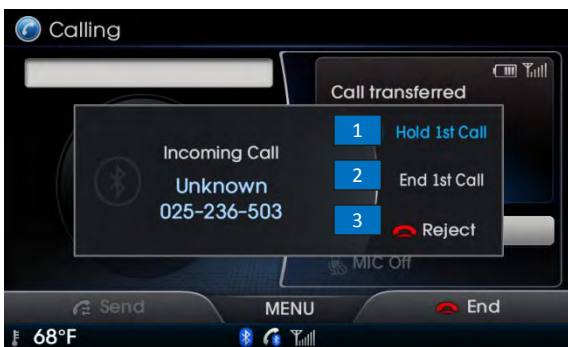
End a Call

While on a call▶ Press the [RHT] End button or press the [☎] key (over 0.8 seconds) on the steering remote controller.

The Bluetooth® Handsfree call will end.

Bluetooth®

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.

If there is waiting call, press the [MODE] key on the steering remote controller or press the [LFT] Switch button on the Phone screen.

No	Name	Description
1	Hold 1st call	Places current call on call waiting and answer new call
2	End 1st call	Ends current call and answer new call
3	Reject	Rejects new call and maintains current call
4	Switch	If there is a call waiting, switches to the waiting call waiting call

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Information
• Call waiting is a feature that allows the caller to answer a second call while already on a call. When call waiting is used, the first call is placed on waiting mode.
• The Call Waiting feature may not be supported in some mobile phones.

Turning MIC On/Off

While on a call ▶ Select [MIC Off]

If you press the [MIC Off] button, The outgoing volume is muted and blocked to the other party.

Bluetooth®

Adjusting Ring/Call Volume

While on a call ▶ Turn the [O] VOLUME knob on the head unit or press the [+], [-] keys on the steering remote controller ▶ Adjust the ring/call volume
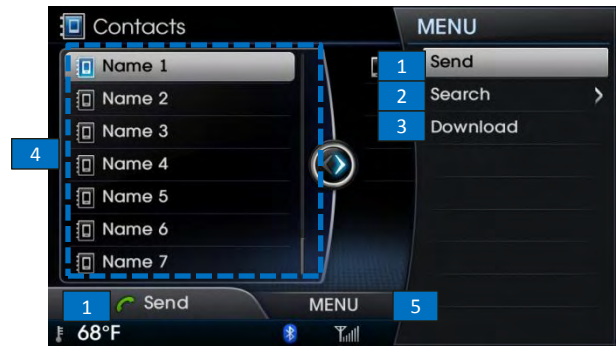

Information
• The call volume as heard by the other party may differ depending on your mobile phone.

Contacts

Press [PHONE] key▶ Select Contacts button.

	Name	Description
1	Send	Call the corresponding number
2	Search	Search contacts by name or number
3	Download	Download contacts from Bluetooth® device
4	Contacts List	List of Downloaded Contacts
5	MENU	Displays popup menu

Information

• Mobile phone contacts can only be searched when a Bluetooth® device is connected.

• Up to 5,000 contacts saved in your Bluetooth® phone or USIM can be downloaded into the car contacts. Contacts that have been downloaded to the car cannot be edited or deleted.

• Mobile phone contacts are managed separately for each paired Bluetooth® device (max 5 devices x 5,000 contacts each). Previously downloaded data is maintained even if the Bluetooth® device has been disconnected. (However, the contacts and call history saved to the phone will be deleted if a paired phone is deleted.)

• It is possible to download contacts even during a call or during Bluetooth® streaming audio.

• When downloading contacts, the icon will be displayed within the status bar.

• It is not possible to commence download when the contacts download feature has been turned of within the Bluetooth® device. In addition, some devices may require device authorization upon attempting to download contacts. If downloading does not normally occur, check the Bluetooth® device settings or the screen state.

• The download feature may not be supported in some mobile phones. Check to see that the Bluetooth® device supports the download feature. For more information of supported Bluetooth® devices and function support, visit www.hyundaiusa.com.

Downloading Mobile Contacts

Press the [MENU] key ▶ Select [Download]

Contacts saved within the mobile phone can be downloaded to the car system.

Bluetooth®

Searching Contacts (By Name)

Select the [Search] button ▶ Select [Search by Name]

After inputting is complete, press the [LFT] Done button to search contacts.

Information
Upon search, it is possible to search by entering a part of the name.

Bluetooth®

Searching Contacts (By Number)

Select the [Search] button ▶ Select [Search by Number]

After inputting is complete, press the [RHT] Done button to search saved numbers.

Information

When searching a number, it is possible to search by entering a part of the entire number. (ex: if you enter "1234", all numbers with "1234" will be searched.)

Call History

Entering Call History Screen

Press the [PHONE] key ▶ Select the Call History button.

Bluetooth®

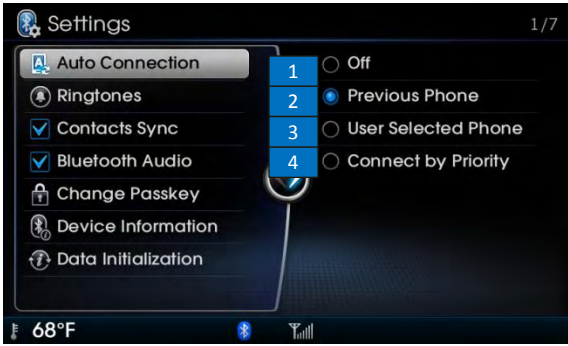|	Name	Description
1	Received	Displays the incoming call history list
2	Dialed	Displays the outgoing call history list
3	Missed	Displays the missed call history list
4	Send	Dial to selected number
5	Delete All	Delete entire call history

Information
• The call history may not be saved in the call history list in some mobile phones.
• Calls received with hidden caller ID will not become saved in the call history list.
• Calling through the call history is not possible when there is no call history or the Bluetooth® phone has not been connected.
• Up to 20 received, dialed and missed calls are each saved.
• The time of received/dialed calls and call time information are not saved.

Settings

Auto Connection

In the Settings screen ▶ Select [Auto Connection]

If auto connection is turned on, a Bluetooth® device will automatically be connected according to the selected setting.

No	Name	Description
1	Off	Disables auto connection
2	Previous Phone	Automatically connects with the previously connected Bluetooth® phone
3	User Selected Phone	Automatically connects to a user selected Bluetooth®® device
4	Connect by Priority	Automatically connects according to the set Bluetooth® phone priority

Ringtones

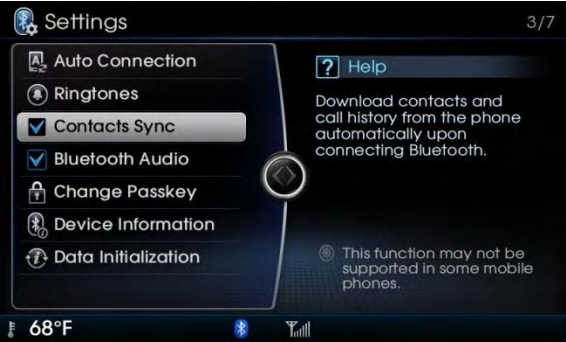**In the Settings screen ▶ Select [Ringtones]**

This option is used to select ringtones for the connected phone.

Information
• When set to [Mobile Ringtone], the ringtone set within the connected mobile phone will sound.
• The Mobile Ringtone feature may not be supported in some mobile phones.
• For mobile phones that do not support the Mobile Ringtone feature, the ring tone set within the system will sound.
• For more information on mobile phones that support the Mobile Ringtone feature, visit www.hyundaiusa.com.

Bluetooth®

Contacts Sync

In the Settings screen ▶ Select [Contacts Sync]

When connecting a Bluetooth® device, it is possible to automatically download contacts.
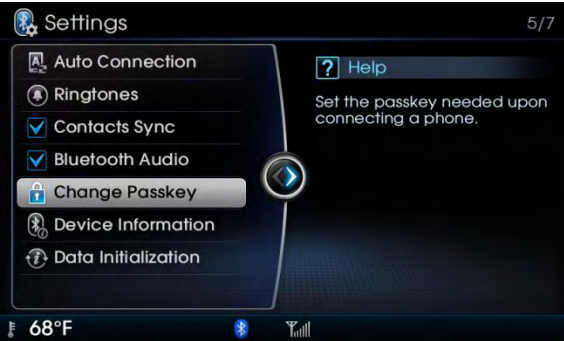
Bluetooth Audio

In the Settings screen ▶ Select [Bluetooth Audio]

You can play music files saved in your Bluetooth® device from the car.

Change Passkey

In the Settings screen ▶ Select [Change Passkey]

This option is used to change the passkey needed upon connecting a Bluetooth® phone. The default passkey is set to '0000'.

Device Information

In the Settings screen ▶ Select [Device Information]

This option is used to check information about the handsfree device, such as device name, address, and type.

Data Initialization

In the Settings screen ▶ Select [Data Initialization]

Data Initialization is used to delete all call histories/paired phones, or initialization information related to the Bluetooth® Handsfree.

No	Name	Description
1	Delete all call Histories	Delete all dialed / received / missed call lists
2	Delete All Phones	Delete all registered phones
3	Factory Defaults	Reset Bluetooth® settings and data to factory state

5 Voice Recognition

- Using Voice Recognition
- Voice Command List

Using Voice Recognition

Creating a suitable cabin environment

When using the voice recognition feature, only commands listed within the user's manual are supported.

Be aware that during the operation of the voice recognition system, pressing any key other than the [■VR] key will terminate voice recognition mode.

For superior voice recognition performance, position the microphone used for voice recognition above the head of the driver's seat and maintain a proper position when saying commands.

Within the following situations, voice recognition may not function properly due to external sound.

• When the windows and sunroof are open
• When the wind of the cooling / heating device is strong
• When entering and passing through tunnels
• When driving on rugged and uneven roads
• During severe rain (heavy rains, windstorms)

After downloading the Bluetooth® contacts, it takes some times to convert the contacts into voice information. During this time, voice recognition may not properly operate.

Pronounce the voice commands naturally and clearly as if in a normal conversation.

The system may slow down slightly when using the Navigation to calculate a new route or re-calculating an existing route. In such cases, use voice recognition features after waiting a few moments.

Using Voice Recognition

Starting Voice Recognition

Starting Voice Recognition

Shortly press the [■VR] key on the steering remote controller (under 0.8 seconds) ▶ Say a command

Once voice recognition starts, the voice command entry window and the six representative commands are displayed.
• If voice recognition is in Normal Mode, then the system will say "Please say a command. (Beep)"
• If voice recognition is in Expert Mode, then the system will only sound a beep tone.

Screen displayed when Voice Recognition is Normal Mode
(Six commands are displayed on the screen)

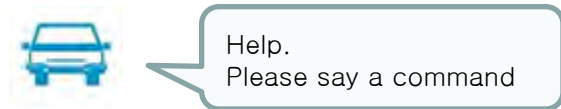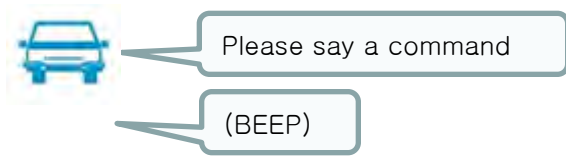Screen displayed when Voice Recognition is Expert Mode.

Notice

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

Using Voice Recognition

Illustration on Using Voice Recognition

Starting Voice Recognition

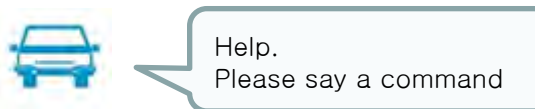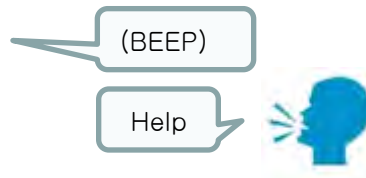Shortly press the [■VR] key (under 0.8 seconds).

Please say a command

(BEEP)

Help

Help.
Please say a command

Skipping Prompts
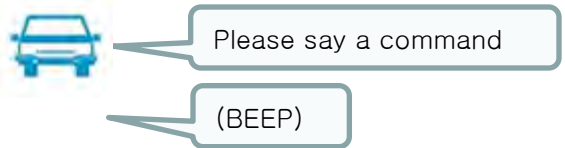
Shortly press the [■VR] key (under 0.8 seconds).

Please say a command

While prompt message is being stated

Shortly press the [■VR] key (under 0.8 seconds).

(BEEP)

Help

Help.
Please say a command

Ending Voice Recognition

Shortly press the [■VR] key (under 0.8 seconds).

Please say a command

(BEEP)

Help

Help.
Please say a command
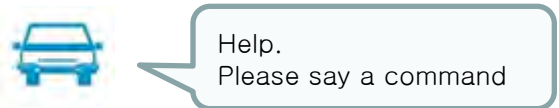
Press and hold the [■VR] key (over 0.8 seconds) ▶ Ends Voice Recognition.