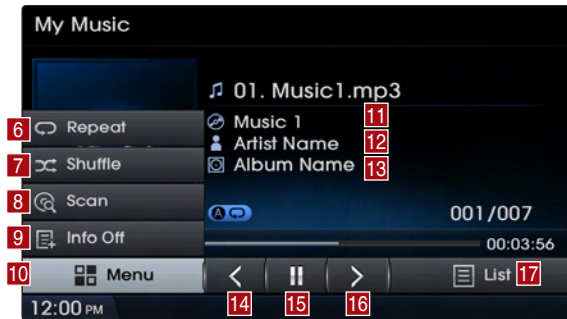
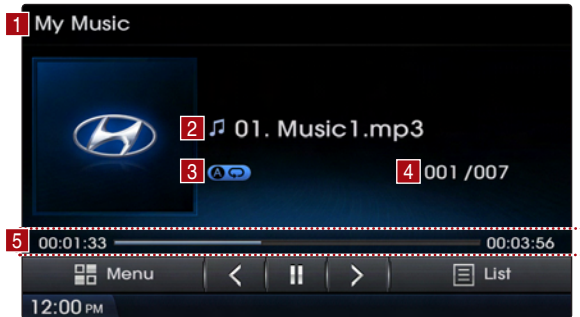


# My Music Mode

## Basic Mode Screen



| Name                  | Description  |
|-----------------------|--|
| 1 Mode                | Displays currently operating mode  |
| 2 File                | Displays the name of the current file  |
| 3 Repeat/Shuffle/Scan | From Repeat/Shuffle/Scan, displays the currently operating function  |
| 4 File Index          | Shows the current file/total files within the My Music   |
| 5 Play Time           | Displays the current play time/total play time   |
| 6 Repeat              | Repeats the current file   |
| 7 Shuffle             | Plays files in random order  |
| 8 Scan                | Scans the beginning parts of files (approx. 10 seconds per file)   |
| 9 Info Off (Info On)  | Changes the display method between Info Off/Info On <ul style="list-style-type: none"> <li>Info Off : shows file name</li> <li>Info On : shows file name, title, artist, and album info</li> </ul>             |
| 10 Menu               | Displays Repeat, Shuffle, Scan and Info On (Info Off) menus  |
| 11 Title Info         | Displays the song title (Not displayed when information is not available)  |
| 12 Artist Info        | Displays the artist information (Not displayed when information is not available)  |
| 13 Album Info         | Displays the album information (Not displayed when information is not available)   |
| 14 Previous File      | <ul style="list-style-type: none"> <li>When the play time is under 2 seconds : Moves to the previous file</li> <li>When the play time is over 2 seconds : Plays the current file from the beginning</li> </ul> |
| 15 Play/Pause         | Plays/pauses the current file  |
| 16 Next File          | Moves to the next file   |
| 17 List               | Moves to the list screen   |

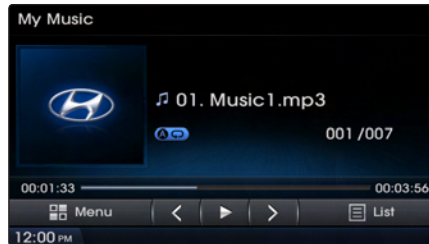
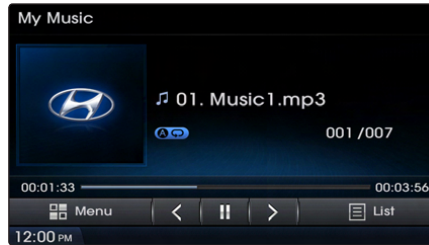
## Starting Mode

Press the **MEDIA** key ▶ Press

 My Music .



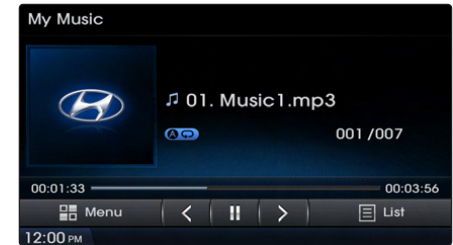
## Playing My Music





- Press the  button to play the file.
- Press the  button to pause the file.

## Selecting My Music

While playing ▶ Press the ,  buttons or the  key to play the previous/next file.



- Pressing and holding the  key (over 0.8 seconds) will rewind or fast-forward the current file.
- While the  key is being pressed, the track will rewind or fast-forward at high speeds. Once the key is released, the Music will begin playing at normal speed.

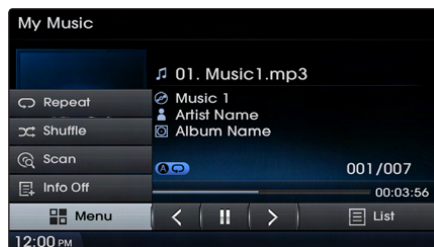
# My Music Mode

## **i** Information

- The **<** , **>** buttons displayed on the screen allow you to select the previous/next file.
- These buttons will not rewind or fast-forward the file.

## Using the Menu Buttons

Press the **Menu** button to set the Repeat, Shuffle, Scan, Info On (Info Off) menus.



## Repeat

Press the **Menu** button ► Press **Repeat** .

The currently playing file is repeated.

## **i** Information

- Press the **Repeat** button again to turn off repeat. If nothing is selected, then all files will be played in sequential order.

## Shuffle

Press the **Menu** button ► Press **Shuffle** .

When turned on, files are played in random order.

## **i** Information

- Press the **Shuffle** button again to turn the shuffle option off.

## Scan

Press the **Menu** button ► Press **Scan** .

The beginning (approx 10 seconds) of all files are scanned.

## **i** Information

- Press the **Scan** button again to turn the scan option off.


---


## Info On/Info Off

---

Press the  **Menu** button ► Press  **Info On** .

The screen display can be set differently depending on user selection.

When the title, artist, and album info are displayed, the button is changed to  **Info Off** .

Press  **Info Off** to restore the previous information display setting.

## Information

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- The title, artist and album info are displayed only when such information is recorded within the MP3 file ID3 tag.
- 

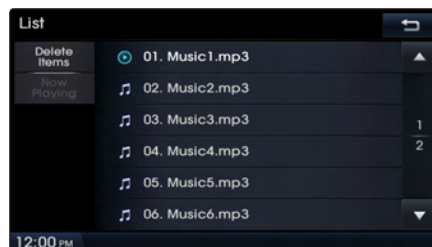
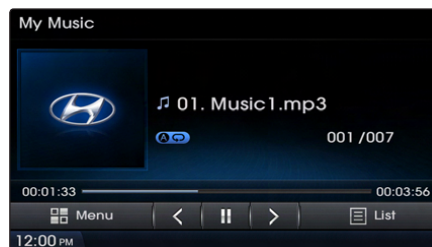
## Using Menus within the List Screen

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### Moving between Lists

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Press the  **List** button ► Press  ,  .



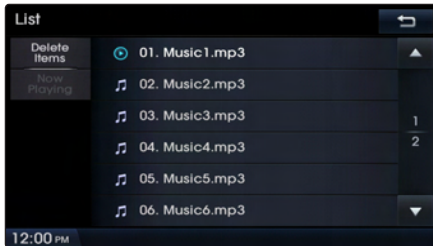
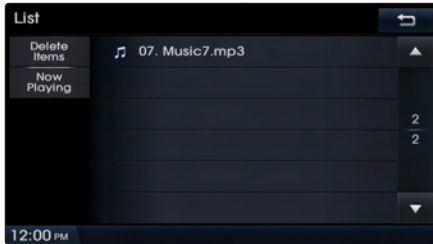
If six (6) or more files or folders exist in the same folder, the list will be displayed across two or more pages.

Press the  ,  cursor buttons to quickly find the desired page.

# My Music Mode

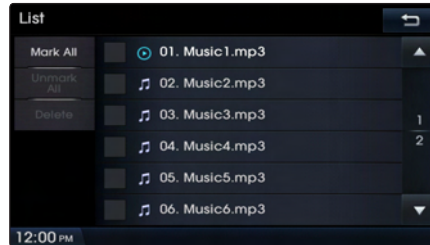
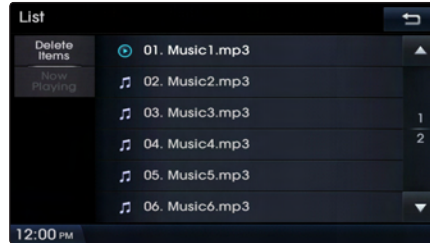
## Returning to Current Location

While searching files within other folders, press the **Now Playing** button to return to the currently playing file screen.



## Deleting Files

Press the **List** button ► Select the files to delete ► Press **Delete Items** .



## **i** Information

- The audio system will not operate while files are being deleted.
- If the currently playing file is deleted, the next file will begin playing.

# 3 Navigation

- Before Use
- Starting Navigation
- Using the Navigation
- Map Logos and Landmarks

CAR AVN SYSTEM

# Before Use



## Precautions for Safe Driving

**Please observe and comply with local traffic rules and regulations.**

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

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

## Operating the Navigation

- ▣ The navigation can be operated via touch. Touch the corresponding button on the screen to operate.
- ▣ If the button does not respond, take your finger off the screen and try again.
- ▣ When a button function is operating, the color of the selected button will be displayed differently.
- ▣ To return to the previous screen, press the  button.
- ▣ Press the  button to cancel functions that can be operated on the current screen.  
(Some functions may not be cancelled.)

### **i** Information

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- Buttons that cannot be operated will be disabled.
-




# Before Use

## About the Map

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

### About Map Scale

- If  is displayed on the left side of the map, this represents a map scale of 1/4 of a mile.
- For more information on Changing Map Scale, refer to the 'Changing Map Scale' section.



| Actual Distance |         |        |
|-----------------|---------|--------|
| Level           | mi/ft   | km / m |
| 1               | 150ft   | 50m    |
| 2               | 300ft   | 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   | 50km   |
| 12              | 64 mi   | 100 km |
| 13              | 130 mi  | 200 km |
| 14              | 250 mi  | 400 km |

### About Map Icons

Icons displayed on the map may differ from actual conditions. Multiple icons may also be displayed as one mark.

### About Map Database

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

### About Map Updates

- Map updates can be downloaded from the designated website (<http://www.mapnsoft.com>) and updated through the SD card.
- For more information, refer to the 'System Update' section in Setup.

## About Voice Guidance

During destination guidance, voice guidance will be provided when reaching an intersection or nearby the destination.

---

### Voice Guidance

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Voice guidance is provided in the following instances.

#### Example of voice guidance during destination guidance

- In front of an intersection :



In a half mile, turn right.  
After a moment, turn right

- Upon entering a toll road



You must turn right in a moment.  
You are reaching an expressway.  
There is a 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

- In front of the destination :



You have arrived at your destination.  
Voice guidance will be ended.

---

### **i** Information

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- 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.

---

### **i** Information

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- With voice guidance muted, destination guidance will continue to be provided.

# Before Use

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## About GPS

GPS (Global Positioning System) :

GPS is a system developed and operated by the United States which determines the current location of the user (Longitude/Latitude, Coordinates, etc.) by generally using 4 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. For more information on GPS, refer to Part 6 'GPS Information'.

# Starting Navigation

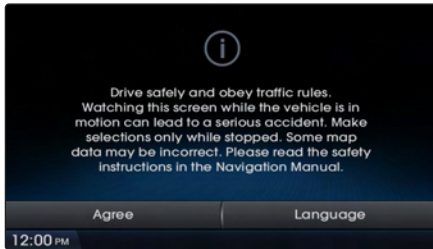
## Map Screen



| Name                           | Description   |
|--------------------------------|---|
| 1 Map Style                    | Used to set either North up Always or Heading up on both sides of split screen map                              |
| 2 Map Scale                    | Shows current map scale   |
| 3 Navigation Guidance Volume   | Used to adjust navigation guidance volume   |
| 4 Function/Info Window         | Shows map function buttons or current position info   |
| 5 Current Position Info Window | Shows current road name and destination name in 5-second intervals  |
| 6 Route Guidance Mode          | Switches route guidance mode between preliminary guidance mode, Highway mode, and Turn by turn mode             |
| 7 Quick Menu                   | Allows users to easily and quickly access desired menus   |
| 8 Current Time                 | Shows the time  |
| 9 ETA/Remaining Time           | Shows the ETA (Estimated time of arrival), remaining time and distance from current position to the destination |
| 10 Preliminary Guidance        | Provides distance, direction guidance at turn points and directions within the set route                        |
| 11 Destination Direction       | Shows straight line distance to destination from current car position mark                                      |
| 12 Lane Info                   | Shows recommended lanes for use by considering upcoming intersections and expected routes                       |
| 13 Car Position Mark           | Displays current car position   |

# Starting Navigation

## Initial Screen



Press the **Agree** button to display the most recently used mode.

If Audio mode is used with the navigation turned on, navigation guidance will be provided in the background. If you turn the ignition on, then the most recently played mode will restart.

### **i** Information

- Once the vehicle ignition is turned on, the User Warning screen will always be displayed. Make sure to carefully read the warning page as it contains important information related to system operations while driving.

## Current Position



Press the **MAP VOICE** key or the **MAP VOICE** button displayed at the upper right side in some map conditions to display the map of the current position and the neighboring area.

### **i** Information

- When riding in a new car or after replacing the battery terminal, the car position mark may at first appear at a different location.
- Even if the car position mark on the map is different, map matching and GPS coordinates are utilized to automatically update the current position. It may take up to several minutes to find your current position.

## Map Display Settings

Press the **MAP VOICE** key ▶ Press the **MAP VOICE** button.



This button is used to set map screen related options, such as Split screen, Heading-Up/North Up, and Left/Right screen display.

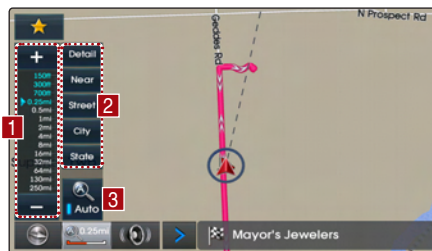
| Name                                    | Description   |
|---|---|
| <b>1</b> Split Screen/<br>Single Screen | Select between Split Screen or Single Screen Map                              |
| <b>2</b> Heading-Up/<br>North-Up        | Display Map in Vehicle Traveling Direction (Heading-Up) or North-Up direction |

### **i** Information

- The Heading-Up/North-Up, 2D, and map scale adjustments can be used when using Split Screen map.

## Changing Map Scale

Press the **MAP VOICE** key ► Press **0.25mi**  
► Set the desired map scale.



Press the **0.25mi** button to display the map scale menu and change the map to the desired scale.

| Name                                   | Description   |
|--|---|
| <b>1</b> Adjust Map Scale              | Use the <b>+</b> / <b>-</b> buttons to display the scale bar  |
| <b>2</b> Administrative District Scale | Shows map scales in categories of Detail (300ft), Near (0.25mi), Street (1mi), City (4mi), State (16mi) |
| <b>3</b> Auto Scale                    | When <b>Auto</b> is enabled, map scale automatically adjusts according to driving situation             |

### **i** Information

- The **-** will be disabled when set to max scale (1/250mi) and the **+** button will be disabled when set to min scale (1/150ft).

# Starting Navigation

## Map Menu

Press the **>** button ► Press **Menu** button.



Features frequently used within the map screen, such as **Set as Destination** , **Add Waypoint** , **View Destination** , **Cancel Route** , **Call** , and **Details** are displayed.

### **i** Information

- If the screen is scrolled, then the top menu is changed to the **Set as Destination** button.
- If you have already set a destination, then the top button will change to the **Recalculate** button.

## Adjusting Navigation Volume

Press the **(🔊)** button ► Adjust volume.



Press the **(🔊)** button. The volume menu is displayed and allows you to adjust the navigation voice guidance volume.

The volume can be adjusted from 0~45 through the **+** / **-** button.

Press the **|| Mute** button to turn off the sound.

## POI Display

Press the **>** button ► Press **POI** .

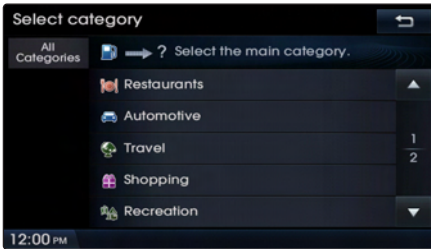


When POI menus are displayed, pressing one of the 6 POI icon buttons will display the corresponding POI icons.

| Name                         | Description                                |
|------------------------------|--|
| <b>1</b> POI Icon            | Shows/hides corresponding POIs             |
| <b>2</b> Unmark All          | Unmarks selected POI Icons                 |
| <b>3</b> Edit POI Icon       | Edit the 6 POI icons shown within the menu |
| <b>4</b> Search by Local POI | Searches selected POI                      |

## Editing POI Icons

Press **POI** ► Press the **Edit POI Icon** button ► Press **Done** .



Press the **Edit POI Icon** button to select the desired facility from the various facility types.

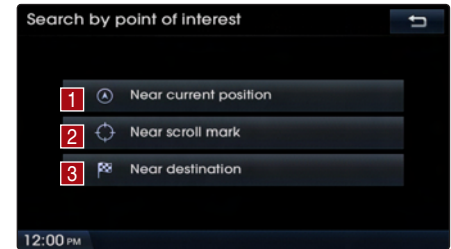
Up to six favorite facilities can be set.

Press the **Default** button to reset the displayed POI icons.

Initially, Gas Station, Parking, Fast Food, Hospital, Auto Service, and Bank are set as default.

## Searching POIs

Press the **Search by local POI** button ► Press the search criteria ( **Near current position** , **Near scroll mark** , or **Near destination** ).





# Starting Navigation

| Name                           | Description   |
|--------------------------------|---|
| <b>1</b> Near Current Position | Within the 'Search by POI' menu, searches facilities based on the current vehicle position    |
| <b>2</b> Near Scroll Mark      | Within the 'Search by POI' menu, searches facilities based on the current scrolled position   |
| <b>3</b> Near Destination      | Within the 'Search by POI' menu, searches facilities based on the location of the destination |

The POI mark is displayed according to the selected criteria.

## **i** Information

- When searching POIs, you can only search POIs within selected categories.
- The **Near scroll mark** menu is enabled only when the map has been scrolled.

## Adding a My Place

Press the  button ► Press the desired group.



This feature is used to save the current position or the scrolled position as a My Place or Speed Alert.

## **i** Information

- My Places are saved without distinction for the driving or scrolled state.
- The **Speed Alert** button is displayed when a point is saved with the speed limit of the road while driving on the road.

# Using the Navigation

## Destination Search

Press the **DEST** key to display the Destination Search menu screen.




The Destination Search screen includes various search menus as well as shortcuts to Favorites that provide maximum convenience in searching for destinations.

| Name                    | Description  |
|-------------------------|--|
| 1 Point of Interest     | Used to search for neighboring POIs near current position/near scroll position/near destination/near city center |
| 2 Previous Destinations | Used for route guidance to recently set destinations   |
| 3 Previous Searches     | Used for route guidance to recently searched locations   |
| 4 Previous Start Points | Used for route guidance to recent start positions  |
| 5 Address               | Used to search destinations by selecting specific states/cities/roads  |
| 6 My Places             | Displays list of saved My Places   |
| 7 Intersection Search   | Used to search destinations by selecting street intersections  |
| 8 Map                   | Moves to the map screen  |
| 9 Emergency             | Used to make emergency related searches  |
| 10 Coordinates          | Used to search destinations by entering the Lat/Long coordinates   |
| 11 Phone Number         | Used to search destinations by entering POI phone numbers  |
| 12 Exit/Entrance        | Used to search destinations by searching for expressway exits/entrances  |

# Using the Navigation

## Quick Menu




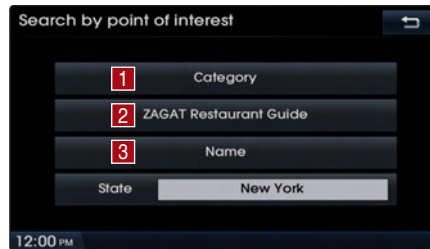
Press the  button on the left side of the map screen to display the Quick Menu.

| Name                           | Description   |
|--------------------------------|---|
| <b>1</b> Quick Menu (★)        | Display/hide Quick Menus                                      |
| <b>2</b> Quick Menu Bar        | Menus added to the Quick Menu (possible to set up to 6 menus) |
| <b>3</b> Edit                  | Add/Delete Quick Menus  |
| <b>4</b> Current Quick Menus   | Shows list of current Quick Menus                             |
| <b>5</b> Add/Remove            | Add or remove Quick Menus                                     |
| <b>6</b> Quick Menu Categories | List of categories that can be added to Quick Menus           |

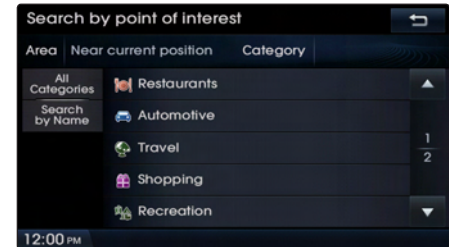
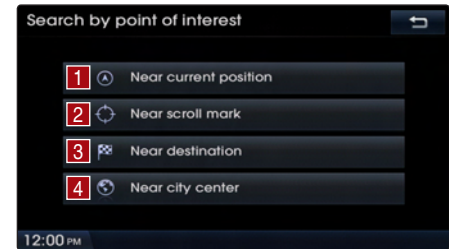
## Point of Interest (POI) Search

Press the **DEST** key ► Press

 Point of Interest



| Name                            | Description  |
|---------------------------------|--|
| <b>1</b> Category               | Search for POIs by selecting through POI categories                        |
| <b>2</b> ZAGAT Restaurant Guide | Search for ZAGAT restaurant guide POIs from among POIs within the vicinity |
| <b>3</b> Name                   | Search POIs by name  |



POI Search is a feature that allows you to search for POIs that are near your current position, near a scroll mark, near the destination, or near the city center.

Categories are sub-categorized and the selected area and category are displayed at the top of the screen for user convenience.


| Name                           | Description  |
|--------------------------------|--|
| <b>1</b> Near Current Position | Searches POIs based on the current vehicle position  |
| <b>2</b> Near Scroll Mark      | Searches POIs based on the current map scroll position   |
| <b>3</b> Near Destination      | Searches POIs nearby the set destination (feature is disabled when a destination has not been set) |
| <b>4</b> Near City Center      | Searches POIs nearby a selected area   |

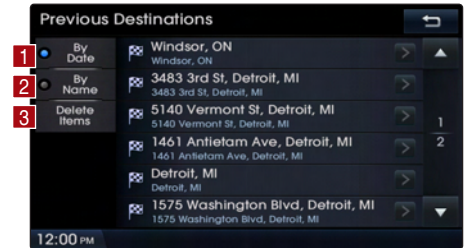
### **i** Information

- The searched location may not be the exact location of a specific destination, but displays a representative position of a POI address.
- The ZAGAT Restaurant guide list is a rating system categorized into 0~9 Poor to fair, 10~15 Fair to good , 16~19 Good to very good , 20~25 Very good to excellent, 26~30 Extraordinary to perfection.
- Each category is sorted starting with highest ratings down to the lowest ratings.


## Previous Destinations, Previous Searches, and Previous Start Points

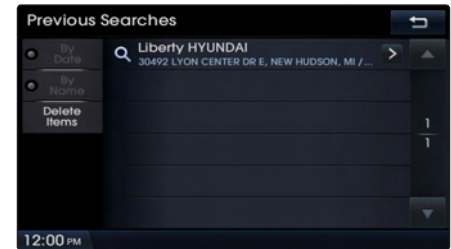
Press the **DEST** key ▶ Press

 **Previous Destinations** .



Press the **DEST** key ▶ Press

 **Previous Searches** .



# Using the Navigation

Press the **DEST** key ▶ Press

 **Previous Start Points**



These search features allow you to search previous routes, previous searches and start points.

| Name                  | Description   |
|-----------------------|---|
| <b>1</b> By Date      | Sorts POIs and locations by added date                              |
| <b>2</b> By Name      | Sorts POIs and locations by name                                    |
| <b>3</b> Delete Items | From various entries, items can be selected and deleted all at once |

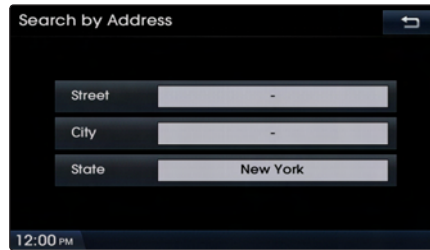
## **i** Information

- If the POI or region name is too long and cannot be displayed within one screen, pressing the **>** button will move the name to the left to display the full name.

## Address

Press the **DEST** key ▶ Press

 **Address**



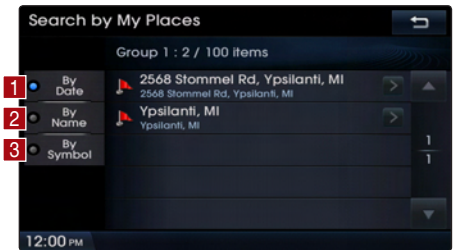
This search feature is used to search destinations by addresses through state, city, and street.

Enter the name of the Street, City and State corresponding to the desired destination. Once search is complete, press the **Search** button to select the desired location from the list.

## My Places

Press the **DEST** key ▶ Press

 **My places**



This search feature is used to search destinations by selecting previously saved My Places to set as destinations. My Places can be placed in groups, and group names can be edited within Setup.

| Name               | Description                       |
|--------------------|-----------------------------------|
| <b>1</b> By Date   | Sort POIs and locations by date   |
| <b>2</b> By Name   | Sort POIs and locations by name   |
| <b>3</b> By Symbol | Sort POIs and locations by symbol |

### **i** Information

- If the POI or region name is too long and cannot be displayed within one screen, pressing the **>** button will move the name to the left.
- It is possible to save up to 100 My Places per Group.

## Intersection Search

Press the **DEST** key ► Press

**Intersection Search**



This search feature is used to search destinations by street intersections throughout the map.

Enter the name of the Street, City and State corresponding to the desired destination. Once search is complete, press the **Search** button to select the desired location from the list.

## Map

Press the **DEST** key ► Press **Map**



The map screen can be scrolled to display other positions where you can set destinations.

# Using the Navigation

| Name                        | Description  |
|-----------------------------|--|
| <b>1</b> Set as Destination | Sets the POI or region where the cursor is positioned as the new destination |
| <b>2</b> Add Waypoint       | Sets the POI or region where the cursor is positioned as a waypoint          |
| <b>3</b> View Destination   | Displays information for the set destination                                 |
| <b>4</b> Cancel Route       | Cancels the currently set route  |
| <b>5</b> Call               | Calls the selected POI facility  |
| <b>6</b> Details            | Displays details for the selected POI facility with ZAGAT information        |

## Emergency

Press the **DEST** key ► Press

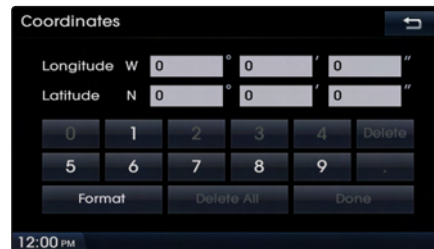


This search feature is used to search for police stations, hospitals, and dealerships in emergency situations.

| Name                    | Description  |
|-------------------------|--|
| <b>1</b> Police Station | Displays list of Police Stations closest to the current position           |
| <b>2</b> Hospital       | Displays list of Hospitals closest to the current position                 |
| <b>3</b> Dealership     | Displays list of Hyundai Motor Dealerships closest to the current position |

## Coordinates

Press the **DEST** key ► Press



This search feature is used to search destinations by entering coordinates. Two coordinate entry formats are supported. Select the desired format upon starting search.

## Phone Number Search

Press the **DEST** key ► Press



This search feature is used to search the locations of POIs by entering the phone number of the desired POI destination.

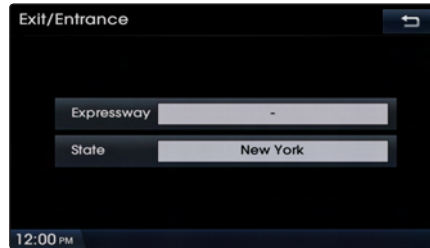
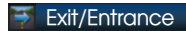
- Area codes must be entered to complete the search.

## **i** Information

- The phone number and location may differ 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 actually list the numbers of management companies. In such cases, destination searches will be made to the management companies.
- The telephone number and addresses may change at any time.

## Exit/Entrance

Press the **DEST** key ▶ Press



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 **Search** button to select the desired location from the list.

## Setting a Destination

Press the **DEST** key ▶ Search for the Destination ▶ Press **Set as Destination** .





# Using the Navigation



(Alternative Route)



(Route Overview)

- To conduct a destination search through the desired 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 destination, press the **Set as Destination** button to calculate the route. The Route Overview or Alternative Route screen will be displayed.
- Press the **Add Waypoint** button to add a waypoint destination.
- Within the Route Overview or Alternative Route screen, press the **MAP VOICE** key or the **Start Guidance** button to start route guidance.

## **i** Information

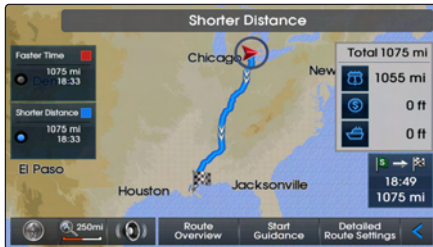
- If you press the **Set as Destination** button while a previous destination has already been set, the pop-up 'Do you want to change the destination?' will be displayed.
- If you press **Yes**, then the previous destination is deleted and the new destination will be set. Pressing the **Add Waypoint** button will add a waypoint destination.

## One Touch Scroll Setting

The destination can be set to the current map display.

- Within the map screen, touching a position on the map will move the map to the center of the selected position and display the scroll mark.
- Press the **Menu** button to set the selected position as a waypoint or destination.

## Route Calculation



- Once you have set a destination, calculate the route. The route overview and route option menus will be displayed.
- After checking the Route Overview, press the **MAP VOICE** key or the **Start Guidance** button or just drive for over 3 mph or for approximately 5 seconds to start guidance.

### **i** Information

- To learn more about 'Alternative Route', 'Route Overview', or 'Detailed Route Settings' refer to the 'Route Menu' section.

### Demo

After a route has been calculated, press the **Demo** button to begin simulated driving of the calculated route.



- Within the Route Overview screen, press the **Demo** button.
- During Demo, press the **MAP VOICE** key to end the demo and display the current map position. If you start driving while viewing the route demo, demo will end and route guidance will start.

### **i** Information

- Demo will not operate after starting route guidance. To use the Demo feature, use after route calculation but prior to starting route guidance.
- During Demo the "Fast/Normal/Auto" menus are displayed and it is possible to adjust the demo speed.

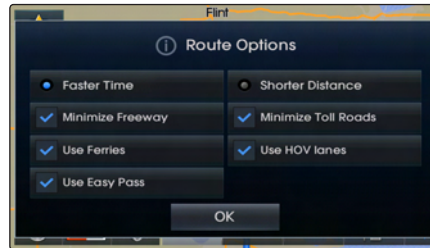
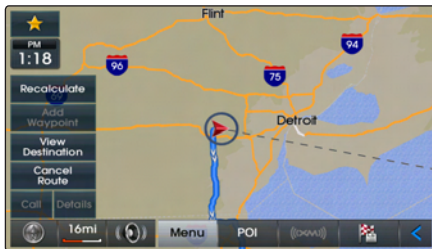
# Using the Navigation

## Add Waypoint



After searching for waypoints, press the **Add Waypoint** button to add the waypoint to the current route.

## Route Recalculation



Once a route has been set, the **Recalculate** button is displayed at the top of the menus. Pressing the **Recalculate** button will display a pop-up that allows you to change route options. Once the settings are changed, the route is recalculated by reflecting the changes.

### **i** Information

- For more information on Faster Time, Shorter Distance, and other route calculation options, refer to the route calculation section.

## Cancel Route

In the Map menu screen, press the **Cancel Route** button.



### **i** Information

- You can cancel the route by pressing the **Cancel Route** button that is displayed after pressing the **Menu** button.

## Route Guidance



Preliminary guidance, highway mode, turn list guidance, and other guidance screens are displayed according to the current road condition.

Within the guidance map screen, if the current position is on route, then intersection guidance will be provided once you are nearby an intersection.

Also, the intersection zoom screen is displayed when nearby an intersection.

### **i** Information

- Within all guidance mode screens, pressing the button at the bottom right side of the screen will change the route guidance mode.
- Each time the button is pressed, the guidance mode will change in order of preliminary guidance → turn list → highway guidance mode. (The icon within the button indicates the mode that will be displayed upon next press.)
- Highway and intersection zoom guidance are displayed during guidance at corresponding roads.

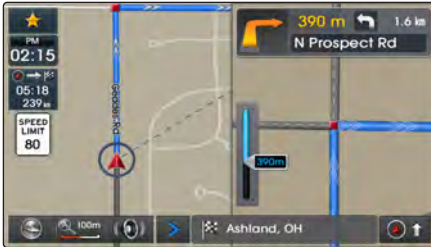
## Preliminary Guidance Mode



At the top right side of the screen, the next/after next turn info, remaining distance, direction, and other information are displayed.

# Using the Navigation

## Intersection Zoom Mode



This mode provides detailed guidance nearby intersections before the next turn. This mode is displayed starting from 300m before the intersection.

## Highway Mode



Upon entering a highway during route guidance, the highway mode will automatically be displayed. This mode is displayed when driving on a highway and mainly displays highway related POIs.

You can check information for various POIs by using the **View All** , **Summary** , and **Rest Area** buttons.

| Name               | Description   |
|--------------------|---|
| <b>1</b> View All  | Guidance for all POIs on the highway  |
| <b>2</b> Summary   | Shows list of turn points and other directional route guidance while driving within highway |
| <b>3</b> Rest Area | Guidance for only the rest areas on the highway   |

When scrolling through POIs by using the **▼** , **▲** buttons, pressing the **○** button will select the POI closest to the current position.

## **i** Information

- When there are more than four POI marks that can be listed, some POIs may be omitted and not displayed.

## Turn List Mode



Turn List Mode shows turn information on the current route.

# Route Menu

Press the **ROUTE** key to use, edit, or optimize various route options.



| Name             | Description   |
|------------------|---|
| 1 Cancel Route   | Cancels the currently set route   |
| 2 Route Overview | Shows the route overview to the set destination                                       |
| 3 Route Info     | Shows detailed info for the current route   |
| 4 Route Option   | Route calculation settings with various options for calculating a route               |
| 5 Detour         | Used to select and edit detour road/streets   |
| 6 Avoid Streets  | Used to edit the route by avoiding streets  |
| 7 Edit Route     | Used to add/delete/change the order of destinations/waypoints                         |
| 8 Avoid Area     | Used to edit route by adding Avoid Areas/Editing Avoid Areas and Deleting Avoid Areas |

# Using the Navigation

## Cancel Route

Press the **ROUTE** key ► Press



## Route Overview

Press the **ROUTE** key ► Press



| Name                       | Description  |
|----------------------------|--|
| <b>1</b> Start Guidance    | Starts guidance to the set Route/Displays the current vehicle position |
| <b>2</b> Edit Route        | Used to add/delete/change order of destinations/ way-points            |
| <b>3</b> Route Info        | Shows route info to the set destination                                |
| <b>4</b> Alternative Route | Displays various alternative route options for route calculation       |
| <b>5</b> Demo              | Starts demo to the set destination                                     |

Within the Route Overview screen, press the **Alternative Route** button to display other potential routes to the set destination. From the alternative route options, select the desired route.



| Name                      | Description   |
|---------------------------|---|
| <b>1</b> Faster Time      | Faster time route that reflects distance and traffic conditions |
| <b>2</b> Shorter Distance | The shortest distance from start point to the destination       |

## **i** Information

- Even if the “Use Alternative Route Search” option is turned on, the Route Overview screen (not the Alternative Route screen) when calculating routes that include way-points.

## Route Info

Press the **ROUTE** key ► Press



The turn points and distance information by key roads within the set route are displayed. Press the **MAP** button next to each road name to display the map position for the corresponding location.

## Route Option

Press the **ROUTE** key ► Press



Route Options refer to conditions used to calculate the route to the destination. The route is automatically recalculated if the route options and detailed route settings are changed.

| Name                  | Description   |
|-----------------------|---|
| 1 Faster Time         | Faster time route that reflects distance and traffic conditions |
| 2 Shorter Distance    | The shortest distance from start point to the destination       |
| 3 Minimize Freeway    | Route calculation with minimal use of highway                   |
| 4 Minimize Toll Roads | Route calculation with minimal use of toll roads                |
| 5 Use Ferries         | Route calculation by including use of ferries                   |
| 6 Use HOV Lanes       | Route calculation by including use of HOV lanes                 |
| 7 Use Easy Pass       | Route calculation by including use of Easy Pass                 |



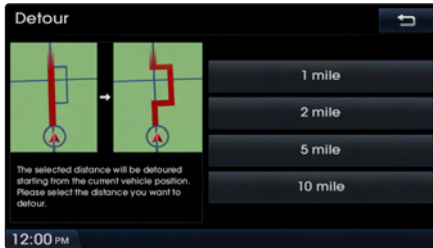
# Using the Navigation

## Detour

Press the **ROUTE** key ► Press



Detour .



The Detour menu is used to redefine the route by setting a detour to a certain distance from the current position.

## Avoid Streets

Press the **ROUTE** key ► Press



Avoid Streets ► Select the streets you want to avoid and press

**Done** .



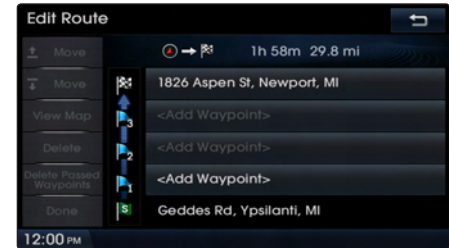
This feature is used to select specific streets to avoid within the current route. Select **Avoid** to avoid the particular streets in the route overview that are desired to be avoided.

## Edit Route

Press the **ROUTE** key ► Press



Edit Route ► Set and press **Done** .



The Edit Route menu displays the start point, waypoints, and the destination in list format and is used to edit corresponding positions or the order of destinations within the route.

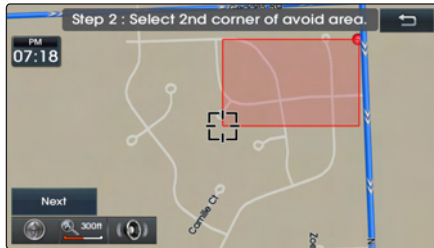
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## Avoid Area

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Press the **ROUTE** key ► Press

**Avoid Area** ► Set and press **Done** .



This feature is used by creating a rectangle over the area to avoid.

An area set as an avoid area is excluded from the calculated route. If a route had been calculated prior to creating an avoid area, the route will automatically be recalculated.

The screen will prompt to select the first corner of the square of the avoid area, followed by the second corner.

















# Map Logos and Landmarks

















## Logo/Landmarks

These are landmark and logo icons that display facilities within 2D map mode. The size of the symbol may be displayed differently according to the map scale. Symbols may change without prior notice during map updates. Symbols shown within the manual represent a portion of all symbols and should be used as a reference.




















### LOGO
















| Category   | Sub-category    | Icon  |
|------------|-----------------|---|
| Restaurant | Restaurant      |  |
|            | American        |  |
|            | French          |  |
|            | Italian         |  |
|            | Continental     |  |
|            | Mexican         |  |
|            | Japanese        |  |
|            | Chinese         |  |
|            | Korean          |  |
|            | Vegetarian Food |  |
|            | Seafood         |  |
|            | Latin American  |  |
|            | Asian           |  |
|            | African         |  |

| Category   | Sub-category          | Icon  |   |
|------------|-----------------------|---|---|
| Restaurant | Coffee Shop           |  |   |
|            | Others                |  |   |
| Automotive | Automotive            |  |   |
|            | Hyundai Dealership    |  |   |
|            | KIA Dealership        |  |   |
|            | Gas Station           |  |   |
|            | Parking               |  |   |
|            | Auto service          |  |   |
|            | Road Assistance       |  |   |
|            | Automobile Dealership |  |   |
|            | Auto Parts            |  |   |
|            | Rest Area             |  |   |
|            | Car Wash              |  |   |
|            | Motorcycle Dealership |  |   |
|            | Travel                | Travel  |    |
|            |                       | Airport   |  |

| Category      | Sub-category  | Icon  |
|---------------|---|---|
| Travel        | Hotel   |  |
|               | Tourist Information   |  |
|               | Tourist Attraction  |  |
|               | Travel Agent  |  |
|               | City Center   |  |
|               | Rental Car Agency   |  |
|               | Campground  |  |
|               | Ferry Terminal  |  |
|               | Bus Station   |  |
|               | Local Transit   |  |
| Shopping      | Train Station   |  |
|               | Shopping  |  |
|               | Department Store  |  |
|               | Convenience Store   |  |
|               | Shopping Center   |  |
| Grocery Store |  |   |















| Category   | Sub-category         | Icon  |
|------------|----------------------|---|
| Shopping   | Music Store          |    |
|            | Bookstore            |    |
|            | Electronics          |    |
|            | Gifts                |    |
|            | Sporting Goods       |    |
|            | Home Specialty Store |    |
|            | Clothing             |    |
|            | Shoe Store           |    |
|            | Pharmacy             |    |
| Recreation | Recreation           |    |
|            | Amusement Park       |    |
|            | Museum               |    |
|            | Cinema               |    |
|            | Golf Course          |    |
|            | Sports Complex       |    |
|            | Sports Activities    |    |
|            | Winery               |    |
|            | Video & Game Rental  |    |
|            | Ski Resort           |   |
|            | Recreation Area      |  |

| Category           | Sub-category          | Icon  |
|--------------------|-----------------------|---|
| Recreation         | Other Recreation      |    |
| Financial Service  | Financial Service     |    |
|                    | Bank                  |    |
|                    | ATM                   |    |
|                    | Check Cashing Service |    |
|                    | Money Transfer        |    |
|                    | Business Facility     |    |
|                    | Community             | Community   |
| Police Station     |                       |    |
| Post Office        |                       |    |
| Library            |                       |    |
| School             |                       |    |
| Fire Department    |                       |    |
| Convention Center  |                       |    |
| City Hall          |                       |    |
| Civic Center       |                       |    |
| Court House        |                       |    |
| Government Offices |                       |    |
| Waste & Sanitary   |                       |  |
| Utilities          |                       |  |

| Category | Sub-category        | Icon  |
|----------|---------------------|---|
| Services | Services            |  |
|          | Hospital            |  |
|          | Dentist             |  |
|          | Photography         |  |
|          | Tax Service         |  |
|          | Medical Service     |  |
|          | Attorney            |  |
|          | Funeral Home        |  |
|          | Hair & Beauty       |  |
|          | Cleaning & Laundry  |  |
|          | Social Service      |  |
|          | Physician           |  |
|          | Communication       |  |
|          | Tailor & Alteration |  |
|          | Mover               |  |

# Map Logos and Landmarks

## 2D Landmarks

| Category | Sub-category               | Icon  |
|----------|----------------------------|---|
|          | Airport                    |  |
|          | Park                       |  |
|          | Golf course                |  |
|          | University                 |  |
|          | SHOPPING CENTER            |  |
|          | Industrial Complex         |  |
|          | Hospital                   |  |
|          | Cemetery                   |  |
|          | Sports Complex             |  |
|          | Emergency Service Building |  |
|          | Post Office Building       |  |
|          | Amusement park             |  |
|          | Animal Park                |  |
|          | HATCH                      |  |

# 4 Bluetooth® Handsfree

- Before Use
- Basic Mode Screen
- Using *Bluetooth*® Wireless Technology

CAR AVN SYSTEM

# Before Use

## Before Using the Bluetooth® Handsfree

### What is Bluetooth® Wireless Technology?

- ▣ *Bluetooth®* Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- ▣ Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, *Bluetooth®* Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- ▣ Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the Navigation system.
- ▣ The Bluetooth® Handsfree feature may not be supported in some mobile phones. For more information on mobile phone compatibility, visit the Hyundai Motor website.  
(<http://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 calls, receive calls, and manage the phone book. Before using *Bluetooth®* Wireless Technology, carefully read the contents of this user's manual.
- ▣ Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- ▣ Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

## CAUTIONS upon Connecting Bluetooth® Phone


- ❑ Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth® features.
- ❑ Even if the phone supports *Bluetooth®* Wireless Technology, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth® power is turned off. Disable the hidden state or turn on the Bluetooth® power prior to searching/connecting with the head unit.
- ❑ If Auto Connection is used, the Bluetooth® phone is automatically connected when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.
- ❑ If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off of the Bluetooth® device.
- ❑ To set Auto Connection, go to **SETUP** ▶ **Bluetooth** ▶ **Auto Connections Settings** .
- ❑ The car name can be set at **SETUP** ▶ **Bluetooth** ▶ **Advanced Settings** ▶ **Device Information** .

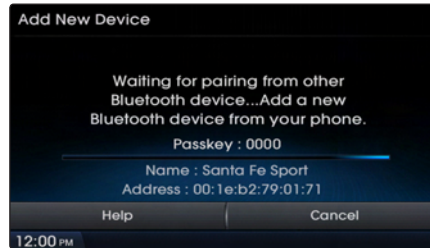
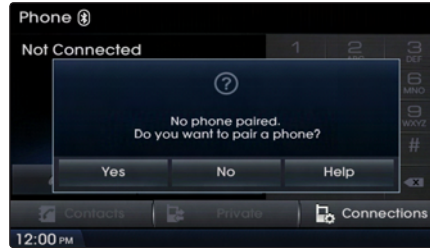
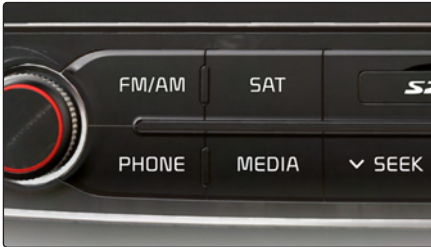
- ❑ The passkey needed to connect the mobile phone can be verified/changed at **SETUP** ▶ **Bluetooth** ▶ **Advanced Settings** ▶ **Change Passkey** .
- ❑ If the Bluetooth® audio does not play, go to **SETUP** ▶ **Bluetooth** ▶ **Streaming Audio Setting** . If the feature is set to **Off** , turn **On** 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 Navigation System and try again.
  5. Delete all paired devices, pair and try again.
- ❑ The handsfree call volume and quality may differ depending on the mobile phone.
- ❑ Pairing Bluetooth® devices and use of other Bluetooth® features are not supported when the vehicle is in motion. For safety, please first park your vehicle.



# Basic Mode Screen

## When no Phones Have Been Paired

Press the  key on the steering wheel remote controller or press the **PHONE** ► button. Press **Yes** .



### **i** Information

- Press the **Help** button within the pop-up to view the help section with information related to pairing and connecting Bluetooth® devices and using Handsfree related features.
- The same Help section can be viewed by going to **INFO** ► **?** **Help** ► **Bluetooth** .