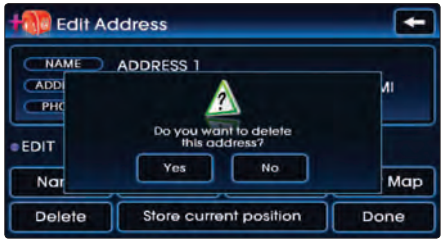
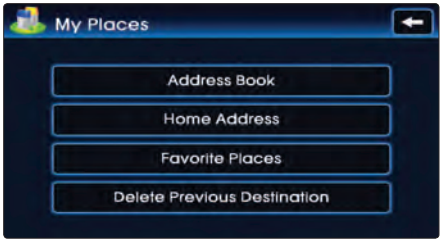


7. Press the Yes button.

Deleting an address book

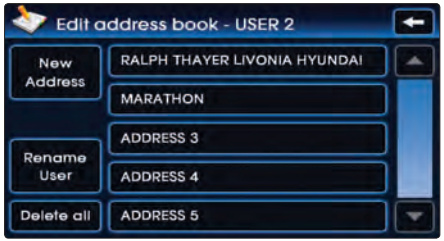
1. Press the SETUP key.

2. Press the My Places button.

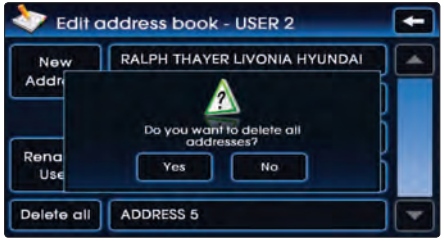


3. Press the Address Book button.

4. Press the desired address book (user) button.



4. Press the Delete all button.

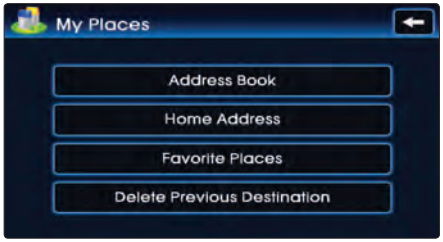


5. Press the Yes button.

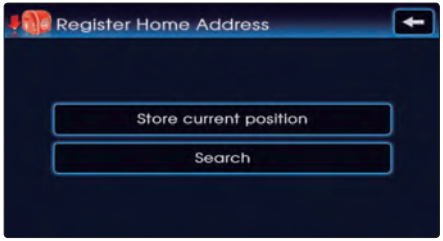
Registering home address

1. Press the SETUP key.

2. Press the My Places button.



3. Press the Home Address button.



4. Press the Search button.

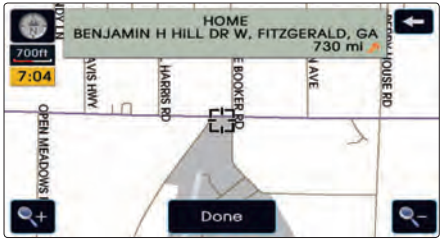
INFORMATION

Press the Store current position button to register the current position as Home.

5. Search the address.

   The process is the same method as searching an address.

   [Searching an Address], page 3-13.

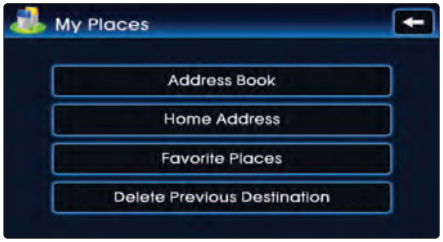


6. Press the Done button to complete.

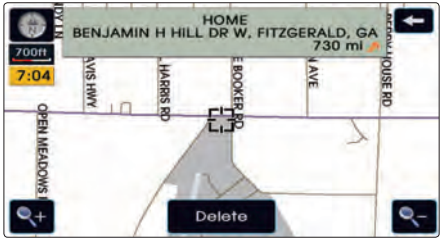
Deleting home address

1. Press the SETUP key.

2. Press the My Places button.



3. Press the Home Address button.



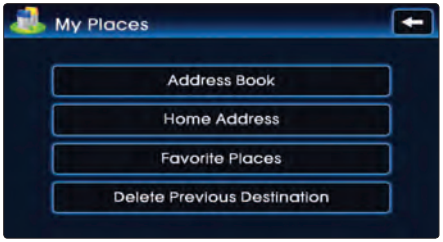
4. Press the Delete button.

5. Press the Yes button.

Registering favorite place

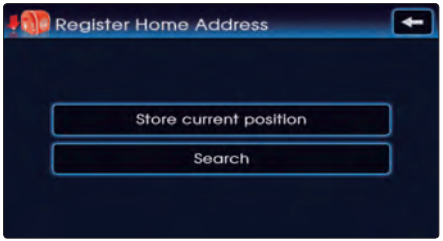
1. Press the SETUP key.

2. Press the My Places button.



3. Press the Favorite Places button.

4. Press the number of the Favorite Place to register.



5. Press the Search button.

INFORMATION

Press the Store current position button to register the current position as a Favorite place.

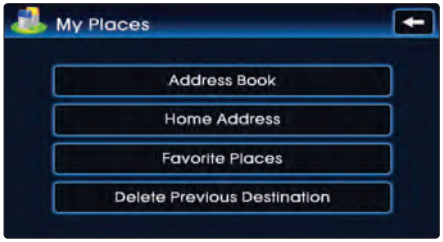
6. Search the address.
   The process is the same as the method for searching an address.
   [Searching an Address], page 3-13.

7. Press the Done button to complete.

Deleting favorite place

1. Press the SETUP key.

2. Press the My places button.



3. Press the Favorite Places button.

4. Select the desired favorite place button to delete.

5. Press the Delete button.

6. Press the Yes button.

System information and update

1. Press the SETUP key.

2. Press the main button.

3. Press the System Info button.

Voice guidance volume setting

1. Press the SETUP key.

2. Press the Voice Setup button.

Voice guidance volume control

- Set the desired volume level by using the ◀ or ▶ buttons and press the Listen button to verify the volume level.

Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
   "Voice Guidance Louder"
   "Voice Guidance Softer"

- Press the Mute button when voice guidance is unnecessary.
  Voice guidance can be turned back on by pressing the ◀ or ▶ buttons or pressing the Mute button.

Voice Command

1. Press the key on the steering Wheel remote controller.
2. After the beep sound, say a command.
   "Voice Guidance On"
   "Voice Guidance Of"

Adaptive volume control ON/OFF

- Press the desired setting button.

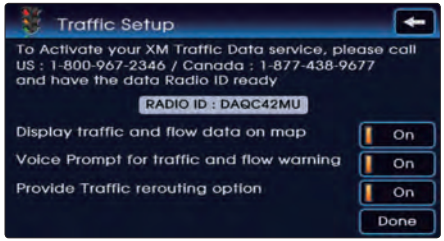
INFORMATION

Adaptive Volume Control

If the speed of the vehicle is over approximately 60 mi/h (100km/h), the volume level can be increased one level higher than the current level. If the speed of the vehicle falls under 60 mi/h (100km/h), the volume level will return to its original level.

Traffic Setup

1. Press the SETUP key.
2. Press the Traffic Setup button.
3. Select the desired changes and press the Done button.



INFORMATION

- Display Traffic and Flow data on Map : select whether to display traffic information on the map.
- Voice Prompt for traffic and flow warning : select whether to provide voice guidance in front of Traffic Information. (On route - 3mile)
- Display Detour pop-up message : select whether to display Detour pop up in front of Traffic Information. (On route - 3mile)

Traffic Information

(a) Viewing Traffic Information

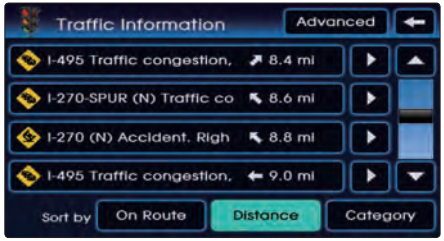
1. When the Traffic option is active, press the button on the Map screen.

Traffic Flow INFORMATION

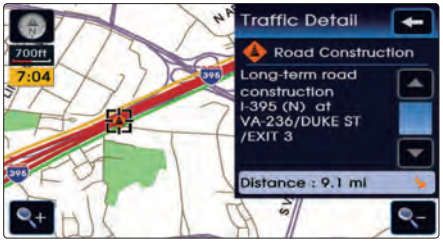
	Normal, Free Flowing (46 mph ~)
	Moderate Congestion (26 ~ 45 mph)
	Heavy Traffic, Stop and Go (0 ~ 25 mph)
	Road Construction
	Accident
	Congestion/Slow Traffic
	Incient
	Hazardous Road Conditions
	Travel Information

INFORMATION

- 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.



2. Select the desired List button.



3. The user can check points of accidents and traffic details.

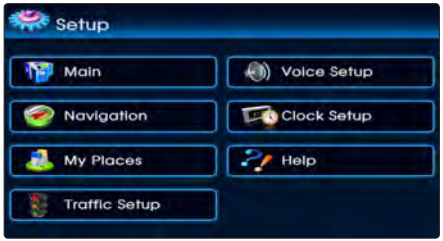
(b) Changing Traffic Category

1. Press the Advanced button at No. 2.

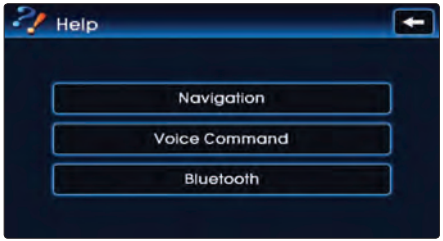
2. After selecting the desired menu among the six menus, press the Done button to save. Once returning to the previous List screen, the corresponding Category list will be shown and maintained until Category information is changed.

Help

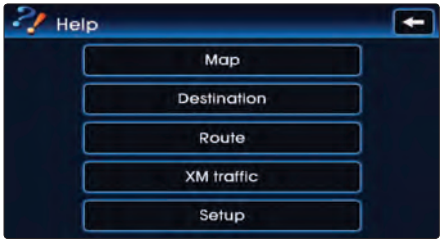
1. Press the SETUP key.



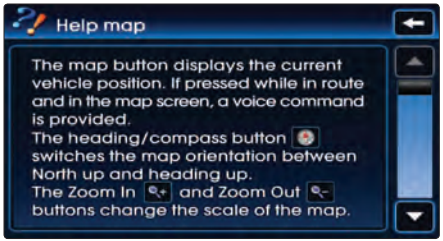
2. Press the Help button.



3. Press the Navigation button.



4. Press the desired Help menu button.



5. The full content of the help section can be viewed by using the top-down scroll buttons.

PART 4
XM DATA

XM Data mode 4-2
Entering XM Data mode..... 4-2
XM Data mode screen and functions ... 4-2
Traffic data Service Information 4-2
Stock Data Service Information 4-3
Sport Data Service Information 4-3
Weather data Service Information..... 4-4

XM Data mode

The XM Data Service is a paid membership satellite radio service which provides users with traffic, stock, sports, and weather information. However, weather information is not supported for vehicles purchased in Canada.
For information on registration or related content, please visit the XM radio website (www.xmradio.com).

Entering XM Data mode

1. From the current location map screen within the navigation, press the XM DATA button.

2. The main XM data service screen will be displayed. Within the main screen, there are four categories of Traffic, Stocks, Sports and Weather.

XM Data mode screen and functions

Traffic data Service Information

- Automatic route recalculation (guidance) according to changes in traffic conditions.
- Provides short-cuts for initially searched routes.
- Displays increased detour distance and estimated driving times.
- Displays icons by each traffic situation on the map.

1. Route calculation by incorporating actual road traffic conditions

● Incorporation of traffic information to route calculations is a user option which can be turned on or off by the user.

2. Displays Road Traffic situations

● RTM (Road Traffic Message) is a feature which displays symbols of icons for each type of road traffic condition, such as locations under construction, accidents, basic weather, and others on map locations based on Traffic information provided by XM.

3. Avoidance of locations where traffic situations have occurred.

- If a traffic situation occurs somewhere along the route, the route is recalculated to avoid such locations and an avoidance recalculation popup will be displayed.

4. Displays Traffic Event List

- A list providing details on accidents and an icon which will display the accident location are displayed. The user can view details by pressing on the list or move the map to the accident location by pressing on the accident icons.

Stock Data Service Information

XM Stock data Service is a service which provides real-time updated information on the NYSE, NASDAQ, and AMEX (approximately 11,000 symbols).

1. Press the Stocks button to display the Search screen where symbols can be searched. Input the name of the symbol you wish to search and press the List button to show search results.

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

Sport Data Service Information

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

1. Press the desired Sports button to view related sports information.

2. My teams

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

Within the <My teams> screen, teams can be added by pressing the Add button or deleted by pressing the 🗑 button.

Weather data Service Information

The Weather Service is a service which provides weather information updated every 5 minutes for your region.

The Weather Service includes Tabular Weather, Graphical Weather, Warnings and Advisories Services.

1. Tabular Weather Service

- Provides current weather information and weather information for the coming next three days for your region.
  To change the region, press the Other City button and select the desired region.

2. Graphical Weather Service (Map button)

- This service provides weather information, such as Cloud, Fog, Rain, Snow, and Road Conditions on the Navigation map as symbols. Details can be viewed on specific regions by using the zoom in and zoom out features.

3. Warning and Advisories Service

- This service provides weather warnings and advisories, such as Tornado, Storm, Flood etc. as symbols on the Navigation map.
  Details can be viewed on specific regions by using the zoom in and zoom out features.

PART 5
VOICE COMMAND SYSTEM

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Condition for voice command system 5-2
Basic operation for voice command control 5-2
Voice command Help 5-3

Setting up the voice command system 5-4
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Operating voice command

Condition for voice command system

Most of the functions within the Audio and Navigation system can be operated by voice. Please follow the following instructions for optimal voice recognition performance.

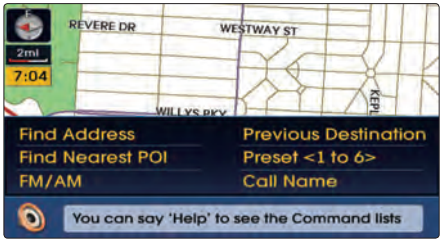
- Close all windows and the sunroof. The performance of the voice recognition can be improved if the environment of the car interior is quiet.
- Press the voice recognition button and say the desired voice command after the sound of the beep.
- The microphone is positioned above the driver so that voice commands can be spoken while maintaining a proper posture.
- Pronounce the voice commands naturally and clearly as if in a normal conversation.

Basic operation for voice command control

1. Press the key on the steering wheel remote controller. A voice command window will be displayed on the lower side of the screen followed by a "Command please" system voice comment.

INFORMATION

The System voice comment "Command Please" will not be provided when the Voice prompt is turned OFF.



2. Once the icon changes into the icon on the pop-up screen with a beep sound, say the desired voice command (ex : previous destination)
[Voice command list], page 5-6.
[Searching destination by voice command], page 5-19.

If the exact command is not known, use the "Help" command to view the commands list in detail.

INFORMATION

Press the key shortly to input a voice command from among the system voice comments. The system voice instruction comment will immediately terminate. When the icon changes into the icon with a beep sound, input the desired voice command.

3. The inputted command is fed back to the screen and voice system. If the command was not recognized properly, say "Back".

INFORMATION

- The commands which can currently be inputted are displayed on the screen in yellow.
- To terminate the voice recognition system, either say "cancel" or press the for over 0.8 second.
- Be aware that during the operation of the voice recognition system, pressing the hard keys or the screen will terminate the voice recognition system.

Voice command Help

1. Press the key on the steering wheel remote controller. A voice command window will be displayed on the lower side of the screen followed by a "Command please" system voice comment.

INFORMATION

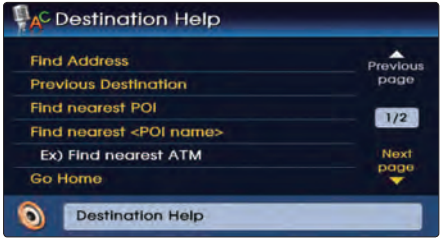
The System voice comment "Command Please" will not be provided when the Voice prompt is turned OFF.

2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Help". If the proper Help menu is already known, voice commands, such as "destination help" can be inputted directly.

INFORMATION

The "help" command can be used even while voice recognition dialogue is operating. At such time, help instructions appropriate to the state of the dialogue will be provided.

3. Say the name of the desired menu. (ex : "Destination help")



4. Say the desired voice command.

Setting up the voice command system

Setting voice Prompt ON/OFF

- Voice prompt ON : all system prompts are provided.
- Voice prompt OFF : most of the system prompts are not provided.

1. Press the key on the steering wheel remote controller.

2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Voice setup." The "voice prompt on" or "voice prompt off" can be directly inputted if the current state is already known.

3. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Voice Prompt on".

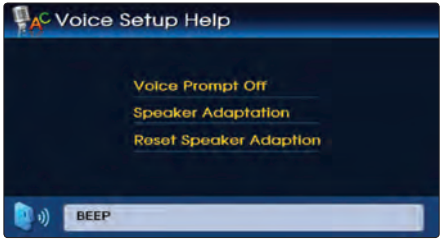
INFORMATION

In the Voice Setup Help screen, the commands possible for input within the current mode are displayed. For example, if the Voice prompt is currently in Off state, then the command Voice prompt ON will be displayed on the screen.

Speaker adaptation

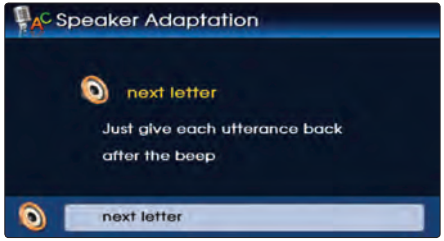
1. Press the key on the steering wheel remote controller.

2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Voice setup." Or the "Speaker adaptation" command can be directly inputted.



3. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Speaker adaptation".

4. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Yes".



5. Listen and repeat the 20 commands (approximate) as instructed by the device.

- Reset Speaker adaptation: Returns to previous state prior to applying Speaker adaptation.

1. Press the key on the steering wheel remote controller.

2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Reset Speaker adaptation".

Voice command list

The voice commands for this system are divided into Global commands and Local commands.

- Global command (●) : Commands which operate in all operating modes.
- Local command (○) : Commands which operate only when the corresponding mode is operating or when the mode screen to the corresponding mode is displayed.

Command list of Audio system

FM/AM Radio

	Command	Operation
●	Radio	Plays the most recent frequency for the most recently operated band.
●	(Radio) AM	Plays the most recent frequency for the corresponding band.
●	(Radio) FM	Plays the most recent frequency for the corresponding band. In the case of FM, the most recent frequency within the most recently played FM1 or FM2 band is played.
●	FM <1 or 2>	Plays the most recent frequency for the corresponding band.
●	AM frequency <530 to 1710> (ex. AM frequency 1310)	Plays the desired AM band frequency.
●	FM frequency <87.5 to 107.9> (ex. FM frequency 99.1)	Plays the desired FM band frequency.
●	AM Preset <1 to 6>	Plays the desired AM band preset frequency.
●	FM <1 or 2> Preset <1 to 6>	Plays the desired preset frequency of FM1 or FM2 band.
○	Preset <1 to 6>	Plays the desired preset frequency for the current band.
○	Seek Up	Searches and plays the next frequency of the current band.

	Command	Operation
○	Seek Down	Searches and plays the previous frequency of the current band.
○	Preset Up	Plays the next preset frequency of the current band.
○	Preset Down	Plays the previous preset frequency of the current.
○	Scan	Scans all frequencies within the current band.
○	Preset Scan	Scans the 6 preset frequencies of the current band.
○	Auto Store / Auto Preset	Searches all frequencies within the current band and stores the 6 frequencies with the most superior reception as preset buttons.

XM Radio

	Command	Operation
●	XM	Plays the last channel within the last band from XM1, XM2, and XM3.
●	XM <1 or 2 or 3>	Plays the most recent channel for the corresponding Band.
●	XM Channel <0 to 255>	Plays the desired XM band channel.
●	XM <1 or 2 or 3> Preset <1 to 6>	Plays the desired preset channel for XM1 or XM2 or XM3 band.
○	Channel < 0 to 255 >	Plays the desired channel of the current band.
○	Preset <1 to 6>	Plays the desired preset channel of the current band.
○	Channel Up	Plays the next channel of the current band.
○	Channel Down	Plays the previous channel of the current band.

	Command	Operation
○	Preset Up	Plays the next preset channel of the current band.
○	Preset Down	Plays the previous preset channel of the current band.
○	Scan	Scans all channels within the current band.
○	Preset Scan	Scans all preset channels within the current band.

CD

	Command	Operation
●	DISC	Plays the DISC already inserted in the CD Player.
●	CD	If the DISC inserted in the CD Player is either a CD or MP3 DISC, then the CD or MP3 will be played.
●	CD track <1 to 665>	If the DISC inserted in the CD Player is a CD, then CD Mode will start and plays the desired track.
○	Track <1 to 665>	Plays the desired track.
○	Next track	Plays the next track.
○	Previous track	Plays the previous track.
○	Scan	Scans all tracks on the CD DISC.
○	Repeat track	Repeats the current playing track.
○	Random	Plays the tracks of the CD DISC in random order.
○	Normal play	Turns off the Scan, Repeat, and Random functions.

MP3

Command		Operation
●	DISC	Plays the DISC already inserted into the CD Player.
●	CD	If the DISC inserted in the CD Player is either a CD or MP3 DISC, then the CD or MP3 will be played.
●	MP3	If the DISC inserted in the CD Player is an MP3 DISC, then the MP3 will be played.
○	Next file	Plays the next file.
○	Previous file	Plays the previous file.
○	Next folder	Plays the first file in the next folder.
○	Previous folder	Plays the first file in the previous folder.
○	Scan	Scans all files within the MP3 DISC.
○	Folder Scan	Plays all songs in the folder in which the current playing file is located for 10 seconds each.
○	Repeat File	Repeats the current playing file.
○	Repeat Folder	Repeats all tracks within the current playing folder.
○	Random	Plays all files within the MP3 DISC in random order.
○	Random Folder	Plays all files within the current playing folder in random order.
○	Normal play	Turns off the Scan, Repeat, and Random functions.

USB MP3

Command		Operation
●	USB	If the USB has been connected to the device, plays the MP3 files within the USB.
○	Next file	Plays the next file.
○	Previous file	Plays the previous file.
○	Next folder	Plays the first chapter of the next folder.
○	Previous folder	Plays the first chapter of the previous folder.
○	Scan	Scans all files within the USB.
○	Folder Scan	Plays all songs in the folder in which the current playing file is located for 10 seconds each.
○	Repeat File	Repeats the current playing file.
○	Repeat Folder	Repeats all songs within the current playing folder.
○	Random	Plays all files within the USB in random order.
○	Random Folder	Plays all files within the current playing folder in random order.
○	Normal play	Turns off the Scan, Repeat, and Random functions.

USB IMAGE

Command		Operation
●	USB	If the USB IMAGE has been connected to the device, plays the image files within the USB.
○	Next image	Moves to the next image.
○	Previous image	Moves to the previous image.

	Command	Operation
○	Next folder	Moves to the next folder.
○	Previous folder	Moves to the previous folder.

iPod

	Command	Operation
●	iPod	Plays the songs within the iPod if the iPod has been connected to the device.
○	Next song	Plays the next song.
○	Previous song	Plays the previous song.
○	Repeat song	Repeats the current playing song.
○	Random	Plays all songs within the iPod in random order.
○	Random Album	Plays all songs within the current playing album in random order.
○	Normal play	Turns off the Repeat and Random functions.

Others

	Command	Operation
●	Line in	Plays the unit connected with the AUX terminal.
●	Audio on	Turns on the Audio/Video.
●	Audio off	Turns off the Audio/Video.

Command list of Navigation system

Navigation commands will operate only agreeing to the terms and conditions for the Navigation system.

Map

	Command	Operation
●	Map Current location	Displays the current position of the vehicle.
●	Zoom In	Decreases the map zoom by one level.
●	Zoom Out	Increases the map zoom by one level.
●	Zoom minimum	Displays the map screen in the maximum zoom level.
●	Zoom maximum	Displays the map screen in the minimum zoom level.
●	Zoom level <1 to 14>	Displays the map in the zoom level selected from the 14 levels.
●	Zoom <scale factor>	Displays the map in the corresponding zoom.
	150 feet / 50 meters 300 feet /100 meters 700 feet / 200 meters 0.25 miles / 400 meters 0.5 miles / 800 meters 1 mile / 1.6 kilometers 2 miles / 3.2 kilometers 4 miles / 6.4 kilometers 8 miles / 12 kilometers	

Command		Operation
	16 miles / 25 kilometers 32 miles / 50 kilometers 64 miles / 100 kilometers 130 miles / 200 kilometers 250 miles / 400 kilometers (ex.Zoom 0.25 miles, zoom 400 meters)	
○	North up	Displays the map in North Up mode.
○	Heading up	Displays the map in Heading Up mode.
○	Show <POI name> (ex. Show ATM)	Displays the selected POI categories. [POI Category list], page 5-17.
○	Hide <POI name> (ex. Hide ATM)	Hides the selected POI categories. [POI Category list], page 5-17.
○	Hide all	Hides all POI categories.
○	Daylight mode	Converts the map display into daylight mode.
○	Night mode	Converts the map display into night mode.
○	Auto mode	Converts the map display is between daylight/night modes automatically.

Destination

	Command	Operation
●	Find address	Sets the destination through address search for route guidance.
●	Find nearest POI	Sets a POI near the current position as the destination for route guidance through POI category search.
●	Find nearest <POI name>	Sets a POI near the current position as the destination by directly inputting the POI name for route guidance. [POI Category list], page 5-17.
●	Destination POI by phone number	Sets the destination by searching the phone number of the facility.
●	Find Emergency <Category> (ex. Find Emergency Hospital)	Searches for an emergency facility which is nearby the current position and sets it as the destination for route guidance. Emergency facilities are police stations, hospitals, and dealerships.
●	Destination by address book	Sets one of the list of previously registered addresses in the address book for the user as the destination.
●	Previous destination	Sets one of the previous destination as the current destination.
●	Previous start point	Sets the previous start point as the current destination.
●	Go home	Sets the previously registered home address as the destination for route guidance.
●	Destination by memory point <1 to 5>	Sets a previously registered memory point as the destination for route guidance

Route

	Command	Operation
●	Cancel route	Deletes the designated destination and terminates the route guidance.
●	Repeat voice guidance	Repeats the route guidance.
●	Detour <1 or 2 or 5 or 10> miles	Searches detour routes within a <1|2|5|10> mile radius.
●	Detour <1 or 2 or 5 or 10> kilometers	Searches detour routes within a <1|2|5|10> kilometer radius.
●	Replan recommended route	Recalculates the route with the recommended route.
●	Replan shortest route	Recalculates the route with the shortest route.
●	Distance to destination	Reports the remaining distance until destination by voice.
●	Time to destination	Reports the remaining time until destination by voice.
○	View route	If the destination has been set, displays the whole route screen until the destination.
○	Start guidance	Sets the scroll mark displayed on the map as the destination and starts route guidance.

Others

	Command	Operation
●	Voice guidance on	Turns the Voice Guidance On.
●	Voice guidance off	Turns the Voice Guidance Off.
●	Voice guidance louder	Increases the Voice Guidance volume by 1 level.
●	Voice guidance softer	Decrease the Voice Guidance volume by 1 level.
●	Store marked location to <text tag> (ex. Store marked location to user 1)	Registers the selected location into the selected Address book.

• POI Category list

All restaurants	Car Wash	Home Specialty Store	Court House
Fast Food restaurant	Motorcycle Dealership	Clothing shop	Fire Department
American restaurant	All Travel	Shoe Store	Convention Center
French restaurant	Airport	Pharmacy	City Hall
Italian restaurant	Hotel	All Recreation	Civic Center
Continental restaurant	Tourist Information	Amusement Park	School
Mexican restaurant	Travel Agent	Museum	Government Offices
Japanese restaurant	Tourist Attraction	Cinema	Waste & Sanitary
Chinese restaurant	City Cnter	Sports Activities	Utilities
Korean restaurant	Rental Car Agency	Sports Complex	All Services
Vegetarian Food restaurant	Campground	Golf Course	Hospital
Seafood restaurant	Ferry Terminal	Winery	Dentist
Latin American restaurant	Bus Station	Video & Game Rental	Photography
Asian restaurant	Local Transit	Ski Resort	Tax Service
African restaurant	Train Station	Recreation Area	Medical Service
Coffee Shop	All Shopping	Other Recreation	Attorney
Other restaurants	Department Store	All Financial Service	Funeral Director
All automotive	Convenience Store	Bank	Hair & Beauty
Hyundai Dealership	Shopping Center	ATM	Cleaning & Laundry
Gas Station	Music Store	Check Cashing Service	Social Service
Parking	Grocery Store	Money Transfer	Physician
Auto service	Bookstore	Business Facility	Communication services
Road Assistance	Electronics Store	All Community	Tailor & Alteration
Automobile Dealership	Hardware Store	Police Station	Mover services
Auto Parts	Gifts shop	Post Office	
Rest Area	Sporting Goods store	Library	

Command list of Phone

Command		Operation
●	Call Name	Makes the call to the name.
●	Dial Number	makes the callto the number.
●	Redial	The recently called number is redialed.
●	Recent Calls	The user can select a number from the outgoing, incoming, and missed calls.

Command list of Help

Command		Operation
●	Help	Displays the main Help screen.
●	Destination Help	Displays the Destination related command list.
●	Map Help	Displays the Map related command list.
●	Radio Help	Displays the FM/AM radio related command list.
●	XM Help	Displays the XM radio related command list.
●	Disc Help	Displays the DISC mode related command list for the disc inserted in the CD Player.
●	iPod Help	Displays the iPod related Command list.
●	USB Help	Displays the USB related command list.
●	Phone Help	Displays the Phone help screen.
●	Voice setup Help	Displays the Voice prompt settings and speaker-adaptive commands on the screen.

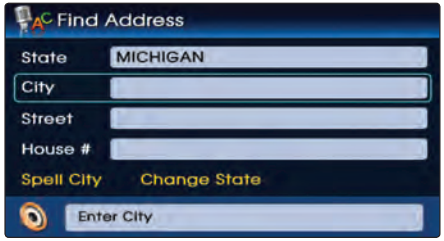
Searching destination by voice command

Find address

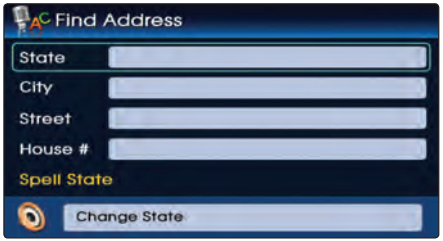
Sets the destination through address search for route guidance.

1. Press the key on the steering wheel remote controller.

2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Find address".

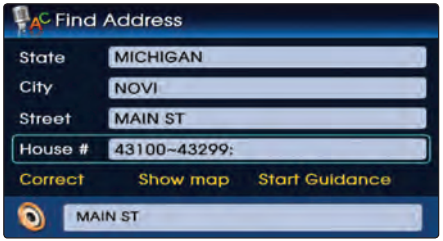


3. Say "Change state" to change the state.

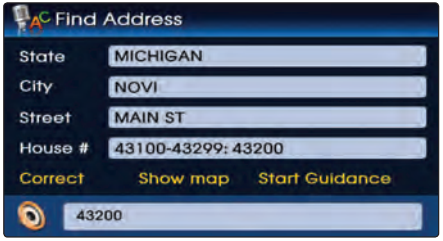


4. Say the state name.

5. Say the city name.



6. Say the street name.



7. Say the House number. Here, the range which can be inputted will be displayed.

8. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

INFORMATION

Spell recognition

- It is possible to search the state, city, street names through the text line inputted by the user.
- To enter spell search mode, say the "Spell state, city, street names" command as displayed on the screen.
- Text lines can be inputted continuously.

Pick-List(n-best list)

- If there are more than one voice result, then a pick-list which can be selected by the user will be displayed.
- There may be more than one list page. The desired page can be viewed by using commands such as "next page" or "previous page".
- Here, the "Line + number" voice command can be used to select the desired result, such as "Line one". Pressing the desired result is not supported.
- Also, selectable areas will be highlighted in yellow, allowing the user to easily see which results can be selected.

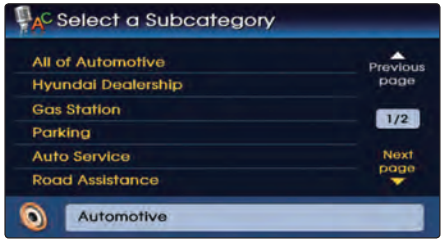
Find nearest POI

Sets a POI near the current position as the destination for route guidance through POI category search.

1. Press the key on the steering wheel remote controller.

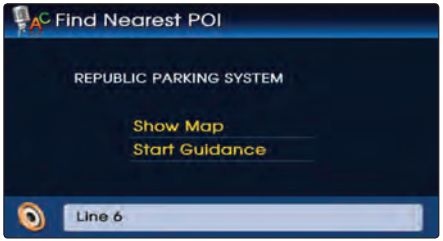
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "find nearest POI".

3. Select the desired main category.



4. Select the desired sub category.

5. Select the desired POI from the list and say the line number for the corresponding menu. Ex) "Line 1".



6. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

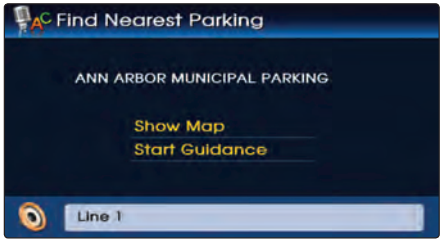
Find nearest <POI name>

Sets a POI near the current position as the destination by directly inputting the POI name for route guidance.

1. Press the key on the steering wheel remote controller.

2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Find nearest Parking".

3. Select the desired POI from the list and say the line number for the corresponding menu. Ex) "Line 1".



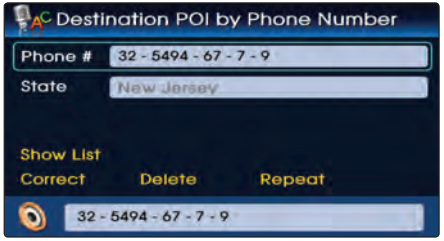
4. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

Destination POI by phone number

Sets the destination by searching the phone number of the facility.

1. Press the key on the steering wheel remote controller.

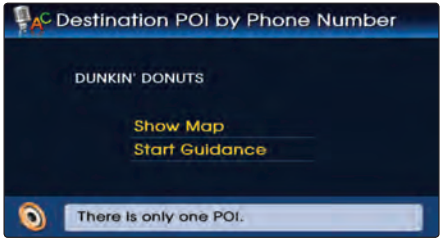
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Destination POI by Phone number".



3. Input the 10 numbers for the phone number.

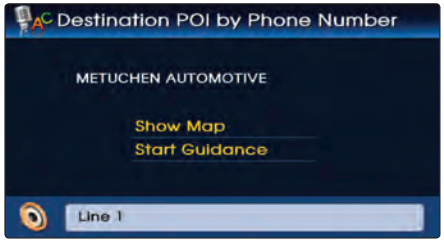
INFORMATION

Continuous recognition of phone numbers is possible, and the recognized result will be displayed in block units. To correct a block unit, say "correct". To delete the entire result, say "delete". To have the input read back, say "repeat".



4. Say "Show list" to view the resulting search list.

5. Select the desired location from the list and say the line command.



6. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

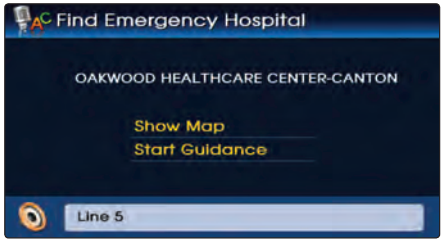
Find emergency <Category> :

Searches for an emergency facility which is nearby the current position and sets it as the destination for route guidance. Emergency facilities are police stations, hospitals, and dealerships.

1. Press the key on the steering wheel remote controller.

2. Once the icon changes into the icon on the pop-up screen with a beep sound, say the voice command.
ex)"Find emergency hospital"

3. Select the desired location from the list and say the line command.



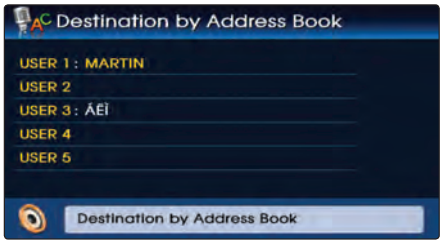
4. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

Destination by address book

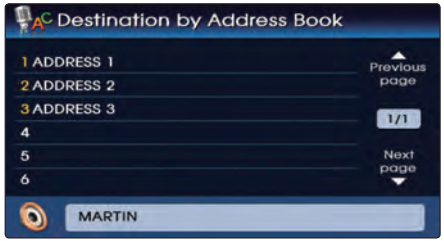
Sets one of the list of previously registered addresses in the address book for the user as the destination.

1. Press the key on the steering wheel remote controller.

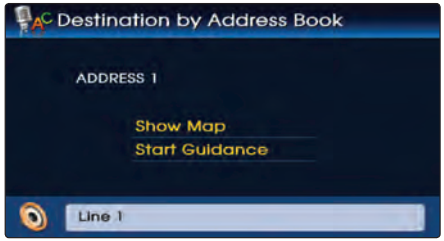
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Destination by address book".



3. Select the desired user name(Address book name).



4. Select the desired location from the list and say the line command.



5. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

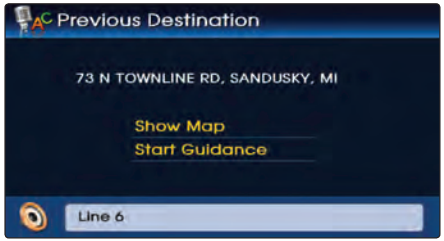
Previous destination

Sets one of the previous destination as the current destination.

1. Press the key on the steering wheel remote controller.

2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Previous destination".

3. Select the desired location from the list and say the line command.

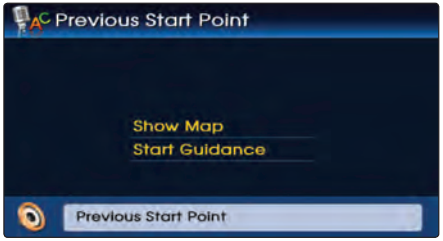


4. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

Previous start point

Sets the previous start point as the current destination.

1. Press the key on the steering wheel remote controller.
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Previous start point".



3. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

Go home

Sets the previously registered home address as the destination for route guidance.

1. Press the key on the steering wheel remote controller.
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Go home".

Destination by memory point <1 to 5>

Sets a previously registered memory point as the destination for route guidance.

1. Press the key on the steering wheel remote controller.
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Destination by memory point 1".

PART 6
Bluetooth® HANDSFREE

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BLUETOOTH® HANDSFREE

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Before using the Bluetooth® Handsfree

What is Bluetooth®?

- Bluetooth® allows wireless transmission of information between PC, mobile phones, headsets, PDAs, printers and other devices within close ranges by using 2.45Ghz frequency short-distance wireless telecommunication technologies.
- Within this vehicle, users can make hands-free calls, transmit mobile phone data, and play audio streaming files by connecting a mobile phone with the system.

Bluetooth® is a trademark owned by Bluetooth® SIG, Inc.

Functions supported by Bluetooth® Handsfree

- Pairing mobile phones (Up to 5 phones)
- Connecting/disconnecting mobile phones
- Making/Answering phone calls
- Downloading a Phone Book
- Downloading a Call history list
- Playing music saved in a Bluetooth® phone in the vehicle

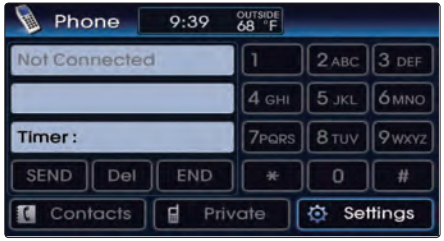
Some functions may not be supported in some mobile phone.

Converting Bluetooth® Handsfree mode

Converting from Audio/Navigation mode to Bluetooth® Handsfree mode

1. While in Audio mode or Navigation mode, press the PHONE key or the key on the steering wheel.

2. The system will change to Bluetooth® Handsfree mode and display the PHONE screen.



3. The following screen will become displayed if no mobile phone has been connected.

Converting from Bluetooth Handsfree mode to Audio/ Navigation mode

1. While in Bluetooth® Handsfree mode, press an Audio/Navigation mode key, such as FM/AM or MAP VOICE.

2. The corresponding mode will be displayed.

INFORMATION

Most of the functions of the Audio or SETUP modes are not supported while on a Bluetooth® Handsfree call. The call volume and Navigation (MAPVOICE, DEST, ROUTE) screens can be operated.

Pairing and connecting a Bluetooth® phone

⚠ CAUTION!

- Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow the following steps to try again.
  1. Turn the Bluetooth® function within the mobile phone ON/OFF and try to connect again.
  2. Turn the mobile phone power ON/OFF and try to connect again.
  3. Completely remove the mobile phone battery, reboot, and then try to connect again.
  4. Reboot the Audio Navigation System and try to connect again.
  5. Delete all paired devices from the mobile phone and Audio Navigation System and re-pair for use.
- The hands-free call volume and quality may differ depending on the mobile phone.

Pairing a mobile phone

1. Press the Settings button on the PHONE screen.

2. Press the Pairings button on the Settings screen.

3. The list of currently paired phones will be displayed. Press the Add to button to pair a new mobile phone.

ℹ *INFORMATION*

For safety reasons, pairing a Bluetooth® phone is not possible when the vehicle is in motion. Park the vehicle in a safe location to pair a new phone. It is possible to pair up to five mobile phones. In order to pair a new phone when there are already five mobile phones paired, you must first delete one of the previously paired phones.

4. From the Bluetooth® device list within the mobile phone, add the car handsfree. The default name of the car system is (OOO).

   For more information on registering Bluetooth® devices from the mobile phone, please refer to the mobile phone user's manual.

INFORMATION

While conducting a Bluetooth® device search from the mobile phone, operating to another screen will prevent the car handsfree from being found in the mobile phone. Always conduct searches for Bluetooth® devices with the Search Bluetooth® device screen displayed.

5. When pairing the car handsfree from the mobile phone, a passkey input window will become displayed on the mobile phone screen. Input the passkey set within the car system into the mobile phone input window. (The factory state passkey is 0000.) As shown in the figure, once the passkey becomes successfully inputted, the Bluetooth® connection between the car system and mobile phone will start.

6. Once Bluetooth® connection is successful, the name of the connected mobile phone will become displayed on the PHONE screen and Bluetooth® handsfree functions will operate.

INFORMATION

Some functions may not be supported due to limited Bluetooth® compatibility between the car system and mobile phone.

Deleting a paired phone

1. Press the Settings button on the PHONE screen.

2. Press the Pairings button on the Settings screen.

3. The list of currently paired phones will be displayed. Select the phone you wish to delete from the list and press the Delete button.

4. A pop-up asking whether you wish to delete the paired phone will be displayed.
   Press the Yes button to delete the paired phone and the No button to cancel.

⚠ CAUTION!

A mobile phone cannot be deleted if it is currently connected to the car system.
To delete the phone, first disconnect the mobile phone and try again.

Connecting a mobile phone

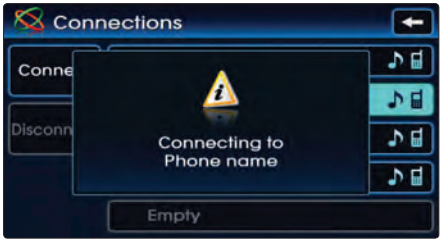
1. Press the Settings button on the PHONE screen.

2. Press the Connections button on the Settings screen.

3. The list of currently paired phones will be displayed. Select the phone you wish to connect from the list and press the Connect button.

INFORMATION

When there are no paired phones, pair the mobile phone through [Settings>Pairings> Add to]. For more information on pairing mobile phones, refer to the user's manual [Pairing and Connecting a Bluetooth® phone > Pairing a mobile phone].



4. The Bluetooth® connection between the car system and mobile phone will start.

5. Once Bluetooth® connection is successful, the name of the connected mobile phone will become displayed on the PHONE screen and Bluetooth® handsfree functions will operate.

4. If the connection between the mobile phone and Bluetooth® fails, the following pop-up will be displayed. If problems occur while connecting Bluetooth®, check for the following conditions.

- Whether the mobile phone you wish to connect is in the vicinity of the car system
- Whether the power of the mobile phone Bluetooth® has been turned off
- Whether the mobile phone Bluetooth® has been set to hidden state
- Whether there are Bluetooth® compatibility issues between the car system and another mobile phone

Disconnecting a mobile phone

1. Press the Settings button on the PHONE screen.

2. Press the Connections button on the Settings screen.

3. The list of currently paired phones will be displayed. Select the phone you wish to disconnect from the list and press the Disconnect button.

4. pop-up asking whether you wish to disconnect the mobile phone will be displayed. Press the Yes button to disconnect the mobile phone and the No button to cancel.

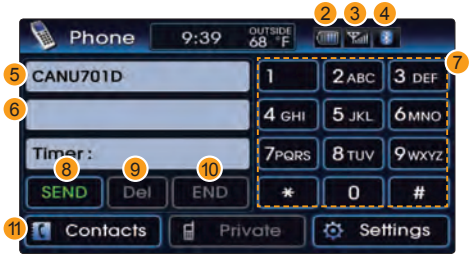
Bluetooth® Handsfree screen layout

Bluetooth® Handsfree screen and functions

When there is no mobile phone connected

1 Settings : the user can set desired settings for the Bluetooth® handsfree, such as pair/ delete mobile phone, connect/ disconnect mobile phone, set call volume, change device name and change passkey.

When a mobile phone is connected



2 Phone battery charge status : displays the battery charge status of the connected mobile phone. The battery charge status may not be displayed in some mobile phones.

3 Signal strength : displays the mobile phone signal strength. The signal strength may not be displayed in some mobile phones.

4 Bluetooth® connection state : becomes displayed when a Bluetooth® phone has been connected with the car system.

5 Name of connected mobile phone : displays the name of the connected mobile phone.

6 Phone number input window : displays the inputted phone number.

7 Dial : input the phone number through the dial pad.

8 SEND : if a number has not been entered into the phone number input window, Pressing the send button displays the call history list screen.

9 Del : deletes the inputted number one digit at a time.

10 END : if a number has been inputted, then erases the entire number.

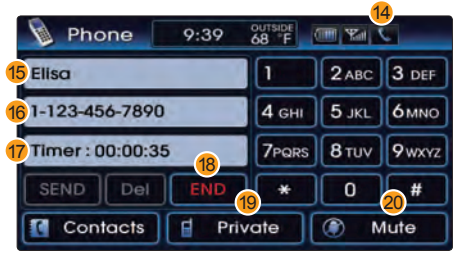
11 Contacts : displays the phone book screen. The user can search previously saved phone numbers. The phone contact list may not be displayed in some mobile phones.

When receiving an incoming call

12 Accept : accepts the incoming call.

13 Reject : rejects the incoming call.

When already on a call



14 Busy icon : when already on a call, displays an icon shaped like a receiver.

15 Name of incoming caller : displays the name of incoming caller. The name of the incoming caller will not be displayed if the caller's phone number has not been previously registered in the phone book.

16 Number of incoming caller : displays the number of the incoming caller.

17 Call state : displays the call state, such as talk time, phone connection, and end time.

18 END : ends the call.

19 Private : when talking on the car handsfree, use this function to switch the call to the mobile phone.

20 Mute : use this function to mute the outgoing volume. Pressing the Mute button will display the at the top right side of the screen and the caller will not be able to hear the conversation taking place in the car. Press the Mute button again to release the Mute function.

When there is a call waiting

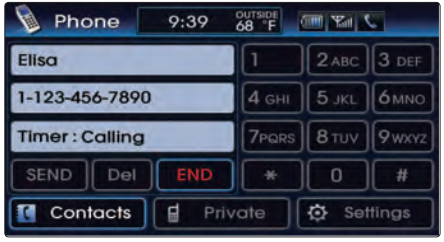
21 Switch : use this button to switch between callers when there are calls on call waiting.

22 END : use this button to end the calls with all callers.

Making a call

Making a call by dialing a phone number

1. Use the number pad on the right side of the PHONE screen to input the number you wish to call.



2. Press the SEND button or the key on the steering wheel to make the call.

INFORMATION

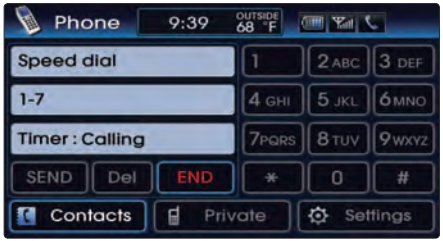
To modify, press the Del button to delete the inputted number one digit at a time.
Press the END button or the key on the steering wheel to cancel the call.

Making a call from Speed Dial

1. Use the number pad on the right side of the PHONE screen to input a speed dial number.

INFORMATION

Only speed dial numbers already stored on the mobile phone can be used for speed dial calls.
Up to 2-digit speed dial numbers are supported.



2. Press the SEND button or the key on the steering wheel to make the call.

INFORMATION

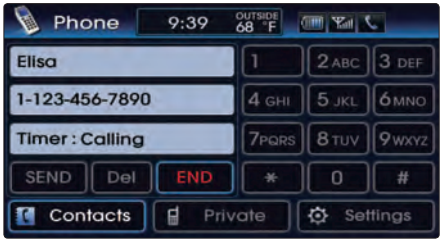
For 2-digit speed dial numbers, press and hold the 2nd digit to make a call to the speed dial number.

Making a call by redialing

1. Press and hold (over 0.8 second) the SEND button on the PHONE screen or the key on the steering wheel.

INFORMATION

Redialing is not possible when there is no call history or the call history list is being downloaded from the mobile phone. When there is no call history list, the SEND button will be inactive.



2. The recently called number is redialed.

INFORMATION

It is not possible to display the Audio mode and Settings screen when on a phone call. Only the call volume and Navigation (MAPVOICE, DEST, ROUTE) screens can be operated.

Answering a call

Answering an incoming call

1. The following screen will be displayed when you receive an incoming call.

2. To answer the incoming call, press the Accept button or the key on the steering wheel.

Rejecting an incoming

1. The following screen will be displayed when you receive an incoming call.

2. To reject the incoming call, press the Reject button or the key on the steering wheel. The incoming call will be rejected.

INFORMATION

Upon receiving a call, the [Reject] function may not be supported in some mobile phones.

Operating menus during a call

Switching call to the mobile phone

1. If you wish to switch the call to the mobile phone while talking on the car handsfree, press the Private button or press and hold (over 0.8 second) the key on the steering wheel.

2. As shown, the call will be switched to the mobile phone.

INFORMATION

If you wish to switch the call to the car handsfree while talking on the mobile phone, press the Use handsfree button or press and hold (over 0.8 second) the key on the steering wheel. The call will be switched to the car handsfree.

Activating Call waiting

1. If another person calls while already on a call, the following screen will be displayed.

2. Press the Accept button or the key on the steering wheel to receive the incoming call by switching to the new caller.

3. To switch again to the other caller, press the Switch button or the key on the steering wheel. The other call will be received and the previous call will switch back to call waiting.

INFORMATION

Press the End button or the key on the steering wheel to end the current call and call waiting.

Ending a call

1. To end a call, press the End button or the key on the steering wheel.

2. The call will be ended.

Phone Book

Making a call from the Phone book

1. Press the Contacts button on the PHONE screen.

2. The phone book list will be displayed.

INFORMATION

- The system may begin to slow down when downloading the phone book in some mobile phones.

- Upon connecting a mobile phone, the phone book lists saved in the mobile phone will automatically be downloaded(Maximum 1000 entries). The phone book download function may not be supported in some mobile phones.
- If you do not wish to automatically download the mobile phone contacts to the vehicle, turn the Contacts Sync setting OFF. (Phone>Settings>Advanced setup> Contacts Sync)

3. Select the number you wish to call from the phone book list and press the SEND button.

4. The call will be made to the selected number.

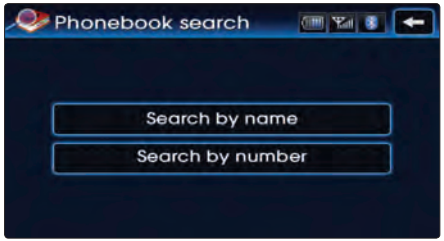
INFORMATION

- When there are more than 2 numbers saved in one phone number list, if the list is repeatedly selected, the registered phone numbers will be displayed sequentially on the list.
- The Mobile Phone/Office/Home categories received via the mobile phone may differ from the information actually stored in the mobile phone.
- Select the phone number you wish to connect by repeatedly selecting the phone number list and press the SEND button to make the call to the selected number.

Searching the Phone Book

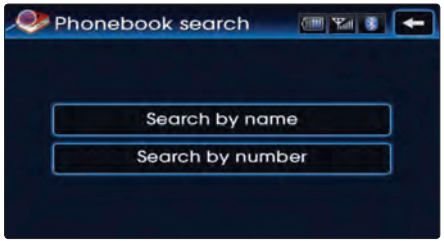
1. Press the Contacts button on the PHONE screen.

2. Press the Search button on the Contacts screen.



3. Phone numbers can be searched by either Search by name or Search by number. From the two methods, select the search method you wish to use.

Searching by name



1. Press the Search by name button on the Phonebook search screen.

2. Input the name you wish to search and press the Done button.

3. The search results will be displayed on the screen.

Searching by number

1.Press the Search by number button on the Phonebook search screen.

2. Input the phone number you wish to search and press the Done button.

3. The search results will be displayed on the screen.

Call History List

Making a call from Call history

1. Press the SEND button on the PHONE screen or press the key on the steering wheel.

2. The call history list will be displayed. Select the number you wish to call from the call history list and press the SEND button.

3. The call will be made to the selected number.

Sorting call history

1. The call history can be displayed by sorting the incoming calls, outgoing calls and missed calls.

2. When pressing the Dialed, Received, or Missed button, the corresponding call history list will be displayed.

Dialed number

Missed number

Received number

INFORMATION

If there are no entries saved in the Dialed, Received, or Missed lists, the corresponding button will be inactive. Up to 20 entries can be saved in each list.

Phone Music

Before playing Phone music

Music saved in the mobile phone can be played in the car through Bluetooth® audio streaming.

Phone music can be played only when a Bluetooth® phone has been connected. To play phone music, connect the Bluetooth® phone to the car system. For more information on connecting Bluetooth®, please refer to the user's manual [Pairing and Connecting a Bluetooth® phone].

If the Bluetooth® is disconnected while playing phone music, the music will be discontinued.

The audio streaming function may not be supported in some mobile phones.

Only one function can be used at a time between the Bluetooth® handsfree or Phone music function.

For example, if you convert to the Bluetooth® handsfree while playing Phone music, the music will be discontinued.

Playing music from the car is not possible when there are no music files stored in the mobile phone.

Starting Phone Music

1. Repeatedly press the MEDIA key on the front panel or the MODE key on the steering wheel to enter Phone music mode.

INFORMATION

Each press of the MEDIA key on the front panel will change the function in the order of DISC → USB or iPod → AUX → Phone Music → DISC ...

Each press of the MODE key on the steering wheel will change the audio mode in the order of FM1 → FM2 → AM → XM1 → XM2 →XM3 → DISC → USB or iPod → AUX → Phone Music → FM1...

It is not possible to enter Phone music mode if the mobile phone is not connected or if the audio streaming setting within Bluetooth® handsfree settings has been set to [Disable streaming audio].

For more information on audio streaming setting, please refer to the user's manual [Bluetooth® settings > Setting Audio streaming].

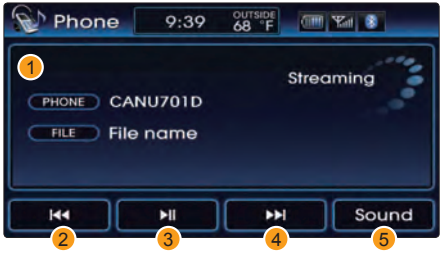
2. The Phone music screen is displayed.

INFORMATION

While music saved in the mobile phone will automatically begin playing after converting to the Phone music screen, this music player function may not be supported in some mobile phones.

If music does not begin playing even after converting to the Phone music screen, try starting the music directly from the mobile phone.

Phone music screen layout



1. Information Bar : displays information for the currently playing song.
2. File Down button : plays the previous song.
3. Play/Pause button : plays/pauses the song.
4. File Up button : plays the next song.
5. Sound button : sets the FAD/BAL and BAS/MID/TRE.

Selecting Phone music files

1. Press the ⏮, ⏭ buttons on the Phone music screen or the SEEK TRACK key on the system.
   The previous or next song will be played each time the button or key is pressed.

INFORMATION

The file selection function may not be supported in some mobile phones.

Bluetooth® settings

Pairing and connecting a mobile phone

For more information on pairing and connecting a mobile phone, please refer to [Pairing and Connecting a Bluetooth® phone].

Setting mobile phone auto connect priority

INFORMATION

After turning on the car ignition and the system is booted up, the Bluetooth® connection between the car system and mobile phone is automatically made.

The Bluetooth® connection will be conducted in the order of mobile phone priority.

The auto connect priority will be supported only for previously paired mobile phones.

1. Press the Settings button on the PHONE screen.

2. Press the Priority button on the Settings screen.

3. The paired mobile phone list and the mobile phone connection priority will be displayed.
   When wishing to change the priority order, select the mobile phone from the list and use the ↑, ↓ buttons to change its priority.
   Press the Done button to save the changed mobile phone priority.

Setting Handsfree volume

1. Press the Settings button on the PHONE screen.

2. Press the Volume button on the Settings screen.

INFORMATION

The Bluetooth® handsfree volume can be adjusted only when a mobile phone has been connected.

The Volume cannot be set if no mobile phone has been connected.

Use the ◀, ▶ buttons to set the desired volume on the Phone volume screen. Press the Done button to save.

INFORMATION

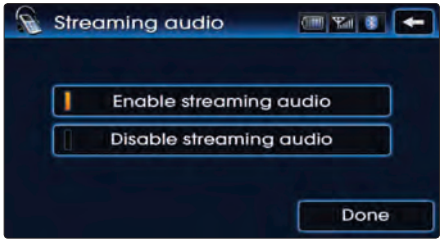
While on a call, turning the POWER knob to the left/right or pressing the +VOL- key on the steering wheel will also adjust the call volume.

Set the incoming call volume accordingly.

Setting Audio streaming

1. Press the Settings button on the PHONE screen.

2. Press the Streaming audio button on the Settings screen.



3. Streaming audio setting is selected.

INFORMATION

Enable streaming audio: repeatedly press the MEDIA key or the MODE key to enter Phone music mode. Phone music can be played through Bluetooth® audio streaming.

Disable streaming audio: even if the MEDIA key or the MODE key is repeatedly pressed, will not be available.

Phone music through Bluetooth® audio streaming is not supported.

Advanced settings

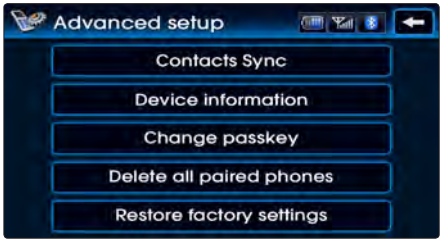
Bluetooth® advanced settings can be changed. Enter advanced settings through the following way.

1. Press the Settings button on the PHONE screen.

2. Press the Advanced setup button on the Settings screen.

INFORMATION

For safety reasons, operation of Advance setup is not possible when the vehicle is in motion. Please park in a safe place to make changes to Advanced setup.



3. The Advanced setup screen will be displayed. In Advance setup, the following four settings can be made.

Setting Contacts Auto Download (Sync)

1.While in Advanced setup press the Contacts Sync button.

2. After turning Contacts Sync ON/OFF, press the Done button.

INFORMATION

- If Contacts Sync is turned ON, the contacts and call history in your mobile phone will automatically be downloaded to the vehicle each time you connect a Bluetooth® device.

Searching and modifying my device properties

1. Press the Device information button on the Advanced setup screen.

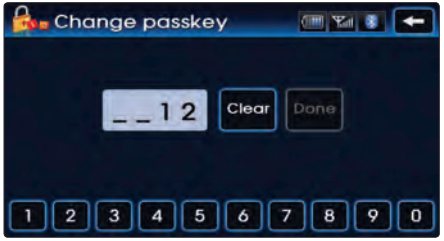
2. Displays the Device information such as the name and address of the car system.
To modify the device name, press the Change name button.

3. Use the key pad to input the Device name you wish to modify.

4. After inputting is complete, press the Done button to save.

Changing passkey

1. Press the Change passkey button on the Advanced setup screen.



2. Once the Change passkey screen is displayed, input the desired passkey and press the Done button.

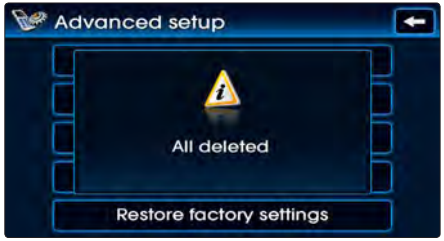
INFORMATION

The passkey is a 4-digit authentication code used for the Bluetooth® connection between the mobile phone and car system. The default passkey is set to 0000.

Deleting all paired phones

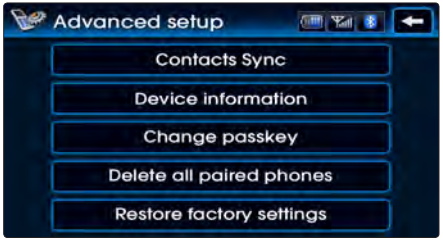
1. Press the Delete all paired phones button on the Advanced setup screen.

2. A pop-up asking whether you wish to delete all paired phone will be displayed. Press the Yes button to delete all paired phones or the No button to cancel.

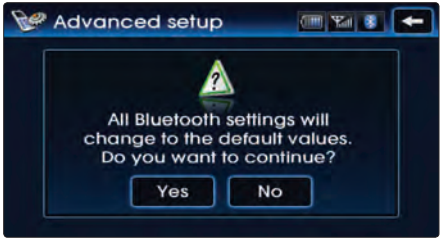


3. If Yes button is pressed, all currently paired phones will be deleted.

Initializing Bluetooth® handsfree



1. Press the Restore factory settings button on the Advanced setup screen.



2. A pop-up asking whether you wish to initialize the Bluetooth® handsfree will be displayed.
   Press the Yes button to initialize the Bluetooth® handsfree system and the No button to cancel.

INFORMATION

Upon initializing the Bluetooth® handsfree, the entire paired phone list will be deleted and all Bluetooth® related settings will be restored to factory state.

3. If Yes is pressed, the Bluetooth® handsfree settings will be initialized.

Important information

About pairing mobile phones

Q. I cannot search for mobile phones through the car system. What is the cause?

A. Check to see whether the mobile phone you wish to connect supports Bluetooth® function. If your mobile phone supports Bluetooth®, check to see that whether the Bluetooth® settings in the mobile phone have been set to hidden state or if the Bluetooth® power has been turned off. If the device has been set to hidden, release the hidden state and if the Bluetooth® power has been turned off, turn the power ON and try searching again.

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

A. Paring is the process of creating a secure communication connection between the mobile phone and the car Bluetooth® system.

Through a two-way passkey between the car system and mobile phones, up to 5 mobile phones can be paired with the car system. The paired mobile phone will remain paired with the car system until the user deletes it manually.

In addition, the call history lists and phone number books saved in each mobile phone will also be maintained until the paired phone is deleted. For more information on pairing mobile phones, please refer to the manual [Pairing and Connecting a Bluetooth® phone > Pairing a mobile phone].

Connecting a mobile phone to Bluetooth® by selecting the desired mobile phone from the paired phones.

Within the car system, only one Bluetooth® phone can be connected at one time.

For more information, please refer to the manual [Pairing and Connecting a Bluetooth® phone > Pairing a mobile phone].

Q. What is a Passkey?

A. A passkey is an authentication code used for two-way communication of the car system and the mobile phone.

Only 4-digit numbers can be used as passkeys. Passkeys are registered only once when pairing the phone number for the first time. The factory-set passkey is 0000.

About making/answering phone calls

Q. How can I answer a call?

A. When you receive an incoming call, press the key on the steering wheel or the Accept button on the PHONE screen to answer. To reject the incoming call, press the key on the steering wheel or the Reject button on the PHONE screen.

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

A. To switch the call to the mobile phone, press the Private button on the PHONE screen or press and hold (over 0.8 second) the key on the steering wheel. If you wish to switch the call back to the car handsfree, press the Use handsfree button on the PHONE screen or press and hold (over 0.8 second) the key on the steering wheel.

About Bluetooth device environment

Q. What is the range for Bluetooth® wireless connection?

A. The wireless connection range is within Aproximately 30 feet.

Q. How many mobile phones can be paired?

A. It is possible to pair up to five phones with the car system.

Q. What is the reason why the call quality deteriorates?

A. First, check to see the signal strength of the mobile phone. The call quality may deteriorate when the signal strength is low. Call quality may also deteriorate if metal objects, such as drink cans, are placed near the mobile phone.

⚠ CAUTION!

Mobile Phone Compatibility

Depending on the manufacturer, product and product specification, some mobile phones functions may not be supported or may not operate to specification. Carefully read the cautions listed below.

- The occurrence of problems upon using mobile phones may be caused by the mobile phone and not by the Audio/Navigation Unit.
- Even mobile phones which support Bluetooth function may not operate properly if the mobile phone connection has been locked. Release the connection lock and try connecting the mobile phone with the system again.
- The Mobile phone battery icon and signal strength icon may not be properly displayed depending on the type of mobile phone.
- Call waiting is supported only when the connected mobile phones support this feature. The call waiting pop-up may not be displayed in some mobile phones.
- Audio streaming mode will operate only when a Bluetooth® phone has been connected. Connecting or disconnecting a Bluetooth phone while audio streaming is operating will stop music play.
- The audio streaming function may not be supported in some mobile phones.
- The phonebook may take a prolonged period of time to download or may not operate in some mobile phones.
- The quality of Bluetooth® handsfree calls may differ depending on the mobile phone.

PART 7
Blue Link®

Starting Blue Link® 7-2

Safety and Security 7-3
Auto Crash Notification(ACN) 7-3
Emergency Assistance (SOS) 7-3
Stolen Vehicle Recovery 7-3
Vehicle Immobilization 7-4
Vehicle Slowdown 7-4

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Sending your car position to a friend ... 7-9
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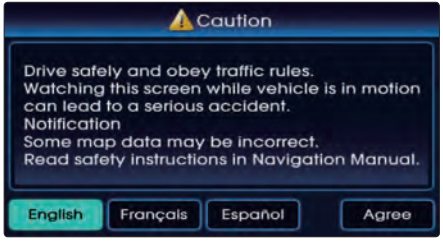
Blue Link System Information 7-14
Checking Blue Link System Information ... 7-14

Blue Link Subscription..... 7-15
Service Activation 7-15

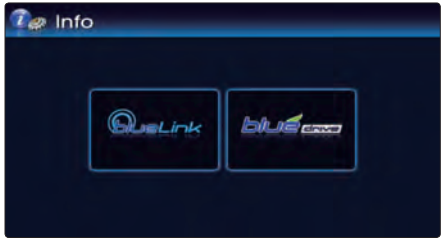
Starting Blue Link®

1. Turn on the vehicle ignition. The Blue Link logo is displayed on the screen.



2. Press the Agree button on the navigation warning screen and start the Audio Navigation.

3. Press the INFO key.

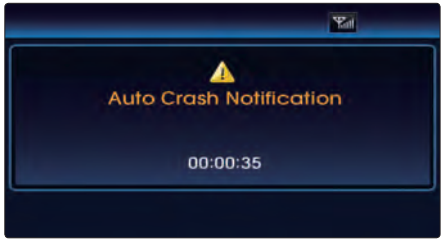


4. The Blue Link screen is displayed and the Blue Link service can be used.

Safety and Security

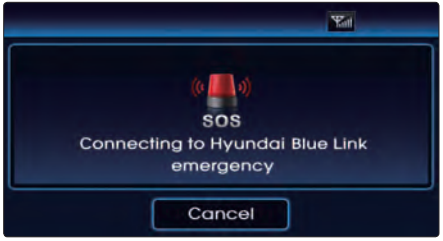
Auto Crash Notification(ACN)

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



Emergency Assistance (SOS)

Customers request emergency 911 assistance by pressing the dedicated SOS button in the vehicle. This action transmits vehicle information and location to specially trained response specialists, who assist in coordinating the dispatch of appropriate emergency assistance to the customer. The response specialist remains on the line with the customer until advised assistance has arrived.

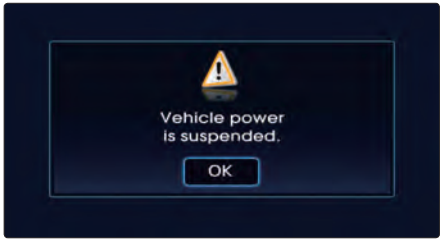


Stolen Vehicle Recovery

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

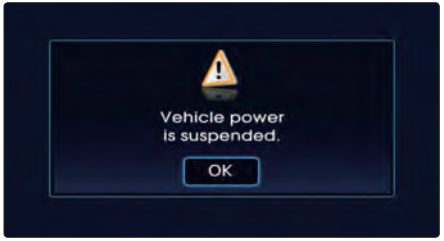
Vehicle Immobilization

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



Vehicle Slowdown

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



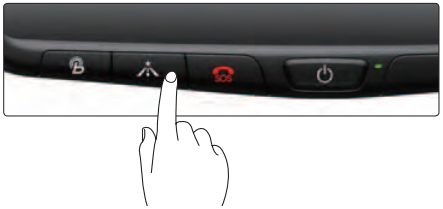
Geographical Position Information

POI information can be downloaded to the vehicle through the Blue Link center or by accessing the Owner's Website.
In the download POI menu, you can check various information, such as Restaurant names, addresses, telephone numbers, POI Rating and Gas Station names, addresses, telephone numbers, fuel type, and price information. It is also possible to view the map position of the corresponding POI and place a phone call.

Downloading POIs from the Blue Link Center

POI Download by IVR

Enables Point of Interest searches using an automated voice system. Results can be downloaded to the vehicle navigation system. Live Operators provide additional support, if needed.



1. Press the key on the Room Mirror.

2. Connect to IVR_POI menu. Request POI to IVR.

3. Once the POI is received from the Blue Link center, the following screen is displayed and allows you to check POI details.

Downloading POIs through the Owner's Website

POI download by Web Portal provides traffic information surrounding the customer's vehicle and in the nearby area, based on preferences established using the Owner's Website.

1. Select the POI information from the Blue Link Owner's Website to transmit to your vehicle. For the Owner's Website, go to www.myhyundai.com.

2. After downloading the POI from the Owner's Website, turn on the ignition. The following POI download pop-up is displayed.
   Press the [Yes] button to convert to the downloaded POI list.

3. Select the desired POI information to check POI details by category.

Checking POI Lists that have been downloaded

1. In the Blue Link main screen, press the Downloaded POI button.

2. From Gas Station, POI, and Restaurant, select the desired POI category menu. You can check received POI information within the Blue Link Center or Web Portal.
3. Displays the POI list screen by category.
   The screens for each category are as follows.

When selecting Gas Station

When selecting POI

When selecting Restaurant

INFORMATION

Information displayed in the list includes names of POIs and the distance from the current position to the POI destination. Selecting on Route, Distance, or the Date button will sort the list according to the selected category. Press the Delete All button to delete the entire POI list.

4. If the desired POI list is selected, then the detailed info screen is displayed. The details screens for each category are as follows.

Gas Station details screen

Displays Gas Station name, address, telephone number, fuel type, and price information.

POI details screen

Displays POI name, address, and telephone number information.

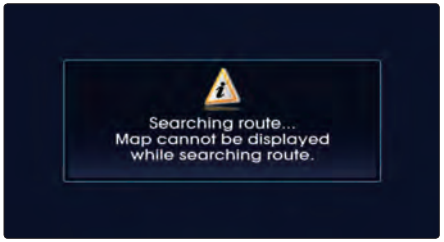
Restaurant details screen

Displays Restaurant name, address, telephone number, and POI rating information.

INFORMATION

If the text is too long and cannot all be shown on the screen, press ▶ to scroll to the remaining information.

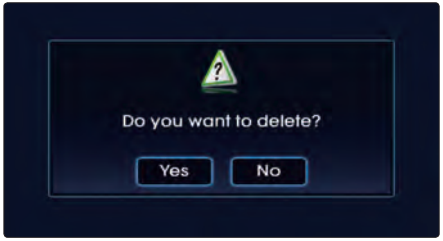
5. In the Downloaded POI details screen, press Display on Map to display the POI position on the map screen.



INFORMATION

During navigation route searches, you cannot move to the map screen. Convert to the map screen after completing the navigation route search.

6. In the Downloaded POI details screen, press Call POI to connect a call to the corresponding POI telephone number. This feature will not operate if the Bluetooth phone is not connected to the vehicle or if already on a Bluetooth phone call.



7. In the Downloaded POI details screen, press Delete to delete the corresponding POI.

Sending your car position to a friend

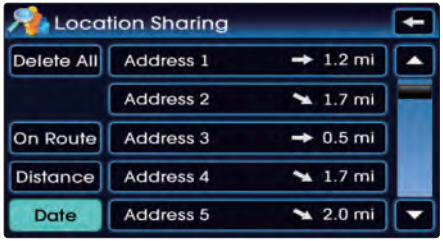
Through Blue Link, the locations of your vehicle and friend's vehicle can be shared. When sending the location of your vehicle to a friend, the location is transmitted to a friend via a Blue Link center call.

1. Press the key on the Room Mirror.

2. Connect to IVR. Following order updates my location to friend.
3. The location information of your vehicle is transmitted to your friend's vehicle.

Checking incoming friend position information

1. In the Blue Link main screen, press the Location Sharing button.



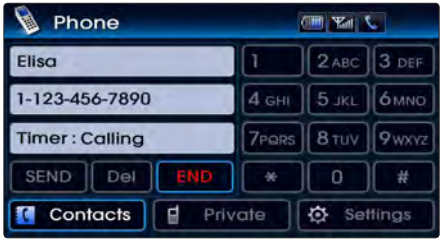
2. The Location Sharing screen is displayed. Select the desired list.

INFORMATION

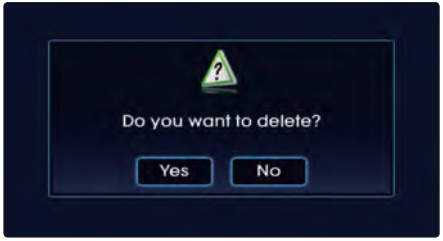
Information displayed in the list include friend's vehicle location and the distance from the current position to your friend's vehicle. Selecting on Route, Distance, or the Date button will sort the list according to the selected category. Press the Delete All button to delete the entire POI list.

3. Friend's vehicle location details are displayed.

4. In the Location Sharing details screen, press Display on Map to display the POI position on the map screen.



5. In the Location Sharing details screen, press Call POI to connect a call to the corresponding telephone number. This feature will not operate if the Bluetooth phone is not connected to the vehicle or if already on a Bluetooth phone call.



6. In the Location Sharing details screen, press Delete to delete the corresponding list.

Car Management Information

Eco Driving

Tracks the customer's driving performance habits (MPG and CO2 emissions) on a continual and historical basis. Results and environmentally responsible driving recommendations are provided on the Owner's Website.

1. In the Blue Link main screen, press the Eco Driving menu.

2. The Eco Driving screen is displayed.

INFORMATION

What is Eco Coach?

Every 2.5 minutes, Eco Coach compares your fuel economy against the government tested average (EPA) or other similar Hyundai models (community), based on your preference. Each month, or after every tank fill up, Eco Coach rates your extended average and gives you a reward star if you best the average.
See your MyHyundai web page for more information.

What does the bar graph and horizontal line mean?

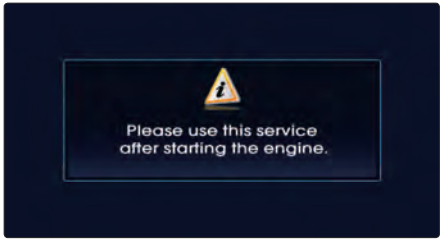
Green bar means you exceeded the average.
Yellow means you met the average or were within 20%.
Brown designates fuel economy more than 20% below the average.
The horizontal line is adjusted once per month or at each tank full, based on your preference; it represents the EPA combined average or community average fuel economy target.

What is My Eco MPG?

Your actual fuel economy average over 2.5 minutes.
This value is also shown in bar graph as your "now" rating.

What are Eco Rewards?

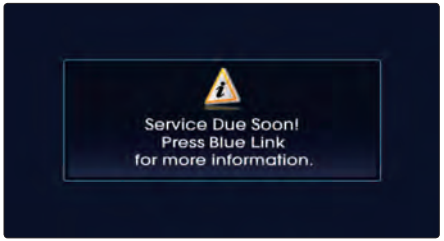
If you beat the average (the EPA or community), you will receive an Eco Reward point.
See your MyHyundai web page for more information.



Eco Driving will not operate if the vehicle ignition is not turned on. Please operate with the ignition turned on.

Maintenance Alert Notification

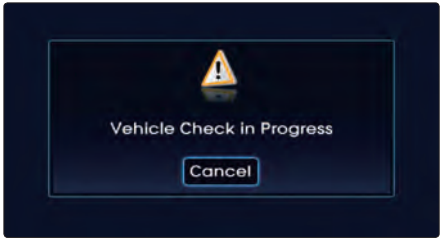
Before 250 miles from Service expiration, message should be shown.

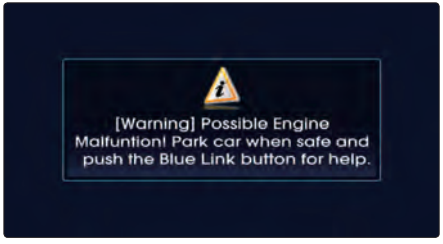


Notifies customers via website, email or SMS message that an upcoming service is due at various thresholds leading up to the event. Configured online, the alerts explain what is included in particular maintenance intervals.

Automated DTC (Diagnostic Trouble Code) Notification

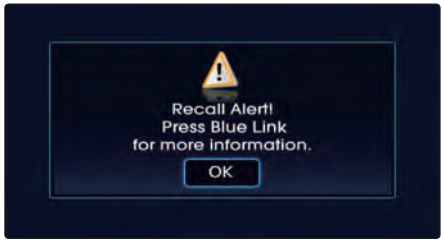
Provides explanation and repair assistance using vehicle data and off-board diagnosis capabilities to better inform the customer of vehicle trouble alerts. A combination of in-vehicle display alerts and what to do next (this information is also sent to the customer's preferred dealer to assist with the repair process).

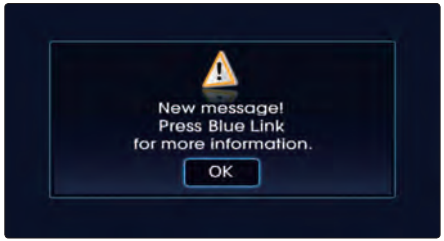




Recall and campaign advisor

Upon receiving a recall or campaign notice, the following pop-up is displayed.

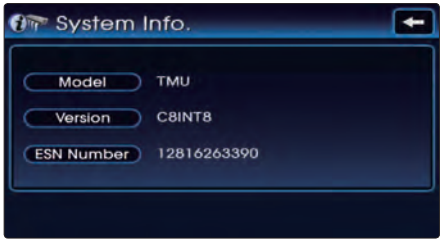




Blue Link System Information

Checking Blue Link System Information

1. In the Blue Link main screen, press the System Info menu.



2. The System Information screen is displayed.

INFORMATION

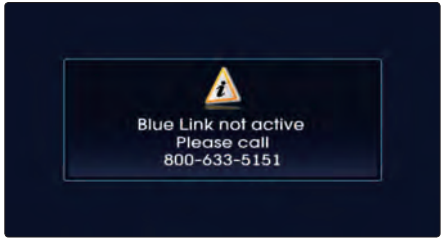
Model : Displays the vehicle Blue Link model name.

Version : Displays the hardware and software version.

ESN Number : Displays the Blue Link System Serial number.

Blue Link Subscription

Service Activation



1. If you have not subscribed to the Blue Link service or Blue Link cannot be connected, the following pop-up is displayed.
   For more information about the Blue Link service, refer to the Blue Link service manual.

MEMO

PART 8
REAR CAMERA

About Rear Detection Camera 8-2

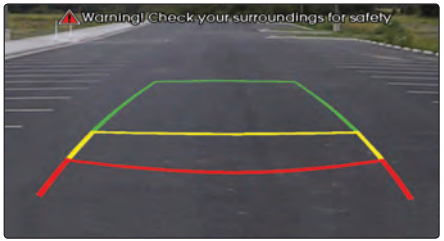
About Rear Detection Camera

- This system has been equipped with a rear camera for user safety by allowing a wider rear range of vision.
- The rear camera will operate automatically when the ignition KEY is turned ON and the transmission lever is set to R. The rear camera will automatically stop operating when set to a different lever.

Operating sequence of the Rear Camera

1·Position the ignition key onto ACC or ON.

2·Position the transmission lever to R.



3·The rear camera mode will be displayed on the screen.

INFORMATION

- The front/rear camera has been equipped with an optical lens to provide a wider range of vision and may appear different from the actual distance. Check the rear and left/right firsthand for user safety.
- The front/rear camera section pertains only to customers who have purchased this optional installation.

PART 9
APPENDIX

Troubleshooting guide 10-2
Before thinking the product has malfunctioned 10-2
Troubleshooting 10-3

Map legend 10-5
Road color 10-5
POI icons 10-5
Landmark icons 10-7

INDEX 10-8

Troubleshooting guide

Before thinking the product has malfunctioned

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

Problem	Function
There are small red, blue, or green dots on the screen	Because the LCD is manufactured with technology requiring high point density, a pixel deficiency or lighting may occur within 0.01% of total pixels.
The sound or image is not working	• Has the Switch for the vehicle been turned to [ACC] or [ON]? • Has the SYSTEM been turned OFF?
The video is being displayed but sound is not working	• Has the volume been set to a low level? • Has the volume been set on mute?
When the power is turned on, the corners of the screen are dark	• The display looking somewhat darker after prolonged periods of use is a normal phenomenon with LCD panels. It is not a malfunction. • If the screen is very dark, contact your nearest HYUNDAI dealer for assistance.
Sound is working from only one speaker	Is the position of FAL/BAL sound controls or volume adjusted to only one side?
Sound and video does not work in AUX mode	Are the audio and video connector jacks fully inserted into the AUX terminal?
The external device is not working	Is the external device connected with a standard connector cable?
The road is missing	Some map data may be missing or incorrect.
The road name is spoken incorrectly	The TTS(Text To Speech) engine speaks the street name based on the phonetic spelling. This will continuously be update with the map database.

Troubleshooting

Problem	Possible Cause	Solution
The power does not turn on.	The fuse is blown.	Replace with a suitable fuse. If the fuse is blown again, please contact your nearest HYUNDAI dealer for assistance.
	Device is not properly connected.	Check to see that the device has been properly connected.
XM only goes through one category	The XM mode is in category.	Press the mode button to change to channel mode.
The CD does not play.	The DISC has not been inserted or has been inserted upside down.	Insert the disc properly so that the sides are facing the correct direction.
	The DISC has been contaminated.	Wipe dirt and other foreign substances from the DISC.
	The vehicle battery is low.	Charge the battery. If the problem persists, please contact your nearest HYUNDAI dealer for assistance.
	A disc which is not supported by the device has been inserted.	Insert a disc which is supported for play by the device.
The video does not work.	The brightness level has been set to the lowest level.	Adjust the brightness to a higher level.
The sound does not work.	The volume level is set the lowest level.	Adjust the volume level.
	The connector is not properly connected.	Check the connection.
	The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.	The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.

Problem	Possible Cause	Solution
The sound or video quality is low.	The DISC is dirty or scratched.	Wipe off water or dirt from the DISC. Do not use a disc which has been scratched.
	Vibration is occurring from the position in which the conversion switch has been installed.	The sound may be short-circuited and the image distorted if the device begins to vibrate. The device will return to normal operation once the vibration has stopped.
	The color and tone quality of the image is low.	Aging of the video display and deterioration in performance may cause certain quality degradations.
The USB does not work.	USB memory is damaged.	Please use after formatting the USB into FAT 12/16/32 format.
	USB memory has been contaminated.	Remove any foreign substances on the contact surface of the USB memory and multimedia terminal.
	A separately purchased USB HUB is being used.	Directly connect the USB memory with the multimedia terminal on the vehicle.
	A USB extension cable is being used.	Use standard USB Memory.
	A HDD type, CF, SD Memory is being used..	Use standard USB Memory.
	There are no music files which can be played.	Only MP3,WMA file formats are supported. Please use only the supported music file formats.
The iPod is not recognized even though it has been connected.	There are no titles which can be played.	Use iTunes to download and save MP3 files into the iPod.
	The iPod firmware version has not been properly updated.	Use iTunes to update the firmware version and reconnect the iPod with the device.
	The iPod device does not recognize downloads.	Reset the iPod and reconnect with the device.

Map legend

Road color

Day Road Type	Color
Freeway	
Arterial	
County	
Collector	
Local	
Unpaved local	
Ferry	

Night Road Type	Color
Freeway	
Arterial	
County	
Collector	
Local	
Unpaved local	
Ferry	

POI icons

No	Category	Sub Category	Icon
1	Restaurants	Representation	
2		Fast Food	
3		American	
4		French	
5		Italian	
6		Continental	
7		Mexican	
8		Japanese	
9		Chinese	
10		Korean	
11		Vegetarian Food	
12		Seafood	
13		Latin American	
14		Asian	
15		African	

No	Category	Sub Category	Icon
16	Restaurants	Coffee Shop	
17		Others	
18	Automotive	Representation	
19		Gas Station	
20		Parking	
21		Auto service	
22		Road Assistance	
23		Hyundai Dealership	
24		Automobile Dealership	
25		Auto Parts	
26		Rest Area	
27		Car Wash	
28		Motorcycle Dealership	
29	Travel	Representation	
30		Airport	

POI icons

No	Category	Sub Category	Icon
31	Travel	Hotel	
32		Tourist Information	
33		Travel Agent	
34		Tourist Attraction	
35		Popular Spot	
36		Rental Car Agency	
37		Campground	
38		Ferry Terminal	
39		Bus Station	
40		Local Transit	
41		Train Station	
42		Shopping	
43	Shopping	Department Store	
44		Convenience Store	
45		Shopping Center	

No	Category	Sub Category	Icon
46	Shopping	Music Store	
47		Grocery Store	
48		Bookstore	
49		Electronics	
50		Hardware Store	
51		Gifts	
52		Sporting Goods	
53		Home Specialty Store	
54		Clothing	
55		Shoe Store	
56	Recreation	Representation	
57		Amusement Park	
58		Museum	
59		Cinema	
60		Sports Activities	

No	Category	Sub Category	Icon
61	Recreation	Sports Complex	
62		Golf Course	
63		Winery	
64		Video & Game Rental	
65		Ski Resort	
66		Recreation Area	
67		Other Recreation	
68	Financial Service	Representation	
69		Bank	
70		ATM	
71		Check Cashing Service	
72		Money Transfer	
73		Business Facility	
74	Community	Representation	
75		Police Station	

POI icons

No	Category	Sub Category	Icon
76	Community	Post Office	
77		Library	
78		Court House	
79		Fire Department	
80		Convention Center	
81		City Hall	
82		Civic Center	
83		School	
84		Government Offices	
85		Waste & Sanitary	
86		Utilities	
87	Service	Representation	
88		Hospital	
89		Dentist	
90		Photography	

No	Category	Sub Category	Icon
91	Service	Tax Service	
92		Medical Service	
93		Attorney	
94		Funeral Director	
95		Hair & Beauty	
96		Cleaning & Laundry	
97		Social Service	
98		Physician	
99		Communication	
100		Tailor & Alteration	
101		Mudanzas	

Landmark icons

No	Category	Sub Category	Icon
1	Service	Airport	
2		Park	
3		Golf	
4		University	

Microsoft® Windows® Automotive Operating System

Important Safety Information

Read and Follow Instructions

Before using your Windows Automotive-based system, read and follow all instructions and safety information provided in this end user manual ("User's Guide"). Not following precautions found in this User's Guide can lead to an accident or other serious consequences.

Keep User's Guide in Vehicle

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

Warning:

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

General Operation

Voice Command Control

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

Prolonged Views of Screen

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

Volume Setting

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

Navigation Features

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

Distraction Hazard

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

Let Your Judgment Prevail

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

Route Safety

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

Potential Map Inaccuracy

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

Emergency Services

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

Use of Speech Recognition Functions

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

MAP DATABASE HOTLINE

M & SOFT AMERICA MAP CENTER

TEL : 888-757-0010

WEBSITE : www.mapnsoft.com

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum 20 cm between the radiator and your body.
This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

IC Warning
This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi,
même si le brouillage est susceptible d'en compromettre le fonctionnement.