

PART 3 NAVIGATION SYSTEM

Setting Q,POI icons

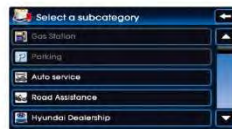
1. Press the **Edit Q,POI** button.



2. Select the desired menu.



3. Select the desired category.



4. Select the desired sub category.



5. Press the **Done** button to complete.

INFORMATION

Q,POI stands for Quick POI and refers to the function which turns POI icon display on or off on the map.

Setting estimate travel time

1. Press the **Travel Time** button.



2. Press the **←** or **→** button on the Residential, Main street, and Freeway controls to adjust the speed.

Press the **Default** button to set the speeds to the default settings.

3. Press the **Done** button to complete the setting.

My places setting

Registering new address in address book

There are 3 ways to register a new address in the address book - (a) by DEST menu, (b) by registering address in address book, (c) from map scroll.

(a) by DEST menu

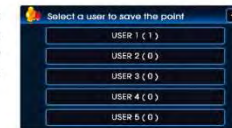
1. Press the **DEST** key.

2. Search through the desired method.

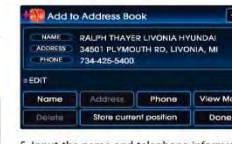
The search process is the same as the method for destination search.
 [Searching a destination], page 3-13.



3. Press the **Add to Address Book** button.



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



5. Input the name and telephone information and press the **Done** button to complete.
 [Editing an address of address book], page 3-45.

(b) by registering in the address book

1. Press the **SETUP** key.

2. Press the **My Places** button.

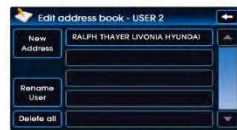


3. Press the **Address Book** button.



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

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5. Press the **New Address** button.



6. Press the **Address** button to search the address.
 [Searching an address], page 3-13.

INFORMATION

Press the **Store current position** button to input the address of the current position.

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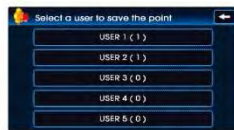
7. Input the name and telephone information and press the **Done** button to complete.
 [Editing an address of address book], page 3-45.

(c) from map scroll

1. In the map screen, scroll the map to the desired position.



2. Press the **Add to Address Book** button.



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

4. Input the name and telephone information and press the **Done** button to complete.
 [Editing an address of address book], page 3-45.

Editing an address of address book

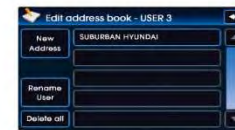
1. Press the **SETUP** key.
2. Press the **My Places** button.



3. Press the **Address Book** button.



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



5. Select the desired address to edit.



6. Press the **Name** button to input the address name.



7. Input the address name and press the **Done** button to complete.



8. Press the **Address** button to search the address. The process is the same as the method for searching an address.
 [Searching an Address], page 3-13.

INFORMATION

Press the **Store current position** button to input the address of the current position.

NAVIGATION SYSTEM 3-45

NAVIGATION SYSTEM

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9. Press the **Phone** button to input the phone number.



10. Input the phone number and press the **Done** button to complete.



11. Press the **Done** button to complete.

Deleting an address of address book

1. Press the **SETUP** key.

2. Press the **My Places** button.



3. Press the **Address Book** button.



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



5. Select the desired address button to delete.



6. Press the **Delete** button.



7. Press the **Yes** button.

Deleting an address book

1. Press the **SETUP** key.

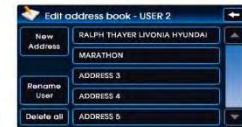
2. Press the **My Places** button.



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.

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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.

i 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.



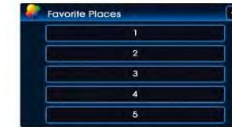
5. Press the **Yes** button.

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.

i 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.](#)

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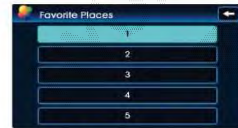
7. Press the Done button to complete.

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"

PART 3 NAVIGATION SYSTEM

Adaptive volume control ON/OFF

- Press the desired setting button.

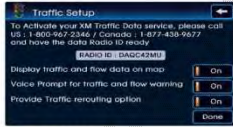
INFORMATION

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 **Map** button on the Map screen.

INFORMATION Traffic Flow INFORMATION

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

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Help

1. Press the **SETUP** key.



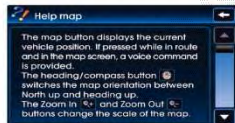
2. Press the **Help** button.



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**

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XM DATA

PART 4 XM DATA

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.

Symbol	Value	Change
AAE	\$20.01	\$20.01 ↑
AAN	\$20.01	\$20.01 ↓
AAZST	\$20.01	\$20.01 ↓
AAZZ	\$20.01	\$20.01 ↑

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.

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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 **Remove** 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.

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.

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.

**PART 5
VOICE COMMAND SYSTEM**

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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 **V** 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.

i INFORMATION

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



2. Once the **V** icon changes into the **V** 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.

i INFORMATION

Press the **V** 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 **V** 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".

i 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 **V** key 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 **V** 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.

i INFORMATION

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

2. Once the **V** icon changes into the **V** 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.

i 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.

VOICE COMMAND SYSTEM

PART 5 VOICE COMMAND SYSTEM

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".

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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 Preset / Auto Store	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.

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Command	Operation
<input type="radio"/> Preset Up	Plays the next preset channel of the current band.
<input type="radio"/> Preset Down	Plays the previous preset channel of the current band.
<input type="radio"/> Scan	Scans all channels within the current band.
<input type="radio"/> Preset Scan	Scans all preset channels within the current band.

CD

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

MP3

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

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USB MP3

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

USB IMAGE

Command	Operation
<input checked="" type="radio"/> USB	If the USB IMAGE has been connected to the device, plays the image files within the USB.
<input type="radio"/> Next file	Moves to the next file.
<input type="radio"/> Previous File	Moves to the previous file.

Command	Operation
<input type="radio"/> Next folder	Moves to the next folder.
<input type="radio"/> Previous folder	Moves to the previous folder.

iPod

Command	Operation
<input checked="" type="radio"/> iPod	Plays the songs within the iPod if the iPod has been connected to the device.
<input type="radio"/> Next song	Plays the next song.
<input type="radio"/> Previous song	Plays the previous song.
<input type="radio"/> Repeat song	Repeats the current playing song.
<input type="radio"/> Random	Plays all songs within the iPod in random order.
<input type="radio"/> Random Album	Plays all songs within the current playing album in random order.
<input type="radio"/> Normal play	Turns off the Repeat and Random functions.

Others

Command	Operation
<input checked="" type="radio"/> Line in	Plays the unit connected with the AUX terminal.
<input checked="" type="radio"/> Audio on	Turns on the Audio/Video.
<input checked="" type="radio"/> Audio off	Turns off the Audio/Video.

PART 5 VOICE COMMAND SYSTEM

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)	
<input type="radio"/> North up	Displays the map in North Up mode.
<input type="radio"/> Heading up	Displays the map in Heading Up mode.
<input type="radio"/> Show <POI name> (ex. Show ATM)	Displays the selected POI categories. [POI Category list] , page 5-17.
<input type="radio"/> Hide <POI name> (ex. Hide ATM)	Hides the selected POI categories. [POI Category list] , page 5-17.
<input type="radio"/> Hide all	Hides all POI categories.
<input type="radio"/> Daylight mode	Converts the map display into daylight mode.
<input type="radio"/> Night mode	Converts the map display into night mode.
<input type="radio"/> Auto mode	Converts the map display is between daylight/night modes automatically.

VOICE COMMAND SYSTEM

PART 5 VOICE COMMAND SYSTEM

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.

VOICE COMMAND SYSTEM

PART 5 VOICE COMMAND SYSTEM

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	

VOICE COMMAND SYSTEM

PART 5 VOICE COMMAND SYSTEM

Command list of Phone

Command	Operation
● Call Name	Makes the call to the name.
● Dial Number	makes the call to 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

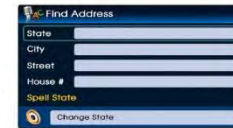
Find address

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.

PART 5 VOICE COMMAND SYSTEM

1 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)

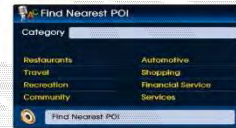


- If there are more than one voice result, then a pick-list which can be selected by the user will be displayed.
- There may be more than one list page. The desired page can be viewed by using commands such as "next page" or "previous page".
- Here, the "Line + number" voice command can be used to select 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.

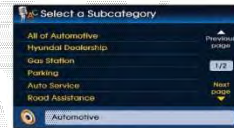
Find nearest POI

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

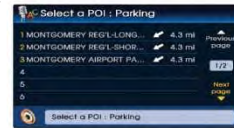
1. Press the **[S]** key on the steering wheel remote controller.
2. Once the **[S]** icon changes into the **[S]** icon on the pop-up screen with a beep sound, say "find nearest POI".



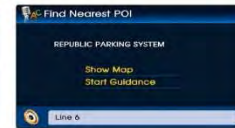
3. Select the desired main category.



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>

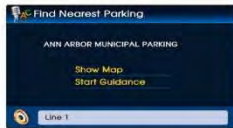
Sets a POI near the current position as the destination by directly inputting the POI name for route guidance.

1. Press the **[S]** key on the steering wheel remote controller.
2. Once the **[S]** icon changes into the **[S]** 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".

PART 5 VOICE COMMAND SYSTEM



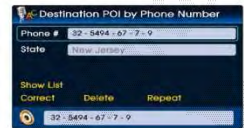
4. Say "Start guidance" if guidance to the selected position is desired, or say "Show map" to verify the location of the selected position on the map.

Destination POI by phone number

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

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

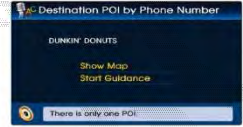
2. Once the **OK** icon changes into the **INFO** icon on the pop-up screen with a beep sound, say "Destination POI by Phone number".



3. Input the 10 numbers for the phone number.

i 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> :

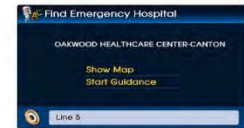
Searches for an emergency facility which is nearby the current position and sets it as the destination for route guidance. Emergency facilities are police stations, hospitals, and dealerships.

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

2. Once the **OK** icon changes into the **INFO** 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.

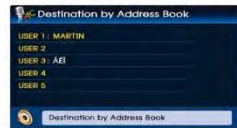
VOICE COMMAND SYSTEM

PART 5 VOICE COMMAND SYSTEM

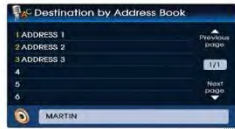
Destination by address book

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

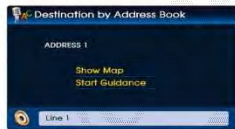
1. Press the key on the steering wheel remote controller.
2. Once the icon changes into the icon on the pop-up screen with a beep sound, say "Destination by address book".



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

**PART 6
BLUETOOTH® HANDSFREE**

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BLUETOOTH® HANDSFREE**

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PART 6 **BLUETOOTH® HANDSFREE**

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.



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.

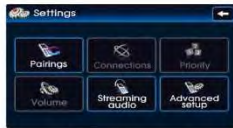
PART 6 BLUETOOTH® HANDSFREE

Pairing and connecting a Bluetooth® 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.

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 SONATA. 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.