

Voice Command

1. Press the  button on the steering wheel remote controller.
2. After the beep sound, say a command.
"USB"

AUX

■ Connecting AUX

Connect the external Audio player as shown in the picture.



■ Playing AUX



Connect an AUX or press the  **CD/AUX** button on the control panel if the AUX is already connected.

INFORMATION

Connect only by using AUX terminals.

Voice Command

1. Press the  button on the steering wheel remote controller.
2. After the beep sound, say a command.
"Line In"

PART 2 AUDIO SYSTEM

■ AUX screen



Audio AUX screen

MEMO

Operating the external devices

PART 3 NAVIGATION SYSTEM

PART 3 NAVIGATION SYSTEM

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PART 3 NAVIGATION SYSTEM

Limitations of the navigation system

GPS signal reception state

- As the GPS satellite frequency is received /transmitted in straight lines, reception may not work if hiding devices are placed on or near the GPS antenna or when traveling through the following locations.



- Tunnels



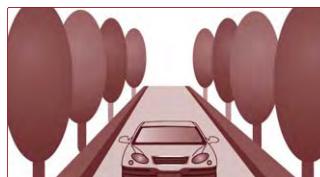
- Basement parking structures



- Underneath an overpass



- Roads within canyons



- Roads within forested areas



- Areas near high rise buildings

Vehicle position display

- If multipass errors occur due to reflections from buildings or related causes, the current position mark on the navigation may differ from the actual position of the vehicle.
- The position of the vehicle on the navigation may be different from the actual position if the vehicle is under the following conditions. If such differences occur, driving for a short period of time will automatically correct the position of the vehicle through map matching or GPS information (several minutes may be necessary in certain cases).
 - When driving on a Y-shaped road with a narrow angle, the current position may be displayed in the opposite direction.
 - If the vehicle is loaded onto a ferry or a car transport vehicle, the current position mark may be stalled on the last position prior to loading.

- When driving on a spiral-shaped road.
- When driving in mountain regions with sharp turns or sudden brakes.
- When entering a road after having been in an underground parking structure, building parking structure, or turntable with many rotations.
- When the tires have recently been replaced (Especially upon use of spare or studless tires)
- If the battery terminal is removed.
- When driving in city streets, the current position may be displayed on the opposite side or on an off-road position.
- When changing the zoom level from the maximum zoom in level to a different zoom level, the current position mark may be displayed on a different road.
- When driving in heavy traffic with frequent go · stops in traffic or intersections.
- When driving under slippery conditions, such as heavy sand, snow, etc.
- When driving with the tire chain in place.
- When using a tire with an incorrect size specification.
- When the tire pressure for the 4 tires are different.
- When the replacement tire is a worn or used tire (Especially studless tires having passed a 2nd seasons, etc.)
- When driving near high-rise buildings
- If a roof carrier has been installed
- When driving under high speeds or having calculated a long-distance route.

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Route Guidance

- Suitable route guidance may not occur caused by search conditions or the driving position.
- Guidance to go straight may be given while driving on a straight road.
- Guidance may not be given even when having turned at an intersection.
- There are certain intersections in which guidance may not occur.
- A route guidance signaling for a U-Turn in a No U-Turn location may occur.
- A route guidance signaling entrance into a no enter zone may occur (No enter zone, road under construction, etc.).
- Guidance may be given to a position removed from the actual destination if roads to reach the actual destination do not exist or are too narrow.

Route Re-calculation

- The following phenomena may occur after conducting route recalculation.
 - Guidance may be given to a position differing from the current position when turning at an intersection.
 - Route Recalculation may take a longer period of time when driving under high speeds.
 - A route guidance signaling for a U-Turn in a No U-Turn location may occur.
 - A route guidance signaling entrance into a no enter zone may occur (No enter zone, road under construction, etc).
 - Guidance may be given to a position removed from the actual destination if roads to reach the actual destination do not exist or are too narrow.
 - Faulty voice guidance may be given if the vehicle breaks from the designated route (ex: if a turn is made at an intersection while the navigation provided guidance to go straight)

Starting navigation system



Press the Navigation mode key ([MAPVOICE], [DEST], [ROUTE], [SETUP]). The Caution screen will always be displayed when first entering into Navigation mode. Read the contents of the caution screen carefully and press the **Agree** button.

Map Functions

Current position map screen (without route)



Press the **MAPVOICE** key on the control panel to display the map of current position and the neighboring area.



- ① GPS signal state indicator : Displays the state of GPS signal reception.
☞ [Viewing GPS signal state], page 3-7.
- ② Map scale level indicator : Displays the current map scale.
☞ [Changing the map scale], page 3-8.
- ③ Landmark icons : Landmark icons are displayed on the map when the map scale level is set to under 300 ft (100m depending on map data)
☞ [Appendix : Landmark icons], page 7-11.
- ④ POI icons : POI icons are displayed on the map when the map scale level is set to under 0.5 mi (800m).
☞ [Appendix : POI icons], page 7-8.
- ⑤ Current vehicle position icon : Displays the current position of the vehicle.

PART 3 NAVIGATION SYSTEM

a North Up / Heading Up switch :

Displays the current map mode and the map mode can be switched between North Up and Heading Up.
Q [Switching map mode], page 3-6.

b POI : Displays or hides the POI icon on the map.

Q [Displaying/Hiding POI icons on the map], page 3-9.

c Map scale : Increases or decreases the map scale.

Q [Changing the map scale], page 3-8.

Switching map mode (North Up / Heading Up)

Each time the compass button is pressed, the screen will switch in the order shown below.

Heading Up → North Up → Heading Up

i INFORMATION

All map screens (map screen after setting destination & whole route display screen) except the current position screen will always be displayed in North Up mode.



• North Up : displays the map always facing the North direction regardless of the direction which the vehicle is traveling.

The vehicle icon is displayed in the center position of the map.



• Heading Up : displays the map always facing the direction which the vehicle is traveling. The vehicle icon is displayed in the lower center position of the map.

Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
"North Up"
"Heading Up"

Viewing GPS signal state

The state of GPS signal reception is displayed as shown below.

- **GPS (active) :**

GPS reception is satisfactory.

- **GPS (inactive) :**

GPS reception is unsatisfactory.

Q [System information and update], page 3-51.

INFORMATION

- **GPS (Global Position System) :** GPS is a system developed and operated by the United States which determines the current location of the user (longitude, latitude, etc.) by generally using 4 or more satellites. This system is used with related GPS information, various sensors, road map data, and other navigation related information.

- GPS information may not operate under the following conditions.

- When buildings, tunnels, or other obstructions block satellite signals.
- When materials are placed above the GPS antenna and block satellite signals.
- When the satellite does not transmit signals (signal transmission is controlled by the satellite control center in the United States and may not transmit when under repair, modification, etc).
- When a digital cellular phone (1.5GHz) is placed near the GPS antenna.

- This system uses GPS information, various sensors, road map data, and other related information to display the current position. Errors may occur if the satellite is transmitting inaccurate signals or if which can only two or less satellite signals can be received.

Errors which occur in such conditions cannot be corrected.

PART 3 NAVIGATION SYSTEM

Changing the map scale

Press the or button. The map scale will be increased or decreased by one level.

INFORMATION

Each time the or button is pressed, the scale bar will be displayed.

The scale can be changed by directly pressing the scale level on the scale bar.

The green color on the scale bar indicates the current scale level while the orange color indicates the selected scale level.

- Press the or button for over 0.8 second. The scale will continuously change.
- If the scale range limit is reached, the or button will be disabled.
- The map scale range is between 1 and 14:
10,240,000 ~ 1 : 5,000.



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

Voice Command

1. Press the  key on the steering wheel remote controller.
2. After the beep sound, say a command.
 "Zoom In"
 "Zoom Out"
 "Zoom Maximum"
 "Zoom Minimum"
 "Zoom level <1 to 14>"
 "Zoom <actual distance>"
 "(ex. Zoom 700ft)"

Displaying / Hiding POI icons on the map

■ Displaying/Hiding Q.POI icons

- ① Press the  button.

Related menu buttons will be displayed at the bottom of the screen.

INFORMATION

The Q.POI icons are set to  - Gas Station,  - Parking,  - Hotel,  - Golf Course,  - Bank,  - Fast Food (6 icons) by default.

This setting can be changed in SETUP.

- ② [Setting Q.POI icons], page 3-42.



- ② Press the icon buttons to display or hide.

To turn off all POI icons displayed on the map, press the  button.

INFORMATION

- The current displayed POI icons are highlighted while the icons not being displayed are shown as normal buttons.
- If there are no POI icons being displayed, the  button will be disabled.
- POI icons are displayed when the scale is under 0.5 mi (800m).

■ Displaying / Hiding icons other than Q.POI icons

- ① Press the  button.

Related menu buttons will be displayed at the bottom of the screen.

- ② Press the  button.

INFORMATION

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

PART 3 NAVIGATION SYSTEM

(a) by category list



③ Press the desired main category button.



④ Select the desired sub category menu to display or hide (Multiple selections are possible).

Press the selected menu again to cancel the selection.

⑤ If the **Show Icon(s)** button is pressed, the selected menus will be displayed or hidden on the map screen.

Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Show <POI name>" (ex. Show ATM)
"Hide <POI name>" (ex. Hide ATM)
"Hide All"

Making a call to POI

After searching a POI, the POI phone number information can be used to make a call to the POI facility.

① Use the various search methods, such as the map scroll function, Q.POI search function, and destination search function to search for a POI.



② Press the button.



③ Bluetooth is used to make a call to the POI facility.



④ Once the call is ended, the map is restored to the current vehicle location.

i INFORMATION

- Making a call is not possible if there is no telephone information for a POI or if there is no mobile phone connected through Bluetooth.
- For more information of mobile phone authentication through Bluetooth or detailed information on conducting search, refer to [Pairing and connecting a Bluetooth phone], page 5-4.

Scrolling map

Press the map area on the map screen. The selected point will be centered on the screen and the scroll mark will be displayed. Information about the marked point and straight line distance from the current position will be displayed at the top of the screen.



i INFORMATION

If a map area on the map screen is pressed, the map will continuously scroll in the corresponding direction until the pressing is released.

PART 3 NAVIGATION SYSTEM

Setting a destination

Destination menu screen and functions



Press the **DEST** key on the control panel to display the destination menu screen.



a Address : Sets the destination through address search.

Q [Searching an Address], page 3-13.

b Previous Dest : Sets the destination through the previous destination list.

Q [Searching a Previous Destination], page 3-17.

c Intersection : Sets the destination through intersection search.

Q [Searching an Intersection], page 3-17.

d POI Search : Sets the destination through POI Category search.

Q [Searching a POI], page 3-20.

e Address Book : Sets the destination through address book search.

Q [Searching from Address book], page 3-24.

f Emergency : Sets the destination through emergency facilities search.

Q [Searching for Emergency facilities], page 3-25.

g HOME : Sets the stored HOME as the destination.

Q [Searching your Home], page 3-25.

h Favorite place **1** ~ **5** :
Sets the destination with one of the stored favorite places.

Q [Searching favorite places], page 3-26.

Searching a Destination

■ Searching an Address

There are 2 ways to set the destination through address search-(a) by street, (b) by city.

① Press the **DEST** key.

② Press the **Address** button.



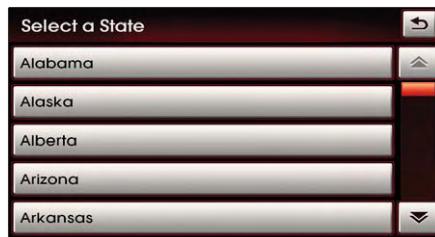
③ Press the **State** button to change the state.



④ Input the State name and press the **List** button.

If the number of matches with the input is less than 4 results, then the state list screen will be displayed automatically.

If the number of matches is only one result, then the state will automatically be changed without having to manually select the state.

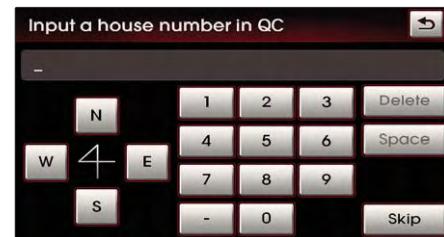


⑤ Select the desired state from the list to change the state.

(a) by street



⑥ Press the **Street** button.



PART 3 NAVIGATION SYSTEM

- ⑦ Input the House number and Press the **Done** button to complete.

If the House number is not recognized, press the **Skip** button.

In this case, the range of house numbers will be displayed during the last step.



- ⑧ Input the Street name and press the **List** button.

If the number of matches with the input is less than 4 results, then the street list screen will be displayed automatically.



- ⑨ If the desired street from the list is selected, the corresponding position will be displayed on the map.

i INFORMATION

If more than 30 cities exist with the selected street, then the city input screen will be displayed. If less than 30 cities exist, then the city selection screen will be displayed.



- ⑩ Input the city name and press the **List** button to complete.

If the number of matches with the input is less than 4 results, then the list screen will be displayed automatically.



- ⑪ Select the desired city from the list.

Select a house number

451-829

901-949

- ⑫ This screen will be displayed if the House number had not been inputted during step ⑪ and more than 2 house numbers ranges exist.

Select the desired House number range.

Input a house number in QC

(1~99) -

N 1 2 3 Delete
W 4 5 6 Space
E 7 8 9
S - 0 Done

- ⑬ This screen will be displayed if the House number had not been inputted during step ⑪ and only one house numbers range exists.

Input the House number and press the **Done** button to complete.

The corresponding position will be displayed on the map.

(b) by city

Search an address by

Street City
in Quebec State

- ⑭ Press the **City** button.

Input a city name in MI

0
A B C D E F G H I J
K L M N O P Q R S T
U V W X Y Z ! & -
ABC ÅÇÈ 0~9 Delete Space List

⑮ Input the city name and press and press the **List** button.

If the number of matches with the input is less than 4 results, then the city list screen will be displayed automatically.

Select a city name in MI

AR 14
ARBELA TWP
ARCADA TWP
ARCADIA
ARCADIA TWP

- ⑯ Select the desired city from the list.

Input a house number in ARCADIA

-
N 1 2 3 Delete
W 4 5 6 Space
E 7 8 9
S - 0 Skip

PART 3 NAVIGATION SYSTEM

- ⑧ Input the house number and press the **Done** button to complete.

If the House number is not recognized, press the **Skip** button.

In this case, the range of house numbers will be displayed during the last step.



- ⑨ Input the Street name and press the **List** button to complete.

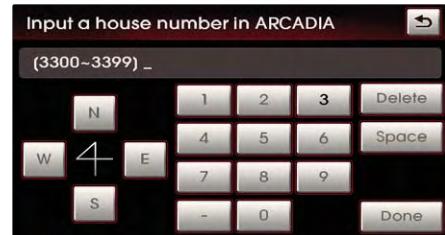
If the number of matches with the input is less than 4 results, then the street list screen will be displayed automatically.



- ⑩ Select the desired street from the list and the corresponding position will be displayed on the map.



- ⑪ This screen will be displayed if the House number had not been inputted during step ⑧ and more than 2 House number ranges exist.
Select the desired House number range.



- ⑫ This screen will be displayed if the House number had not been inputted during step ⑧ and only one House number range exists.

Select the house number range and Press the **Done** button to complete.

The corresponding position will be displayed on the map.

Voice Command

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

2. After the beep sound, say a command.

"Find address"

② [Find address], page 4-19.

■ Searching a Previous Destination

- ① Press the **DEST** key.
- ② Press the **Previous Dest** button.



- ③ Select the desired previous destination.
The corresponding position will be displayed on the map.

Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Previous destination"
 [Previous destination], page 4-24.
- "Previous start point"
 [Previous start point], page 4-25.

■ Searching an Intersection

There are two ways to set the destination through intersection search-(a) by street, (b) by city.

- ① Press the **DEST** key.
- ② Press the **Intersection** button.



- ③ Press the **State** button to change the state.



- ④ Input the state name and press the **List** button. If the number of matches with the input is less than 4 results, then the state list screen will be displayed automatically.

If the number of matches is only one result, then the state will automatically be changed without having to manually select the state.



- ⑤ Select the desired state from the list to change the state.

PART 3 NAVIGATION SYSTEM

(a) by street



⑥ Press the **Street** button.



⑦ Input the name of the 1st street and press the **List** button.

If the number of matches with the input is less than 4 results, then the street list screen will be displayed automatically.



⑧ Select the desired 1st street from the list.



⑨ Input the name of the 2nd street and press the **List** button.

If the number of matches with the input is less than 4 results, then the street list screen will be displayed automatically.



⑩ Select the desired 2nd street menu from the list. The corresponding position will be displayed on the map.



⑪ If the selected 2nd street is within more than 2 cities, then the city list screen will be displayed.

Select the desired city menu from the list. The corresponding position will be displayed on the map.

(b) by city

⑥ Press the **City** button.



⑦ Input the city name and press the **List** button.

If the number of matches with the input is less than 4 results, then the city list screen will be displayed automatically.



⑧ Select the desired city name.



⑨ Input the name of the 1st street and press the **List** button.

If the number of matches with the input is less than 4 results, then the street list screen will be displayed automatically.



⑩ Select the desired 1st street menu from the list.



⑪ Input the name of the 2nd street and press the **List** button.

If the number of matches with the input is less than 4 results, then the street list screen will be displayed automatically.

PART 3 NAVIGATION SYSTEM



- ② Select the desired 2nd street menu from the list.
The corresponding position will be displayed on the map.



- ③ If the selected 2nd street is within more than 2 cities, then the city list screen will be displayed.
Select the desired city menu from the list.
The corresponding position will be displayed on the map.

■ Searching a POI

There are 3 ways to set the destination through POI search - (a) by category, (b) by name, (c) by phone number.

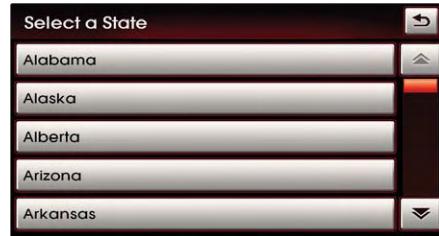
- ① Press the **DEST** key.
② Press the **POI Search** button.



- ③ Press the **State** button.



- ④ Input the state name and press the **List** button. If the number of matches with the input is less than 4 results, then the state list screen will be displayed automatically. If there is only one matching result, then the state will automatically be changed without having to manually select the state.



- ⑤ Select the desired state from the list to change the state.

(a) By category

Searches for facilities nearby the current position or from the city center.



⑥ Press the **Category** button.



⑦ Press the **Near current position** button to search for facilities nearby the current position, or press the **Near city center** button to search for facilities in the near city center.

(a-1) Near current position

Searches for facilities within a 30 mi (45km) radius of the current position.



⑧ Press the desired main category menu.

Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Find nearest POI"
⑨ [Find nearest POI], page 4-20.



⑩ Press the desired sub category menu.



⑪ Select the desired menu button.

The corresponding position will be displayed on the map.

PART 3 NAVIGATION SYSTEM

(a-2) Near city center

Searches for facilities from the city center.



- ⑨ Input the city name and press the **List** button.

If the number of matches with the input is less than 4 results, then the city list screen will be displayed automatically.



- ⑩ Press the desired city menu.



- ⑪ Press the desired main category.



- ⑫ Select the desired menu button.

The corresponding position will be displayed on the map.

i INFORMATION

The distance on each POI item button refers to the distance from the city center.



- ⑬ Press the desired sub category.

(b) By name

⑥ Press the **Name** button.



⑦ Input the name of the POI and press the **List** button.

If the number of matches with the input is less than 4 results, then the facilities list screen will be displayed automatically.



⑧ Select the desired POI menu.

The corresponding position will be displayed on the map.

i INFORMATION

When necessary, the search conditions for the city and category can be changed by pressing the **Advanced** button.



- Changing City

① Press the **City** button.

② Input the city name and press the **List** button.

③ Select the desired city name.

- Changing Category

① Press the **Category** button.

② Select the desired main category menu.

③ Select the desired sub category menu.

(c) By phone number

⑨ Press the **Phone #** button.

PART 3 NAVIGATION SYSTEM



- 7 Input the phone number and Press the **Done** button to complete.

The corresponding position will be displayed on the map.

Voice Command

1. Press the  key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Destination POI by Phone Number"
Q [Destination POI by phone number], page 4-22.

■ Searching from Address book

- 1 Press the **DEST** key.
- 2 Press the **Address book** button.



- 3 Select the desired address book (user) menu.

i INFORMATION

This system provides 5 address books. Each addresses book can hold up to 200 entries.



- 4 Select the desired address name from the list.
The corresponding position will be displayed on the map.
Q [Registering new address in address book], page 3-43.

Voice Command

1. Press the  key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Destination by address book"
Q [Destination by address book], page 4-24.

■ Searching for Emergency facilities

- ① Press the **DEST** key.
- ② Press the **Emergency** button.



- ③ Select the desired facility category.



- ④ Select the desired facility.

The corresponding position will be displayed on the map.

Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Find emergency <Category>"
 [Find emergency <Category>], page 4-23.

■ Searching your Home

- ① Press the **DEST** key.
- ② Press the **HOME** button.
The Home position will be displayed on the map.

INFORMATION

If the Home address is not registered, then the **HOME** button will be displayed.
 [Registering home address], page 3-48.

Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Go home"
 [Go home], page 4-25.

PART 3 NAVIGATION SYSTEM

■ Searching favorite places

- ① Press the **DEST** key.
- ② Select the desired button from **1 ~ 5**.
The corresponding position will be displayed on the map.

INFORMATION

If the address of the Favorite place is not registered, then the **1 ~ 5** buttons without registered addresses will be disabled.
 [Registering favorite place], page 3-49.

Voice Command

1. Press the **Microphone** key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Destination by memory point <1 to 5>"
 [Destination by memory point <1 to 5>], page 4-25.

■ Searching from MAP

Position the scroll mark at the destination by scrolling the map on the map screen.

■ Searching POI by local POI list

- ① Press the **POI ▼** button on the map screen.
- ② Press the **Others** button.



- ③ Press the **Local POI lists** button.



- ④ Select the desired POI menu.
The corresponding position will be displayed on the map.

Voice Command

1. Press the **Microphone** key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Find nearest <POI name>"
 [Find nearest <POI name>], page 4-21.

Operating after searching a destination



■ Changing destination position :

Changes the position of the destination by scrolling the map.

Q [Scrolling map], page 3-11.

■ Setting as Destination / waypoint :

Sets the position as the destination or waypoint.

Voice Command

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

2. After the beep sound, say a command.

"Start guidance"

(Sets the position of the scroll mark as the destination and begins route guidance.)

■ Adding to address book :

Saves the position in the address book.

Q [Registering new address in address book], page 3-43.

Voice Command

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

2. After the beep sound, say a command.

"Store Marked Location to <text tag>"

PART 3 NAVIGATION SYSTEM

Operating after setting a destination



Starting Route Guidance

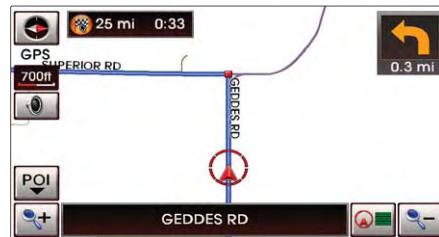
Press the **Start Guidance** button. Route Guidance will start.

- Route simulation
 - If the **Start Guidance** button is pressed and held for over 0.8 second, then the route simulation will start.
 - If the **MAP** key on the control panel is pressed during route simulation, then route simulation will be terminated.

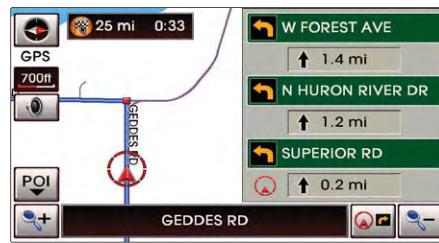
Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Time to destination"
"Distance to destination"

Route guidance screen



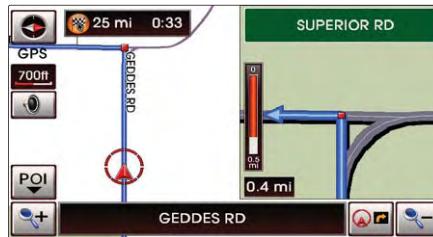
- Symbol guidance mode : If the button is pressed, then the following route guidance screen will be displayed.



- Turn-List mode : If the button is pressed, then the following route guidance screen will be displayed.



- Highway mode : If the button is pressed, then the following route guidance screen will be displayed.



- Intersection zoom mode : This route guidance screen is automatically displayed during guidance at an intersection.
Once guidance at the intersection is complete, the screen will automatically disappear and the previous guidance screen will be restored.



- Highway junction mode : This route guidance screen is automatically displayed during guidance at highway junctions.

Once guidance at a highway junction is complete, this screen will automatically disappear and the previous guidance screen will be restored.

Selecting other route

- Press the Others button.



- Other routes can be selected by pressing the or buttons.

PART 3 NAVIGATION SYSTEM

Route guidance

Route menu screen and functions



Press the **ROUTE** key on the control panel.

The ROUTE menu screen will be displayed.



- a Cancel Route: Deletes destination, waypoints and terminates route guidance.
Q [Finishing route guidance], page 3-30 .
- b Route Overview: Displays the entire route and route detailed.
Q [Route overview], page 3-31 .
- c Route Option: The route option can be changed.
Q [Changing Route option], page 3-32 .
- d Edit Waypoint: Waypoints can be added/deleted and the order can be changed.
Q [Editing waypoints], page 3-32 .
- e Detour: Searches detour routes.
Q [Setting detour distance], page 3-35 .
- f Avoid Streets: Searches routes which avoid the selected streets.
Q [Setting avoid streets on route], page 3-35 .

Finishing route guidance (Delete Destination)

- ① Press the **ROUTE** key.
- ② Press the **Cancel Route** button.



- ③ Press the **Yes** button.
- The destination and waypoints are deleted and the route guidance is terminated.
- Q [Finishing route guidance], page 3-30 .

Voice Command

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

2. After the beep sound, say a command.

"Cancel route"

(Terminates route guidance and deletes the set destination and waypoints.)

Route overview (View Entire Route)

① Press the **ROUTE** key.

② Press the **Route Overview** button.



③ Press the **Turn by turn** button.

INFORMATION

If the **Return to Guidance** button is pressed, route guidance screen is displayed.



④ The detailed route information can be viewed.

PART 3 NAVIGATION SYSTEM

Changing Route option

① Press the **ROUTE** key.

② Press the **Route Option** button.



③ Press the button for the desired route guidance method.

Guidance will be restarted after recalculating the route with the selected guidance method.

Voice Command

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

2. After the beep sound, say a command.

"Replan recommended route"

"Replan shortest route"

"Replan minimize freeway route"

"Replan minimize toll road route"

Editing waypoints

■ Adding waypoints

There are 2 ways to add waypoints - (a) searching for POI nearest to the route, (b) using advanced search.

① Press the **ROUTE** key.

② Press the **Edit Waypoint** button.



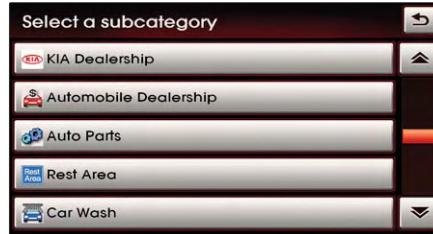
③ Press the **Press to add new waypoint** button.

(a) Searching POI lists near route

④ Press the **Near POI lists on Route** button.



⑤ Select the desired category.

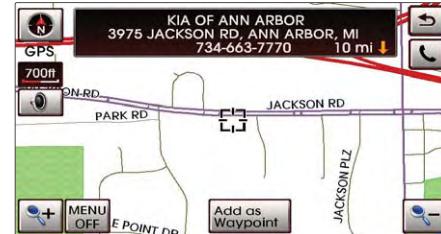


⑥ Select the desired sub category from list.



⑦ Select the desired POI from the list.

The corresponding position will be displayed on the map.



⑧ Press the **Add as Waypoint** button.



⑨ Press the **Done** button to complete.

Guidance will restart after recalculating the route.

PART 3 NAVIGATION SYSTEM

(b) Using advanced Search

The method for searching waypoints through the **Advanced(more)** button is the same method as searching destination.

② [Searching a Destination], page 3-13.



④ Press the **Yes** button.

■ Deleting waypoints

① Press the **ROUTE** key.

② Press the **Edit waypoint** button.



③ Select the waypoint and press the **Delete** button.



⑤ After deleting, press the **Done** button to complete.

Guidance will be restart after recalculating.

■ Re-ordering waypoints

① Press the **ROUTE** key.

② Press the **Edit waypoint** button.



③ Select the desired waypoint and use the **MOVE ▲**, **MOVE ▼** buttons to change the order.

④ Once re-ordering is complete, press the **Done** button to complete.

Guidance will restart after recalculating the route.

Setting detour distance

- ① Press the **ROUTE** key.
- ② Press the **Detour** button.



- ③ Select the desired detour range.
Guidance will restart after recalculating the detour route.

Voice Command

1. Press the key on the steering wheel remote controller.
2. After the beep sound, say a command.
"Detour <1 or 2 or 5 or 10> miles"
"Detour <1 or 2 or 5 or 10> kilometers"

Setting avoid streets on route

- ① Press the **ROUTE** key.
- ② Press the **Avoid streets** button.



- ③ Select the desired streets to avoid(avoid, allow) and press the **Done** button to complete.
Guidance will restarted after recalculating.

PART 3 NAVIGATION SYSTEM

Setup and Information

Setup menu screen and functions



Press the **SETUP** key on the control panel to display the setup menu screen.



a Main button : Changes to the input keyboard type, voice command feedback ON/OFF settings and system initialization can be made.

- b** Traffic Setup button : Sets whether to display traffic information on map, whether to provide upcoming traffic information voice guidance, and whether to display the detour route popup showing upcoming traffic information.
- c** Navigation button : Navigation related settings can be set.

d My Places button : The Address book, Home address, Favorite places, Previous destination can be edited.

- e** System Info button : The system version information can be viewed and system upgrades can be conducted.
- f** Voice Setup button : Adjusts the Navigation guidance volume.

g Help button : The help contents can be viewed. **Q** [Help], page 3-54 .

- h** Display button : Adjusts the display setting. **Q** [Display setting], page 1-12 .

Main setting

① Press the **SETUP** key.

② Press the **Main** button.



③ Select the desired changes and press the **Done** button to complete.

■ Setting keyboard for inputting letter

Press the desired keyboard type button. The selection will be highlighted.

■ Setting voice command feedback

ON/OFF

Press the desired setting button.

■ Setting Language

① Press the **Change** button.



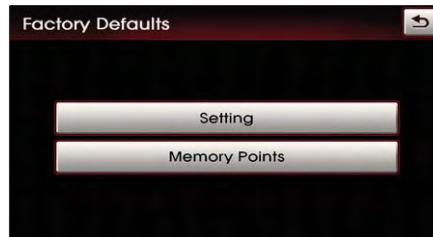
② Press the desired language.



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

■ Initializing system

① Press the **Factory default** button.



② Press the menu desired for initialization.



③ Press the **Yes** button.

PART 3 NAVIGATION SYSTEM

Navigation setting

- ① Press the **SETUP** key.
- ② Press the **Navigation** button.



- ③ Select the desired changes and press the **Done** button to complete.

■ Setting units (mile/ km)

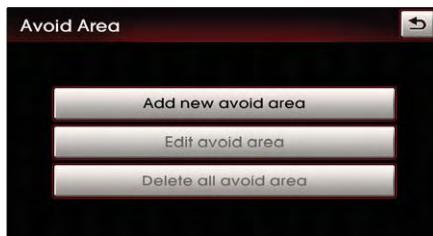
Select the desired distance unit.

■ Setting arrival time and distance display

Select the desired setting button.

■ Registering avoid area

- ① Press the **Avoid Area** button.



- ② Press the **Add new avoid area** button.



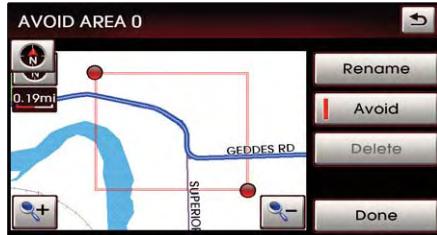
- ③ Set the start position of the avoid area and press the **NEXT** button.



- ④ Set the end position of the avoid area and press the **NEXT** button.



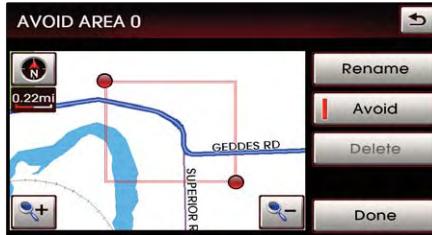
- ⑤ Press the **Done** button to complete.



- ⑥ If the Avoid area needs to be renamed, press the **Rename** button.



- ⑦ Rename the Avoid area and Press the **Done** button to complete.

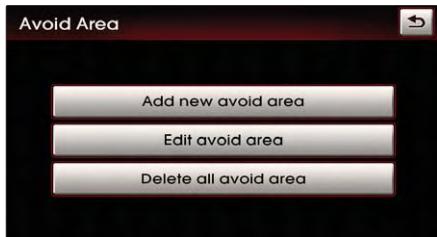


- ⑧ Each time the **Avoid** button is pressed, the function will switch between avoid (■) or allow(□).
- ⑨ Press the **Done** button to complete the setting.

PART 3 NAVIGATION SYSTEM

■ Editing avoid area

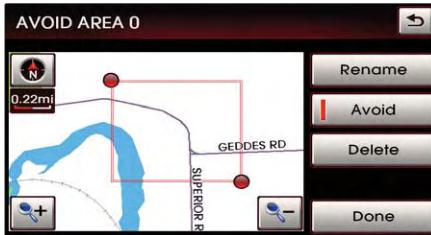
- ① Press the **Avoid Area** button.



- ② Press the **Edit avoid area** button.



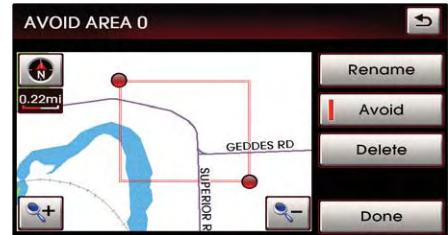
- ③ Select the Avoid area button to edit.



- ④ If the Avoid area needs to be renamed, press the **Rename** button.



- ⑤ Rename the Avoid area and press the **Done** button to complete.

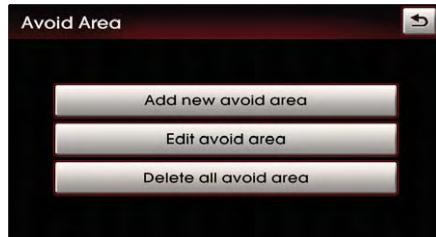


- ⑥ Each time the **Avoid** button is pressed, the function will switch between avoid() or allow().

- ⑦ Press the **Done** button once editing is complete.

■ Deleting avoid area

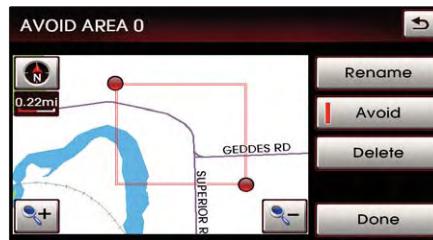
- ① Press the **Avoid area** button.



- ② Press the **Edit avoid area** button.



- ③ Select the **Avoid area** button to delete.



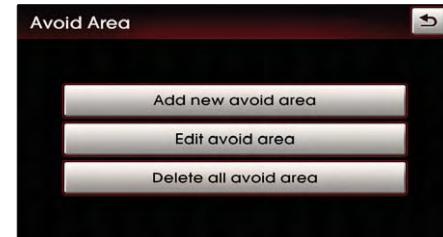
- ④ Press the **Delete** button.



- ⑤ Press the **Yes** button.

■ Deleting all avoid areas

- ① Press the **Avoid area** button.



- ② Press the **Delete all avoid area** button.



- ③ Press the **Yes** button.

PART 3 NAVIGATION SYSTEM

■ Setting Q.POI icons

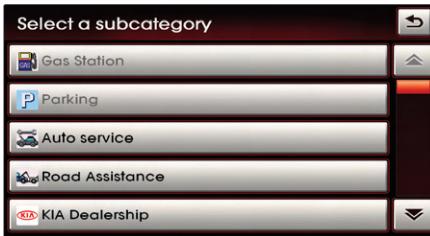
① Press the **Edit Q.POI** button.



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.

③ [Searching a destination], page 3-13.



④ Press the **Add to Address Book** button.



⑤ Press the desired address book (user) button.



⑥ Input the name and telephone information and press the **Done** button to complete.

⑦ [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.

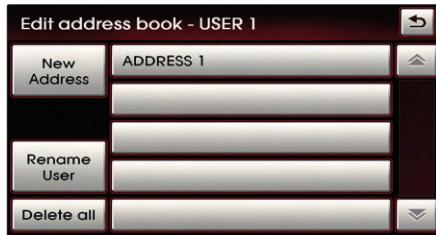


③ Press the **Address book** button.



④ Press the desired address book (user) button.

PART 3 NAVIGATION SYSTEM



⑤ Press the **New Address** button.



⑥ Press the **Address** button to search the address.

✳ [Searching an address], page 3-13.

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.

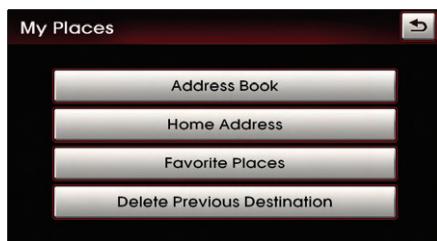
INFORMATION

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

■ Editing an address of address book

① Press the **SETUP** key.

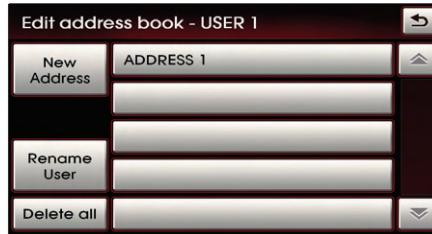
② Press the **My places** button.



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.

PART 3 NAVIGATION SYSTEM

- 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

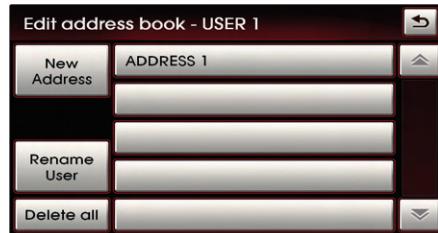
- ① Press the **SETUP** key.
② Press the **My places** button.



- 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.