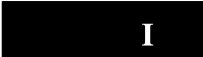


SECTION I



BASIC FUNCTIONS



Descriptions of basic operations in frequent use

Inputting letters and numbers	2
How to move the cursor	3
Destination inputExplains 10 ways to input your destinationExplains 10 ways to input your destination	4
<i>Explains 10 ways to input your destination</i>	
Entering destination	22
Route guidance screen	23
Current position display	25
Voice guidance	26
Typical voice guidance prompts	27
Registration of your home	30
Detour setting	31
Displaying points of interest	33
Turn list	34
Guidance screen	36
Map scale	37
Screen scrolling	38
Orientation of the map	38
Limitations of the navigation system	39
Map database information and updates	42

Inputting letters and numbers

The navigation system operates by switches on the screen and on the bezel. When you touch a switch, a beep sounds. When using the switches on the touch screen, please use only light pressure with your finger to protect the screen from damage. Do not use objects other than your finger to touch the screen.



To type in an address etc., directly touch alphabet keys on the screen. If you touch a wrong letter, delete it using the  switch. Touching the  switch erases one letter.

Touching the "List" switch will change the screen to a display of the database items that match the name or address that you have entered on the screen. The number of matching items is shown to the right side of the screen. If the matching item is more than 9,999, the system displays "****" on the screen.


To input numerals, touch the "0-9" switch and the display will change the screen to number input display.





Touching the "A-Z" switch changes the screen back to the previous name input display.



When a list is displayed, you can scroll or page through the list by using the appropriate switch.

 To shift to the next or previous page.

 To scroll up or down one item at a time.

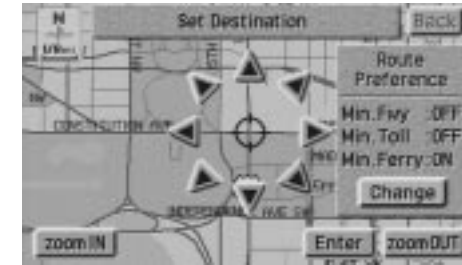
 This expresses a displayed screen position.

Inputting letters and numbers How to Move the Cursor

- ▶ If a ▶ or a ◀ appears to the right or left of the item name, the complete name is too long for the display. Touch the name, and the name will scroll to the end or beginning of the name.
- ◀




1. Touch the "Scroll" switch to move the cursor .



▶ *Position locating screen on the map*

2. When you touch an arrow facing your desired point, the map scrolls in that direction. When you release your finger, scrolling stops.

3. If you touch the "Enter" switch, the position of cursor  is set.



Destination Input

Push the **"DESTINATION"** button on the bezel and the "Destination" screen appears.



The destination screen allows you to select the region of the country to be searched for your destination.

Touch the "Change" switch on the destination screen to display a map of the United States divided into 10 regions.



Touch an area directly to select the search area and the destination screen returns.

Once you choose the region of the country to search, you can use one of 10 different methods to enter your destination.

Address: You can enter the house number, the street address and selected city of your destination. You can find your destination using various methods. See page 6 through 8 for the detailed steps.

1. By Address: You can input the house number and the street address by using the input keys. See page 6 for the detailed steps.

2. By Point of Interest: You can select one of the many points of interest that have been already stored in the system's database. There are 53 categories to choose from including restaurants, banks and automotive places. See page 9 for the detailed steps.

3. By Marked Point: You can register your own favorite destinations as a "Marked Point". The system allows you to store up 100 marked points. See page 15 for the detailed steps.

4. By Previous Destination: You can select a destination from any of the last 10 previously set destinations. See page 16 for the detailed steps.

Destination Input

5. By Home: You can select your own home without entering the address each time. In this case, it is necessary to register your home beforehand. See page 16 for the detailed steps.

6. By Emergency: You can select one of the three points of emergency service points that have been already stored in the system's database. See page 17 for the detailed steps.

7. By Intersection: You can enter the names of two intersecting streets. This is helpful if you do not know the specific street address of your destination but know the general vicinity. See page 18 for the detailed steps.

8. By Freeway Entrance/Exit: You can enter the name of the freeway (interstate) entrance or exit. See page 19 for the detailed steps.

9. By Previous Starting Point: You can enter a point where the system has started to guide last time. See page 21 for the detailed steps.

10. By Map Selection: You can select a destination simply by touching the location on the displayed map. See page 22 for the detailed steps.

INFORMATION

- *When inputting the destination, the response to the switch may be slow.*
- *"Point of Interest" are mainly registered in "Detailed map coverage areas". The registration is made based on the NavTech "Standard POI Inclusion List".*
- *If there is no point registered, switches such as "Marked Point", "Home", "Previous Destination" or "Previous Starting Point" are dimmed and not available.*
- *The route for returning may not be the same as that for going.*
- *The route guidance to the destination may not be the shortest route or a route without traffic congestion.*
- *Route guidance may not be available if there is no road data for the specified location.*

- *When setting the destination, you should use the map on a scale of one half mile or smaller.*
- *To select an "Address", "Point of Interest", "Freeway Entrance/Exit" or "Intersection" in a different region, a search area's change is necessary.*

CAUTION

While you are driving, be sure to follow traffic regulations and keep the road condition in mind. If a traffic sign on the road has been changed, the route guidance may provide wrong information.

Destination Input by ADDRESS

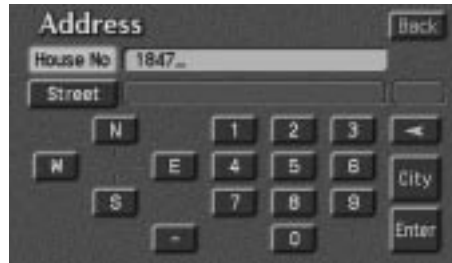


There are 2 ways to input a destination by address.

(a) Inputting a house number and a street name

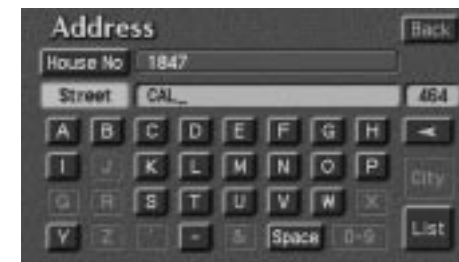
Touch the **"Address"** switch on the destination screen. The **"Address"** screen appears, and then you can input a house number.

Touch letters directly on the screen to input a house number.



After inputting a house number, touch the **"Enter"** switch to display the screen which you can input a street name.

It is possible to input a street name first. Touch the **"Street"** switch to display the screen which you can input a street name.



After each letter is inputted, the system searches the database for street names that match. Alphabet keys are dimmed if the database does not have a match for the next letter in the remaining list of matching street names.

When you input numerals, touch the "0-9" switch to display the screen for numeral input.

Based on your input, the number of matching sites appears at the top right of the screen. After the number decreases to some extent, touch the **"List"** switch to display the street selection list. If the number of matches decreases to 4 or less, the screen changes automatically to the selection list.

Destination Input by ADDRESS



When you find your desired street name, touch of the item. The screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)

If the same address exists in more than one city, the current screen changes to the "City Select" screen. Select or enter your desired city.



If you input a street name first, the screen changes. You can then input the house number.



If the above screen appears, you can select an address range on that screen.

(b) Inputting a city name

The screen for inputting a city name appears if you touch the "City" switch on the "Address" screen on page 6.

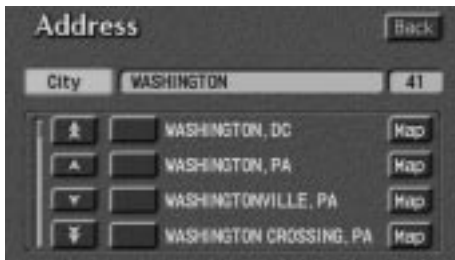


Input a city name using alphabet keys.

After the number decreases to some extent, touch the "List" switch to display the city selection list. If the number of matches decreases to 4 or less, the screen changes automatically to the selection list.



Destination Input by ADDRESS



Touch the of the desired city name. The current screen changes to the screen which is for inputting a house number. Input a house number and a street name. The screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)

Map: If you touch this switch, the screen changes and displays the map location of the selected city and the route preference. (See "Entering Destination" on page 22.)

Destination Input by POINT OF INTEREST

There are 3 ways to select a point of interest location.

(a) Input the name of the point of interest directly.

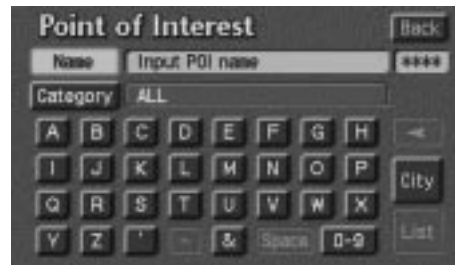
(b) Inputting a city name first.

(c) Selecting from the points of interest categories.

It will not take a long time for you to find your destination if you use a combination of the searching ways of (a), (b) and (c).

(a) Input the name of the point of interest directly

Touch the "Point of Interest" switch on the destination screen.



The "Point of Interest" screen appears, and then you can input the name of the point of interest.

Touch letters directly on the screen to input a name. When you input numerals, touch the "0-9" switch to display the screen for numeral input.

If the number of sites becomes 4 or less, or if you touch the "List" switch at the bottom right of the screen, the screen changes and displays a list of sites.



Touch the of your desired destination. The screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)

If the same name exists in more than one city, you can search it more easily with the "City" and "Category" switch. (See (b) Inputting a city name and (c) Selection from the Points of Interest categories.)



Destination Input by POINT OF INTEREST

(b) Inputting a city name

Touch the "City" switch on the point of interest screen.



Touch alphabet keys directly on the screen to input a city name. When you input numerals, touch the "0-9" switch to display the screen for numeral input.

If the number of sites becomes 4 or less, or if you touch the "List" switch at the bottom right of the screen, the screen changes and displays the selection list. Touch the of the desired city name.

After entering the city name, input the name of the point of interest.

(c) Selection from the Points of Interest categories

Touch the "Category" switch on the point of interest screen.

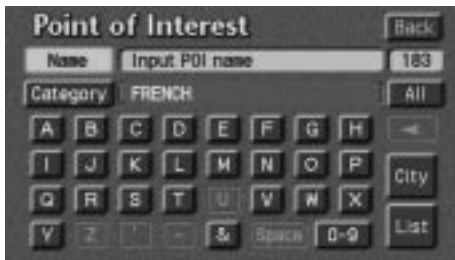


The categories are shown on the screen. When you touch the of your desired category, more detailed categories are shown.



When you touch the of your desired category, the screen changes and displays the menu to input a name.

Destination Input by POINT OF INTEREST



Once you have selected a category, touch letters directly on the screen to input a name. When you input numerals, touch the "0-9" switch to display the screen for numeral input.

If the number of sites becomes 4 or less, or if you touch the "List" switch at the bottom right of the screen, the screen changes and displays a list of sites.



If you do not know the name of the specific point of interest, for example, when you are trying to find the nearest restaurant, touch the "Dist Sort" switch at the bottom of the screen. A listing of all the items in the category is displayed based on the distance from your current location.



When you touch the of your desired item, the screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)



Destination Input by POINT OF INTEREST



Touch the "Info" switch to display the selected destination name, address and telephone number.

INFORMATION

The desired point of interest can be displayed on the map screen. (For details, see page 33.)

LIST OF POINTS OF INTEREST



ALL AUTOMOTIVE



AUTOMOBILE CLUB



AUTO SERVICE & MAINTENANCE



GAS STATION



LEXUS DEALERSHIPS
(all search areas)



PARKING GARAGE/HOUSE



PARKING LOT



TOYOTA DEALERSHIPS
(all search areas)



ALL BANKING



ATM



BANK



ALL COMMUNITY



CITY HALL



CIVIC/COMMUNITY CENTER



























CONVENTION/EXHIBITION CENTER
























COURT HOUSE

Destination Input by POINT OF INTEREST

	HIGHER EDUCATION		GOLF COURSE		WINERY
	HOSPITAL		MARINA		RESTAURANT
	LIBRARY		MUSEUM		AMERICAN
	POLICE STATION		PARK/RECREATION (all search areas)		CHINESE
	SCHOOL		PERFORMING ARTS		CONTINENTAL
	ALL ENTERTAINMENT & ALL RECREATION		SKI RESORT		FRENCH
	AMUSEMENT PARK (all search areas)		SPORTS COMPLEX		ITALIAN
	CASINO		TOURIST ATTRACTION (all search areas)		JAPANESE

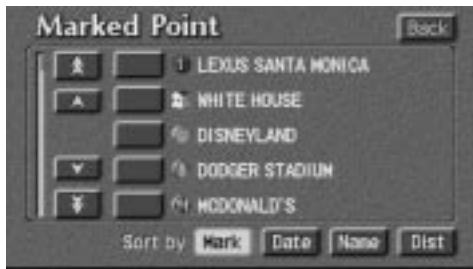
I

Destination Input by POINT OF INTEREST

	MEXICAN		BUS STATION		TOURIST INFORMATION
	SEAFOOD		COMMUTER RAIL STATION		TRAIN STATION
	OTHER		FERRY TERMINAL		ALL OTHER
	ALL SHOPPING		HISTORICAL MONUMENTS		BUSINESS FACILITY
	GROCERY STORE		HOTEL		CITY CENTER/NAMED PLACE
	SHOPPING		PARK AND RIDE		
	ALL TRAVEL		RENTAL CAR AGENCY		
	AIRPORT (all search areas)		REST AREA		

Destination Input by MARKED POINT

Touching the "Marked Point" switch on the destination screen displays your list of registered marked points. See page 50 on registering and editing marked points.



When you touch the of your desired item, the screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)

There are 4 ways to list the marked point by touching switches on bottom of the screen.

Sort by Mark: Touch this switch to list the marked points by the registered icon. There are 16 different normal purpose icons, 5 special purpose icons and 3 sound icons. (For details, see page 52.)

Sort by Date: Touch this switch to list the marked points in order of registered date.

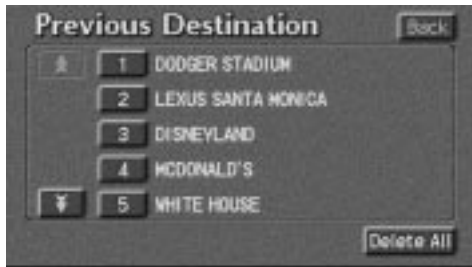
Sort by Name: Touch this switch to list the marked points in alphabetical order.

Sort by Dist: Touch this switch to list the marked points in order of shorter distance from your current location.

While driving, only special purpose icons will be shown on the screen.

Destination Input by PREVIOUS DESTINATION

Touch the **"Previous Destination"** switch on the destination screen.



The screen lists to 10 previously set destinations. During driving, the screen lists 5 previously set destinations.

Select your desired destination. The screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)

You can delete the list of previous destinations while you stop your car, if you no longer need them. However, the system must delete the complete list and does not allow removing single entries.

When you touch the "Delete All" switch, a message appears to confirm your request to delete the list. If you are sure, touch the "YES" switch. If not, touch the "NO" switch.

Destination Input by HOME

Touch the **"Home"** switch on the destination input screen.

The screen changes and displays the map location of your home and route preference. (See "Entering Destination" on page 22.)

The system starts the guidance from your current position to your home immediately after you touch the **"Home"** switch during driving.

If your home is not registered yet, the **"Home"** switch is dimmed.

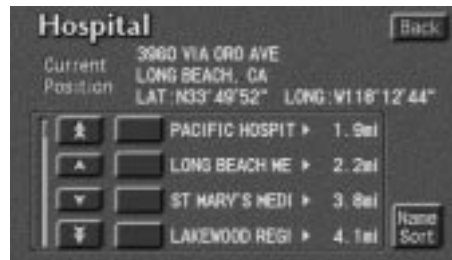
For the steps to register your home, see "Registration of your home" on page 30.

Destination Input by EMERGENCY

By touching the "Emergency" switch on the destination input screen, the display changes to a screen to select police stations, hospitals or dealers. During driving, only nearby police stations, hospitals or dealers are shown. The current position is shown with an address, the latitude and the longitude at the top of the screen.



When you touch your desired emergency category, the selected emergency category list is displayed.



The distance from your current position up to the destination is displayed on the right of the name.

You can see the names of the emergency destinations in alphabetical order by touching the "Name Sort" switch on the screen.

Touch the of your desired item. The screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)

Touch the "Info" switch to display the selected emergency destination name, address and telephone number.

INFORMATION

In an area which has not been registered for route guidance, the navigation does not guide. (See page 42.)

I

Destination Input by INTERSECTION

Touch the "Intersection" switch on the destination screen.

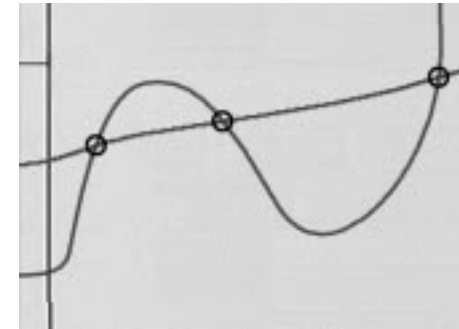


Input the name of the two intersecting streets which are located near the destination to be set.

When you touch the "List" switch or the number of sites becomes 4 or less, the list of matching street names appears.



Touch the of your desired item. After inputting the two intersecting streets, the screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)



If the same two streets cross at more than one intersection, the screen changes and displays the menu to select the city name where the streets intersect. Select the city, and the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)

Destination Input by FREEWAY ENTRANCE or EXIT

To input a freeway entrance or exit, touch the "Fwy Entrance/Exit" switch on the destination input screen.



Be sure to use the complete name of the freeway or highway, including the hyphen, when entering the destination. Freeways and interstates use an "I" (I-405). US highways use the state designation before the number (CA-118).

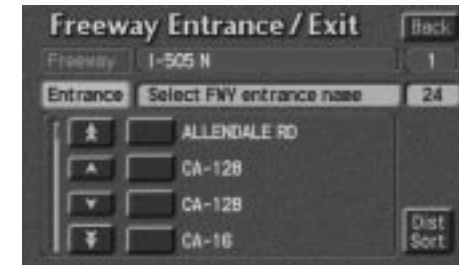
As the number of matching freeways decreases, you can touch the "List" switch to display the list. When the number of sites becomes 4 or less, the list screen appears automatically.



Select the desired freeway by touching the .



You can then select either a freeway "Entrance" or "Exit".



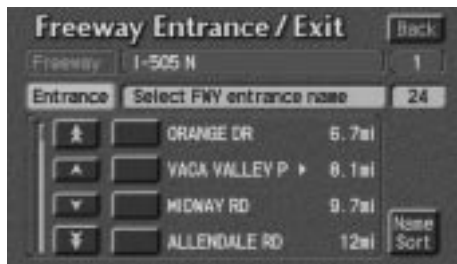
Touch the of the desired entrance or exit name. The screen changes and displays the map location of the selected destination and the route preference. (See "Entering Destination" on page 22.)



Destination Input by FREEWAY ENTRANCE or EXIT

There are 2 ways to list the freeway entrance or exit.

Dist Sort: Touch this switch to list the entrances or exits in order of distance from your current location.



Name Sort: Touch this switch to list the entrances or exits in alphabetical order.

Destination Input by PREVIOUS STARTING POINT

Touch the **"Previous Starting Point"** switch on the destination screen.

The screen changes and displays the map location of the previous starting point and the route preference. (See **"Entering Destination"**.)

If you have not used the navigation yet, the **"Previous Starting Point"** switch is dimmed.

Destination Input by MAP

Touch the **"Map"** switch on the destination screen.




The screen changes and displays the map location of the current position and the route preference. (See "Entering Destination".)

Entering Destination

After you input the destination by one of the ten methods, the screen changes and displays the map location of the selected destination and the route preference.



You can move and set the cursor  at a desired point. (For the method of how to move the cursor, see page 3.)

When you touch the **"Enter"** switch, the system starts searching for a route to your destination using the conditions entered.

Route Preference

Touch the **"Change"** switch to change the conditions which are to determine the route to your destination.

You are given a number of choices on the conditions which the system uses to determine the route to your destination.



Touch the **"On"** switch of **"Minimize Freeway Use"** to search for a route other than freeways as much as possible. (In some cases, the route cannot avoid running on a freeway.)

Touch the **"On"** switch of **"Minimize Toll Road Use"** to search for a route other than toll roads as much as possible.

Touch the **"On"** switch of **"Minimize Ferry Use"** to search for a route without using a ferry as much as possible.

The switches you select are highlighted in green. After choosing conditions, touch the **"Enter"** switch.

Entering Destination



During the route search, "Route Searching" appears at the top of the screen and changes color from the left. When the search is completed, three types of routes are displayed on the screen.



Touch the "Next" switch to choose one from the three routes.

Route 1: A route on which you can reach the destination in the shortest time.

Route 2: A route on which you can reach the destination in the shortest distance.

Route 3: Other route.

After selecting one, you can start the route guidance by touching the "Start" switch or starting to move your vehicle.

If you want to set a way point between the starting point and the destination or change the search condition, touch the "Chg. Route" switch. The screen changes and displays the change route menu. (For details, see page 24.)

When you keep touching the "Start" switch until you hear a beep, Demo Mode will start.

Route Guidance Screen

The route guidance system displays two different screen modes.



Single screen: Only map is shown in a screen mode.



Route Guidance Screen



Split screen: Map and guidance screen are shown in a screen mode. (For detail about Guidance screen, see page 36.)

The two route guidance screens have a number of indicators and switches with which you should be familiar.

Map/Guide: To change two screen modes.

[GPS]: Upon reception of signals from the GPS (Global Positioning System), this mark appears. (For details, see page 39.)

zoom IN / zoom OUT: Magnifies or reduces the map scale. (For details, see page 37.)

POI: Touch this switch, and symbols of points of interest are shown on the screen. (For details, see page 33.)

Mark: Touch this switch for one-touch registration of the marked point. (For details, see page 54.)

INFORMATION

- *The distance up to your destination appears at the left of the screen.*
- *The time to your destination can also be displayed. (For the setting steps, see page 64.)*

Chg. Route: The "Change Route" screen appears and the following settings are available.



Reroute: To change the condition for Reroute.

Detour: To change the condition for Detour. (For details, see page 32.)

Way point: To set and delete a way point. (For details, see page 55.)

Route Preference: To change the conditions of the route preference. (For details, see page 22.)

Cancel Guidance: To stop the route guidance. When you touch this switch, the map screen appears.

Route Guidance Screen

INFORMATION

If the calculated route includes a trip by ferry, the route guidance shows a sea route. After you travel by ferry, the current vehicle position may be incorrect. Upon reception of GPS signals, it is automatically corrected.

Current Position Display



The current vehicle position mark appears in the center of the map screen. You can return to this map screen showing your current position at any time from any screen by pushing the "MAP/VOICE" button on the bezel.

During driving, the current vehicle position mark is fixed in the center of the screen and the map moves.

If you move the map with a "one-touch" scroll (see page 38 for details), the current vehicle position mark continues to track your current location.

INFORMATION

When you use the "one-touch" scroll feature, the current vehicle position mark may disappear from the screen. Move the map with a "one-touch" scroll again or push the "MAP/VOICE" button on the bezel to return to the current vehicle position map location display.

The current position is automatically set as your vehicle receives signals from the GPS (Global Positioning System). If your current position is not correct, it is automatically corrected after your vehicle receives signals from the GPS.

INFORMATION

After the battery disconnection, or on a new vehicle, the current position may not be correct. As soon as the system receives signals from the GPS, the correct current position is displayed.

If you must correct the current position manually, follow the steps on page 61.

Voice Guidance

Voice route guidance to the destination during route guidance. Use voice guidance just for your reference.

You can adjust the volume of the voice or turn off voice guidance.



Push the "MENU" button on the bezel to display the menu screen. Then touch any number at the bottom of the screen to select the desired volume. If you do not need voice guidance, touch the "OFF" switch.

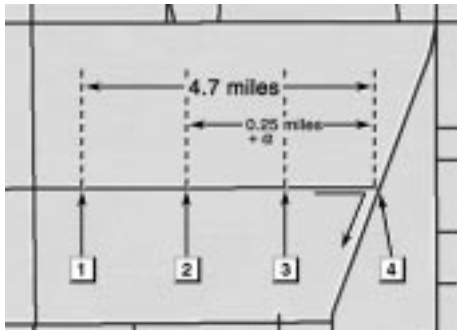
The selected item is highlighted in green.

You can listen to "Voice route guidance" by pushing the "MAP/VOICE" button on the bezel, even if the volume is "OFF".





INFORMATION

During route guidance, the voice guidance continues even if the navigation screen is changed to other screens, such as the audio screen.

Typical Voice Guidance Prompts

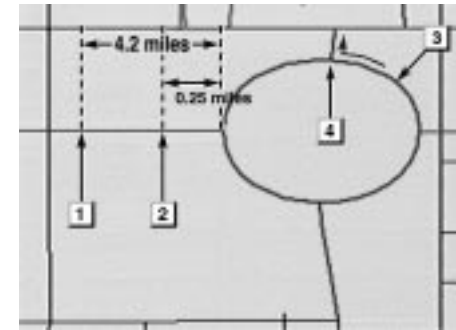






The voice guidance provides various messages as you approach an intersection, or other point where you need to maneuver the vehicle.

- 1  "Proceed about 5 miles to the T-intersection."
- 2  "In a quarter of a mile, right turn at the T-intersection."
- 3  "At the T-intersection, right turn."
- 4  Beep sound only

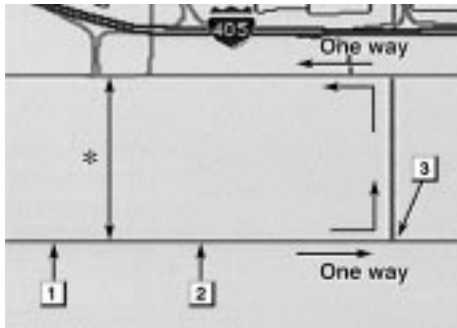
INFORMATION

On freeways, interstates or other highways with higher speed limits, the voice guidance will be made at earlier points than on city streets in order to allow time to maneuver.






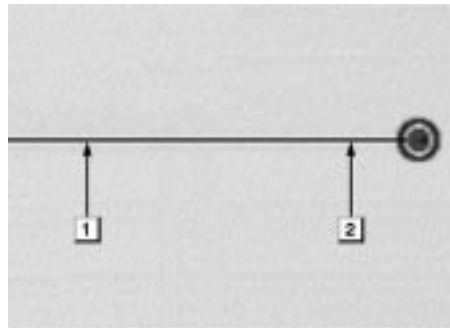
- 1  "Proceed about 4 miles to the traffic circle."
- 2  "In a quarter of a mile, traffic circle ahead, and then right turn 3rd exit ahead."
- 3  "Next exit right."
- 4  Beep sound only.

Typical Voice Guidance Prompts





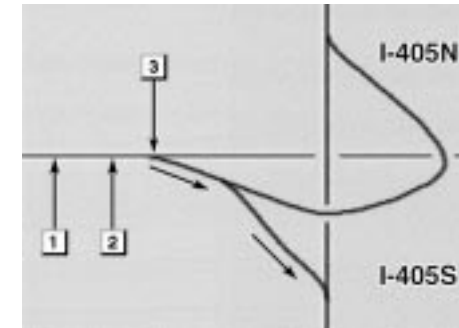
*: The system indicates a U-turn if the distance between two one-way roads (of opposite directions) is less than 15 m (50 ft.) in residential areas or 50 m (164 ft.) in non-residential areas.

- 1  "In half of a mile, make a legal U-turn."
- 2  "Make a legal U-turn."
- 3  Beep sound only.






The system announces your approach to the final destination.

- 1  "Your destination is ahead."
- 2  "You have arrived at your destination. Your route guidance is now finished."



When information is available in the database, the voice guidance provides lane information when entering or exiting a freeway or interstate.

- 1  "In 2 miles, 405 freeway on the right."
- 2  "405 freeway on the right and then keep right onto 405 freeway south."
- 3  Beep sound only.

Typical Voice Guidance Prompts

INFORMATION

- *If the system cannot determine the current vehicle position correctly (in cases of poor GPS signal reception), the voice guidance may be made early or delayed.*
- *If you did not hear the voice guidance command, push the "MAP/VOICE" button on the bezel to hear it again.*

I

Registration of Your Home

If you register your home address beforehand, you can easily set the route back to your home.



1. Push the "MENU" button on the bezel to display the menu screen and touch the "Marked Point" switch.



2. Touch the "Register" switch of Home for registering your home.

If home is already registered, the "Register" switch is dimmed.



You may register the location of your home by three different methods: current position, address or map location. Touch the screen to select your desired method from the menu.

(a) Registering by current position

When you select this method, the current vehicle position is immediately registered as your home. This is the fastest method to use if you are at your house.

(b) Registering by street address

If you are away from your home, you can input your home address.

Input the address of the your home in the same way as any destination input. (See page 6.)

(c) Registering by map

If you are close to your home, you can register the location of your home directly on the map.

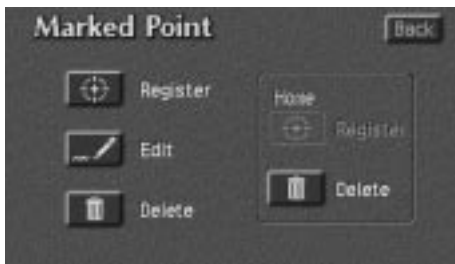
Input your home in the same way as the destination input. (See page 22.)

Registration of Your Home

(d) Deleting the registration of your home



1. Push the "MENU" button on the bezel to display the menu screen and touch the "Marked Point" switch.



2. Touch the "Delete" switch of Home.

The screen changes and displays the map location of home and a message. If you are sure what you want to delete, touch the "YES" switch. If not, touch the "NO" switch.



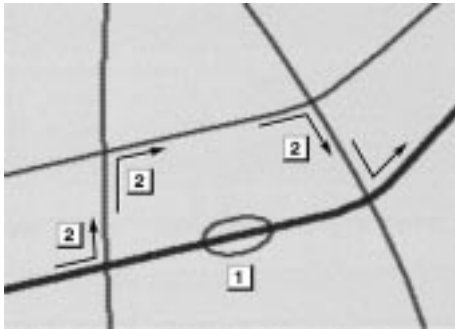
Detour Setting

When you are driving while the route guidance is operating, you can change the route to detour around a section of the route where a delay is caused by road repairs, an accident, etc.



Touch the "Chg. Route" switch if you encounter a reason to divert from the selected route.

Detour Setting



This picture shows an example of how the system would route you around a delay caused by a traffic jam.

- 1 This part indicates the location where traffic jam is occurring due to road repairs or an accident.
- 2 Detour route suggested by the system.



When you touch the "Chg. Route" switch, the screen changes to a change route screen that allows you to select the distance you want to detour. Touch one of the numeral keys to start the detour process. After detouring, the system returns to the original guidance route.

Alternate: If you touch this switch, the system will calculate an entire new route to the destination.

INFORMATION

- *When your vehicle is on a freeway, the detour distance selections are 5, 15, and 25 miles.*
- *The system may not be able to calculate a detour route depending on the selected distance and surrounding road conditions.*

Displaying Points of Interest

Points of interest such as gas stations and restaurants can be displayed on the map screen. You can also set their location as a destination and use them for route guidance.



To display a particular type of point of interest on the screen, touch the "POI" switch on the map screen.



A window with a limited choice of points of interest will be displayed. When you touch your desired type of point of interest, symbols will appear on the map screen indicating where the POI addresses are located.



All List: If you cannot find your desired point of interest in the limited choice screen, touch this switch. The screen then displays the complete "Point of Interest" listing screen.



When you select a point of interest type from either the limited list or the complete list, the screen will display symbols at those locations on the map screen.

Local POI Search: If you want to search the nearest point of interest, touch this switch. Then choose one of the categories. The system will list points within 20 miles.

Touch the of your desired point of interest. Points of interest which you chose are displayed on the map screen.

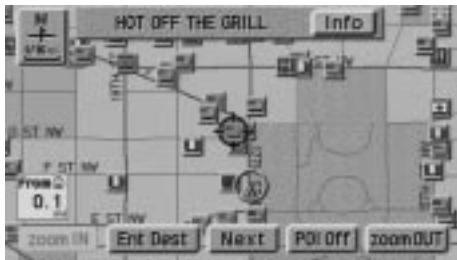
To turn off the symbols of the points of interest on the map screen, touch the "POI Off" switch.




Displaying Points of Interest

Setting a POI as a destination

You can select one of the points of interest symbols on the map screen as a destination and use it for a route guidance.



Directly touch the symbol of the point of interest that you want to set as a destination.

The map will shift so the symbol is centered in the screen and overlaps with the cursor .

The name of the point of interest and the **"Info"** switch are displayed at the top of the screen. When you touch the **"Info"** switch, the information such as the name and address, etc. are displayed. The distance from your current position can be displayed at the bottom left of the screen.

When your desired point of interest overlaps with the cursor, touch the **"Ent Dest"** switch. The screen changes and displays the map location of the selected destination and route preference. (See **"Entering Destination"** on page 22.)

If the symbols of two or more points of interest overlap as they are close to each other in location, touch the **"Next"** switch to bring your desired mark in front of the others.

Turn List

You can change from the map screen to a **"Turn List"** screen that displays the list of the roads up to your destination. This list can be used for a route guidance.

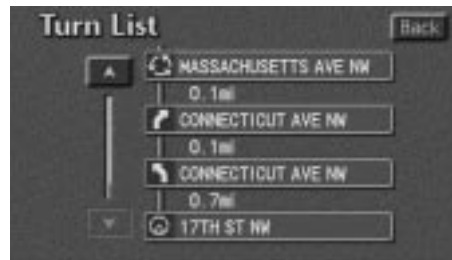




1. Push the **"MENU"** button on the bezel to display the menu screen and touch the **"Route Information"** switch.

Turn List



2. The screen will change to the Entire Route Map screen where you can touch the "Turn List" switch.



You can scroll through the list of roads by touching  . However, not all road names in the route may appear on the list. If a road changes its name without requiring a turn (such as on a street that runs through two or more cities), the name change will not appear on the list. The street name closest to the starting point will be displayed with a mileage to the next turn.



These marks indicate the direction which you should turn at an intersection.

INFORMATION

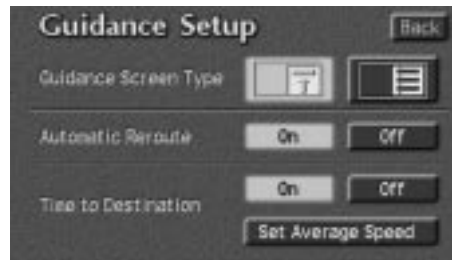
- *The current vehicle position mark appears at the bottom of the screen next to the name of the street you are driving on. The mark does not move.*
- *If you leave the guidance route, the name of the street you are on is not shown on the list next to the current vehicle position mark.*
- *If the road type you are on changes between a highway, a main street or a residential street (at an interchange or fork), it will appear on the turn list.*
- *If a long route has been selected, it may take a long time to display the turn list.*
- *Push the "MAP/VOICE" button on the bezel to return to the map display with route guidance.*

Guidance Screen

You can change half of the screen to the Guidance Screen by touching the "Map/Guide" switch while the map screen is displayed. You can choose one out of two types of Guidance Screen.



1. Push the "MENU" button on the bezel to display the menu screen and touch the "Guidance Setup" switch.



2. The screen will change to the Guidance setup screen and you can select the "Guidance Screen Type".



To display Arrow Screen



To display Turn List Screen

Arrow Screen



This screen shows the current road name and the distance to the next corner.

Guidance Screen

Turn List Screen



The screen shows the Turn List. You cannot scroll through the list of roads.

Map Scale



Touch the **"zoom IN"** switch or the **"zoom OUT"** switch to change the scale of the map display. The scale bar and indicator at the bottom of the screen indicates the map scale menu. The scale runs from 1/16th of a mile to 64 miles. Touch the **"zoom IN"** switch or the **"zoom OUT"** switch until the scale bar changes normally. If you continue to hold your finger on the switch, the scale bar changes smoothly.

You can change the scale of the map display by touching the scale bar directly. It is not available during driving.

The map scale is displayed under the North-up symbol or Heading-up symbol at the top left of the screen.

INFORMATION

When the map scale is at the maximum range of 64 miles, the "zoom OUT" switch is dimmed. When the map scale is at the minimum range of 1/16th mile, the "zoom IN" switch is dimmed.

I

Screen Scrolling



If you wish to look at a different point on the map other than your current vehicle position, you can bring the desired point to the center of the screen by using the scroll feature.

Touch any point on the screen, and that point moves to the center of the screen and is shown by the cursor mark. You can then set this place as a destination. Touch the "Ent Dest" switch on the screen.

If a destination is already registered, you can enter a way point.

If you continue to hold your finger on the screen, the map will continue scrolling in that direction until you lift your finger.

If you touch switches like "Mark", "POI", etc., the screen does not scroll and the respective function operates.

After scrolling the screen, the map remains centered at the selected location until you activate another function. The current vehicle position mark will continue to move along your actual route and may move off the screen. When you push the "MAP/VOICE" button on the bezel, the current vehicle position mark returns to the center of the screen and the map moves as you proceed on your route.

INFORMATION

If you enter a destination using the screen scrolling function, the road nearest to the point you touched is set as the destination. At this time, if the nearest road is over 3 miles from destination point, the system may not be able to calculate a guidance route.

Orientation of the Map



Orientation of the Map

You can change the orientation of the map from North-up to Heading-up by touching the direction symbol at the top left of the screen.



North-up symbol

Regardless of the direction of vehicle travel, North is always up.



Heading-up symbol

The direction of the vehicle travel is always up. A red arrow indicates North.

Limitations of the Navigation System

This navigation system calculates the current vehicle position using satellite signals, various vehicle signals, map data, etc. However, an accurate position may not be shown depending on the satellite condition, road configuration, vehicle condition or other circumstances.

The Global Positioning System (GPS) developed and operated by the U.S. Department of Defense provides an accurate current vehicle position using 3 to 4 satellites. The GPS system has a certain level of inaccuracy built in for security reasons. While the navigation system will compensate for this most of the time, occasional positioning errors up to 300 feet can and should be expected. Generally, position errors will be corrected within a few seconds.



When your vehicle is receiving signals from the satellites, the "GPS" mark appears at the top left of the screen.

The GPS signal may be physically obstructed, leading to inaccurate vehicle position on the map display. Tunnels, tall buildings, trucks, or even the placement of objects on the instrument panel may obstruct the GPS signals.

The installation of window tinting may also obstruct the GPS signals. Most window tinting contains some metallic content that will interfere with the GPS signal reception. Lexus recommends that window tinting should not be used on vehicles equipped with navigation systems.



Limitations of the Navigation System

The GPS satellites may not send signals due to repairs or improvements being made to them.

Even when the navigation system is receiving good GPS signals, the vehicle position may not be shown accurately or inappropriate route guidance may occur in some cases.

(a) Accurate current vehicle position may not be shown in the following cases:

- When driving on a small angled Y-shaped road.
- When driving on a spiral road.
- When driving on a slippery road such as in sand, gravel, snow, etc.
- When driving on a long straight road.
- When freeway and surface streets run in parallel.
- After moving by ferry or vehicle carrier.
- When a long route is searched during high speed driving.
- When driving without setting the current position calibration correctly.
- After repeating a change of directions by going forward and backward, or turning on a turntable in the parking lot.
- When leaving a covered parking lot or parking garage.
- When a roof carrier is installed.
- When driving with the tire chains installed.

- When the tires are worn.
- After replacing a tire or tires.
- When using tires that are smaller or larger than the factory specifications.
- When the tire pressure in any of the four tires is not correct.

INFORMATION

If your vehicle cannot receive GPS signals, you can correct the current position manually. For the information on setting the current position calibration, see page 61.

Limitations of the Navigation System

(b) Inappropriate route guidance may occur in the following cases:

- When turning at a wrong intersection off the designated route guidance.
- If you are heading for a destination without passing through a set way point, automatic rerouting may display a route returning to the set way point.
- When turning at an intersection, there is no route guidance.
- When passing through the intersection, there is no route guidance.
- During automatic rerouting, the route guidance may not be available for the next turn to the right or left.
- It may take a long time to operate automatic rerouting during high speed driving. In automatic rerouting, a detour route may be shown.
- During automatic rerouting, the route may not be changed.
- The route in a U-turn may be shown or announced.
- A location may have multiple names and the system will announce one or more.

- Some routes may not be searched.
- If the route to your destination includes gravel, unpaved roads or alleys, the route guidance may not be shown.
- Your destination point might be shown on the opposite side of the street.
- When a portion of the route has regulations prohibiting the entry of the vehicle that vary by time or season or other reason.
- The road and map data stored in your navigation system may not be complete or may not be the latest release.

When replacing the tire(s), contact your dealer.

This navigation system uses the tire turning data and is designed to work with factory-specified tires for your Lexus. Installing tires that are larger or smaller than the originally equipped diameter may cause inaccurate display of the vehicle's position. The tire pressure also affects the diameter of the tires so please make sure the tire pressure of all four tires is correct.