

## Get Directions for Life

With the Lincoln Navigation System, Lincoln makes life, and traveling, easier.

- Travel, journey – explore – with confidence. You'll always know where you're headed, wherever you go.
- No more reading maps – the system will be able to route you across the continental United States and parts of Canada.
- Need to know where to exit for local attractions? No problem. The system pinpoints millions of points of interest, in 53 different categories, and shows you how to get where you want to go.
- Even in a strange city, you'll feel more secure with directions to everything from police stations to gas stations. You can even use the **voice recognition software** to verbally request the system to route you to some important points of interest.
- When you are looking for entertainment, find restaurants, golf courses, tourist attractions and other venues.
- For convenience, get instant directions to the nearest ATM or bank, or even to hotels, airports and shopping.
- Plan your entire day's route before you travel. The system allows you to select 5 way points to route through to get to your final destination.
- The system even relieves some of the headaches of driving, gives you driving directions that account for important details for the road you're on, including one-ways, turn restrictions, highway dividers, and other navigable attributes.

## Voice Commands

To aid and assist drivers by providing the ability to interact with the navigation & audio system, the vehicle is equipped with voice recognition capability. To engage the voice command system, the VOICE switch located on the steering

wheel must be pressed each time a command is spoken. See owner's guide for a complete list of commands and some are listed below. Speak commands in natural voice after hearing the beep.

### Navigation Related Commands

"Zoom In"

"Zoom Out"

"Maximum Scale"

"Minimum Scale"

"Gas Station"

"Hotel"

"Hospital"

"Police Station"

"Restaurant"

"Home"

"Detour"

### Audio Related Commands

"AM"

"FM1"

"FM2"

"CD"

"Seek Up"

"Seek Down"

"Track Up"

"Track Down"

"Disc Up"

"Disc Down"

"DVD"

(if equipped)

## How does the Lincoln Navigation System work?

The Lincoln Navigation System uses an on-board computer that interacts with the GPS (Global Positioning System) satellites, vehicle sensors and the Map Database to give you the precise location of your vehicle and guide you to your destination.

Vehicle location is gathered by a combination of three navigation calculations: GPS signal, dead-reckoning and map-matching.

The **GPS signal** is obtained through the GPS receiver located on your Lincoln. There are currently 24 earth-orbiting GPS satellites that are constantly transmitting time radio signals. Your Lincoln Navigation System requires a minimum of four satellites at any given time to calculate your vehicle's position. GPS signals may be temporarily lost when traveling in tunnels, mountains or areas with large buildings. The Lincoln Navigation System will continue to function as normal despite the temporary GPS signal loss because of dead-reckoning.

**Dead-reckoning** allows the Lincoln Navigation System to accurately predict the vehicle position despite the degradation or loss of a GPS signal. A speed sensor on the wheels of your Lincoln and an internal gyroscope provide the navigation system with distance and direction data respectively, that is then used to store a highly accurate image of the path your vehicle has traveled. This information, used in conjunction with map-matching, enables the system to provide precise guidance advice despite the temporary loss of a GPS signal.

**Map-matching** is the process of comparing the vehicle's position, heading, distance and speed data produced by the vehicle sensors against the data from the map database, to determine the most likely location of the vehicle relative to the map.

The display menus that prompt you for your destination selection are part of the navigation software. The navigation software is stored in the navigation system and interacts with a map database DVD to guide you through the process of selecting your destination.

## Benefits of a Navigation System

	Navigation System	Paper Map	Internet Mapping Service	Telematics Service Provider
Voice Guided	X			
Turn-by-Turn Directions	X			
Proximity POI	X		X	X
Directory Search	X		X	
Detailed Area Map	X	X	X	
Map Display with Dynamic Vehicle Location	X			
Visual Route Maneuvers List	X		X	
Automatic Trip Updating While On Route	X			
Automatic Rerouting*	X			
Alternate Routing**	X			X
Usage Service Fee				X
Vehicle Location Information	X			X
Storage of Favorite Locations	X		X	
Voice Command Recognition	X			X

\* If you get off your planned route

\*\* In event of construction or congestion

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## Lincoln Navigation System Features

**Address Selection** – Allows you to search and route to a specific address within your map region.

**POI (Point of Interest) Selection** – Allows you to search from and route to a list of restaurants, hotels, banks, and other venues.

**Freeway Entrance/Exit** – Allows you to search and route to a specific entrance/exit on freeways included on your map.

**Route Guidance** – Provides audible and visual guidance instructions for each driving maneuver along the planned route.

**Automatic Rerouting** – Automatically recalculates a new route to your destination if you miss a turn.

**Previous Destination** – Allows you to view, and route to, your last 20 destinations.

**Special Memory Points** – Allows you to save up to five of your most frequently used destinations so that you can calculate a route to those destinations with a touch of a button.

**Location Memory Points** – Allows you to store up to 100 locations/destinations in your system.

**Detour** – Allows you to specify specific detour options that you want your navigation system to take into consideration.

**Touch Screen** – A 6.5" touch screen makes for a simple and self-explanatory menu driven navigation system.

**Route Calibration** – Allows you to specify your general driving habits that are then taken into consideration during the generation of your route.

**DVD System** – Contains all of the United States and the southern parts of Canada on a single DVD.

**Voice Recognition** – Allows you to speak a pre-defined set of voice commands that let you operate certain key features of your navigation system.

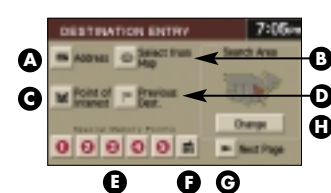
**Way Points** – Allows you to specify up to 5 locations that you can route through to get to your final destination.

**On Route Scrolling** – Allows you to preview your entire route before you drive your route.

**Dual Map Screen** – A split screen map display can show you your vehicle on a map screen as well as a turn-by-turn list with distances between each maneuver simultaneously.

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## Quick System Guide (The Lincoln Navigation System)\*



### Destination Entry

- A** Select a Street Address. Address can be entered in any order of: Street Number, Street Name, or City Name
- B** Select a destination or way point directly from the Map Screen
- C** Select a Point of Interest (ATM, Hotel, Restaurants, Hospitals, etc)
- D** Select from the last 20 destinations or way points
- E** Route to 1 of 5 pre-programmed Special Memory Points at the touch of a button
- F** Route to your HOME at the touch of a button
- G** Go to the 2nd page of the Destination Entry screen where you can select a destination or way point using your address book (up to 100 addresses) or at a Freeway Entrance/Exit
- H** Although the entire US/Canada map is stored on a single DVD, searches outside your current region require you to change your search area



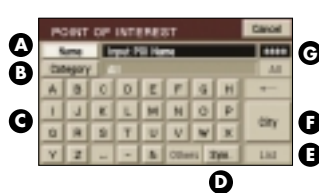
### Map with POI Information (invoked by touching the map screen & a particular desired POI icon)

- A** Displays the main navigation settings menu
- B** Enter cursor location on map as a destination or a way point
- C** Step through the POIs on the map screen
- D** Toggle the POI display On/Off
- E** Display the name, address, and telephone number of the POI



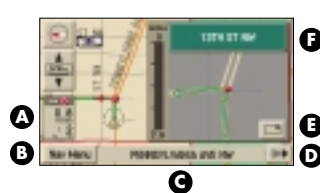
### Address Entry

- A** Enter the House Number using the keyboard
- B** Enter the name of the Street using the keyboard
- C** As you spell the name of the city/street, the next valid characters will be highlighted
- D** Switch to a keyboard that contains symbols for entry in city/street name
- E** List all the entries in the database that match the letters spelled out. This can be used at any time during the process of spelling a city/street name
- F** Enter the name of the City using the keyboard
- G** Displays the number of entries you would see if you pressed LIST. This field gets updated as you keep spelling out the city/street name



### POI Entry

- A** Enter the name of the POI using the keyboard
- B** Toggle through a list of pre-defined POI Categories to narrow your search
- C** As you spell the name of the POI, the next valid characters will be highlighted
- D** Switch to a keyboard that contains symbols for entry in POI name
- E** List all the entries in the database that match the letters spelled out
- F** Enter a city name in which to find your POI
- G** Displays the number of entries you would see if you pressed LIST. This field gets updated as you keep spelling out the POI name



### Guidance Maneuver Map\*

- A** Distance and time to destination
- B** Displays the main navigation settings menu
- C** Display of the current Street name
- D** Manually request voice guidance for next maneuver
- E** Show/hide maneuver map
- F** Name of the next street to turn onto

\* Right half of the screen can be set to arrow guidance mode, as shown above, or turn-by-turn guidance mode.



### Route Selection

- A** Address of the selection
- B** Set the Zoom level of the map
- C** Set the selection as your final destination
- D** Set the selection as a way point (a point you want to go to on the way to your final destination)
- E** Change the route calculation preferences to include/exclude the four routing options

## Map Database Facts

- The Map Data DVD contains road data for all of the continental United States and parts of Canada. This road data includes information such as city names, street names, as well as up to 150 attributes associated with each road segment. Information such as one-way streets, turn restrictions, speed limits, medians, etc., are all included attributes on your Map Data DVD.
- The Map Database is continually updated to provide additional coverage, account for changes in the road network, and account for changes in points of interest. It is recommended that map updates be purchased when available to ensure you have the most current information.

## Voice Guidance Volume Control



Your Lincoln Navigation System provides voice-guided directions to you during the route to your destination. For your convenience, the volume of the voice-guided directions can be controlled. It is recommended that the volume for voice-guidance be manually set to Level 2. From the Map Screen/Guidance Maneuver Map Screen, press the *Navigation Menu* button. Once in the *Navigation Menu* screen, set the volume of voice-guidance to 2 or a level convenient to you. Press return on the upper right hand corner of this screen to return back to the map.

To get more information about the Map Data or to order extra Map Data DVDs contact your local Lincoln dealer or call toll free at **1-866-422-8176**.

\* Consult your owner's guide for full system details.

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Navigation System Quick Start Guide