

■ FUNCTION

1. General

The main functions of the multi display are shown below.

Main Function		Outline
Navigation Screen (See page BE-101)		Through the use of the GPS (Global Positioning System) and map data which is stored on a DVD, the navigation system analyzes the position of the vehicle and indicates that position on the map that is displayed on this screen.
Audio/Video System		Displays the following three operations: • Radio Operation • CD Changer Operation • DVD Changer Operation (Different optional setting)
Air Conditioner		The operation and control of the air conditioner system can be effected through the use of the automatic air conditioner display of the multi display and the touch switch that appears on the display.
Parking Assist Monitor System		Displays the rear view of the vehicle has been captured by the television camera mounted on the luggage compartment door when the shift lever is moved to the reverse position. For details, see page BE-107.
LEXUS Parking Assist-sensor (Different optional setting)		Detects obstacles and displays the information on the multi display to inform the driver. For details, see page BE-124.
Others	Maintenance Information	Can be used to inform the driver of inspection or replacement timing of the following items based on the calendar function and vehicle speed signal. Engine Oil: Replace engine oil Oil Filter: Replace engine oil filter Rotation: Rotate tires Battery: Replace battery Brake Pad: Replace brake linings Wipers: Replace wiper blades LLC: Replace engine coolant Brake Oil: Replace brake fluid ATF: Replace ATF Service: Scheduled maintenance Air Filter: Replace air filter Personal: New information items can be created separately from provided ones.
	Calendar with Memo	It is possible to enter memos for particular dates on the calendar.
	Hands-Free (See page BE-103)	When a Bluetooth-compatible cellular telephone is registered to the multi display, the user can make and receive calls or talk hands-free on the cellular telephone by operating the switches on the screen or the steering pad.
	Speech Command System	Operates the navigation, audio, and air conditioning systems based on voice commands. However, only English and French can be recognized by this function.
	Help Screen	Help screen can see the command list and operation guide on it.
	Screen Adjustment	The brightness or contrast of the screen can be adjusted to suit the brightness of surroundings.

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Main Function		Outline
Others	Screen Setting	The following screen settings are available: Automatic transition: It enables automatic return to the navigation screen from the audio screen or A/C screen. Switch Color: Color of touch-screen button can be selected.
	Beep Setting	Beep sound off.
	Select Language	The language used for the touch-screen buttons, pop-up messages and voice guidance can be changed. English, German, French, Dutch, Italian, Danish, Swedish, Spanish, Portuguese and Norwegian are available.
	Delete Personal Data	The following personal data can be deleted or returned to their default settings: • Maintenance conditions • Maintenance information “off” setting • Memory points • Areas to avoid • Previous points • Route trace • User selection settings • Phonebook data • Dialed numbers and received calls • Speed dial • Bluetooth phone data • Security code
Diagnosis		This contains the following four items: • Service Check Menu • Display Check • Navigation Check • Camera Check • Bluetooth TEL Check

2. Navigation Screen

The navigation ECU calculates the present position, direction of travel, and distance the vehicle has driven based on the following information sources. This information is displayed on the multi display.

- DVD map data
- GPS (Global Positioning System) Satellites
- Built-in Gyro Sensor Vehicle Speed Signal

The functions of the navigation screen display are shown below.

Item		Function
Map Display	Linear Touch Scroll	Enables smooth scrolling by connecting the touch points on the screen.
	On-route Scroll	Scrolls the center of the cursor forward and reverse constantly along the route.
	Heading Up	• Displays the map so that the direction of the route progression heading faces up during route guidance. • Displays a map in the direction of travel of the vehicle in an enlarged form.
	Step-less Scale Display	Changes the scale of the map from the basic 13 steps to an even finer display.
	Direct Scale Change	Directly selects and displays the map scale.
	Multi-step Scale Display	Changes and displays the map scale in 13 stages.
	Split-view Display	Displays different modes on a screen that is split into two views.
	Points-of-Interest Display	Displays selected types of points of interest as marks on the map.
	Taillight-interlocked Map Color Change	Changes the color on the map screen that is displayed when the taillights are turned ON.
	Road Number Sign Board Display	Displays the road number on the map.
	Compass Mode Screen	Displays the direction of travel and detailed data of the present location.
	Map Coverage Information Display	Displays the map area that is recorded on DVD.
	Street Name Indication on Scrolled Map	Displays the street name and the city name even when the map screen is being scrolled.
Destination Search	Last Destination Memory	Stores 20 locations of coordinates, names and times that have been set as destinations in the past.
	Hybrid Points-of-interest Search	Narrows the search by names of the points-of-interest, category, and areas.
	Points-of-interest Pinpoint Display	Pinpoints and displays the position of the point-of-interest.
	House Number Search	Searches for a house number.
	Special Memory Point	Sets a pre-registered point as a destination point while driving.
	Nearest Point-of-interest Search List Display	Searches nearest points-of-interest and displays a list.

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Item		Function
Destination Search	Intersection Search	By specifying two streets, the point at which they intersection is set as the destination point.
	Motorway Entrance or Exit Search	Searches for the destination by the name of the street that connects to a freeway entrance or exit.
	Coordinate Search	Searches for a destination by latitude and longitude.
	Telephone Number Search	Searches for a facility by its telephone number.
	POI, brand icon indication	Displays an icon for point of interest.
Route Search	Multiple Destination Setting	Sets multiple destinations. It can also rearrange the sequence of the destinations.
	Route Search	Searches for multiple routes.
	Search Condition Designation	Searches for the recommended, shortest, and other routes.
	Regulated Road Consideration	Performs search which considers regulated roads.
	Avoidance Area	Searches for a route that avoids a designated area.
Guidance	Destination Direction Arrow Display	Function to display the direction from the current position to the destination in case of being off the route during the guidance.
	Off-Route Arrow Display	Function to display the route ahead on the route guidance line in case of being off the route during the guidance.
	Rotary Guidance	To guide with a special voice phrase in the rotary.
	Lane Guidance	Displays the lane figure in the intersection screen.
	Right or Left Turn Guidance	Voice guidance to instruct the direction of travel to be taken.
	Motorway Direction of Travel Guidance	Voice guidance to instruct the direction of travel to take on the motorway.
	Distance Display Destination	Displays the distance from the present location to the destination.
	Motorway Branch Type Specimen Guidance	Type specimen for guidance to a motorway branch.
	Intersection Zoom-in Display	Zoom-in display when approaching an intersection.
	Estimated Arrival Time Display	Displays estimated arrival time to a user.
	Route Trace Display	Displays route trace.
	Turn List Display	Displays a turn list on the right side of the two-screen display when approaching an intersection.
	Motorway Mode Screen	Displays the distance to the next junction and exit, or POIs in the vicinity of the motorway exit.
Others	Voice Recognition	Recognize pre-programmed system commands voiced by the user to operate the navigation system.
	Help	This function explains a user what operation can be performed when a “?” on the display is pushed.

3. Hands-Free Function (Bluetooth Phone System)

The hands-free function allows the driver to make or receive a call without taking their hands off the steering wheel. This system works by connecting a cellular phone to the multi display.

- This system has the functions listed below. However, for safety, some functions may not be selectable when the vehicle is being driven.

Function		Outline
Enter the Bluetooth phone		In order to use hands-free function of a Bluetooth phone, it is necessary to register it in the multi display. Once a phone is registered, the hands-free function becomes available automatically. Up to four Bluetooth phones can be registered.
Select the Bluetooth phone		When two or more registered Bluetooth phones are in the cabin, it is necessary to select which phone to use to prevent the lines from being crossed. Only selected phone is available for use as a hands-free phone. The phone registered last is automatically selected.
Delete the Bluetooth phone		A registered Bluetooth phone can be unregistered from the multi display.
Call with Bluetooth phone	By dial	The user can call by inputting a telephone number. By phonebook
	By phonebook	The user can call by using the phonebook data that have been transferred from the user’s cellular phone. The user can register up to 1000 numbers in the phonebook.
	By dialed numbers	The user can call by selecting the telephone number of a received call. When a call is received, the system will remember the last five numbers. If more than five calls have been received, the oldest number will no longer be remembered.
	By received calls	The user can call by using received calls. When a call is received, the system memorizes up to five numbers. If it is over than five, the oldest number is deleted.
	By speed dial*	The user can call by using registered telephone numbers that the user selected from the phonebook, dialled numbers or received calls.
	By voice recognition (Dialing by name)	The user can call by giving a name registered in the phonebook.
	By POI (Point of Interest) call	The user can call by operating a switch when “Call” is displayed on the screen from Navigation system.
Receive with Bluetooth phone		When a call is received, the receive screen is displayed with a sound.
Talk on the Bluetooth phone		While user is talking on the phone, the talking screen is displayed.
Change the settings of the Bluetooth phone	Registering the speed dial	The user can register the desired telephone number from the phonebook, dialled numbers or received calls. Up to 17 speed dial numbers can be registered.
	Registering the speed tone	The user can register desired tone numbers. Up to 6 speed tone numbers can be registered.
	Setting the volume	The user can set the volume.
		Automatic volume settings for high speed: The user can set the volume one step up when the speed is over 80 km/h (50 mph).
		Initializing the settings: The user can initialize the settings.

*: The user can operate it while driving.

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Function		Outline
Change the settings of the Bluetooth phone	Setting the screen	Receiving call display: The user can select the method of the receiving call display.
		Auto answer: When a call is received, the display automatically changes to the talking screen and user can start to talk on the phone (without touching any switch) after a preset time.
		The Bluetooth connection status at startup: When the user turns the power source to ACC or IG-ON and the Bluetooth is automatically connected, the connection check is displayed.
		Initializing the settings: The user can initialize the settings.
	Setting the phonebook	Registering phone number: The user can register phone numbers in the phonebook.
		Transferring a telephone number: The user can transfer the telephone numbers from the user's Bluetooth phone to the system. Up to 1000 data (up to 2 numbers per entry) can be registered in the phonebook.
		Registering the phonebook data: The user can register the phonebook data.
		Editing the name: If no name has been inputted, the number is displayed.
		Editing the phone number: The user can register a phone number in "TEL1" and "TEL2" separately. Up to 2 numbers per phonebook entry can be registered.
		Selecting the group: The user can set a group for a contact. It will then be easier for the user to find this contact when needed, by using the grouping display.
		Setting the voice recognition: The user can set the voice recognition. Up to 20 numbers can be registered to allow voice recognition.
		Adding data to the phonebook: The user can add data to the phonebook.
		Editing the data: The user can edit the registered data.
		Deleting the data: The user can delete the data.
		Deleting all the phone data: The user can delete all the phone data.
		Registering a group name: The user can register 20 groups
		Selecting a group icon: The user can select the desired icon.
		Editing a group name: The user can input the name with the software keyboard.
		Deleting a group name: The user can delete the group names individually or all at once.
		Deleting the log data: The user can delete the log data individually or all at once.

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Function		Outline
Change the settings of the Bluetooth phone	Setting the security	By setting the security, the user can prevent people from using some functions of the Hands-free system. It is useful when the user leave their car with a hotel or valet parking or the user doesn't want others to see the data that the user has registered.
		Changing the security code: The security code is 4 digits and the default is "0000". Choose a new code that is hard for other people to guess.
		Phone book lock: The user sets the phonebook lock.
		Initializing the security code: The user can initialize the settings.
Set a Bluetooth phone	Selecting a Bluetooth phone	In case where the user registers more than one Bluetooth phone, their needs to choose a favourite one. The user can select the Bluetooth phone from a maximum of 6 numbers.
	Displaying Bluetooth information	The user can see or set the information of the Bluetooth phone on the system
	Changing a device name	The user can change a device name.
	Changing the Bluetooth settings	The user can change the display and settings of Bluetooth information on the system.
	Initializing the Bluetooth settings	The user can initialise the settings.
	Deleting a Bluetooth phone	The user can delete the selected phone.
	Displaying the information of the Bluetooth phone user delete	The user can display the information of the Bluetooth phone before he/she deletes it and he/she can ensure that the telephone that he/she will delete is correct one.

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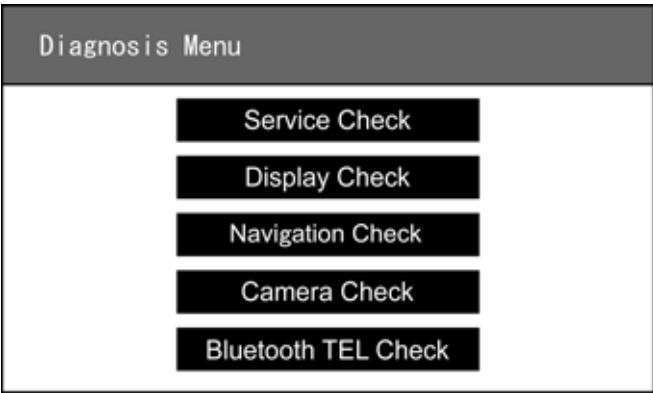
Service Tip**Enter (register) a Bluetooth Phone**

1. Push the "INFO" button to display the "Information Menu" screen.
2. Touch the "Telephone" switch to display "Telephone" screen.
3. Touch the "Settings" switch to display "Settings" screen.
4. Touch the "Bluetooth" switch to display the "Bluetooth Settings" screen.
5. Touch the "Register" switch to connect the cellular phone to the system.
6. Input the Passkey displayed on the screen into the phone.
7. When the connection is completed, a screen is displayed.

For details, see the Navigation System Owner's Manual.

4. Diagnosis Screen Display

The following check menus are included in the diagnosis screen.



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Check Mode	Detail
Service Check Menu	Performs a system check and gathers DTC (Diagnostic Trouble Codes) in memory, and, based on their results, shows the past and present inspection results of the connected devices.
Display Check	Shows a screen for checking a specific portion of the display.
Navigation Check	Shows a screen for checking a specific portion of Navigation ECU.
Camera Check	Shows a screen for checking a specific portion of Television Camera.
Bluetooth TEL Check	Shows a screen for setting the voice quality for a Bluetooth-enabled hands-free phone system.

For details on the procedure required to enter the Diagnosis menu screen, see the LEXUS IS250 Repair Manual (Pub. No. RM0150E).