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About the following equipment, see the "Owner's Manual".

- Air conditioning
- Fuel consumption
- Energy monitor (IS300h)
- Vehicle customization settings

Introduction

NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL

This manual explains the operation of the system. Please read this manual carefully to ensure proper use. Keep this manual in your vehicle at all times.

The screen shots in this document and the actual screens of the system differ depending on whether the functions and/or a contract existed and the map data available at the time of producing this document.

Please be aware that the content of this manual may be different from the system in some cases, such as when the system's software is updated.

NAVIGATION SYSTEM (WITH NAVIGATION FUNCTION)

The Navigation System is one of the most technologically advanced vehicle accessories ever developed. The system receives satellite signals from the Global Positioning System (GPS) operated by the U.S. Department of Defense. Using these signals and other vehicle sensors, the system indicates your present position and assists in locating a desired destination.

The navigation system is designed to select efficient routes from your present starting location to your destination. The system is also designed to direct you to a destination that is unfamiliar to you in an efficient manner. Map database is made based on AISIN AW maps, whose information source comes from HERE maps. The calculated routes may not be the shortest nor the least traffic congested. Your own personal local knowledge or "short cut" may at times be faster than the calculated routes.

The navigation system's database includes Point of Interest categories to allow you to easily select destinations such as restaurants and hotels. If a destination is not in the database, you can enter the street address or a major intersection close to it and the system will guide you there.

The system will provide both a visual map and audio instructions. The audio instructions will announce the distance remaining and the direction to turn when approaching an intersection. These voice instructions will help you keep your eyes on the road and are timed to provide enough time to allow you to maneuver, change lanes or slow down.

Please be aware that all current vehicle navigation systems have certain limitations that may affect their ability to perform properly. The accuracy of the vehicle's position depends on satellite conditions, road configuration, vehicle condition or other circumstances. For more information on the limitations of the system, refer to page 184.

TOYOTA MOTOR CORPORATION

IMPORTANT INFORMATION ABOUT THIS MANUAL

For safety reasons, this manual indicates items requiring particular attention with the following marks.



CAUTION

 This is a warning against anything which may cause injury to people if the warning is ignored. You are informed about what you must or must not do in order to reduce the risk of injury to yourself and others.



NOTICE

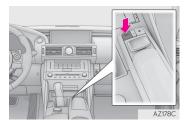
This is a warning against anything which may cause damage to the vehicle or its equipment if the warning is ignored. You are informed about what you must or must not do in order to avoid or reduce the risk of damage to your vehicle and its equipment.

SYMBOLS USED IN ILLUSTRATIONS



Safety symbol

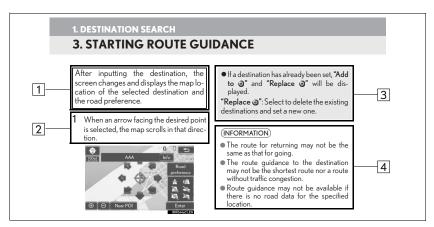
The symbol of a circle with a slash through it means "Do not", "Do not do this" or "Do not let this happen".



Arrows indicating operations

Indicates the action (pushing, turning, etc.) used to operate switches and other devices.

HOW TO READ THIS MANUAL



No.	Name	Description
1	Operational Outlines	An outline of the operation is explained.
2	Main Operations	The steps of an operation are explained.
3	Related Operations	A main operation's supplementary operations are described.
4	Information	Useful information for the user is described.

■INFORMATION FOR HYBRID VEHICLES IS WRITTEN IN BRACKETS NEXT TO THE INFORMATION FOR GASOLINE VEHICLES

Different writing styles for gasoline and hybrid vehicles

► Example

When the $\underline{\text{engine}}^{*1} < \underline{\text{power}}^{*2}$ switch is turned to ACCESSORY or $\underline{\text{IGNITION}}$ $\underline{\text{ON}}^{*1} < \underline{\text{ON}}^{*2}$ mode, the initial screen will be displayed and the system will begin operating.

- *1: Vehicles with gasoline engine
- *2: Vehicles with hybrid system

SAFETY INSTRUCTION (WITH NAVIGATION FUNCTION)

To use this system in the safest possible manner, follow all the safety tips shown below.

This system is intended to assist in reaching the destination and, if used properly, can do so. The driver is solely responsible for the safe operation of your vehicle and the safety of your passengers.

Do not use any feature of this system to the extent it becomes a distraction and prevents safe driving. The first priority while driving should always be the safe operation of the vehicle. While driving, be sure to observe all traffic regulations.

Prior to the actual use of this system, learn how to use it and become thoroughly familiar with it. Read the entire manual to make sure you understand the system. Do not allow other people to use this system until they have read and understood the instructions in this manual.

For your safety, some functions may become inoperable when driving. Unavailable screen buttons are dimmed.

CAUTION

- Exercise extreme caution if operating the system while driving. Insufficient attention to the road, traffic or weather conditions may cause an accident.
- While driving, be sure to obey the traffic regulations and maintain awareness of the road conditions. If a traffic sign on the road has been changed, route guidance may not have the updated information such as the direction of a one way street.

While driving, listen to the voice instructions as much as possible and glance at the screen briefly and only when it is safe. However, do not totally rely on voice guidance. Use it just for reference. If the system cannot determine the current position correctly, there is a possibility of incorrect, late, or non-voice guidance.

The data in the system may occasionally be incomplete. Road conditions, including driving restrictions (no left turns, street closures, etc.) frequently change. Therefore, before following any instructions from the system, look to see whether the instruction can be done safely and legally.

This system cannot warn about such things as the safety of an area, condition of streets, and availability of emergency services. If unsure about the safety of an area, do not drive into it. Under no circumstances is this system a substitute for the driver's personal judgement.

Use this system only in locations where it is legal to do so. Some areas may have laws prohibiting the use of navigation screens next to the driver.

SAFETY INSTRUCTION (WITHOUT NAVIGATION FUNCTION)

To use this system in the safest possible manner, follow all the safety tips shown below.

Do not use any feature of this system to the extent it becomes a distraction and prevents safe driving. The first priority while driving should always be the safe operation of the vehicle. While driving, be sure to observe all traffic regulations.

Prior to the actual use of this system, learn how to use it and become thoroughly familiar with it. Read the entire manual to make sure you understand the system. Do not allow other people to use this system until they have read and understood the instructions in this manual.

For your safety, some functions may become inoperable when driving. Unavailable screen buttons are dimmed.



CAUTION

 Exercise extreme caution if operating the system while driving. Insufficient attention to the road, traffic or weather conditions may cause an accident.

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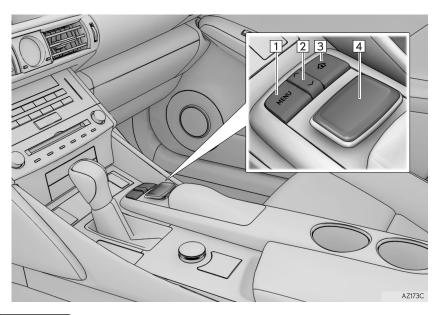


QUICK GUIDE

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1. BASIC FUNCTION

1. Remote Touch



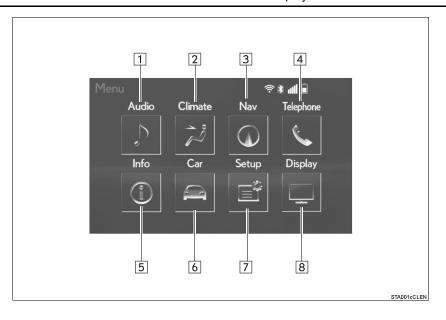
(INFORMATION)

 The above illustration is for a left-hand drive vehicle. The button positions are reversed for right-hand drive vehicles.

No.	Name	Function	Page
1	"MENU" button	Press to display the "Menu" screen.	14
2	"^·V" button	Press to change the scale of the map and to scroll the list screen.	38, 44, 97
3	b utton	Press to display the home screen.	16, 40
4	Remote Touch knob	Move in the desired direction to select a function, letter and screen button. Press to enter the selected function, letter or screen button.	38

2. "Menu" SCREEN

Press the **"MENU"** button on the Remote Touch to display the "Menu" screen.



No.	Function	Page
1	Select to operate the audio/visual system.	192
2	Select to display the air conditioning control screen.	"Owner's Manual"
3*	Select to display the map screen or the navigation menu screen.	92, 94
4	Select to display the telephone top screen.	324
5	Select to display the "Information" screen.	22
6	Select to display the fuel consumption screen.	"Owner's Manual"
7	Select to display the "Setup" screen.	20
8	Select to adjust the contrast and brightness of the screens, turn the screen off, etc.	47

^{*:} With navigation function

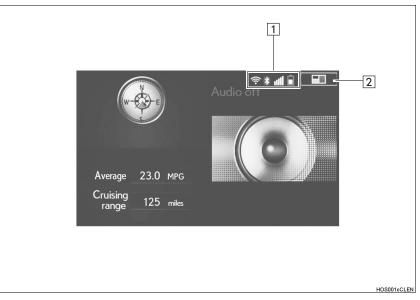
3. HOME SCREEN

Press the **a** button on the Remote Touch to display the home screen.

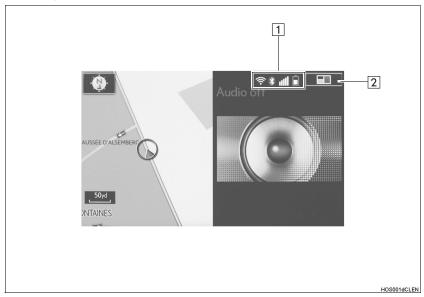
The home screen can display multiple information screens, such as the audio system screen and fuel consumption screen, simultaneously. When a screen is selected, the selected screen is switched to a full-screen display. The home screen can be set to either a three-way split screen or a two-way split screen.

For details about setting the home screen: \rightarrow P.40

► Three-way split screen



► Two-way split screen



No.	Function	Page
1	Displays the condition of the Wi-Fi $^{\circledR}$ and Bluetooth $^{\circledR}$ connection	18
2	Select to change the display items/area and the home screen layout.	40

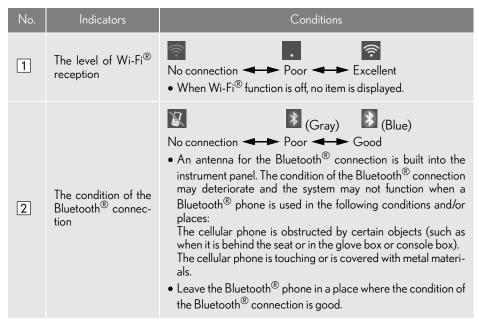
STATUS DISPLAY

The condition of the Wi-Fi $^{\otimes}$ and Bluetooth $^{\otimes}$ connection, as well as the level of reception and the amount of cellular phone battery charge left, are displayed on the status bar. This status bar is always shown on all modes.





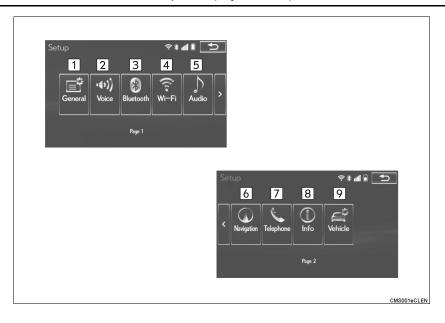
DPD001bCLEN



No.	Indicators	Conditions
3	The level of reception	Poor Excellent The level of reception does not always correspond with the level displayed on the cellular phone. The level of reception may not be displayed depending on the telephone you have. When the cellular phone is out of the service area or in a place inaccessible by radio waves, "No Service" is displayed. "Rm" is displayed when receiving in a roaming area. While roaming, display "Rm" top-left on the icon. The receiving area may not be displayed depending on the type of telephone you have.
4	The amount of bat- tery charge left	Empty Full The amount displayed does not always correspond with the amount displayed on the Bluetooth® device. The amount of battery charge left may not be displayed depending on the type of the Bluetooth® device connected. This system does not have a charging function.

1. "Setup" SCREEN

The items shown on the "Setup" screen can be set. Press the **"MENU"** button on the Remote Touch, then select **"Setup"** to display the "Setup" screen.

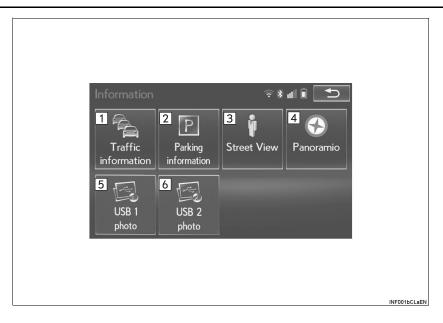


No.	Function	Page
1	Select to change the selected language, operation sound, automatic screen change settings, etc.	75
2	Select to set the voice guidance settings.	83
3	Select to set Bluetooth $^{\circledR}$ phones and Bluetooth $^{\circledR}$ audio devices.	56
4*	Select to set Wi-Fi $^{\circledR}$ connection settings.	69
5	Select to set radio and external media settings.	250
6*	Select to access the page which enables the setting of the average speed, displayed screen contents, POI categories, etc.	170
7	Select to set the telephone sound, contacts, message settings, etc.	347
8*	Select to set traffic information and parking information.	175
9	Select to set vehicle information such as maintenance information.	85

^{*:} With navigation function

2. "Information" SCREEN

This screen can be used to display traffic information, parking lot information, etc. Press the "MENU" button on the Remote Touch, then select "Info" to display the "Information" screen.



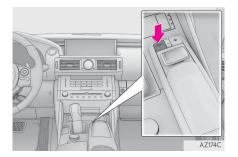
No.	Function	Page
1*1	Using RDS-TMC *2 station based on FM-multiple broadcasting or TPEG *2 information that is received, traffic events near the current position or the cursor position can be viewed as a list.	109
2*1	Using TPEG *2 information that is received, the location and available spaces of a parking lot can be checked. The parking lot can also be set as a destination.	113
3 *1	Select to display a Street View.	385
4 *1	Select to view information on the selected point.	387
5	Select to view pictures in the USB memory connected to USB port 1.	227
6	Select to view pictures in the USB memory connected to USB port 2.	221

^{*1:} With navigation function

^{*&}lt;sup>2</sup>: Can only be used when receiving RDS-TMC or TPEG (Transport Protocol Experts Group) information. Depending on the country or area, receiving RDS-TMC and TPEG information may not be possible.

1. REGISTERING HOME*

Press the "MENU" button on the Remote Touch.



2 Select "Nav".



3 Select "Menu".



4 Select "Destination".



5 Select "Home".



6 Select "Yes".



There are different kinds of methods to search for your home. (→P.116)



8 Select "Enter".

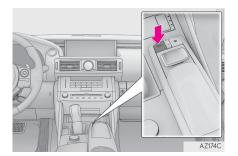


Registration of home is complete.

- ► Registering home in a different way → P.151
- ► Editing the name, location, telephone number and icon → P.152
- ► Setting home as the destination → P.119

2. REGISTERING QUICK ACCESS*

Press the "MENU" button on the Remote Touch.



2 Select "Nav".



3 Select "Menu".



4 Select "Destination".



5 Select one of the quick access screen buttons.



6 Select "Yes".



There are different kinds of methods to search for quick access. (→P.116)



8 Select "Enter".



Registration of quick access is complete.

- ► Registering quick access in a different way
 - →P.153
- ► Editing the name, location, telephone number and icon
 - \rightarrow P.154
- ► Setting quick access as the destination →P.120

3. OPERATION FLOW: GUIDING THE ROUTE*

Press the "MENU" button on the Remote Touch.



2 Select "Nav".



3 Select "Menu".



4 Select "Destination".



There are different kinds of methods to search for a destination. (→P.116)



6 Select "Enter".



7 Select "Start".

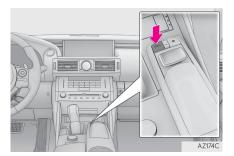


Selecting routes other than the one recommended $(\rightarrow P.133)$

Guidance to the destination is displayed on the screen and can be heard via voice guidance.

4. SETTING HOME AS THE DESTINATION*

Press the "MENU" button on the Remote Touch.



2 Select "Nav".



3 Select "Menu".



4 Select "Destination".



5 Select "Home".



6 Select "Enter".



7 Select "Start".



Selecting routes other than the one recommended (\rightarrow P.133)

Guidance to the destination is displayed on the screen and can be heard via voice guidance.

4. FUNCTION INDEX

1. FUNCTION INDEX

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^{*:} With navigation function

Viewing behind the rear of the vehicle

BASIC FUNCTION

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		3.	VEHICLE SETTINGS	

For vehicles sold outside Europe, some of the functions cannot be operated while driving. *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

2

1. INITIAL SCREEN

When the engine 'power' switch is turned to ACCESSORY or IGNITION ON 'ON' mode, the initial screen will be displayed and the system will begin operating.



 Images shown on the initial screen can be changed to suit individual preferences. (→P.78)

- After a few seconds, the "CAUTION" screen will be displayed.
- After about 5 seconds, the "CAUTION" screen automatically switches to the home screen. (With navigation function: Select

"Show map" or press the button on the Remote Touch to display the home screen.)



CAUTION

 When the vehicle is stopped with the engine running <the hybrid system operating>, always apply the parking brake for safety.

MAINTENANCE INFORMATION*

This system reminds users when to replace certain parts or components and shows dealer information (if registered) on the screen.

When the vehicle reaches a previously set driving distance or date specified for a scheduled maintenance check, the "Information" screen will be displayed when the system is turned on.

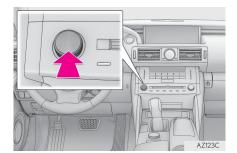


- This screen goes off if the screen is not operated for several seconds.
- To prevent this screen from being displayed again, select "Do not show this info again.".
- To register maintenance information: → P.86

RESTARTING THE SYSTEM

When system response is extremely slow, the system can be restarted.

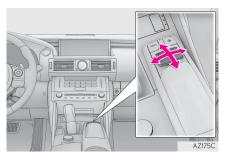
1 Press and hold the Power/Volume knob for 3 seconds or more.



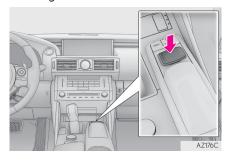
2. HOW TO USE THE Remote Touch

This system can be operated by the Remote Touch when the engine <power> switch is in ACCESSORY or IGNI-TION ON <ON> mode.

1 Use the Remote Touch knob to select the desired button on the screen.



2 To select the button on the screen, press the Remote Touch knob. Once a button has been selected, the screen will change.



- When the pointer moves close to a button, it will be automatically pulled onto that button. The strength of this pull can be adjusted. (→P.75)
- The pointer will disappear from the screen if it is not moved for 6 seconds. Operation of the Remote Touch knob will cause the pointer to reappear.
- "A" and "V" buttons on the Remote Touch can be used to scroll up and down on list screens.

With navigation function: Press the " Λ " button on the Remote Touch to zoom in on the map screen and the " ν " button to zoom out.

- When is displayed on the screen, select to return to the previous screen.
- Press the "MENU" button on the Remote Touch to display the "Menu" screen. (→P.14)
- The home screen can be displayed to by pressing the button on the Remote Touch. (→P.16)



CAUTION

- Do not allow fingers, fingernails or hair to become caught in the Remote Touch as this may cause an injury.
- Be careful when touching the Remote Touch in extreme temperatures as it may become very hot or cold due to the temperature inside the vehicle.



NOTICE

- Do not allow the Remote Touch to come into contact with food, liquid, stickers or lit cigarettes as doing so may cause it to change colour, emit a strange odor or stop functioning.
- Do not subject the Remote Touch to excessive pressure or strong impact as the knob may bend or break off.
- Do not allow coins, contact lenses or other such items to become caught in the Remote Touch as this may cause it to stop functioning.
- Items of clothing may rip if they become caught on the Remote Touch knob.
- If your hand or any object is on the Remote Touch knob when the engine <power> switch is in ACCESSORY mode, the Remote Touch knob may not operate properly.

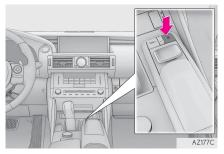
(INFORMATION)

 Under extremely cold conditions, the Remote Touch knob may react slowly.

3. HOME SCREEN OPERATION

The home screen can display multiple information screens, such as the audio system screen and fuel consumption screen, simultaneously.

1 Press the button on the Remote Touch.



2 Check that the home screen is displayed.



• When a screen is selected, the selected screen will change to a full-screen display.

CUSTOMIZING THE HOME SCREEN

The display items/area on the home screen and the home screen layout can be changed.

1 Select .



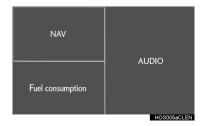
2 Check that "Customize home screen" is displayed.



No.	Function	Page
1	Select to change the display items/area.	41
2	Select to change the home screen layout.	41

■CHANGING THE DISPLAY ITEMS/AREA

- 1 Select the desired item.
- 2 Select the desired area.



(INFORMATION)

 When the selected item is already being displayed and another area is selected for that item, the item that it is replacing will be displayed in the original item's location.

■ CHANGING THE HOME SCREEN LAYOUT

- 1 Select "Change layout".
- 2 Select the desired screen layout.



4. ENTERING LETTERS AND NUMBERS/LIST SCREEN OPERATION

When searching by an address, name, etc., or entering data, letters and numbers can be entered via the screen.

ENTERING LETTERS AND NUMBERS





No.	Function
1	Select to enter desired characters.
2	Select to erase one character. Select and hold to continue erasing characters.
3	Select to change character and keyboard types. (\rightarrow P.43)
4	Select to enter characters in lower case or in upper case.
5	Select to display other symbols.

(INFORMATION)

 Keyboard character is automatically changed with the search area. (→P.119)

CHANGING CHARACTER AND KEYBOARD TYPE

1 Select www.



2 Select the desired character and keyboard and select "OK".



(INFORMATION)

 Depending on the conditions data is being entered, it may not possible to change keyboard characters.

LIST SCREEN

DISPLAYING THE LIST*

The list screen may be displayed after entering characters.

1 Enter characters and select "OK".



- Matching items from the database are listed even if the entered address or name is incomplete.
- The list will be displayed automatically if the maximum number of characters is entered or matching items can be displayed on a single list screen.



(INFORMATION)

 The number of matching items is shown on the right side of the screen. If the number of matching items is more than 999, the system displays "***" on the screen.

■ SELECTING ALLITEMS

Some lists contain "Select all". If "Select all" is selected, it is possible to select all items.

Select "Select all".



"Unselect all": Unselect all items in the list.

LIST SCREEN OPERATION

When a list is displayed, use the appropriate screen button to scroll through the list.



lcon	Function
±	Select to skip to the next or previous page.
¥	Select and hold or to scroll through the displayed list.
I	This indicates the displayed screen's position.
.	If appears to the right of an item name, the complete name is too long to display. Select to scroll to the end of the name.
	Select to move to the beginning of the name.

(INFORMATION)

 The "\n" and "\v" buttons on the Remote Touch can be used to scroll up and down on list screens.

SORTING*

The order of a list displayed on the screen can be sorted in the order of distance from the current location, date, category, etc.

Select "Sort".



2 Select the desired sorting criteria.



CHARACTER JUMP BUTTONS IN LISTS

Some lists contain character screen buttons, "ABC", "DEF" etc., which allow a direct jump to list entries that begin with the same letter as the character screen button.

1 Select the desired character jump buttons.



"1/3": Select to change characters.

(INFORMATION)

 Every time the same character screen button is selected, the list starting with the subsequent character is displayed.

DISPLAYING THE GROUP LIST*

It is possible to display the desired group items in the memory point list.

1 Select "Group list".



 The list of memory points that are registered in the selected group will be displayed.

"All group": Select to close the displayed items, and display all groups.

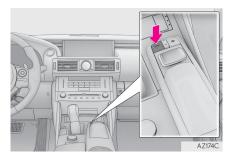
2 Select the desired group.



5. SCREEN ADJUSTMENT

The contrast and brightness of the screen display and the image of the camera display can be adjusted. The screen can also be turned off, and/or changed to either day or night mode. (For information regarding audio/visual screen adjustment: →P.200)

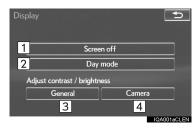
1 Press the "MENU" button on the Remote Touch.



2 Select "Display".



3 Select the items to be set.



No.	Function	Page
1	Select to turn the screen off. To turn it on, press any but- ton on the audio panel or on the Remote Touch.	_
2	Select to turn day mode on/off.	48
3	Select to adjust the screen display.	/1Ω
4	Select to adjust the camera display.	40

(INFORMATION)

 When the screen is viewed through polarized sunglasses, a rainbow pattern may appear on the screen due to optical characteristics of the screen. If this is disturbing, please operate the screen without polarized sunglasses.

CHANGING BETWEEN DAY AND NIGHT MODE

Depending on the position of the headlight switch, the screen changes to day or night mode. This feature is available when the headlight is switched on.

1 Select "Day mode".

(INFORMATION)

 If the screen is set to day mode with the headlight switch turned on, this condition is memorized even with the engine hybrid system> turned off.

ADJUSTING THE CONTRAST/ BRIGHTNESS

The contrast and brightness of the screen can be adjusted according to the brightness of your surroundings.

- 1 Select "General" or "Camera".
- 2 Select the desired item.



 "Display (General)" screen only: Select "<" or ">" to select the desired display.

Screen button	Function
"Contrast" "+"	Select to strengthen the contrast of the screen.
"Contrast" "-"	Select to weaken the contrast of the screen.
"Brightness" "+"	Select to brighten the screen.
"Brightness" "-"	Select to darken the screen.

6. LINKING MULTI-INFORMATION DISPLAY AND THE SYSTEM

The following functions of the system are linked with the multi-information display in the instrument cluster:

- Navigation*
- Audio
- Telephone

etc.

These functions can be operated using multi-information display control switches on the steering wheel. For details, refer to "Owner's Manual".

^{*:} With navigation function

1. REGISTERING/CONNECTING Bluetooth® DEVICE

REGISTERING A Bluetooth[®] PHONE FOR THE FIRST TIME

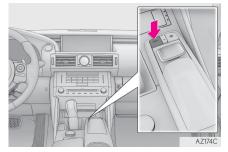
To use the hands-free system, it is necessary to register a Bluetooth $^{\circledR}$ phone with the system.

Once the telephone has been registered, it is possible to use the hands-free system.

This operation cannot be performed while driving.

For details about registering a Bluetooth[®] device: →P.58

- 1 Turn the Bluetooth[®] connection setting of your cellular phone on.
- This function is not available when Bluetooth[®] connection setting of your cellular phone is set to off.
- 2 Press the "MENU" button on the Remote Touch.



3 Select "Telephone".



Operations up to this point can also be performed by pressing the switch on the steering wheel.

4 Select "Yes" to register a telephone.

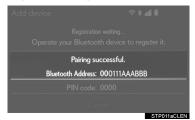


5 When this screen is displayed, search for the device name displayed on this screen on the screen of your Bluetooth® device.



- For details about operating the Bluetooth® device, see the manual that comes with it.
- To cancel the registration, select "Cancel".

- **6** Register the Bluetooth[®] device using your Bluetooth[®] device.
- A PIN code is not required for SSP (Secure Simple Pairing) compatible Bluetooth[®] devices. Depending on the type of Bluetooth[®] device being connected, a message confirming registration may be displayed on the Bluetooth[®] device's screen. Respond and operate the Bluetooth[®] device according to the confirmation message.
- 7 Check that the following screen is displayed when registration is complete.



- The system waits for connection requests coming from the registered device.
- At this stage, the Bluetooth[®] functions are not yet available.

8 Select "OK" when the connection status changes from "Connecting..." to "Connected".



• If an error message is displayed, follow the guidance on the screen to try again.

REGISTERING A Bluetooth® AUDIO PLAYER FOR THE FIRST TIME

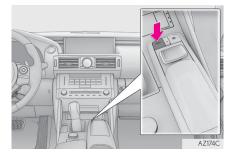
To use the Bluetooth[®] Audio, it is necessary to register an audio player with the system.

Once the player has been registered, it is possible to use the Bluetooth[®] Audio.

This operation cannot be performed while driving.

For details about registering a Bluetooth[®] device: →P.58

- 1 Turn the Bluetooth® connection setting of your audio player on.
- This function is not available when the Bluetooth[®] connection setting of your audio player is set to off.
- 2 Press the "MENU" button on the Remote Touch.



3 Select "Audio".



4 Select "Source".



5 Select "Bluetooth*".



6 Select "Connect".



- 7 Follow the steps in "REGISTERING A Bluetooth[®] DEVICE" from "STEP 1". (→P.58)
- *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

PROFILES

This system supports the following services.

Bluetooth [®] device	Spec.	Function	Require- ments	Recom- menda- tions
Bluetooth [®] Phone/ Bluetooth [®] Audio Player	Bluetooth [®] Specification	Registering a Bluetooth [®] device	Ver. 2.0	Ver.3.0 +EDR
Bluetooth [®] device	Profile	Function	Require- ments	Recom- menda- tions
	HFP (Hands-Free Profile)	Hands-free system	Ver. 1.0	Ver. 1.6
	OPP (Object Push Profile)	T (: il	Ver. 1.1	Ver. 1.2
Bluetooth [®]	PBAP (Phone Book Access Profile)	Transferring the contacts	Ver. 1.0	Ver. 1.1
Phone	MAP (Message Access Profile)	Bluetooth [®] phone message	_	Ver. 1.0
	DUN (Dial-up Networking Profile)	Connected	Ver. 1.1	_
	PAN (Personal Area Networking)	service*	Ver. 1.0	_
Bluetooth [®] Audio Player	A2DP (Advanced Audio Distribution Profile)	Bluetooth [®]	Ver. 1.0	Ver. 1.2
	AVRCP (Audio/Video Remote Control Profile)	audio system	Ver. 1.0	Ver. 1.4

^{*:} With navigation function

(INFORMATION)

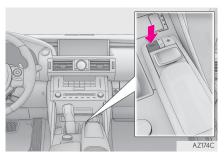
- If your cellular phone does not support HFP, registering the Bluetooth[®] phone or using OPP, PBAP, MAP, DUN or PAN profiles individually will not be possible.
- If the connected Bluetooth[®] device version is older than recommended or incompatible, the Bluetooth[®] device function may not work properly.



Bluetooth is a registered trademark of Bluetooth SIG, Inc.

2. SETTING Bluetooth® DETAILS

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Bluetooth*".



*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

4 Select the desired item to be set.



No.	Function	Page
1	Select to set up Bluetooth® device.	57
2	Select to display Bluetooth $^{\circledR}$ setup information.	64
3	Select to set internet connection.	66

"Bluetooth* setup" SCREEN

- 1 Display the "Bluetooth*" screen. (→P.56)
- 2 Select "Bluetooth* setup".
- 3 Select the desired item to be set.



Function	Page
Registering a Bluetooth® device	58
Deleting a Bluetooth® device	59
Connecting a Bluetooth $^{\mathbb{R}}$ device	60
Editing the Bluetooth $^{\circledR}$ device information	62

■ DISPLAYING THE "Bluetooth* setup" SCREENIN A DIFFERENT WAY

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Connect telephone".
- *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

REGISTERING A Bluetooth® DEVICE

Up to 5 Bluetooth[®] devices can be registered.

Bluetooth[®] compatible telephones (HFP) and audio players (AVP) can be registered simultaneously.

This operation cannot be performed while driving.

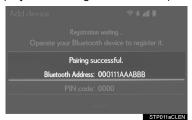
- Select "Add".
- ► When another Bluetooth[®] device is connected
- To disconnect the Bluetooth[®] device, select **"Yes"**.
- ► When 5 Bluetooth[®] devices have already been registered
- A registered device needs to be replaced.
 Select "Yes", and select the device to be replaced.

When this screen is displayed, search for the device name displayed on this screen on the screen of your Bluetooth[®] device.



- For details about operating the Bluetooth[®] device, see the manual that comes with it.
- To cancel the registration, select "Cancel".
- **3** Register the Bluetooth[®] device using your Bluetooth[®] device.
- A PIN code is not required for SSP (Secure Simple Pairing) compatible Bluetooth[®] devices. Depending on the type of Bluetooth[®] device being connected, a message confirming registration may be displayed on the Bluetooth[®] device's screen. Respond and operate the Bluetooth[®] device according to the confirmation message.

4 Check that the following screen is displayed when registration is complete.



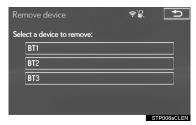
- The system waits for connection requests coming from the registered device.
- At this stage, the Bluetooth[®] functions are not yet available.
- 5 Select "OK" when the connection status changes from "Connecting..." to "Connected".



• If an error message is displayed, follow the guidance on the screen to try again.

DELETING A Bluetooth® DEVICE

- 1 Select "Remove".
- 2 Select the desired device.



- 3 Select "Yes" when the confirmation screen appears.
- 4 Check that a confirmation screen is displayed when the operation is complete.

(INFORMATION)

 When deleting a Bluetooth[®] phone, the contact data will be deleted at the same time.

CONNECTING A Bluetooth® DEVICE

Up to 5 Bluetooth[®] devices (Telephones (HFP) and audio players (AVP)) can be registered.

If more than 1 Bluetooth[®] device has been registered, select which device to connect to.

1 Select the device to be connected.



- Supported profile icons will be displayed.
- : Telephone
- : Audio player
- Supported profile icons for currently connected devices will illuminate.
- Dimmed icons can be selected to connect to the function directly.
- If the desired Bluetooth[®] device is not on the list, select "Add" to register the device. (→P.58)

2 Select the desired connection.



- ► When another Bluetooth® device is connected
- To disconnect the Bluetooth[®] device, select "Yes".
- 3 Check that a confirmation screen is displayed when the connection is complete.
- If an error message is displayed, follow the guidance on the screen to try again.

(INFORMATION)

- It may take time if the device connection is carried out during Bluetooth[®] audio playback.
- Depending on the type of Bluetooth[®] device being connected, it may be necessary to perform additional steps on the device.

■ AUTO CONNECTION MODE

To turn auto connection mode on, set "Bluetooth* power" to on. (→P.65) Leave the Bluetooth[®] device in a location where the connection can be established.

- When the engine <power> switch is in ACCESSORY or IGNITION ON <ON> mode, the system searches for a nearby registered device.
- The system will connect with the registered device that was last connected, if it is nearby.

■ CONNECTING MANUALLY

When the auto connection has failed or "Bluetooth* power" is turned off, it is necessary to connect Bluetooth® manually.

- 1 Press the "MENU" button on the Remote Touch and select "Setup".
- 2 Select "Bluetooth*".
- Follow the steps in "CONNECTING A Bluetooth® DEVICE" from "STEP 1".
 (→P.60)
- *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

■ RECONNECTING THE Bluetooth® PHONE

If a Bluetooth[®] phone is disconnected due to poor reception from the Bluetooth[®] network when the engine <power> switch is in ACCESSORY or IGNITION ON <ON> mode, the system automatically reconnects the Bluetooth[®] phone.

 If a Bluetooth[®] phone is disconnected on purpose, such as turning it off, this does not happen. Reconnect the Bluetooth[®] phone manually.

EDITING THE Bluetooth® DEVICE INFORMATION

The Bluetooth[®] device's information can be displayed on the screen. The displayed information can be edited.

- 1 Select the desired device to be edited.
- 2 Select "Device info".



3 Confirm and change the Bluetooth[®] device information.





No.	Information
1	The name of the Bluetooth [®] device. Can be changed to a desired name. $(\rightarrow P.63)$
2	Device address is unique to the device and cannot be changed.
3	The telephone number of the $Bluetooth^{\circledR}$ phone.
4	Compatibility profile of the Bluetooth $^{\circledR}$ device.
5	Select to set the Bluetooth $^{\circledR}$ audio player connection method. $(\rightarrow P.63)$
6	Select to reset all setup items.

(INFORMATION)

- If 2 Bluetooth[®] devices have been registered with the same device name, the devices can be distinguished referring to the device's address.
- Depending on the type of telephone, some information may not be displayed.

■ CHANGING A DEVICE NAME

- 1 Select "Device name".
- 2 Enter the name and select "OK".

(INFORMATION)

 Even if the device name is changed, the name registered in your Bluetooth[®] device does not change.

■ SETTING AUDIO PLAYER CON-NECTION METHOD

- 1 Select "Connect audio player from".
- 2 Select the desired connection method.



"Vehicle": Select to connect the audio system to the audio player.

"Device": Select to connect the audio player to the audio system.

- Depending on the audio player, the "Vehicle" or "Device" connection method may be best. As such, refer to the manual that comes with the audio player.
- To reset the connection method, select "Defaults".

"Detailed Bluetooth* settings" SCREEN

The Bluetooth $^{\circledR}$ settings can be confirmed and changed.

- 1 Display the "Bluetooth*" screen. (→P.56)
- 2 Select "Detailed Bluetooth" settings".
- 3 Select the desired item to be set.





^{*:} Bluetooth is a registered trademark of Bluetooth SIG, Inc.

No.	Information	Page
1	Select to set Bluetooth® connection on/off.	65
2	Displays system name. Can be changed to a desired name.	65
3	PIN code used when the Bluetooth® device was registered. Can be changed to a desired code.	65
4	Device address is unique to the device and cannot be changed.	_
5	Select to set the telephone connection status display on/off.	_
6	Select to set the connection status display of the audio player on/off.	_
7	Compatibility profile of the system.	_
8	Select to reset all setup items.	_



CHANGING "Bluetooth* power"

1 Select "Bluetooth" power".

When "Bluetooth" power" is on:

The Bluetooth[®] device is automatically connected when the engine conver > switch is in ACCESSORY or IGNITION ON <ON > mode.

When "Bluetooth" power" is off:

The Bluetooth[®] device is disconnected, and the system will not connect to it next time.

(INFORMATION)

- While driving, the auto connection state can be changed from off to on, but cannot be changed from on to off.
- *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

EDITING THE SYSTEM NAME

- 1 Select "System name".
- 2 Enter a name and select "OK".

EDITING THE PIN CODE

- 1 Select "PIN code".
- 2 Enter a PIN code and select "OK".

3. CONNECTING TO INTERNET VIA Bluetooth® DEVICE*1

SETTING INTERNET CONNECTION

To use the internet via Bluetooth $^{\circledR}$ device, it is necessary to register a Bluetooth $^{\circledR}$ device with the system.

Once the device has been registered, it is possible to use the internet via Bluetooth[®] device.

For details about registering Bluetooth[®] device: →P.58

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Bluetooth*2"



4 Select "Communication settings".



5 Select "Yes".



- A portal account is an account that is obtained from the website Lexus prepares for its customers.
- *2: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

6 Select "Country".



7 Select a country.



- The previous screen will be displayed.
- 8 Select "Provider" on the "Communication settings" screen.
- 9 Select your mobile network provider.



- 10 Select "OK" on the "Communication settings" screen.
- If "Other" is selected for country and/or mobile network provider, the "Detail settings" screen will be displayed. (→P.68)
- The system will automatically set the details of the mobile network provider's information and perform a communication connection test.
- If the setting cannot be performed automatically, the "Detail settings" screen will be displayed. (→P.68)
- Before performing a communication connection test, a confirmation screen will be displayed in accordance with the connected service settings. (→P.389)
- When accessing Lexus portal site using a cellular phone, your user name and password will be required. (

 P.68)
- 11 When the cellular phone has been connected successfully, "Data connection successful." will be displayed on the screen. The online search and importing memory points function will be available.

■ "Detail settings" SCREEN

If the system does not have mobile network provider setting information for the country or mobile network provider that has been selected, or if you select "Other" for either country or mobile network provider, the "Detail settings" screen will be displayed. Contact your mobile network provider to obtain the contract information to be input in the "Detail settings" screen.



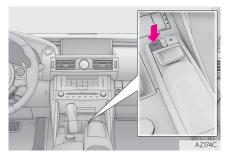


- Enter or select User name (for APN setting), Password (for APN setting), APN, DNS1, DNS2, Dial Number and Script.
- If there is only one DNS, set it in DNS 1.
- If more than one item needs to be entered into "Script", separate the first and second items with a semi-colon (;).

4. CONNECTING TO INTERNET VIA Wi-Fi®*1

Using the Wi-Fi[®] function, this system can connect to the internet, which allows the use of the connected services, traffic information, etc.

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Wi-Fi*2".



4 Select the items to be set.



 $^{\star 2}$: Wi-Fi is a registered mark of the Wi-Fi Alliance $^{\circledR}$.

Wi-Fi[®] SETTINGS SCREEN



No.	Function	Page
1	Select to turn the Wi-Fi [®] function on/off.	70
2	Displays connected net- work name	_
3	Select to search for available networks that can be connected.	71
4	Select to connect quickly to a WPS compatible Wi-Fi [®] device.	72
5	Select to set the detailed Wi-Fi® settings.	72

TURNING Wi-Fi® FUNCTION ON/OFF

When turned on, "Available networks" and "Easy setup" can be selected.

- 1 Display the "Wi-Fi* settings" screen.
 (→P.69)
- 2 Select "Wi-Fi* power".
- When set to on, the indicator will illuminate.
- *: Wi-Fi is a registered mark of the Wi-Fi Alliance[®].

CONNECTING TO A NETWORK

Available networks can be searched for and connected to.

- 1 Display the "Wi-Fi* settings" screen.
 (→P.69)
- 2 Select "Available networks".
- **3** Select the desired network.



- When a network with is selected and the password enter screen is displayed, enter the password then select "OK".
- The network connected to in the past is marked with

"Details": Select to display details about the network.

"Add Wi-Fi* network": Select to add a Wi-Fi[®] network that is not currently displayed.

■ ADDING A Wi-Fi® NETWORK

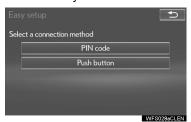
Available networks which are not displayed by searching can be added.

- 1 Select "Add Wi-Fi* network".
- 2 Enter the network name and select "OK".
- 3 Select the security type.
- 4 Enter the password and select "OK".
- *: Wi-Fi is a registered mark of the Wi-Fi Alliance[®].

CONNECTING QUICKLY

If a Wi-Fi $^{\mathbb{R}}$ device is Wi-Fi Protected SetupTM compatible, it can be connected to more quickly.

- 1 Display the "Wi-Fi* settings" screen.
 (→P.69)
- 2 Select "Easy setup".
- 3 Select "PIN code" or "Push button" as determined by the device.



4 Operate the Wi-Fi® device to connect.

DETAILED Wi-Fi® SETTINGS

- 1 Display the "Wi-Fi* settings" screen.
 (→P.69)
- 2 Select "Detailed Wi-Fi* settings".
- 3 Select the items to be set.



No.	Function
1	Select to change the listing order of your preferred networks and to delete networks from the list. (\$\ightarrow\$P.73)
2	Select to set automatic connection to network on/off. When set to on, the system will automatically connect to the preferred networks that have been registered.
3	Select to set the automatic connection message notification display on/off.
4	Select to reset all setup items.

*: Wi-Fi is a registered mark of the Wi-Fi Alliance[®].

■ PREFERRED NETWORK SET-TINGS

Any network connected to in the past is set as a preferred network. The priority of the networks to connect to can be changed.

- Select "Reorder/Remove preferred networks".
- 2 Select the desired network and select "Move up" or "Move down" to change the connection priority of the network.



"Remove": Select to delete a network.

(INFORMATION)

• If a network is being connected to, preferred network settings cannot be changed.

Wi-Fi® FUNCTION **OPERATING HINTS**

CAUTION

- Use Wi-Fi[®] devices only when safe and legal to do so.
- Your audio unit is fitted with Wi-Fi[®] antennas. People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the Wi-Fi® antennas.

The radio waves may affect the operation of such devices.

Before using Wi-Fi[®] devices, users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio

Radio waves could have unexpected effects on the operation of such medical devices.

CONDITIONS DISPLAYED WITH Wi-Fi® ICON

Reception level appears on the right upper side of the screen. $(\rightarrow P.18)$

SPECIFICATIONS

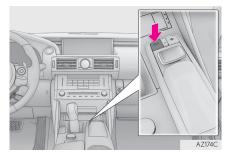
(INFORMATION)

- Communication standards 802.11b 802.11g 802.11n
- Security
 WEP
 WPA™/WPA2™
 WPA2™
 Wi-Fi Protected Setup™
 - WPA, WPA2 and Wi-Fi Protected Setup are registered mark of the Wi-Fi Alliance[®].

1. GENERAL SETTINGS

Settings are available for system time, operation sounds, etc.

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "General".



4 Select the items to be set.



GENERAL SETTINGS SCREEN



General settings	
Button colour	6
Units of measurement	miles(MPG Imperial) 7
Selection sound	On 8
Pointer sound	On 9
Error sound	On [10]
	CMC003bCL aEN





No.	Function
1	Select to change the time zone and set the daylight saving time on/off. $(\rightarrow P.77)$
2	Select to change the language.
3	Select to change the voice recognition language.
4	Select to customize the startup/ screen off images. $(\rightarrow P.78)$
5*	Select to set automatic screen changes from the audio/air conditioning control screen to the previous screen on/off. When set to on, the screen will automatically return to the previous screen from the audio/air conditioning control screen after 20 seconds.
6	Select to change the screen button colour.
7	Select to change the unit of measure for distance*/fuel consumption.
8	Select to set the selection sounds on/off.
9	Select to set the pointer sounds on/ off.
10	Select to set the error sounds on/off.

^{*:} With navigation function

No.	Function
11	Select to adjust the pointer sound volume.
12	Select to adjust the strength of the pull from the buttons to the pointer.
13	Select to delete personal data. $(\rightarrow P.82)$
14	Select to update software versions. For details, contact your Lexus dealer.
15	Select to update "Gracenote" data- base versions. For details, contact your Lexus dealer.
16	Select to display the software information. Notices related to third party software used in this product are enlisted. (This includes instructions for obtaining such software, where applicable.)

SYSTEM TIME SETTINGS

Used for changing time zones and the on/off settings of daylight saving time.

- Display the "General settings" screen. (→P.75)
- 2 Select "System time".
- **3** Select the items to be set.



No.	Function				
1	Select to change the time zone. $(\rightarrow P.78)$				
2	Select to set daylight saving time on/off.				

■ SETTING THE TIME ZONE

- 1 Select "Time zone".
- 2 Select the desired time zone.



 If "Other" is selected, the zone can be adjusted manually. Select "+" or "-" to adjust the time zone.



CUSTOMIZING THE STARTUP AND SCREEN OFF IMAGES

An image can be copied from a USB memory and used as the startup and screen off Images.

When the engine <power> switch is turned to ACCESSORY or IGNITION ON <ON> mode, the initial screen (startup image) will be displayed. (→P.36)

When "Screen off" on the "Display" screen is selected, the screen is turned off and the desired screen off image that is set is displayed. (To turn the screen off: →P.47)

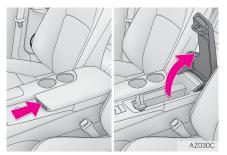
- 1 Display the "General settings" screen. (→P.75)
- 2 Select "Customize image".
- 3 Select the items to be set.



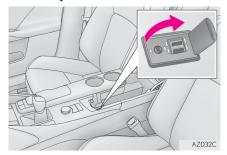
No.	Function	Page
1	Select to copy images from a USB memory.	79
2	Select to delete images.	81
3	Select to set an image as the startup or screen off image.	81

■ TRANSFERRING IMAGES

1 Press the button to release the lock and lift the armrest.

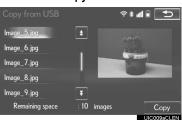


2 Open the cover and connect a USB memory.



- Turn on the power of the USB memory if it is not turned on.
- **3** Close the console box.
- 4 Select "Copy from USB".

5 Select the desired images from the list and select "Copy".



- The selected image is displayed on the right side of the screen. If the selected image file is broken or incompatible,
 - will be displayed.
- The remaining number of image files that can be transferred is displayed at the bottom of the screen.
- **6** Select "Yes" when the confirmation screen appears.

(INFORMATION)

- When saving image files to a USB memory to be transferred to the system, save the images in a folder named "Image" (Image, case sensitive). If a different folder name is used, the system will not recognize the image files.
- The compatible file extensions are JPG and JPEG.
- An image's file name, including file extension, can be up to 32 characters.
- Image files of 10 MB or less can be transferred.
- Up to 10 images can be transferred to the system.
- Files with non-ASCII filenames can not be transferred.

SETTING THE STARTUP AND SCREEN OFF IMAGES

- 1 Select "Set images".
- 2 Select the desired image.



3 Select the desired items to be set.



No.	Function			
1	Select to set an image as the startup image.			
2	Select to set an image as the screen off image.			
3	Select to set an image as both the startup and screen off image.			

■ DELETING TRANSFERRED IMAG-ES

- 1 Select "Delete images".
- 2 Select the images to be deleted and select "Delete".



3 Select "Yes" when the confirmation screen appears.

DELETING PERSONAL DATA

- 1 Display the "General settings" screen. (→P.75)
- 2 Select "Delete personal data".
- 3 Select "Delete".



- 4 Select "Yes" when the confirmation screen appears.
- Registered or changed personal settings will be deleted or returned to their default conditions.

For example:

- General settings
- Navigation settings*
- Audio settings
- Telephone settings
- Connected service settings*
- *: With navigation function



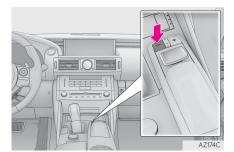
NOTICE

With navigation function: Make sure the map microSD card is inserted when deleting personal data. The personal data cannot be deleted when the map microSD card is removed. To delete the data, after inserting the map microSD card, turn the engine <power> switch to ACCESSORY or IGNITION ON <ON> mode.

2. VOICE SETTINGS

Voice guidance etc. can be set.

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Voice".



4 Select the items to be set.



VOICE SETTINGS SCREEN



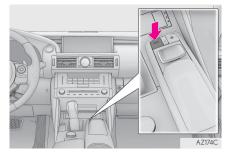
No.	Function	
1	Select to adjust the volume of voice guidance.	
2	Select to set the voice recognition prompts on/off.	
3*	Select to set the voice guidance during audio/visual and/or air conditioning system use on/off.	
4*	Select to set the voice guidance during route guidance on/off.	
5*	Select to set the beep sound of navigation guidance.	
6	Select to reset all setup items.	

^{*:} With navigation function

3. VEHICLE SETTINGS

Settings are available for maintenance, vehicle customization and Lexus parking assist-sensor.

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Vehicle".



4 Select the desired screen button to be set.



No.	Function	Page
1*	Select to set maintenance.	86
2	Select to set vehicle customization.	"Owner's Manual"
3	Select to set Lexus parking assist-sensor.	319

^{*:} With navigation function

MAINTENANCE*

When the system is turned on, the "Information" screen displays when it is time to replace a part or certain components. (→P.37)

- 1 Display the "Vehicle settings" screen. (→P.85)
- 2 Select "Maintenance".
- 3 Select the desired item.



No.	Function
1	Select to set the condition of parts or components.
2	Select to add new information items separately from provided ones.
3	When set to on, the indicator will illuminate. The system is set to give maintenance information with the "Information" screen. $(\rightarrow P.37)$
4	Select to cancel all conditions which have been entered.
5	Select to reset the items which have expired conditions.
6	Select to register/edit dealer information. (→P.87)

(INFORMATION)

 When the vehicle needs to be serviced, the screen button colour will change to orange.

MAINTENANCE INFORMATION SETTING

- 1 Select the desired part or component screen button.
- 2 Set the conditions.



No.	Function			
1	Select to enter the next maintenance date.			
2	Select to enter the driving distance until the next maintenance check.			
3	Select to cancel the conditions which have been entered.			
4	Select to reset the conditions which have expired.			

(INFORMATION)

- For scheduled maintenance information, please refer to "Lexus Service Booklet", "Lexus Warranty Booklet" or "Owner's Manual".
- Depending on driving or road conditions, the actual date and distance maintenance should be performed may differ from the stored date and distance in the system.

DEALER SETTING

Dealer information can be registered in the system. With dealer information registered, route guidance to the dealer is available.

- 1 Select "Dealer".
- 2 Select the desired item to search for the location. (→P.116)



• The editing dealer screen appears after setting the location.

3 Select the desired item to be edited.



No.	Function	Page
1	Select to enter the name of a dealer.	88
2	Select to enter the name of a dealer member.	88
3	Select to set the location.	88
4	Select to set the telephone number.	88
5	Select to set the displayed dealer as a destination.	131
6	Select to delete the dealer information displayed on the screen.	_

■ EDITING DEALER OR CONTACT NAME

- 1 Select "Dealer" or "Contact".
- 2 Enter the name and select "OK".
- **EDITING THE LOCATION**
- 1 Select "Location".
- 2 Scroll the map to the desired point $(\rightarrow P.103)$ and select "OK".

■ EDITING TELEPHONE NUMBER

- 1 Select "Tel. no.".
- 2 Enter the telephone number and select "OK".

BASIC OPERATION DESTINATION SEARCH 1. QUICK REFERENCE...... 92 1. **DESTINATION SEARCH** SCREEN...... 116 MAP SCREEN.....92 NAVIGATION MENU SCREEN......94 MAP SCREEN OPERATION......96 CURRENT POSITION DISPLAY 96 MAP SCALE......97 ORIENTATION OF THE MAP.......98 **SWITCHING MAP** SCREEN SCROLL OPERATION...... 101 ADJUSTING LOCATION IN SMALL INCREMENTS......103 MAP SCREEN INFORMATION....... 104 DISPLAYING POI*2 ICONS104 SEARCHING BY MOTORWAY ROUTE TRACE ENTRANCE/EXIT...... 127 DISPLAYING INFORMATION SEARCHING BY COORDINATES.....128 ABOUT THE ICON WHERE SEARCHING BY TELEPHONE THE CURSOR IS SET......107 NUMBER......128 STANDARD MAPICONS...... 108 4. TRAFFIC AND PARKING INFORMATION.....109 DISPLAYING TRAFFIC AND TRAFFIC PREDICTION INFORMATION......109 PARKING INFORMATION 113

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NAVIGATION SYSTEM*1

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3.	ADDING DESTINATIONS REORDERING DESTINATIONS DELETING DESTINATIONS SETTING SEARCH CONDITION DETOUR SETTING ROAD PREFERENCE ROUTE OVERVIEW	145 146 146 147 147	6	TIPS FOR THE NAVIGATION SYSTEM GPS (GLOBAL POSITIONING SYSTEM)	. 184
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For vehicles sold outside Europe, some of the functions cannot be operated while driving.

3

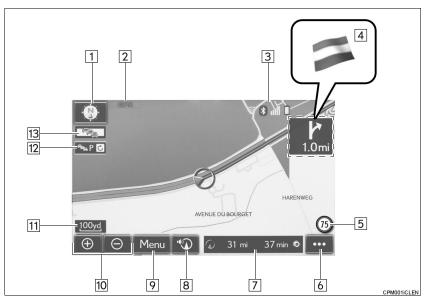
^{*1:} With navigation function

^{*2:} Point of Interest

1. QUICK REFERENCE

MAP SCREEN

To display this screen, press the "MENU" button on the Remote Touch, then select "Nav", and select if the navigation menu screen is displayed.

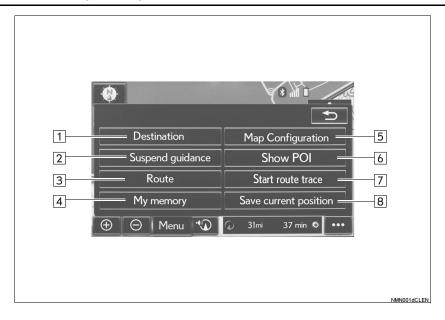


No.	Name	Function	Page
1	2D north up, 2D heading up or 3D heading up symbol	Indicates whether the map orientation is set to north-up or heading-up. In 3D map, only a heading-up view is available.	98
2	"GPS" mark (Global Position- ing System)	Shows that the vehicle is receiving signals from the GPS	184
3	Status bar	Displays the condition of Wi-Fi [®] and Bluetooth [®] connections, the level of reception and the amount of battery charge left for a cellular phone.	18

No.	Name	Function	Page
4	Border guidance	When a vehicle crosses a borderline, the national flag of that country is displayed.	_
5	Speed limit icon	Displays speed limits	170
6	Route informa- tion change but- ton	Select to display the current street name, expected travel time/arrival time to the destination, or the traffic information bar.	136
7	Route information bar	Displays the current street name, expected travel time/arrival time to the destination or the traffic information bar as selected.	130
8	Current position button	Select to display the current position address or repeat the voice guidance.	_
9	"Menu"	Select to utilize functions such as setting a destination and registering a memory point.	94
10	Zoom in/out but- ton	Select to magnify or reduce the map scale. When either button is selected, the map scale indicator bar appears at the bottom of the screen.	97
11	Scale indicator	This figure indicates the map scale.	
12	Manual update button	Select to update the traffic or parking lot information manually.	179
13	Traffic indicator	Shows that traffic information is received. Select to display traffic information.	109

NAVIGATION MENU SCREEN

This screen is used for functions such as setting a destination and registering memory points. Press the "MENU" button on the Remote Touch. Select "Nav" and then "Menu" to display the navigation menu screen.



No.	Function	Page
1	Select to search for a destination.	116
2	Select to suspend or resume guidance.	135
3	Select to change routes and/or destinations and to view route overview.	144
4	Select to enable changes to "Home", "Memory points", "Quick access", "Area to avoid", etc.	150
5	Select to set the desired map configuration.	99
6	Select to set the Points of Interest to be displayed on the screen.	104
7	Select to start/stop recording the route trace.	106
8	Select to register the current position or the cursor position as a memory point. Can be changed to a desired name, icon, etc.	150

2. MAP SCREEN OPERATION

CURRENT POSITION DISPLAY

1 Press the "MENU" button on the Remote Touch.



2 Select "Nav".



3 Check that the current position map is displayed.



- Select if the navigation menu screen is displayed.
 - To correct the current position manually:
 →P.173

(INFORMATION)

- While driving, the current position mark is fixed on the screen and the map moves.
- The current position is automatically set as the vehicle receives signals from the GPS (Global Positioning System). If the current position is not correct, it is automatically corrected after the vehicle receives signals from the GPS.
- After 12-volt 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.

MAPSCALE

1 Select or to change the scale of the map screen.



- The scale indicator bar appears at the bottom of the screen.
- Select and hold or to continue changing the scale of the map screen.
- The scale of the map screen can also be changed by selecting the scale bar directly.

Select to display the entire route, if

(INFORMATION)

- Press the "^" button on the Remote Touch to zoom in on the map screen and the "v" button to zoom out.
- When the map scale is at the minimum range, a one way street is displayed by



CITY MAP

The city map is available for some major cities. When a map scale of 50 yd. (50 m) is selected, the map display will change to the city map in either 2D or 3D.

1 Select to display the city map.



• To return to the normal map display, select

ORIENTATION OF THE MAP

The orientation of the map can be changed between 2D north-up, 2D heading-up and 3D heading-up by selecting the orientation symbol displayed at the top left of the screen.

- 1 Select 🚱 , 🗢 or 🗢 .
- North-up screen



► Heading-up screen



▶3D screen



: North-up symbol

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

: Heading-up symbol (When in 2D map mode.)

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

: Heading-up symbol (When in 3D map mode.)

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

SWITCHING MAP CONFIGURATIONS

- 1 Select "Menu" on the map screen.
- 2 Select "Map Configuration".



3 Select the desired item.





No.	Function	Page
1	Select to display the single map screen.	100
2	Select to display the dual map screen.	100
3	Select to display the compass mode screen.	101
4	Select to display the turn list screen.	142
5	Select to display the arrow screen.	142
6	Select to display the motorway information screen.	140
7	Select to display the inter- section guidance screen or the guidance screen on the motorway.	141

Depending on the conditions, certain configuration screen buttons cannot be selected.

■ SINGLE MAP



■ DUAL MAP



• The map on the left is the main map.

► Editing right map

The right side map can be edited.

- 1 Select any point on the right side map.
- 2 Select the desired item.



No.	Function	Page
1	Select to change the orientation of the map.	98
2	Select to display POI icons.	104
3	Select to show traffic information.	177
4	Select to change the map scale.	97

■COMPASS

Information about the destination, current position and a compass is displayed on the screen.



(INFORMATION)

- The destination mark is displayed in the direction of the destination. When driving, refer to the longitude and latitude coordinates, and the compass, to make sure that the vehicle is headed in the direction of the destination.
- When the vehicle travels out of the coverage area, the guidance screen changes to the compass mode screen.

SCREEN SCROLL OPERATION

Use the scroll feature to move the desired point to the centre of the screen for looking at a point on the map screen that is different from the current position.



No.	Information/Function	Page
1	Cursor mark	_
2	Select to register the cursor location as area to avoid.	102
3	Select to return to the current position.	_
4	Select to register as a memory point. To change the icon, name, etc.: \rightarrow P.156	_
5	Select to set as a destination.	131
6	Distance from the current position to the cursor mark	_

 To scroll over the map, place the cursor mark in the desired position and then press and hold the Remote Touch knob. The map will continue scrolling in that direction until the knob is released.

REGISTERING THE CURSOR LOCATION AS AN AREA TO AVOID

A specific location on the map screen can be set as an area to avoid using the scroll function.

1 Select "Avoid".



2 Select either or to to change the size of the area to be avoided and select "OK".



(INFORMATION)

- If a destination is entered in the area to avoid or the route calculation cannot be made without running through the area to avoid, a route passing through the area to be avoided may be shown.
- Up to 10 locations can be registered as areas to avoid.

ADJUSTING LOCATION IN SMALL INCREMENTS

The exact target location can be adjusted in small increments by selecting one of the 8 directional arrows.

1 Select one of the 8 directional arrows to move the cursor to the desired point.



3. MAP SCREEN INFORMATION

DISPLAYING POLICONS

POI icons such as petrol stations and restaurants can be displayed on the map screen. Their location can also be set as a destination and used for route guidance.

- 1 Select "Menu" on the map screen.
- 2 Select "Show POI".



3 Select the desired POI categories and select "OK".



No.	Information/Function	Page
1	Displays up to 5 selected POI icons on the map screen	_
2	Select to turn the POI icons on the map screen off.	_
3	Displays up to 6 POI icons as favourite POI categories	172
4	Select to display other POI categories if the desired POIs cannot be found on the screen.	105
5	Select to search for the nearest POIs. Then select one of the categories.	105

■ SELECTING OTHER POI ICONS TO BE DISPLAYED

- 1 Select "Other POI's".
- 2 Select the desired POI categories and select "OK".



"List all categories": Select to display all POI categories. To add more POI categories, select "More".

■ DISPLAYING THE LOCAL POILIST

POIs that are within 20 miles (30 km) of the current position will be listed from among the selected categories.

- 1 Select "List nearest POI's".
- 2 Select the desired POI.



"On this route": Select to search for POIs along the route. When set to on, the indicator will illuminate.

3 Check that the selected POI is displayed on the map screen. (→P.101)



ROUTE TRACE

Up to 124 miles (200 km) of the traveled route can be stored and retraced on the display. This feature is available when the map scale is 30 miles (50 km) or less.

START RECORDING THE ROUTE TRACE

- 1 Select "Menu" on the map screen.
- 2 Select "Start route trace".



3 Check that the traveled line is displayed.



■ STOP RECORDING THE ROUTE TRACE

1 Select "Stop route trace".



- **2** A confirmation screen will be displayed.
- "Yes": Select to keep the recorded route trace.
- "No": Select to erase the recorded route trace.
- To edit the route trace name or confirm the start point, etc.: →P.165

DISPLAYING INFORMATION ABOUT THE ICON WHERE THE CURSOR IS SET

When the cursor is placed over an icon on the map screen, the name bar is displayed on the upper part of the screen. If "Info" appears on the right side of the name bar, the detailed information can be displayed.

- Place the cursor over an icon.
- 2 Select "Info".



▶ POI information



► Memory point information



► Destination information



► Traffic information



▶ Parking information



No.	Function
1	Select to set as a destination. (→P.131) If a destination has already been set, "Add to ③" and "Replace ③" will be displayed. "Add to ③": Select to add a destination. "Replace ③": Select to delete the existing destination(s) and set a new one.
2	Select to register as a memory point.
3	Select to call the registered telephone number.
4	Select to edit a memory point. $(\rightarrow P.156)$
5	Select to delete a memory point.
6	Select to display a QR code. Destination information can be acquired by scanning the QR code with a cellular phone.
7	Select to delete a destination.
8	Select to display detailed information.

(INFORMATION)

 Even when traffic/parking information is not currently being received, traffic information and "Info" will be displayed for a while after traffic information has been received.

STANDARD MAPICONS

lcon	Information
▣	Town with > 1 million people
	Town with 500,000-1 million people
0	Town with 200,000-500,000 people
0	Town with 100,000-200,000 people
	Town with 20,000-100,000 people
	Town with 10,000-20,000 people
	Town with < 10,000 people
<u>.</u>	Park/Monument
T	Golf Course
+	Airport
0	Hospital/Polyclinic
X	Shopping centre
<u> </u>	University/College

4. TRAFFIC AND PARKING INFORMATION

Traffic information, traffic prediction information and parking lot information can be viewed.

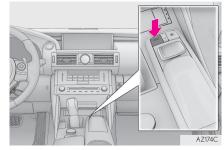
- The following 3 methods are available to receive the above information:
 - RDS-TMC* (Radio Data System-Traffic Message Channel) using FM signals
 - TPEG*-TEC (Traffic Event Compact), TPEG*-TFP (Traffic Flow Prediction) and TPEG*-PKI (Live Parking Information) using DAB
 - TPÉG*-TEC, TPEG*-TEP and TPEG*-PKI via the internet by using Wi-Fi[®] or a cellular phone

For detailed information about connection methods for a Wi-Fi $^{\otimes}$ device or cellular phone: \rightarrow P.50, 69

- Receiving information using a cellular phone
 - In order to use this service, a Bluetooth[®] DUN/PAN compatible cellular phone with sufficient network coverage and a SIM card with a contract that allows access to the internet are required.
 - When using this service, depending on your telephone subscription, some related fees might apply.
 - When a cellular phone is used in a roaming situation (when outside the geographical coverage area of mobile network provider) connection fees will be more expensive.
- *: Can only be used when receiving RDS-TMC or TPEG (Transport Protocol Experts Group) information. Depending on the country or area, receiving RDS-TMC and TPEG information may not be possible.

DISPLAYING TRAFFIC AND TRAFFIC PREDICTION INFORMATION

1 Press the "MENU" button on the Remote Touch.



2 Select "Info".



3 Select "Traffic information".



4 Select the desired item.



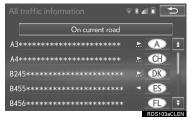
No.	Function
1	Select to display a list of current traffic information.
2	Select to display a map with predictive traffic data.

TRAFFIC INFORMATION

■ DISPLAYING TRAFFIC INFORMA-TION

Traffic events near the current position or the cursor position can be viewed as a list.

- 1 Display the "Traffic" screen. $(\rightarrow P.109)$
- 2 Select "Traffic information".
- 3 Select the desired traffic event.



• A list of traffic information and the country in which it can be received is displayed.

"On current road": Select to display traffic information for the current road.

4 Check that the traffic information is displayed.



"Map": Select to display around traffic event information.

"Detail": Select to display detailed traffic event information.

■ URGENT TRAFFIC EVENTS NOTI-FICATION

If urgent traffic information is detected around the current position, a pop-up message is displayed on the screen. Select "Yes" to display the traffic information.

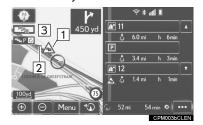
■ TRAFFIC INFORMATION ON THE MAP SCREEN

Traffic information such as traffic congestion, accidents and road closures are displayed on the map screen. (For setting traffic information icons displayed on the screen: →P.177)

On map screen



On motorway screen



No.	Function
1	The icons show traffic incident, road repair, traffic obstacles, etc. Select to display the traffic information.
2	The colour of the arrow changes depending on the traffic information received. Red: Closed road, accident, etc. Orange: Traffic congestion. Green: Normal traffic flow. (Note that roads that are not covered by traffic information are also shown in green.)
3	The indicator is displayed when traffic information has been received.

DISPLAYING TRAFFIC PREDICTION INFORMATION

Traffic prediction information relevant to the area around the current position or the cursor position can be viewed.

- 1 Display the "Traffic" screen. $(\rightarrow P.109)$
- 2 Select "Traffic prediction".
- 3 Scroll the map to the point that it is desired to view traffic prediction information for.



- The time of the traffic prediction information can be viewed in 15-minute steps.
- "+": Moves the time forward 15 minutes.
- "-": Moves the time back 15 minutes.
- "Info": Select to display detailed information.

PARKING INFORMATION

The location and available spaces of parking lots can be checked. These parking lots can also be set as a destination.

- 1 Press the "MENU" button on the Remote Touch.
- 2 Select "Info".
- 3 Select "Parking information".



4 Select the desired parking lot.



No.	Information/Function
1	Parking lot name
2	Parking fee
3	Distance from current position
4	Number of available parking space
5	Sort (→P.114)
6	Parking lot search (\rightarrow P.115)

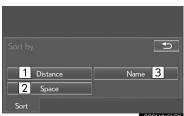
5 Check that the parking information is displayed.



No.	Function	Page
1	Select to set as a destination. If a destination has already been set, "Add to ③" and "Replace ③" will be displayed. "Add to ③": Select to add a destination. "Replace ③": Select to delete the existing destination(s) and set a new one.	131
2	Select to display the map of the parking.	_
3	Select to display detailed information.	_

SORTING

- 1 Select "Sort".
- 2 Select the desired sorting criteria.



No.	Function
1	Select to sort in the order of distance from the current location.
2	Select to sort parking lots in the order of most available spaces.
3	Select to sort in the order of name.

SEARCHING FOR PARKING LOT

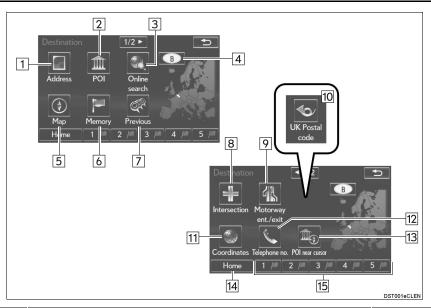
- 1 Select "Search area".
- 2 Select the location or area to be searched.



No.	Function
1	A search around the current position can be performed.
2	A search around the currently set destination can be performed.
3	The size of the search area around the set location can be selected.
4	Select to change pages.

1. DESTINATION SEARCH SCREEN

The "Destination" screen enables you to search for a destination. Press the "MENU" button on the Remote Touch. Select "Nav" and then "Menu" to display the navigation menu screen. Then select "Destination" to display the "Destination" screen.

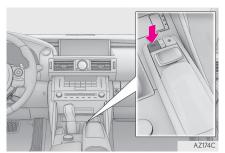


No.	Function	Page
1	Select to search for a destination by address.	120
2	Select to search for a destination by point of interest.	123
3	Select to search for a destination by online search. The navigation system can use an internet search engine to set a destination using the most up to date information. After setting the search engine to be used for "Online search", the screen button name will change to the search engine's logo.	377
4	Select to change the search area.	119

No.	Function	Page
5	Select to search for a destination by the last displayed map.	124
6	Select to search for a destination by memory points.	124
7	Select to search for a destination from previously set destinations.	125
8	Select to search for a destination by intersection.	126
9	Select to search for a destination by motorway entrance/exit.	127
10	Select to search for a destination by UK/NL postal code.	130
11	Select to search for a destination by coordinates.	128
12	Select to search for a destination by telephone number.	128
13	Select to search for a destination by point of interest near cursor.	129
14	Select to set a destination by home.	119
15	Select to set a destination by quick access.	120

2. SEARCH OPERATION

1 Press the "MENU" button on the Remote Touch.



2 Select "Nav".



3 Select "Menu".



4 Select "Destination".



5 Search for a destination.



- There are different kinds of methods to search for a destination. (→P.116)
- **6** The destination map is displayed. (→P.131)

SELECTING THE SEARCH AREA

- 1 Display the "Destination" screen. (→P.118)
- 2 Select the search area button.



- 3 Enter the search area name and select "OK".
- 4 Select the desired search area.

(INFORMATION)

- Included countries may be different by map version or sales countries.
- For map database information and updates: →P.187

SETTING HOME AS DESTINATION

To use this function, it is necessary to register a home address. $(\rightarrow P.152)$

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "Home".

SETTING QUICK ACCESS AS DESTINATION

To use this function, it is necessary to register quick access to the quick access screen buttons (1-5). $(\rightarrow P.154)$

- 1 Display the "Destination" screen. (→P.118)
- 2 Select any of the quick access screen buttons (1-5).



SEARCHING BY ADDRESS

- **1** Display the "Destination" screen (→P.118)
- 2 Select "Address".
- 3 Enter the search area, town name, street name and house number.



No.	Function	Page
1	Select to enter the search area.	119
2	Select to enter the town name.	121
3	Select to enter the street name.	122
4	Select to enter the house number.	_
5	Select to reset the town, street name and house number.	_
6	Select to search by the entered address.	_

4 Select "Search".

ENTERING A TOWN NAME

- Select "Town".
- 2 Enter the town name and select "OK".



"Option": Select to select a town in a different way. (→P.121)

3 Select the desired town name.



: Select to display a map of the central area of the desired town.

■ SELECTING A TOWN IN A DIFFER-ENT WAY

- 1 Select "Option".
- 2 Select the desired item.



No.	Function	Page
1	Select to enter the postal code.	122
2	Select from the last 5 towns.	_
3	Select from the nearest 5 towns.	_

3 Select the desired town name.

- ▶ By entering the postal code
- 1 Select "Postal code".
- 2 Enter the postal code and select "OK".
- **3** Select the desired postal code.



ENTERING A STREET NAME

- 1 Select "Street".
- 2 Enter the street name and select "OK".
- 3 Select the desired street name.
- If the same address exists in more than 1 town, a screen requesting the town name to be entered or selected will be displayed.



"Enter name": Select to enter a town name to narrow down the listed items.

SEARCHING BY POI

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "POI".
- 3 Enter the name of the POI and select "OK".
- 4 Select the desired POI.



"Category": Select to narrow down the category.

"Town": Select to narrow down a town.

 When entering the name of a specific POI, and there are 2 or more sites with the same name, the list screen is displayed.

■ NARROWING DOWN CATEGO-RIES

- 1 Select "Category".
- **2** Select the desired category.



"List all categories": Select to display all POI categories.

■ NARROWING DOWN A TOWN

- 1 Select "Town".
- 2 Enter the town name and select "OK".



"Option": Select to select a town in a different way. (→P.121)

3 Select the desired town name.

SEARCHING BY MAP

By selecting "Map" the last displayed location is displayed again on the map screen. You can search for a destination from this map.

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "Map".
- 3 Scroll the map to the desired point (→P.103) and select "Enter".



SEARCHING BY MEMORY POINTS

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "Memory".
- **3** Select the desired memory point.



"Stored routes": Select to select a stored route established and downloaded from the Lexus portal site. (→P.125)

■ SELECTING A STORED ROUTE

This feature is available when a route established and downloaded from Lexus portal site is stored in the navigation system. $(\rightarrow P.382)$

- 1 Select "Stored routes".
- 2 Select the desired stored route.
- 3 Select "OK".



 A map of the destination will be displayed when a destination is selected from the list.

SEARCHING FROM PREVIOUS DESTINATIONS

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "Previous".
- **3** Select the desired destination.



"Previous start point": Select to display the start point map of the previous guided route.

"Delete": Select to delete the previous destination. (→P.126)

(INFORMATION)

 The previous starting point and up to 100 previously set destinations are displayed on the screen.

■ DELETING PREVIOUS DESTINA-TIONS

- 1 Select "Delete".
- 2 Select the previous destination to be deleted and select "Delete".



3 Select "Yes" when the confirmation screen appears.

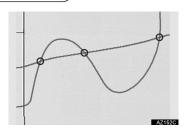
SEARCHING BY INTERSECTION

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "Intersection".
- 3 Enter the name of the first intersecting street and select "OK".
- 4 Select the desired street name.



- 5 Enter the name of the second intersecting street and select "OK".
- **6** Select the desired street name.

(INFORMATION)



 If the same 2 streets cross at more than 1 intersection, the screen changes and displays the menu to select the town name where the streets intersect.

SEARCHING BY MOTORWAY ENTRANCE/EXIT

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "Motorway ent./exit".
- 3 Enter a motorway name and select "OK".
- 4 Select the desired motorway.
- 5 Select "Entrance" or "Exit".



6 Select the desired entrance or exit name.



"Enter name": Select to enter an entrance or exit name to narrow down the listed items.

SEARCHING BY COORDINATES

Searching by latitude and longitude coordinates is available using both DMS format (for example: 12°34′56″) and DEG format (for example: 12.345678).

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "Coordinates".
- 3 Enter the latitude and longitude, and select "OK".



o, ', ', '' : Used to enter coordinates in DMS format.

: Used to enter coordinates in DEG format.

SEARCHING BY TELEPHONE NUMBER

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "Telephone no.".
- 3 Enter a telephone number and select "OK".



- \bigcirc : Select to change the search area. $(\rightarrow P.119)$
- If there is more than 1 site with the same number, the list screen will be displayed and select desired item.

(INFORMATION)

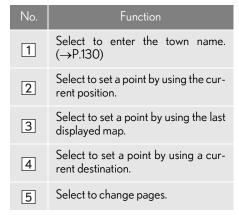
 To set a memory point as a destination using the telephone number, the number must already be registered with the memory point. (→P.155)

SEARCHING BY POINEAR CURSOR

The destination can be set by selecting the search point and the POI category. It is possible to display the names of POIs located within approximately 20 miles (30 km) from the selected search point.

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "POI near cursor".
- 3 Set the search point by one of the following methods.





- 4 Scroll the map to the desired point (→P.103) and select "OK".
- 5 Select the desired POI categories and select "List".



"List all categories": Select to display all POI categories. To add more POI categories, select "More".

6 Select the desired POI.



 The direction arrows of POIs are displayed only when the current position is set as the search point.

"On this route": Select to search for POIs along the route. When set to on, the indicator will illuminate.

- WHEN "Enter town centre" IS SE-LECTED
- 1 Select "Enter town centre".
- 2 Enter the town name and select "OK".
- 3 Select the desired town name.

SEARCHING BY UK/NL POSTAL CODE

Search by postal code is only available when the United Kingdom or Netherlands is set as the search area.

- 1 Display the "Destination" screen. (→P.118)
- 2 Select "UK Postal code" or "NL Postal code".
- 3 Enter the postal code and select "OK".
- 4 Select the desired code.



3. STARTING ROUTE GUIDANCE

After entering the destination, the screen changes and displays the map location of the selected destination.

STARTING ROUTE GUIDANCE

1 Select "Enter" on the destination map screen.



- For details about this screen: \rightarrow P.132
- 2 Select "Start" on the starting route guidance screen.



• For details about this screen: \rightarrow P.133

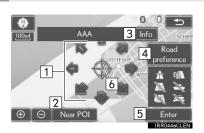
A CAUTION

 Be sure to obey traffic regulations and keep road conditions in mind while driving. If a traffic sign on the road has been changed, the route guidance may not indicate such changed information.

(INFORMATION)

- 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 on a map with a scale more than 0.5 mile (500 m), the map scale changes to 0.5 mile (500 m) automatically. If this occurs, set the destination again.
- If a destination that is not located on a road is set, the vehicle will be guided to the point on a road nearest to the destination. The road nearest to the selected point is set as the destination.

DESTINATION MAP SCREEN



No.	Function	Page
1	Select to scroll the map to the desired point.	103
2	Select to display POIs around the destination.	104
3	Select to view the name, address and telephone number of the selected point.	_
4	Select to change the road preference.	132
5	Select to determine the map location of destination. If a destination has already been set, "Add to ③" and "Replace ③" will be displayed. "Add to ③": Select to add a destination. "Replace ③": Select to delete the existing destination(s) and set a new one.	_
6	If the searched point has been precisely identified based on a detailed address, appears on the point.	_

■ ROAD PREFERENCES

- 1 Select "Road preference".
- 2 Select the desired road preferences and select "OK".

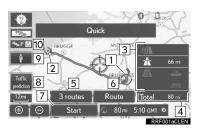


• The system will avoid using routes that include items whose indicators are off.

(INFORMATION)

- Even if the motorway indicator is dimmed, the route cannot avoid including a motorway in some cases.
- If the calculated route includes a trip by ferry, the route guidance shows a sea route. After traveling by ferry, the current position may be incorrect. Upon reception of GPS signals, it is automatically corrected.

STARTING ROUTE GUIDANCE SCREEN



No.	Information/Function	Page
1	Current position	_
2	Destination point	_
3	Type of route and its distance	_
4	Distance of the entire route	_
5	Select the desired route from 3 possible routes.	134
6	Select to change the route.	144

No.	Information/Function	Page
7	Select to start guidance. If "Start" is selected until a beep sounds, demo mode will start. Press the or "MENU" button on the Remote Touch to end demo mode.	_
8*	Select to display traffic prediction information.	112
9	Select to display the Street View.	385
10*	Select to update the traffic or parking lot information manually.	179

^{*:} Can only be used when receiving TPEG (Transport Protocol Experts Group) information. Depending on the country or area, receiving TPEG information may not be possible.

■3 ROUTES SELECTION

- 1 Select "3 routes".
- 2 Select the desired route.



No.	Function
1	Select to display the recommended route.
2	Select to display the fuel-efficient route.
3	Select to display the route that is the shortest distance to the set destination.
4	Select to display the information about the 3 routes.

► When selecting "Info", "Information for 3 routes" screen is displayed.



No.	Information
1	Time necessary for the entire trip
2	Distance of the entire trip
3	Distance of the toll road
4	Distance of the motorway
5	Distance of the ferry
6	Distance of the car train

SUSPENDING GUIDANCE

- 1 Select "Menu" on the map screen.
- 2 Select "Suspend guidance".



RESUMING GUIDANCE

1 Select "Resume guidance".



1. ROUTE GUIDANCE SCREEN

During the route guidance, various types of guidance screens can be displayed depending on conditions.

ROUTE GUIDANCE SCREEN



No.	Information/Function
1	Guidance route
2	Distance to the next turn and an arrow indicating the turning direction
3	Current position
4	Route information bar $(\rightarrow P.137)$
5	Route information change button $(\rightarrow P.137)$

(INFORMATION)

- If the vehicle goes off the guidance route, the route is searched again.
- For some areas, the roads have not been completely digitized in our database. For this reason, the route guidance may select a road that should not be traveled on.
- When arriving at the set destination, the destination name will be displayed on the top of the screen. Selecting "Off" clears the display.

CHANGING ROUTE INFORMATION

The current street name, travel/arrival time to destination, or traffic information bar can be displayed on the map screen.

- 1 Select ···
- 2 Select the desired item.



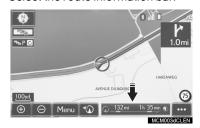
No.	Function	Page
1	Select to display the current street name.	_
2	Select to display the estimated arrival time.	137
3	Select to display the estimated travel time.	157
4	Select to display the traffic information bar.	139

■ ARRIVAL AND TRAVEL TIME

When the vehicle is on the guidance route, the distance with the estimated travel/arrival time to the destination is displayed.

When driving on the guidance route with more than 1 destination set, a list of the distance with estimated travel/arrival time from the current position to each destination is displayed.

- 1 Select "Arrival time" or "Travel time".
- 2 Select the route information bar.



► When arrival time is selected



► When travel time is selected



No.	Information/Function
1	Shows when more than 5 destinations are set. Select to display destination information on another page.
2	Displays the distance to the destination
3	Displays the estimated arrival time
4	Displays the estimated travel time

(INFORMATION)

• When the vehicle is on the guidance route, the distance measured along the route is displayed. Travel time and arrival time are calculated based on the set vehicle speed information. (→P.172) However, when the vehicle is not on the guidance route, the distance displayed is the linear distance between the current position and the destination. The arrow indicates the direction of the destination.

■ TRAFFIC INFORMATION

When traffic information is received, the traffic information bar is displayed.

The colour of the arrow indicates specific road conditions. Red indicates a closed road, accident, etc. Orange indicates a traffic jam. Blue indicates normal traffic flow. (Note that roads that are not covered by traffic information are also shown in blue.)

- 1 Select "Traffic bar".
- 2 Check that the traffic information is displayed.



No.	Information
1	Icon that shows road hazard points.
2	Arrow that shows traffic congestion.
3	Displays estimated travel time delay caused by road repairs, an accident, etc.

- When multiple destinations are set, traffic information icons are displayed up to the nearest destination area.
- When the distance to the destination is 65 miles (100 km) or more, traffic information icons are displayed up to 65 miles (100 km) away from the current position.

DURING MOTORWAY DRIVING

During motorway driving, this screen displays the distance and time to the junction/exit, or POIs in the vicinity of the motorway exit.



No./ Icon	Information/Function
1	Displays the exit number, junction name or POIs that are close to a motorway exit.
2	Distance and time from the current position to the road traffic facilities.
3	Select to display the nearest road traffic facilities from the current position.
P	Select to display the distance to the next and subsequent parking areas and parking area POIs.
Δ	Select to scroll to farther road traffic facilities.
V	Select to scroll to closer road traffic facilities.

WHEN APPROACHING MOTORWAY EXIT OR JUNCTION

When the vehicle approaches an exit or junction, the motorway guidance screen will be displayed.

► With signpost motorway data



► Without signpost motorway data



No.	Information/Function
1	Next exit or junction name
2	Select to hide the motorway guidance screen. To return to the motorway guidance screen, select .
3	Distance from the current position to the exit or junction
4	Remaining distance bar to the guidance point

(INFORMATION)

 If "Automatic zoom" is set to on, these screens are not displayed. (→P.170)

WHEN APPROACHING INTERSECTION

When the vehicle approaches an intersection, the intersection guidance screen will be displayed.



No.	Information/Function
1	Next street name
2	Lane guidance
3	Select to hide the intersection guidance screen. To return to the intersection guidance screen, select
4	Distance to the intersection
5	Remaining distance bar to the guidance point

(INFORMATION)

 If "Automatic zoom" is set to on, this screen is not displayed. (→P.170)

TURN LIST SCREEN

- 1 Select "Turn list" on the "Map configuration" screen. (→P.99)
- 2 Check that the turn list screen is displayed.



No.	Information/Function
1	Next street or destination name
2	Turn direction
3	Distance between turns

ARROW SCREEN

On this screen, information about the next turn on the guidance route can be viewed.

- 1 Select "Arrow" on the "Map configuration" screen. (→P.99)
- 2 Check that the arrow screen is displayed.



No.	Information/Function
1	Exit number or street name
2	Turn direction
3	Distance to the next turn

2. TYPICAL VOICE GUIDANCE PROMPTS

As the vehicle approaches an intersection, or point, where maneuvering the vehicle is necessary, the system's voice guidance will provide various messages.



CAUTION

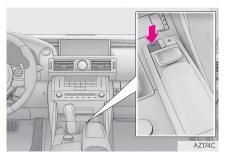
• Be sure to obey the traffic regulations and keep the road condition in mind especially when you are driving on IPD roads (roads that are not completely digitized in our database). The route guidance may not have the updated information such as the direction of a one way street.

(INFORMATION)

- If a voice guidance command cannot be heard, select on the map screen to hear it again.
- To adjust the voice guidance volume: →P.83
- Voice guidance may be made early or late.
- If the system cannot determine the current position correctly, you may not hear voice guidance or may not see the magnified intersection on the screen.

3. EDITING ROUTE

1 Press the "MENU" button on the 3 Select "Menu". Remote Touch.



2 Select "Nav".

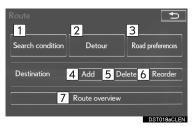




4 Select "Route".



5 Select the items to be set.



No.	Function	Page
1	Select to set search conditions.	147
2	Select to set detours.	147
3	Select to set road preferences.	148
4	Select to add destinations.	145
5	Select to delete destinations.	146
6	Select to reorder destinations.	146
7	Select to display route overview.	149

6 Check that the entire route map is displayed. (→P.133)

ADDING DESTINATIONS

- **1** Display the "Route" screen. (→P.144)
- 2 Select "Add".
- 3 Search for an additional destination in the same way as a destination search. (→P.116)
- 4 Select "Add destination here" to insert the new destination into the route.



REORDERING DESTINATIONS

When more than 1 destination has been set, the arrival order of the destinations can be changed.

- 1 Display the "Route" screen. $(\rightarrow P.144)$
- 2 Select "Reorder".
- 3 Select the desired destination and select "Move up" or "Move down" to change the arrival order. Then select "OK".



DELETING DESTINATIONS

- 1 Display the "Route" screen. $(\rightarrow P.144)$
- 2 Select "Delete".
- 3 Select "Yes" when the confirmation screen appears.
- When more than 1 destination is set, a list will be displayed on the screen.



"Delete all": Select to delete all destinations on the list.

 If more than 1 destination has been set, the system will recalculate the route(s) to the set destination(s) as necessary.

SETTING SEARCH CONDITION

Road conditions of the route to the destination can be set.

- 1 Display the "Route" screen. $(\rightarrow P.144)$
- 2 Select "Search condition".
- **3** Select the desired type and select "OK".



DETOUR SETTING

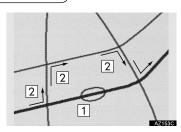
During the route guidance, the route can be changed to detour around a section of the route where a delay is caused by road repairs, an accident, etc.

- 1 Display the "Route" screen. $(\rightarrow P.144)$
- 2 Select "Detour".
- **3** Select the desired detour distance.



No.	Function
1	Select to detour within 1 mile of the current position.
2	Select to detour within 3 miles of the current position.
3	Select to detour within $5\mathrm{miles}$ of the current position.
4	Select to detour on the entire route.
5	Select to make the system search for the route based on the traffic congestion information received from traffic information. (\rightarrow P.109)

(INFORMATION)



- This picture shows an example of how the system would guide around a delay caused by a traffic jam.
- 1 This position indicates the location of a traffic jam caused by road repairs, an accident, etc.
- 2 This route indicates the detour suggested by the system.
- When the vehicle is on a motorway, the detour distance selections are 5, 15 and 25 miles (or 5, 15 and 25 km if units are in km).
- The system may not be able to calculate a detour route depending on the selected distance and surrounding road conditions.

ROAD PREFERENCE

The conditions to determine the route can be selected from various choices such as motorway, toll roads, etc.

- 1 Display the "Route" screen. $(\rightarrow P.144)$
- 2 Select "Road preferences".
- 3 Select the desired road preferences and select "OK".



• When set to on, the indicator will illuminate.

ROUTE OVERVIEW

The entire route from the current position to the destination can be viewed during route guidance.

- 1 Display the "Route" screen. $(\rightarrow P.144)$
- 2 Select "Route overview".
- 3 Check that the entire route map is displayed.



No.	Function	Page
1	Select to display a list of the turns required to reach the destination.	149
2	Select to change the route.	144
3	Select to start guidance.	_

■ TURN LIST

The turn list on the guidance route can be viewed.

- 1 Select "Turn list".
- 2 Check that the turn list is displayed.



No.	Information
1	Current position
2	Distance to the next turn
3	Turn direction at the intersection
4	Select to display the map of the selected point.

(INFORMATION)

• 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 2 or more towns), the name change will not appear on the list. The street names will be displayed in order from the starting point, along with the distance to the next turn.

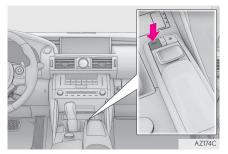
1. MY MEMORY SETTINGS

Points or areas on the map screen can be registered.

The registered points can be used on the "Destination" screen. $(\rightarrow P.116)$

Registered areas to avoid, will be avoided when the system searches for a route.

1 Press the "MENU" button on the Remote Touch.



2 Select "Nav".



3 Select "Menu".



4 Select "My memory".



5 Select the desired items to be set.



No.	Function	Page
1	Select to set home.	151
2	Select to set the memory points.	155
3	Select to set quick access.	153
4	Select to set areas to avoid.	162
5	Select to set route traces.	165
6	Select to copy from a USB memory.	169
7	Select to backup to a USB memory.	167

SETTING UP HOME

If a home has been registered, that information can be recalled by selecting "Home" on the "Destination" screen. (→P.119)

- 1 Display the "My memory" screen. (→P.150)
- 2 Select "Home".
- 3 Select the desired item.



No.	Function	Page
1	Select to register home.	152
2	Select to edit home.	152
3	Select to delete home.	153

REGISTERING HOME

- 1 Select "Register".
- 2 Select the desired item to search for the location. $(\rightarrow P.116)$
- 3 Select "OK" when the editing home screen appears. (→P.152)

EDITING HOME

- 1 Select "Edit".
- 2 Select the desired item to be edited.



	MEMOSSSE.	
No.	Function	Page
1	Select to change the icon to be displayed on the map screen.	157
2	Select to edit the home name.	158
3	Select to display the home name on the map screen. When set to on, the indica- tor will illuminate.	_
4	Select to edit location information.	158
5	Select to edit the telephone number.	158

3 Select "OK".

DELETING HOME

- 1 Select "Delete".
- 2 Select "Yes" when the confirmation screen appears.

SETTING UP QUICK ACCESS

If quick access has been registered, that information can be recalled by using the quick access screen buttons on the "Destination" screen. (→P.120)

- 1 Display the "My memory" screen. (→P.150)
- 2 Select "Quick access".
- 3 Select the desired item.



No.	Function	Page
1	Select to register quick access.	154
2	Select to edit quick access.	154
3	Select to delete quick access.	155

REGISTERING QUICK ACCESS

- 1 Select "Register".
- 2 Select the desired item to search for the location. (→P.116)
- 3 Select a position for this quick access.



4 Select "OK" when the editing quick access screen appears. (→P.154)

(INFORMATION)

Up to 5 preset destinations can be registered.

EDITING QUICK ACCESS

- 1 Select "Edit".
- 2 Select the desired quick access.
- 3 Select the desired item to be edited.



No.	Function	Page
1	Select to change the icon to be displayed on the map screen.	157
2	Select to edit the quick access name.	158
3	Select to display the quick access name on the map screen. When set to on, the indicator will illuminate.	_
4	Select to edit location information.	158
5	Select to edit the telephone number.	158

4 Select "OK".

DELETING QUICK ACCESS

- 1 Select "Delete".
- 2 Select the quick access to be deleted and select "Delete".



3 Select "Yes" when the confirmation screen appears.

SETTING UP MEMORY POINTS

Points or areas on the map screen can be registered.

- **1** Display the "My memory" screen. (→P.150)
- 2 Select "Memory points".
- 3 Select the desired item.



No.	Function	Page
1	Select to register memory points.	156
2	Select to edit memory points.	156
3	Select to delete memory points.	159
4	Select to register external points.	382
5	Select to edit or delete stored routes.	160

REGISTERING MEMORY POINTS

- 1 Select "Register".
- 2 Select the desired item to search for the location. (→P.116)
- 3 Select "OK" when the editing memory point screen appears. (→P.156)

(INFORMATION)

- Up to 500 memory points can be registered.
- When registering establishments that were set as destinations using an online search, select "Previous".

EDITING MEMORY POINTS

The icon, name, location, telephone number and/or group of a registered memory point can be edited.

- 1 Select "Edit".
- **2** Select the desired memory point.
- 3 Select the desired item to be edited.



No.	Function	Page
1	Select to change the icon to be displayed on the map screen.	157
2	Select to edit the memory point name.	158
3	Select to display the memory point name on the map screen. When set to on, the indicator will illuminate.	_
4	Select to edit location information.	158
5	Select to edit the telephone number.	158
6	Select to register group.	158

4 Select "OK".

■ CHANGING THE MARK

- 1 Select "Mark".
- 2 Select the desired icon.



 Change pages by selecting the "Page 1", "Page 2" or "With sound" tab.

"With sound": Select the memory points with a sound.

► When "With sound" is selected

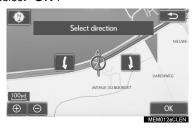
A sound for some memory points can be set. When the vehicle approaches the location of the memory point, the selected sound will be heard.

- 1 Select the "With sound" tab.
- 2 Select the desired sound icon.



: Select to play the sound.

 When "Bell (with direction)" is selected, select an arrow to adjust the direction and select "OK".



(INFORMATION)

 The bell sounds only when the vehicle approaches this point in the direction that has been set.

■ CHANGING THE NAME

- 1 Select "Name".
- 2 Enter the desired name and select "OK".

■ CHANGING THE LOCATION

- 1 Select "Location".
- 2 Scroll the map to the desired point $(\rightarrow P.103)$ and select "OK".

■ CHANGING TELEPHONE NUMBER

- 1 Select "Tel. no.".
- 2 Enter the number and select "OK".

■ SETTING THE GROUP

Memory point groups can be set and changed.

- 1 Select "Group".
- 2 Select the group the memory point is to be registered with.



- ► To register a new group
- 1 Select "New group".
- 2 Enter the group name and select "OK".
- ► To edit group name
- 1 Select the group to be edited.
- 2 Select "Edit name".



- 3 Enter the group name and select "OK".
- ► To delete group
- 1 Select "Delete group".
- 2 Select the group to be deleted and select "delete".
- 3 Select "Yes" when the confirmation screen appears.

DELETING MEMORY POINTS

- 1 Select "Delete".
- 2 Select the memory point to be deleted and select "Delete".

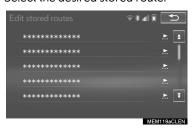


3 Select "Yes" when the confirmation screen appears.

EDITING STORED ROUTES

Destinations of stored routes can be changed and deleted. Also, the arrival order of destinations can be changed. Importing stored routes: →P.382

- 1 Select "Stored routes".
- 2 Select "Edit".
- **3** Select the desired stored route.



4 Select the desired item to be edited.



No.	Function	Page
1	Select to edit the route name.	158
2	Select to edit the locations.	158
3	Select to reorder destinations.	161
4	Select to delete destinations.	161

■ REORDERING DESTINATIONS

- 1 Select "Reorder".
- 2 Select the desired destination and select "Move up" or "Move down" to change the arrival order. Then select "OK".



■ DELETING DESTINATIONS

- 1 Select "Delete".
- 2 Select the destination to be deleted and select "Delete".



3 Select "Yes" when the confirmation screen appears.

DELETING STORED ROUTES

- 1 Select "Stored routes".
- 2 Select "Delete".
- 3 Select the stored route to be deleted and select "Delete".



4 Select "Yes" when the confirmation screen appears.

SETTING UP AREA TO AVOID

Areas to be avoided because of traffic jams, construction work or other reasons can be registered as "Area to avoid".

- 1 Display the "My memory" screen. (→P.150)
- 2 Select "Area to avoid".
- 3 Select the desired item.



No.	Function	Page
1	Select to register areas to avoid.	162
2	Select to edit areas to avoid.	163
3	Select to delete areas to avoid.	164

REGISTERING AREA TO AVOID

- 1 Select "Register".
- 2 Select the desired item to search for the location. (→P.116)
- 3 Scroll the map to the desired point (→P.103) and select "Enter".
- 4 Select either or to to change the size of the area to be avoided and select "OK".



5 Select "OK" when the editing area to avoid screen appears. (→P.163)

(INFORMATION)

- If a destination is entered in the area to avoid or the route calculation cannot be made without running through the area to avoid, a route passing through the area to be avoided may be shown.
- Up to 10 locations can be registered as points/areas to avoid.

EDITING AREA TO AVOID

The name, location and/or area size of a registered area can be edited.

- 1 Select "Edit".
- 2 Select the area.



3 Select the item to be edited.



No.	Function	Page
1	Select to turn the area to avoid function on/off. When set to on, the indicator will illuminate.	_
2	Select to edit the name of the area to avoid.	164
3	Select to display the name of the area to avoid on the map screen. When set to on, the indicator will illuminate.	_
4	Select to edit the area location.	164
5	Select to edit the area size.	164

4 Select "OK".

■ CHANGING THE NAME

- 1 Select "Name".
- 2 Enter the desired name and select "OK".

■ CHANGING THE LOCATION

- 1 Select "Location".
- 2 Scroll the map to the desired point (→P.103) and select "OK".

■ CHANGING THE AREA SIZE

- 1 Select "Area size".
- 2 Select either or to to change the size of the area to be avoided and select "OK".



DELETING AREA TO AVOID

- Select "Delete".
- 2 Select the area to be deleted and select "Delete".



3 Select "Yes" when the confirmation screen appears.

SETTING UP ROUTE TRACE

Route traces $(\rightarrow P.106)$ can be edited or deleted.

- 1 Display the "My memory" screen. (→P.150)
- 2 Select "Route trace".
- 3 Select the desired item.



No.	Function	Page
1	Select to edit route traces.	165
2	Select to delete route traces.	166

EDITING ROUTE TRACES

The route trace name can be edited and start and end points can be confirmed.

- 1 Select "Edit".
- 2 Select the desired route trace.



3 Select the desired item.



No.	Function
1	Select to edit route trace names. $(\rightarrow P.166)$
2	Select to display registered route traces on the map screen. When set to on, the indicator will illuminate.
3	Select to confirm the start point on the map screen.
4	Select to confirm the end point on the map screen.

4 Select "OK".

■ CHANGING THE NAME

- 1 Select "Name".
- 2 Enter the desired name and select "OK".

DELETING ROUTE TRACES

- 1 Select "Delete".
- 2 Select the route trace to be deleted and select "delete".



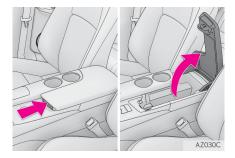
3 Select "Yes" when the confirmation screen appears.

BACKUPTO A USB MEMORY

Memory points registered in the navigation system can be copied to a USB memory.

A password must first be set in order to back up data. $(\rightarrow P.168)$

- Exporting memory point data is for your back-up use only and distribution or usage in other system is strictly prohibited.
- 1 Press the button to release the lock and lift the armrest.



2 Open the cover and connect a USB memory.



- Turn on the power of the USB memory if it is not turned on.
- 3 Close the console box.
- 4 Display the "My memory" screen. $(\rightarrow P.150)$
- 5 Select "Backup to USB".

6 Select "Start backup".



"Set password": Select to set a password. (→P.168)

- 7 Enter the password and select "OK".
- **8** Check that a progress bar is being displayed while the data backup is in progress.
- To cancel this function, select "Cancel".
- 9 Check that a confirmation screen is displayed when the operation is complete.

(INFORMATION)

- In the following situations, the memory point cannot be backed up to a USB memory:
 - When the memory point was registered using "UK Postal code" or "NL Postal code"
 - When the memory point was registered using connected service

SETTING PASSWORD

Once a password has been set, it will be requested not only to back up data, but also when copying memory points from a USB memory to the navigation system.

1 Select "Set password".



- 2 Enter a password and select "OK".
- **3** For confirmation, re-enter the password.

(INFORMATION)

- If you have forgotten the password:
 - It is necessary to initialize personal data using "Delete personal data". (→P.82)
 - Contact any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.

COPYING FROM A USB MEMORY

Memory points that have been backed up can be downloaded to the navigation system using a USB memory.

To use this function, it is necessary to connect a USB memory to the system. $(\rightarrow P.167)$

- 1 Display the "My memory" screen. (→P.150)
- 2 Select "Copy from USB".
- If a password has already been set, enter the password. For instructions on setting a password: →P.168
- If there are multiple memory points stored on the USB memory, select the memory points to be copied and select "Start".



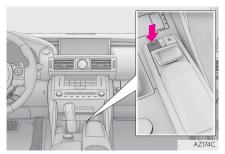
- 3 Check that a progress bar is being displayed while the data copy is in progress.
- To cancel this function, select "Cancel".
- 4 Check that a confirmation screen is displayed when the operation is complete.

(INFORMATION)

- Memory points that are located outside of the map's data range cannot be registered.
- A maximum of 500 memory points can be registered.
- When there are 21 or more memory points stored on a USB memory, only 20 memory points will be displayed at a time.
- If memory points which have the same name are already stored in the navigation system, the system may not update those memory points.

1. NAVIGATION SETTINGS

1 Press the "MENU" button on the 3 Select "Navigation". Remote Touch.



2 Select "Setup".





4 Select the items to be set.



NAVIGATION SETTINGS SCREEN





No.	Function	Page
1	Detailed connected service settings can be changed.	389
2	Select to set the average vehicle speed.	172
3	Select to set displayed POI icon categories.	172

NI	Г е	D
No.	Function	Page
4	Select to set display of 3D landmarks on/off.	_
5	Select to set speed limit information on/off.	_
6	Select to set the automatic zooming function on/off. (When the vehicle ap- proaches a guidance point)	_
7	Select to set display of cautionary messages on/off. (e.g., When the route includes traffic restrictions or seasonally restricted roads.)	_
8	Select to set display of pop- up messages on/off.	_
9	Select to adjust the current position mark manually. Miscalculation of the distance caused by tyre replacement can also be adjusted.	173
10	Coverage areas and legal information can be displayed.	187
11	Select to reset all setup items.	_

AVERAGE SPEED

The speed that is used for the calculation of the estimated travel time and estimated arrival time can be set.

- 1 Display the "Navigation settings" screen. (→P.170)
- 2 Select "Average speed".
- 3 Select "<" or ">" to set the average vehicle speeds.



"Default": Select to set the default speeds.
"Consider traffic info": Select to set use settings based on traffic information.

(INFORMATION)

- The displayed time to the destination is the approximate driving time that is calculated based on the selected speeds and the actual position along the guidance route.
- The time shown on the screen may vary greatly depending on progress along the route, which may be affected by conditions such as traffic jams and construction work.

POICATEGORY CHANGE (SELECT POIICONS)

Up to 6 POI icons, which are used for selecting POIs on the map screen, can be selected as favourites.

- **1** Display the "Navigation settings" screen. (→P.170)
- 2 Select "Select POI icons".
- **3** Select the category to be changed.



"Default": Select to set the default categories.

4 Select the desired category.



"List all categories": Select to display all POI categories.

5 Select the desired POI icon.

CURRENT POSITION/TYRE CHANGE CALIBRATION

The current position mark can be adjusted manually. Miscalculation of the distance caused by tyre replacement can also be adjusted.

- 1 Display the "Navigation settings" screen. (→P.170)
- 2 Select "Calibration".
- 3 Select the desired item.



For additional information on the accuracy of a current position: →P.184

POSITION/DIRECTION CALI-BRATION

When driving, the current position mark will be automatically corrected by GPS signals. If GPS reception is poor due to location, the current position mark can be adjusted manually.

- 1 Select "Position / Direction".
- 2 Scroll the map to the desired point (→P.103) and select "OK".
- 3 Select an arrow to adjust the direction of the current position mark and select "OK".



■ TYRE CHANGE CALIBRATION

The tyre change calibration function will be used when replacing the tyres. This function will adjust miscalculation caused by the circumference difference between the old and new tyres.

- 1 Select "Tyre change".
- The message appears and the quick distance calibration is automatically started.

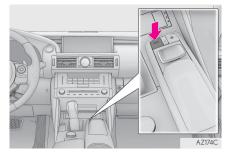
(INFORMATION)

 If this procedure is not performed when the tyres are replaced, the current position mark may be incorrectly displayed.

2. TRAFFIC AND PARKING SETTINGS

Settings are available for displaying traffic information icons, receivable traffic stations, parking information icons etc.

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Info".



4 Select "Traffic" or "Parking".



5 Select the items to be set.



TRAFFIC AND PARKING SETTINGS SCREEN

► Traffic info settings screen





► Parking info settings screen



No.	Function	Page
1	Select to set voice guidance for traffic information on/off.	_
2	Select to set display of traffic information icon.	177
3	Select to set the avoid traf- fic events function auto/ manual.	178
4	Select to set a detoured route search on/off. (When traffic jams, etc. are predict- ed)	_
5	Select to set selection of traffic stations auto/manual.	179
6	The selected station is displayed.	_
7	Select to receive TPEG traffic information.	179
8	Select to enable the roaming function of TPEG traffic information.	181

No.	Function	Page
9	Traffic information can set to be received automatical- ly, or to receive RDS-TMC traffic information only.	182
10	Select to set display of parking icons on the map screen on/off.	_
11	Select to receive parking lot information.	182
12	Select to enable the roaming function of parking lot information.	183
13	Select to reset all setup items.	_

SHOW TRAFFIC INFO

- Display the "Traffic info settings" screen.
 (→P.175)
- 2 Select "Show traffic info".
- 3 Select the desired icons to be displayed on the map screen.



"All on": Select to select all icons in the traffic information.

"All off": Select to cancel all the selections.

 For more details on traffic information icons: →P.109

AVOID TRAFFIC EVENTS

- Display the "Traffic info settings" screen.
 (→P.175)
- 2 Select "Avoid traffic events".
- 3 Select the desired item.



No.	Function
1	Select to automatically change routes when traffic information of the guidance route has been received.
2	Select to select manually whether or not to change routes when traffic in- formation of the guidance route has been received. In this mode, a screen will appear to ask if you wish to re- route. (→P.178)
3	Select to not reroute when traffic information for the guidance route has been received.

■ CHANGING THE ROUTE MANU-ALLY

When the navigation system calculates a new route, the following screen will be displayed.

1 Select the desired item.



No.	Function
1	Select to start route guidance using the new route.
2	Select to confirm the new route and current route on the map screen. "New route" or "Old route" can be selected.
3	Select to continue the current route guidance.

RDS-TMC STATION

If "Manual" is selected, traffic stations must be searched for before being memorized.

- Display the "Traffic info settings" screen.
 (→P.175)
- 2 Select "RDS-TMC station".
- 3 Select "Manual".



- A list of traffic stations and the country in which it can be received is displayed.
- 4 Select the desired traffic station.



"Search": Select to search for traffic station again.

SETTING TPEG TRAFFIC INFORMATION UPDATE FREQUENCY

TPEG traffic information can be received via Wi-Fi[®] or a Bluetooth[®] device. This information can be set to update automatically or manually.

- Display the "Traffic info settings" screen. (→P.175)
- 2 Select "Live update (Internet) (Wi-Fi*1 & Bluetooth*2)".
- *1: Wi-Fi is a registered mark of the Wi-Fi Alliance[®].
- *2: Bluetooth is a registered trademark of Bluetooth SIG. Inc.

3 Select the desired item.



No.	Function
1	Select to update automatically more frequently.
2	Select to update automatically less frequently.
3	Select to update manually. $(\rightarrow P.180)$
4	Select to cancel TPEG traffic information reception via Wi-Fi [®] or a Bluetooth [®] device.

■UPDATING THE INFORMATION MANUALLY

Traffic and parking lot information can be updated on the map screen.

- 1 Select the manual update button.
- 2 Select the desired item.



No.	Function
1	Select to update the traffic information.
2	Select to update the parking lot information.
3	Select to update the traffic and parking lot information.

ENABLING TPEG TRAFFIC INFORMATION ROAMING

The roaming function of TPEG traffic information received via a Bluetooth [®] device can be enabled for roaming situations (when outside the geographical coverage area of your mobile network provider). This information can be set to update automatically or manually.

- Display the "Traffic info settings" screen.
 (→P.175)
- 2 Select "Live update (Internet) (Roaming with Bluetooth*)".
- *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

3 Select the desired item.



No.	Function
1	Select to update automatically more frequently.
2	Select to update automatically less frequently.
3	Select to update manually. $(\rightarrow P.180)$
4	Select to cancel TPEG traffic information reception via a Bluetooth device.

SELECTING TRAFFIC INFORMATION SOURCE

Traffic information source can be set to receive automatically, or to receive RDS-TMC traffic information only.

- Display the "Traffic info settings" screen.
 (→P.175)
- 2 Select "Traffic Source selection".
- 3 Select the desired item.



No.	Function
1	Select to automatically select a traf- fic information source. When both RDS-TMC and TPEG are available, TPEG traffic information will be se- lected automatically.
2	Select to receive only RDS-TMC traffic information.

SETTING PARKING LOT INFORMATION UPDATE FREQUENCY

Parking lot information can be received via Wi-Fi[®] or a Bluetooth[®] device. This information can be set to update automatically or manually.

- 1 Display the "Parking info settings" screen. (→P.175)
- 2 Select "Live update (Internet) (Wi-Fi^{*1} & Bluetooth^{*2})".
- 3 Select the desired item.



No.	Function
1	Select to update automatically.
2	Select to update manually. $(\rightarrow P.180)$
3	Select to cancel parking lot information reception via Wi-Fi $^{\circledR}$ or a Bluetooth $^{\circledR}$ device.

- *1: Wi-Fi is a registered mark of the Wi-Fi Alliance®.
- *2: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

ENABLING PARKING LOT INFORMATION ROAMING

The roaming function of parking lot information received via a Bluetooth [®] device can be enabled for roaming situations (when outside the geographical coverage area of your mobile network provider). This information can be set to update automatically or manually.

- 1 Display the "Parking info settings" screen. (→P.175)
- 2 Select "Live update (Internet) (Roaming with Bluetooth*)".
- *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

3 Select the desired item.



No).	Function		
1]	Select to update automatically.		
2]	$ \begin{array}{lll} \text{Select} & \text{to} & \text{update} & \text{manually.} \\ (\rightarrow \text{P.180}) & & \end{array} $		
3		Select to cancel parking lot information reception via a Bluetooth $^{\textcircled{\mathbb{B}}}$ device.		

1. GPS (GLOBAL POSITIONING SYSTEM)

LIMITATIONS OF THE NAVIGATION SYSTEM

This navigation system calculates the current position using satellite signals, various vehicle signals, map data, etc. However, an accurate position may not be shown depending on satellite conditions, 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 position, normally using 4 or more satellites, and in some case 3 satellites. The GPS system has a certain level of inaccuracy. While the navigation system compensates for this most of the time, occasional positioning errors of up to 100 yd. (100 m) can and should be expected. Generally, position errors will be corrected within a few seconds.



When the vehicle is receiving signals from 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 screen. Tunnels, tall buildings, trucks, or even the placement of objects on the instrument panel may obstruct the GPS signals.

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

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



NOTICE

• The installation of window tinting may obstruct the GPS signals. Most window tinting contains some metallic content that will interfere with GPS signal reception of the antenna in the instrument panel. We advise against the use of window tinting on vehicles equipped with navigation systems.

- Accurate current position may not be shown in the following cases:
 - When driving on a small angled Y-shaped road.
 - When driving on a winding road.
 - When driving on a slippery road such as in sand, gravel, snow, etc.
 - When driving on a long straight road.
 - When motorway 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 direction by going forward and backward, or turning on a turntable in a parking lot.
 - When leaving a covered parking lot or parking garage.
 - When a roof carrier is installed.
 - · When driving with tyre chains installed.
 - When the tyres are worn.
 - After replacing a tyre or tyres.
 - When using tyres that are smaller or larger than the factory specifications.
 - When the tyre pressure in any of the 4 tyres is not correct.
- If the vehicle cannot receive GPS signals, the current position can be adjusted manually. (→P.173)

- Inappropriate route guidance may occur in the following cases:
 - When turning at an intersection off the designated route guidance.
 - If you set more than 1 destination but skip any of them, auto reroute will display a route returning to the destination on the previous route.
 - When turning at an intersection for which there is no route guidance.
 - When passing through an intersection for which there is no route guidance.
 - During auto reroute, the route guidance may not be available for the next turn to the right or left.
 - During high speed driving, it may take a long time for auto reroute to operate. In auto reroute, a detour route may be shown.
 - After auto reroute, the route may not be changed.
 - If an unnecessary U-turn is shown or announced.
 - If a location has multiple names and the system announces 1 or more of them.
 - When a route cannot 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, season or other reasons.
- The road and map data stored in the navigation system may not be complete or may not be the latest version.
- After replacing a tyre: \rightarrow P.174

(INFORMATION)

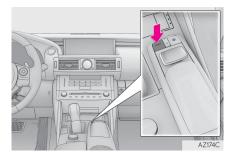
• This navigation system uses tyre turning data and is designed to work with factoryspecified tyres for the vehicle. Installing tyres that are larger or smaller than the originally equipped diameter may cause inaccurate display of the current position. The tyre pressure also affects the diameter of the tyres, so make sure that the tyre pressure of all 4 tyres is correct.

2. MAP DATABASE VERSION AND COVERED AREA

MAP DATA

Coverage areas and legal information can be displayed.

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Navigation".



4 Select "Map data".



5 Check that the map data screen is displayed.



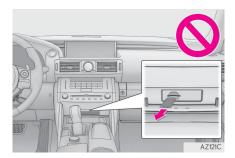
No.	Function
1	Map version
2	Select to display legal information.
3	Select to display map data coverage areas.

(INFORMATION)

Map data updates are available for a fee.
 Contact your Lexus dealer for further information.

ABOUT THE MAP DATA

Map data for the navigation system is contained in a microSD card that is inserted in the microSD card slot located at the bottom of the audio control panel. Do not eject the microSD card, as doing so may deactivate the navigation system.



NOTICE

 Do not edit or delete the map data on the microSD card, as doing so may deactivate the navigation system.

(INFORMATION)



 microSDHC Logo is a trademark of SD-3C,LLC.

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VTR OPTIONS247

For vehicles sold outside Europe, some of the functions cannot be operated while driving.

1. QUICK REFERENCE

Operations such as selecting a preset station and adjusting the sound balance are carried out on the screen.

► Using the instrument panel

Press the "RADIO" or "MEDIA" button to display the audio/visual screen.

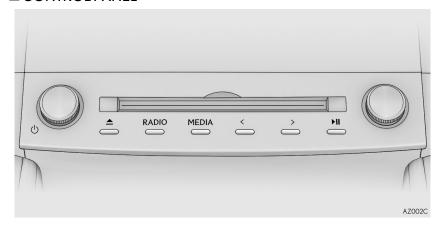
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio/visual screen.

■ CONTROL SCREEN



■ CONTROL PANEL



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(INFORMATION)

- The illustration is for left-hand drive vehicles.
- The button positions and shapes will differ for right-hand drive vehicles.
- Also, the display and button positions will differ depending on the type of the system.

2. SOME BASICS

This section describes some of the basic features of the audio/visual system. Some information may not pertain to your system.

Your audio/visual system works when the engine <power> switch is in ACCES-SORY or IGNITION ON <ON> mode.



NOTICE

To prevent the 12-volt battery from being discharged, do not leave the audio/visual system on longer than necessary when the engine is not running <the hybrid system is not operating>.

CERTIFICATION

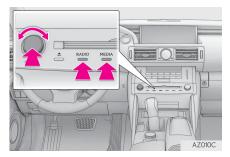
CAUTION:

• This product is a class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007, and contains a class 1M laser module. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

CLASS 1 LASER PRODUCT

CAUTION - CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

TURNING THE SYSTEM ON AND OFF



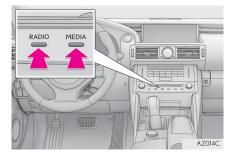
Power/Volume knob: Press to turn the audio/visual system on and off. The system turns on in the last mode used. Turn this knob to adjust the volume.

"RADIO", "MEDIA" button: Press to display screen buttons for the audio/visual system.

 A function that enables automatic return to the previous screen from the audio/ visual screen can be selected. (→P.75)

SELECTING AN AUDIO SOURCE

- ► Using the instrument panel
- 1 Each time the "RADIO" or "MEDIA" button is pressed, the audio control mode changes.



"RADIO" button: To display the radio operation screen.

"MEDIA" button: To display the external media operation screen.

- ► Using the Remote Touch
- 1 Press the "MENU" button on the Remote Touch.



2 Select "Audio".



3 Select "Source".



4 Select the desired source.



(INFORMATION)

Dimmed screen buttons cannot be operated.

REORDERING THE AUDIO SOURCE

1 Select "Source".



2 Select "Reorder".



3 Select the desired audio source then "<" or ">" to reorder.



DISC SLOT

INSERTING A DISC

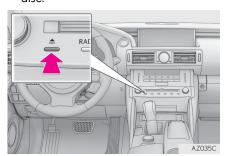
1 Insert a disc into the disc slot.



• After insertion, the disc is automatically loaded.

EJECTING A DISC

1 Press the ▲ button and remove the disc.





NOTICE

 Never try to disassemble or oil any part of the DVD player. Do not insert anything other than a disc into the slot.

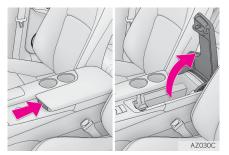
(INFORMATION)

- The player is intended for use with 4.7 in. (12 cm) discs only.
- When inserting a disc, gently insert the disc with the label facing up.

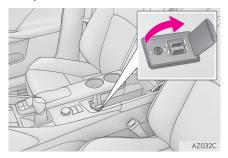
USB/AUX PORT

There are 2 USB ports and an AUX port in the console box.

 Press the button to release the lock and lift the armrest.



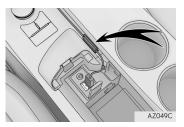
2 Open the cover and connect a device.



- Turn on the power of the device if it is not turned on.
- 3 Close the console box.

(INFORMATION)

To fully close the console box with the cable routed to outside the console box, insert the cable into the holder.

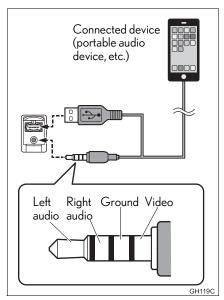


- Up to two portable players can be connected to the USB port at the same time.
- Even if a USB hub is used to connect more than two USB devices, only the first two connected devices will be recognized.

USING A 4-POLE AUX CABLE

To view a video on an iPod video or VTR, it is necessary to use a 4-pole AUX cable to connect the portable audio device.

When connecting a portable audio device to the AUX port, use a 4-pole AUX cable with a plug that matches the exact layout shown in the illustration.



 When using an iPod video, a cable that has a 4-pole AUX plug and a USB connector is necessary. Connect the plug and connector to the AUX and USB ports.

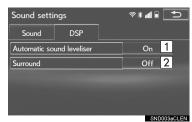
(INFORMATION)

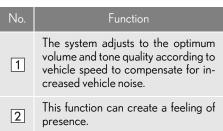
 If a 4-pole AUX cable with a different layout is used, audio and/or video may not be output properly.

SOUND SETTINGS

DSPCONTROL

- 1 Select "Sound settings" on the "Audio settings" screen. (→P.250)
- 2 Select the "DSP" tab.





3 Select the desired items to be set.

TONE AND BALANCE

TONE:

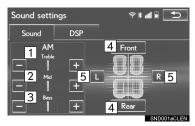
How good an audio program sounds is largely determined by the mix of the treble, mid and bass levels. In fact, different kinds of music and vocal programs usually sound better with different mixes of treble, mid and bass.

BALANCE:

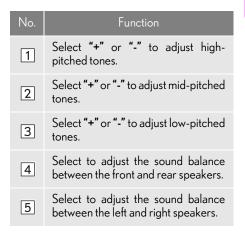
A good balance of the left and right stereo channels and of the front and rear sound levels is also important.

Keep in mind that when listening to a stereo recording or broadcast, changing the right/left balance will increase the volume of 1 group of sounds while decreasing the volume of another.

1 Select the "Sound" tab.



2 Select the desired screen button.



AUDIO SCREEN ADJUSTMENT

SCREEN SIZE SETTINGS

The screen size can be selected for each type of media.

- ► DVD video/iPod video/VTR
- 1 Select "Options" on the control screen.
- 2 Select "Wide" on the options screen.
- ► USB video
- 1 Select "Options" on the control screen.
- 2 Select "Screen format" on the options screen.
- **3** Select the desired item to be adjusted.



No.	Function
1	Select to display a $4:3$ screen, with either side in black.
2	Select to enlarge the image horizontally and vertically to full screen.
3	Select to enlarge the image by the same ratio horizontally and vertically.

CONTRAST, BRIGHTNESS, COLOUR AND TONE ADJUSTMENT

The brightness, contrast, colour and tone of the screen can be adjusted.

- ► DVD video/USB video/iPod video/VTR
- 1 Select "Options" on the control screen.
- 2 Select "Display" on the option screen.

3 Select the desired item to be adjusted.



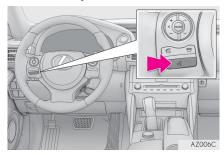
Screen button	Function
"Colour" "R"	Select to strengthen the red colour of the screen.
"Colour" "G"	Select to strengthen the green colour of the screen.
"Tone" "+"	Select to strengthen the tone of the screen.
"Tone" "-"	Select to weaken the tone of the screen.
"Contrast" "+"	Select to strengthen the contrast of the screen.
"Contrast" "-"	Select to weaken the contrast of the screen.
"Brightness" "+"	Select to brighten the screen.
"Brightness" "-"	Select to darken the screen.

(INFORMATION)

• Depending on the audio source, some functions may not be available.

SPEECH COMMAND SYSTEM

1 Press this switch to operate the speech command system.



 The speech command system and its list of commands can be operated. (→P.274)

1. AM/FM/DAB RADIO

OVERVIEW

The radio operation screen can be reached by the following methods:

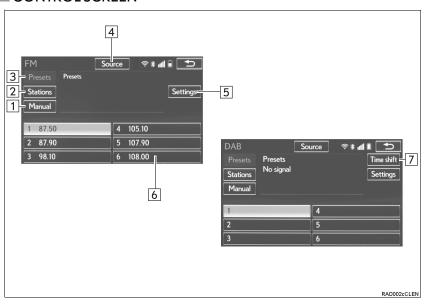
► Using the instrument panel

Press the "RADIO" button to display the audio control screen.

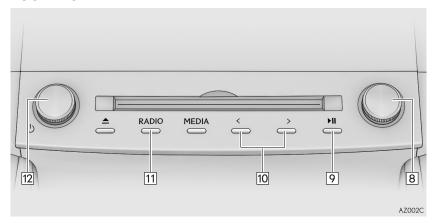
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio control screen.

■ CONTROL SCREEN



■ CONTROL PANEL



No.	Function
1	Select to display the manual tuning screen.
2	Select to display the station list screen.
3	Select to display the preset station screen.
4	Select to display the audio source selection screen.
5	Select to display the audio setting screen.
6	Select to tune to preset stations/ensembles.
7	Select to display the time shift operation screen.
8	Tune/Scroll knob: • "Presets" screen: Turn to select preset stations/ensembles. • "Stations" screen: Turn to move up/down the list. • Manual tuning screen: Turn to step up/down frequencies or change services. • "DAB time shift" screen: Turn to jump forward/backwards.
9	Press to turn mute on/off.
10	 Press to move up/down the preset stations/ensembles. Press to move up/down the station list. Press and hold 0.8 sec. or more to seek up/down available stations/ensembles continuously while the button is being pressed.
11	 Press to select a radio mode. While in a radio mode, pressing the "RADIO" button changes radio modes.
12	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.

(INFORMATION)

- The radio automatically changes to stereo reception when a stereo broadcast is received.
- If the signal becomes weak, the radio reduces the amount of channel separation to prevent the weak signal from creating noise. If the signal becomes extremely weak, the radio switches from stereo to mono reception.

PRESETTING A STATION

Up to 6 preset stations can be registered.

- 1 Tune in the desired station.
- 2 Select one of the screen buttons (1-6) and hold it until a beep is heard.



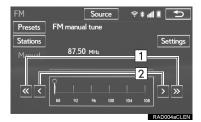
- The station's frequency will be displayed in the screen button.
- To change the preset station to a different one, follow the same procedure.

MANUAL TUNING

- ► AM/FM
- Select "Manual".



2 Tune the desired station.



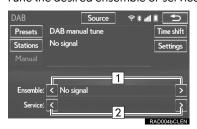
No.	Function
1	Select to seek up/down for a station.
2	Select to step up/down frequencies.

▶DAB

1 Select "Manual".



2 Tune the desired ensemble or service.





RDS (RADIO DATA SYSTEM)

Depending on the availability of RDS infrastructure, the service may not function properly.

AF (ALTERNATIVE FREQUENCY) FUNCTION

A station providing good reception is automatically selected if current reception worsens.

TA (TRAFFIC ANNOUNCEMENT) FUNCTION

The tuner will automatically seek a station that regularly broadcasts traffic information and the station broadcasts when the traffic information program starts.

- A pop-up message is displayed on the screen when the radio seeks out a TP station.
- 2 Select "Continue".

(INFORMATION)

- When TA is set to "On" (→P.252), the radio will begin seeking a TP station.
- When the program ends, the initial operation resumes.

■ TRAFFIC ANNOUNCEMENT VOLUME FUNCTION

The volume level when receiving the traffic announcement is memorized.

TIME SHIFT OPERATION (DAB)

The service you are currently listening to can be re-listened to at any time.

1 Select "Time shift".



2 Select "<<" or ">>" to jump forward/ backward by 10 seconds. Select and hold "<<" or ">>" to fast forward / rewind.



(INFORMATION)

• The times at which playback is possible depend on the bit rate of the DAB station to be recorded, the amount of DAB unit memory, and the time at which reception of the broadcast began.

1. CD

OVERVIEW

The CD operation screen can be reached by the following methods:

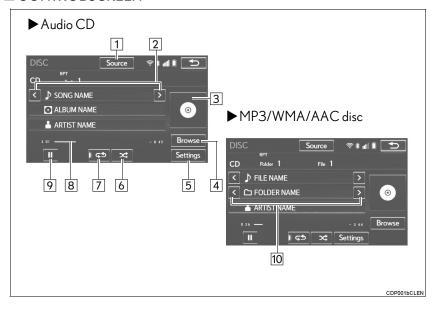
- ► Inserting a disc (\rightarrow P.196)
- ► Using the instrument panel

Press the "MEDIA" button to display the audio control screen.

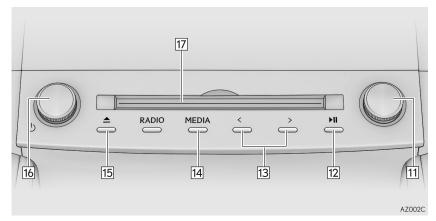
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio control screen.

■ CONTROL SCREEN



■ CONTROL PANEL



Select to display the audio source selection screen. Select to select a track/file. Displays cover art Select to display a track/file list. Audio CD: Select to display a track list. MP3/WMA/AAC disc: Select to display a folder list. To return to the top screen, s "Now playing" on the list screen. Select to display the audio setting screen.	elect
 Displays cover art Select to display a track/file list. Audio CD: Select to display a track list. MP3/WMA/AAC disc: Select to display a folder list. To return to the top screen, s "Now playing" on the list screen. 	elect
 Select to display a track/file list. Audio CD: Select to display a track list. MP3/WMA/AAC disc: Select to display a folder list. To return to the top screen, s "Now playing" on the list screen. 	elect
MP3/WMA/AAC disc: Select to display a folder list. To return to the top screen, s "Now playing" on the list screen.	elect
5 Select to display the audio setting screen.	
6 Select to set random playback.	
7 Select to set repeat playback.	
8 Shows progress	
Select to play/pause.	
Select to select a folder.	
Tune/Scroll knob: Turn to select a track/file. Turn to move up/down the list.	
Press to play/pause.	
 Press to select a track/file. Press and hold to fast forward/rewind. 	
 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes. 	
Press to eject a disc.	
Power/Volume knob: Turn to adjust volume. Press to turn the audio system on/off. Press and hold to restart the audio system.	
17 Disc slot	

(INFORMATION)

- If a disc contains CD-DA files and MP3/WMA/AAC files, only the CD-DA files can be played back.
- If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 32 characters can be displayed.

PLAYING AN AUDIO CD

REPEATING

The track currently being listened to can be repeated.

1 Select 55



- Each time sis selected, the mode changes as follows:
 - track repeat → off

(INFORMATION)

• When sis selected, "RPT" appears on the screen.

RANDOM ORDER

Tracks can be automatically and randomly selected.

1 Select ×.



- Each time is selected, the mode changes as follows:
 - random (1 disc random) \rightarrow off

(INFORMATION)

When is selected, "RAND" appears on the screen.

PLAYING AN MP3/WMA/ AAC DISC

REPEATING

The file or folder currently being listened to can be repeated.

1 Select 🖘 .



- Each time sis selected, the mode changes as follows:
- ► When random playback is off
 - file repeat \rightarrow folder repeat \rightarrow off
- ► When random playback is on
 - file repeat \rightarrow off

INFORMATION

• Each time sis selected, "RPT"/
"FLD.RPT" appears on the screen.

RANDOM ORDER

Files or folders can be automatically and randomly selected.

1 Select ズ.



- Each time is selected, the mode changes as follows:
 - random (1 folder random) →
 folder random (1 disc random) → off

(INFORMATION)

• Each time is selected, "RAND"/
"FLD.RAND" appears on the screen.

2. DVD

For safety reasons, the DVD video discs can only be viewed when the following conditions are met:

- (a) The vehicle is completely stopped.
- (b) The engine <power> switch is in ACCESSORY or IGNITION ON <ON> mode.
- (c) The parking brake is applied.

While driving in DVD video mode, only the DVD's audio can be heard.

The playback condition of some DVD discs may be determined by the DVD software producer. This DVD player plays a disc as the software producer intended. As such, some functions may not work properly. Be sure to read the instruction manual that comes with the individual DVD disc. $(\rightarrow P.260)$

OVERVIEW

The DVD operation screen can be reached by the following methods:

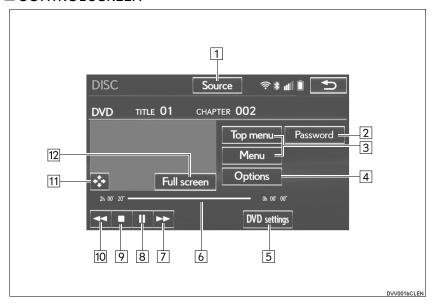
- ► Inserting a disc (\rightarrow P.196)
- Using the instrument panel

Press the "MEDIA" button to display the audio control screen.

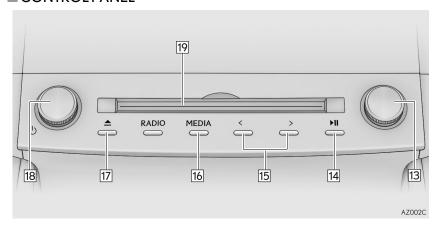
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio control screen.

■ CONTROL SCREEN



■ CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display the password input screen.
3	Select to display the menu screen.
4	Select to display the option screen. (\rightarrow P.219)
5	Select to display the DVD setting screen.
6	Shows progress
7	During playback: Select to fast forward.During a pause: Select to slow forward.
8	Select to play/pause.
9	Select to stop the video screen.
10	Select to rewind.
11	Select to display the menu control key.
12	Select to display full screen video.
13	Tune/Scroll knob: Turn to select a chapter.
14	Press to play/pause.
15	Press to select a chapter.Press and hold to fast forward/rewind.
16	 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes.
17	Press to eject a disc.
18	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.
19	Disc slot



CAUTION

Conversational speech on some DVDs is recorded at a low volume to emphasize the impact of sound effects. If you adjust the volume assuming that the conversations represent the maximum volume level that the DVD will play, you may be startled by louder sound effects or when you change to a different audio source. The louder sounds may have a significant impact on the human body or pose a driving hazard. Keep this in mind when you adjust the volume.

(INFORMATION)

- According to the DVD disc, some menu items can be selected directly. (For details, see the manual that comes with the DVD disc provided separately.)
- ullet If igwedge appears on the screen when a control is selected, the operation relevant to the control is not permitted.

DVD OPTIONS

1 Select "Options".



2 The following screen is displayed.



No.	Function	Page
1	Select to display the title search screen.	220
2	Select to display the predetermined scene on the screen and start playing.	_
3	Select to display the audio selection screen.	220
4	Select to display the subtitle selection screen.	220
5	Select to display the angle selection screen.	221
6	Select to change the screen size.	200
7	Select to display the image quality adjustment screen.	200

SEARCHING BY TITLE

- 1 Select "Search".
- 2 Enter the title number and select "OK".



• The player starts playing video for that title number.

CHANGING THE AUDIO LANGUAGE

- 1 Select "Audio".
- 2 Each time "Change" is selected, the audio language is changed.



• The languages available are restricted to those available on the DVD disc.

CHANGING THE SUBTITLE LANGUAGE

- Select "Subtitle".
- 2 Each time "Change" is selected, the language the subtitles are displayed in is changed.



- The languages available are restricted to those available on the DVD disc.
- When "Hide" is selected, the subtitles can be hidden.

CHANGING THE ANGLE

The angle can be selected for discs that are multi-angle compatible when the angle mark appears on the screen.

- 1 Select "Angle".
- 2 Each time "Change" is selected, the angle is changed.



• The angles available are restricted to those available on the DVD disc.

3. USB MEMORY

OVERVIEW

The USB memory operation screen can be reached by the following methods:

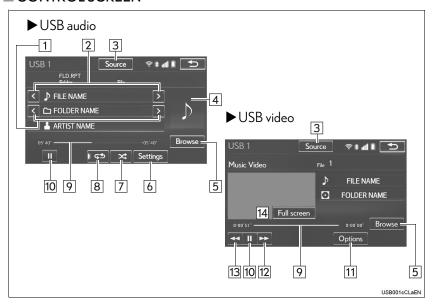
- ightharpoonup Connecting a USB memory (\rightarrow P.197)
- ► Using the instrument panel

Press the "MEDIA" button to display the audio control screen.

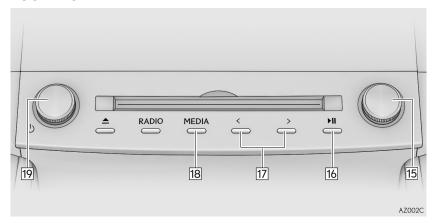
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio control screen.

■ CONTROL SCREEN



■ CONTROL PANEL



NI.	Function		
No.	Audio	Video	
1	Select to select a folder/album.	_	
2	Select to select a file/track.	_	
3	Select to display the audio source selection screen.	Select to display the audio source selection screen.	
4	 Displays cover art Select to display a file/track list. To return to the top screen, select "Now playing" on the list screen. 	_	
5	Select to display the play mode selection screen. To return to the top screen, select "Now playing" on the list screen.	Select to display the play mode selection screen. To return to the top screen, select "Now playing" on the list screen.	
6	Select to display the audio settings screen.	_	
7	Select to set random playback.	_	
8	Select to set repeat playback.	_	
9	Shows progress	Shows progress	
10	Select to play/pause.	Select to play/pause.	
11	_	Select to display the option screen. $(\rightarrow P.227)$	
12	_	Select to fast forward.	
13	_	Select to rewind.	
14	_	Select to display full screen video.	
15	Tune/Scroll knob: • Turn to select a file/track. • Turn to move up/down the list.	Tune/Scroll knob: • Turn to select a file. • Turn to move up/down the list.	
16	Press to play/pause.	Press to play/pause.	
17	Press to select a file/track.Press and hold to fast forward/rewind.	Press to select a file.Press and hold to fast forward/rewind.	

No.	Function	
INO.	Audio	Video
18	 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes. 	 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes.
19	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.



A CAUTION

Do not operate the player's controls or connect the USB memory while driving.



NOTICE

- Depending on the size and shape of the USB memory that is connected to the system, the armrest may not close fully. In this case, do not forcibly close the armrest as this may damage the USB memory or the terminal, etc.
- Do not leave your portable player in the car. In particular, high temperatures inside the vehicle may damage the portable player.
- Do not push down on or apply unnecessary pressure to the portable player while it is connected as this may damage the portable player or its terminal.
- Do not insert foreign objects into the port as this may damage the portable player or its terminal.

(INFORMATION)

- The system can only output the sound while driving.
- Audio files and image files can be played back at the same time. However, the slide show interval may be longer than when an audio file is not being played back.
- If tag information exists, the file/folder names will be changed to track/album names.

USB AUDIO

REPEATING

The file/track or folder/album currently being listened to can be repeated.

1 Select 🖘 .



- Each time is selected, the mode changes as follows:
- ► When random playback is off
 - file/track repeat → folder/album repeat → off
- ► When random playback is on
 - file/track repeat → off

(INFORMATION)

• Each time is selected, "RPT"/
"FLD.RPT" appears on the screen.

RANDOM ORDER

Files/tracks or folders/albums can be automatically and randomly selected.

1 Select ズ.



- Each time is selected, the mode changes as follows:
 - random (1 folder/album random) → folder/album random (all folder/album random) → off

(INFORMATION)

• Each time is selected, "RAND"/
"FLD.RAND" appears on the screen.

USB VIDEO

To change to USB video mode, select "Browse" on the USB audio screen, then select the "Videos" tab and select the desired video file.

USB VIDEO OPTIONS

Select "Options".



2 Select the desired setting to change.

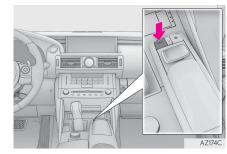


No.	Function	Page
1	Select to display the image quality adjustment screen.	200
2	Select to change the screen size.	200
3	Select to change audio settings.	250

USB PHOTO

Still images stored in a USB memory can be played.

1 Press the "MENU" button on the Remote Touch.



2 Select "Info".

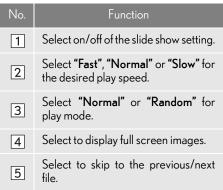


3 Select the USB photo button.



USB PHOTO CONTROL SCREEN





DISPLAYING THE DESIRED PHOTO FROM THE LIST

1 Select "Browse".



2 Select the desired photo folder.



3 Select the desired photo.



4. iPod

OVERVIEW

The iPod operation screen can be reached by the following methods:

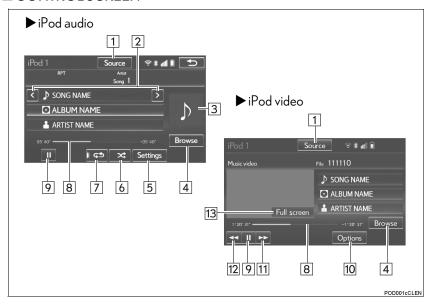
- ightharpoonup Connecting an iPod (\rightarrow P.197)
- ► Using the instrument panel

Press the "MEDIA" button to display the audio control screen.

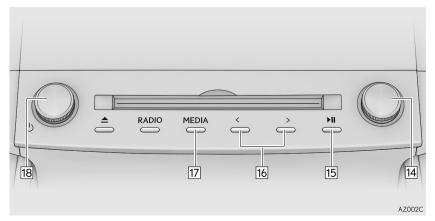
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio control screen.

■ CONTROL SCREEN



■CONTROL PANEL



NI	Function		
No.	Audio	Video	
1	Select to display the audio source selection screen.	Select to display the audio source selection screen.	
2	Select to select a track.	_	
3	 Displays cover art Select to display a track list. To return to the top screen, select "Now playing" on the list screen. 	_	
4	Select to display the play mode selection screen. To return to the top screen, select "Now playing" on the list screen.	Select to display the play mode selection screen. To return to the top screen, select "Now playing" on the list screen.	
5	Select to display the audio settings screen.	_	
6	Select to set random playback.	_	
7	Select to set repeat playback.	_	
8	Shows progress	Shows progress	
9	Select to play/pause.	Select to play/pause.	
10	_	Select to display the option screen. $(\rightarrow 235)$	
11	_	Select to fast forward.	
12	_	Select to rewind.	
13	_	Select to display full screen video.	
14	Tune/Scroll knob: Turn to select a track. Turn to move up/down the list.	Tune/Scroll knob: • Turn to select a file. • Turn to move up/down the list.	
15	Press to play/pause.	Press to play/pause.	
16	 Press to select a track. Press and hold to fast forward/rewind.	 Press to select a file. Press and hold to fast forward/rewind.	

No.	Function	
INO.	Audio	Video
17	 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes. 	 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes.
18	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.



CAUTION

Do not operate the player's controls or connect the iPod while driving.



NOTICE

- Depending on the size and shape of the iPod that is connected to the system, the armrest may not close fully. In this case, do not forcibly close the armrest as this may damage the iPod or the terminal, etc.
- Do not leave your portable player in the car. In particular, high temperatures inside the vehicle may damage the portable player.
- Do not push down on or apply unnecessary pressure to the portable player while it is connected as this may damage the portable player or its terminal.
- Do not insert foreign objects into the port as this may damage the portable player or its terminal.

(INFORMATION)

- The system can only output the sound while driving.
- When an iPod is connected using a genuine iPod cable, the iPod starts charging its battery.
- Depending on the iPod, the video sound may not be able to be heard.
- Depending on the iPod and the songs in the iPod, iPod cover art may be displayed. This function can be changed to "On" or "Off". $(\rightarrow P.254)$ It may take time to display iPod cover art, and the iPod may not be operated while the cover art display is in process.
- When an iPod is connected and the audio source is changed to iPod mode, the iPod will resume playing from the same point it was last used.
- Depending on the iPod that is connected to the system, certain functions may not be avail-
- •For viewing videos from an iPod, it is necessary to set "Video sound input" to "A/V". $(\to P.253)$

iPod AUDIO

REPEATING

The track currently being listened to can be repeated.

1 Select 🖘.



- Each time is selected, the mode changes as follows:
 - track repeat \rightarrow off

(INFORMATION)

• When sis selected, "RPT" appears on the screen.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

1 Select ≍.



- Each time is selected, the mode changes as follows:
 - track shuffle \rightarrow album shuffle \rightarrow off

(INFORMATION)

Each time is selected, "Shuffle"/
"ALB.Shuffle" appears on the screen.

iPod VIDEO

To change to iPod video mode, select "Browse" on the iPod audio screen, then select the "Videos" tab and select the desired video file.

iPod VIDEO OPTIONS

1 Select "Options".



2 Select the desired settings to change.



No.	Function	Page
1	Select to change the screen size.	200
2	Select to display the image quality adjustment screen.	200
3	Select to change audio settings.	250

5. Bluetooth® AUDIO

The Bluetooth[®] audio system enables users to enjoy listening to music that is played on a portable player on the vehicle speakers via wireless communication.

This audio system supports Bluetooth $^{\circledR}$, a wireless data system capable of playing portable audio music without cables. If your device does not support Bluetooth $^{\circledR}$, the Bluetooth $^{\circledR}$ audio system will not function.

OVERVIEW

The Bluetooth $^{\circledR}$ audio operation screen can be reached by the following methods:

Depending on the type of portable player connected, some functions may not be available and/or the screen may look differently than shown in this manual.

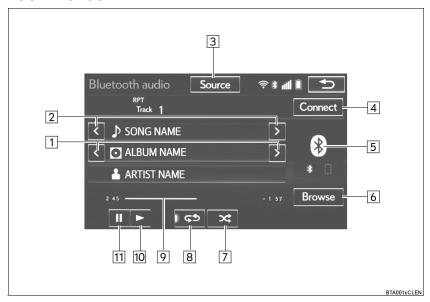
- ► Connecting a Bluetooth[®] audio device $(\rightarrow P.240)$
- ► Using the instrument panel

Press the "MEDIA" button to display the audio control screen.

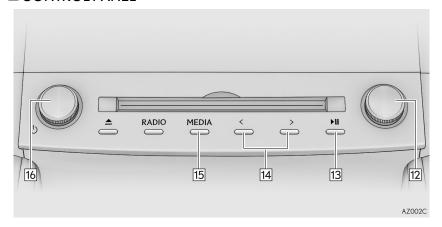
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio control screen.

■ CONTROL SCREEN



■ CONTROL PANEL



No.	Function
1	Select to select an album.
2	Select to select a track.
3	Select to display the audio source selection screen.
4	Select to display the portable device connection screen.
5	 Select to display a track list. To return to the top screen, select "Now playing" on the list screen. Displays Bluetooth[®] device condition
6	Select to display the playlist screen. To return to the top screen, select "Now playing" on the list screen.
7	Select to set random playback.
8	Select to set repeat playback.
9	Shows progress
10	Select to play.
11	Select to pause.
12	Tune/Scroll knob: Turn to select a track. Turn to move up/down the list.
13	Press to play/pause.
14	Press to select a track.Press and hold to fast forward/rewind.
15	 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes.
16	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.

CAUTION

- Do not operate the player's controls or connect to the Bluetooth® audio system while driv-
- Your audio unit is fitted with Bluetooth® antennas. People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the Bluetooth® antennas. The radio waves may affect the operation of such devices.
- Before using Bluetooth® devices, users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.



NOTICE

Do not leave your portable player in the vehicle. In particular, high temperatures inside the vehicle may damage the portable player.

(INFORMATION)

- Depending on the Bluetooth[®] device that is connected to the system, the music may start playing when selecting while it is paused. Conversely, the music may pause when selecting while it is playing.
- In the following conditions, the system may not function:
 - The Bluetooth® device is turned off.
 - The Bluetooth® device is not connected.
 - The Bluetooth[®] device has a low battery.
- It may take time to connect the telephone when Bluetooth[®] audio is being played.
- For operating the portable player, see the instruction manual that comes with it.
- If the Bluetooth[®] device is disconnected due to poor reception from the Bluetooth[®] network when the engine <power> switch is in ACCESSORY or IGNITION ON <ON> mode. the system automatically reconnects the portable player.
- If the Bluetooth® device is disconnected on purpose, such as it was turned off, this does not happen. Reconnect the portable player manually.
- Bluetooth[®] device information is registered when the Bluetooth[®] device is connected to the Bluetooth® audio system. When selling or disposing of the vehicle, remove the Bluetooth[®] audio information from the system. $(\rightarrow P.82)$

CONNECTING A Bluetooth® DEVICE

To use the Bluetooth $^{\circledR}$ audio system, it is necessary to register a Bluetooth $^{\circledR}$ device with the system.

- ► Registering an additional device
- 1 Select "Connect" on the Bluetooth®
- 2 For more information: \rightarrow P.58
- ► Selecting a registered device
- 1 Select "Connect" on the Bluetooth® audio control screen.
- 2 For more information: \rightarrow P.60

LISTENING TO Bluetooth® AUDIO

REPEATING

The track or album currently being listened to can be repeated.

1 Select 55.



- Each time is selected, the mode changes as follows:
 - track repeat \rightarrow album repeat \rightarrow off

(INFORMATION)

• Each time is selected, "RPT"/
"ALB.RPT" appears on the screen.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

1 Select ズ



- Each time is selected, the mode changes as follows:
 - album random \rightarrow all track random \rightarrow off

(INFORMATION)

Each time is selected, "RAND"/
"ALB.RAND" appears on the screen.

6. AUX

OVERVIEW

The AUX operation screen can be reached by the following methods:

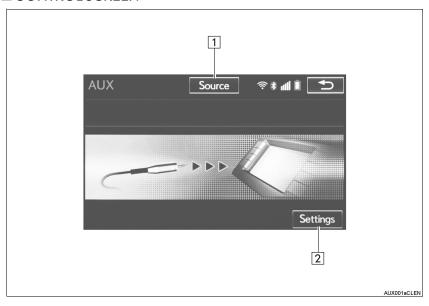
- ightharpoonup Connecting a device to the AUX port (\rightarrow P.197)
- ► Using the instrument panel

Press the "MEDIA" button to display the audio control screen.

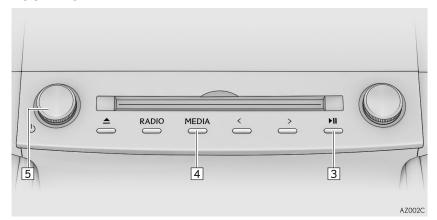
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio control screen.

■ CONTROL SCREEN



■ CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display the audio setting screen.
3	Press to turn mute on/off.
4	 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes.
5	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.



A CAUTION

Do not connect portable audio device or operate the controls while driving.



NOTICE

- Depending on the size and shape of the portable audio device that is connected to the system, the armrest may not close fully. In this case, do not forcibly close the armrest as this may damage the portable audio device or the terminal, etc.
- Do not leave portable audio device in the vehicle. The temperature inside the vehicle may become high, resulting in damage to the player.
- Do not push down on or apply unnecessary pressure to the portable audio device while it is connected as this may damage the portable audio device or its terminal.
- Do not insert foreign objects into the port as this may damage the portable audio device or its terminal.

7. VTR

OVERVIEW

The VTR operation screen can be reached by the following methods:

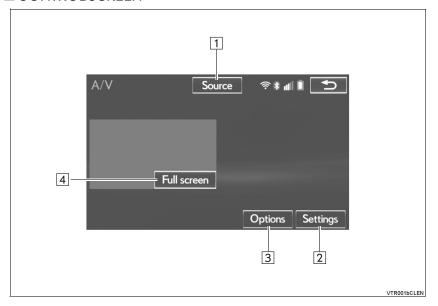
- ightharpoonup Connecting a device to the AUX port (\rightarrow P.197)
- ► Using the instrument panel

Press the "MEDIA" button to display the audio control screen.

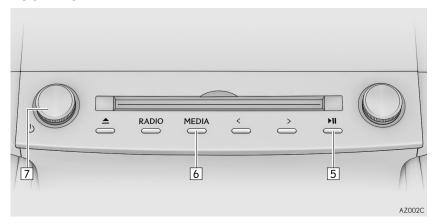
► Using the Remote Touch

Press the "MENU" button on the Remote Touch, then select "Audio" to display the audio control screen.

■ CONTROL SCREEN



■ CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display the audio setting screen.
3	Select to display the option screen. (\rightarrow P.247)
4	Select to display full screen video.
5	Press to turn mute on/off.
6	 Press to select a media mode. While in a media mode, pressing the "MEDIA" button changes media modes.
7	Power/Volume knob: • Turn to adjust volume. • Press to turn the audio system on/off. • Press and hold to restart the audio system.

VTR OPTIONS

1 Select "Options".



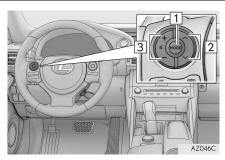
2 Select the desired settings to change.



No.	Function	Page
1	Select to change the screen size.	200
2	Select to display the image quality adjustment screen.	200

1. STEERING SWITCHES

Some parts of the audio/visual system can be adjusted using the switches on the steering wheel.



No.	Switch
1	"MODE" switch
2	"^ v" switch
3	Volume control switch

► "MODE" switch

Mode	Operation	Function
AM, FM, DAB, AUX, VTR	Press	Change audio modes
	Press and hold (0.8 sec. or more)	Mute
CD, MP3/ WMA/AAC	Press	Change audio modes
disc, DVD, USB, iPod, Bluetooth [®] audio	Press and hold (0.8 sec. or more)	Pause

► "∧ ∨" switch

Mode	Operation	Function
AM, FM	Press	Preset station up/down ("Presets" screen) Station list up/down ("Stations" screen) Seek up/down (Manual tuning screen)
	Press and hold (0.8 sec. or more)	Seek up/down continuously while the switch is being pressed (Manual tuning screen)
DAB	Press	Preset ensemble up/down ("Presets" screen) Service list up/down ("Stations" screen) Ensemble seek up/down (Manual tuning screen)
	Press and hold (0.8 sec. or more)	Ensemble seek up/down continuously while the switch is being pressed (Manual tuning screen)
CD	Press	Track up/down
MP3/	Press	File up/down
WMA/AAC disc	Press and hold (0.8 sec. or more)	Folder up/down
DVD	Press	Chapter up/down
	Press	File/Track up/down
USB	Press and hold (0.8 sec. or more)	Folder/Album up/down
iPod	Press	Track/File up/down
Bluetooth [®]	Press	Track up/down
audio	Press and hold (0.8 sec. or more)	Album up/down

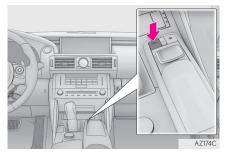
► Volume control switch

Mode	Operation	Function
All	Press	Volume up/down
	Press and hold (0.8 sec. or more)	Volume up/down continuously

1. AUDIO SETTINGS

Detailed audio settings can be programmed.

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Audio".



4 Select the items to be set.



AUDIO SETTINGS SCREEN



No.	Function	Page
1	Select to set detailed sound settings.	198
2	Select to set detailed FM radio settings.	252
3	Select to set detailed DAB settings.	252
4	Select to set the iPod audio signal input settings.	253
5	Select to set the video signal format settings.	253
6	Select to set detailed cover art settings.	254
7*	Select to set detailed DVD settings.	254

^{*:} Only in DVD video mode

FMRADIO SETTINGS

- 1 Display the audio setting screen. (→P.250)
- 2 Select "FM radio settings".
- 3 Select the desired button to be set.



No.	Function
1	Select "Broadcaster" or "Alphabetical" to set the listing order of the station list.
2	The tuner will automatically seek a station that regularly broadcasts traffic information and the station broadcasts when the traffic information program starts.
3	A station providing good reception is automatically selected if current reception worsens.
4	Select to switch to a broadcasting station within the same local program network.
5	Select on/off to set the FM Radio text feature.

DAB SETTINGS

- 1 Display the audio setting screen. (→P.250)
- 2 Select "DAB settings".
- 3 Select the desired button to be set.



No.	Function
1	Select on/off to set L-band in the tune range. When "Off" is selected, the physical channel range for tuning operations is limited to Band III, excluding for preset operations. When "On" is selected, the physical channel range for tuning operations includes Band III and L-band.
2	The tuner will automatically seek a station that regularly broadcasts traffic information and the station broadcasts when the traffic information program starts.
3	A station providing good reception is automatically selected if current reception worsens.
4	Select on/off to set the DAB text feature.

iPod SETTINGS

- 1 Display the audio setting screen. (→P.250)
- 2 Select "iPod settings".
- 3 Select "Video sound input".



4 Select a screen button for the desired setting.



EXTERNAL VIDEO SETTINGS

- 1 Display the audio setting screen. (→P.250)
- 2 Select "External video settings".
- 3 Select "Video signal switch".



4 Select a screen button for the desired setting.



COVER ART SETTINGS

- 1 Display the audio setting screen. (→P.250)
- 2 Select "Cover art settings".
- 3 Select the desired button to be set.



No.	Function
1	Select on/off to set the cover art display in DISC mode.
2	Select on/off to set the cover art display in USB mode.
3	Select on/off to set the priority of the Gracenote database in USB mode.
4	Select on/off to set the cover art display in iPod mode.
5	Select on/off to set the priority of the Gracenote database in iPod mode.

(INFORMATION)

 Images from the Gracenote database displayed on the screen may be different from the actual cover art.

DVD SETTINGS

- 1 Display the audio setting screen. (→P.250)
- 2 Select "DVD settings".
- Selecting "DVD settings" on the DVD top screen can also display "DVD settings" screen. (→P.215)
- 3 Select the items to be set.





 When "Default" is selected, all menus are initialized.

■ AUDIO LANGUAGE

The audio language can be changed.

- 1 Select "Audio language".
- 2 Select the desired language to be heard on the "Audio language" screen.
- If the desired language to be heard cannot be found on this screen, select "Other" and enter a language code. (→P.256)

■ SUBTITLE LANGUAGE

The subtitle language can be changed.

- 1 Select "Subtitle language".
- 2 Select the desired language to be read on the "Subtitle language" screen.
- If the desired language to be read cannot be found on this screen, select "Other" and enter a language code. (→P.256)

■ MENU LANGUAGE

The language on the DVD video menu can be changed.

- 1 Select "Menu language".
- 2 Select the desired language to be read on the "Menu language" screen.
- If the desired language to be read cannot be found on this screen, select "Other" and enter a language code. (→P.256)

■ ANGLE MARK

The multi-angle mark can be turned on or off on the screen while discs that are multi-angle compatible are being played.

- 1 Select "Angle mark".
- 2 Select "On" or "Off".

■ PARENTAL LOCK

The level of viewer restrictions can be changed.

- 1 Select "Parental lock".
- 2 Enter the 4-digit personal code on the "Key code" screen.
- 3 Select a parental level (1-8) on the "Select restriction level" screen.

AUTO START

Discs that are inserted while the vehicle is in motion will automatically start playing. Certain discs may not play.

- 1 Select "Auto-start playback".
- 2 Select "On" or "Off".

■ SOUND DYNAMIC RANGE

The difference between the lowest volume and the highest volume can be adjusted.

- 1 Select "Sound dynamic range".
- 2 Select "MAX", "STD" or "MIN".

■ ENTER AUDIO/SUBTITLE/MENU LANGUAGE CODE

If "Other" on the "Audio language" screen, "Subtitle language" screen or "Menu language" screen is selected, the desired language to be heard or read can be selected by entering a language code.

1 Enter the 4-digit language code.



2 Select "OK".

LANGUAGE CODES LIST

Code	Language	Code	Language	Code	Language	Code	Language
0514	English	0515	Esperanto	1214	Lingala	1913	Samoan
1001	Japanese	0520	Estonian	1215	Laotian	1914	Shona
0618	French	0521	Basque	1220	Lithuanian	1915	Somali
0405	German	0601	Persian	1222	Latvian, Lettish	1917	Albanian
0920	Italian	0609	Finnish	1307	Malagasy	1918	Serbian
0519	Spanish	0610	Fiji	1309	Maori	1919	Siswati
2608	Chinese	0615	Faroese	1311	Macedonian	1920	Sesotho
1412	Dutch	0625	Frisian	1312	Malayalam	1921	Sundanese
1620	Portuguese	0701	Irish	1314	Mongolian	1923	Swahili
1922	Swedish	0704	Scottish-Gaelic	1315	Moldavian	2001	Tamil
1821	Russian	0712	Galician	1318	Marathi	2005	Telugu
1115	Korean	0714	Guarani	1319	Malay	2007	Tajik
0512	Greek	0721	Gujarati	1320	Maltese	2008	Thai
0101	Afar	0801	Hausa	1325	Burmese	2009	Tigrinya
0102	Abkhazian	0809	Hindi	1401	Nauru	2011	Turkmen
0106	Afrikaans	0818	Croatian	1405	Nepali	2012	Tagalog
0113	Amharic	0821	Hungarian	1415	Norwegian	2014	Setswana
0118	Arabic	0825	Armenian	1503	Occitan	2015	Tongan
0119	Assamese	0901	Interlingua	1513	(Afan) Oromo	2018	Turkish
0125	Aymara	0905	Interlingue	1518	Oriya	2019	Tsonga
0126	Azerbaijani	0911	Inupiak	1601	Punjabi	2020	Tatar
0201	Bashkir	0914	Indonesian	1612	Polish	2023	Twi
0205	Byelorussian	0919	Icelandic	1619	Pashto, Pushto	2111	Ukrainian
0207	Bulgarian	0923	Hebrew	1721	Quechua	2118	Urdu
0208	Bihari	1009	Yiddish	1813	Rhaeto-Romance	2126	Uzbek
0209	Bislama	1023	Javanese	1814	Kirundi	2209	Vietnamese
0214	Bengali, Bangla	1101	Georgian	1815	Romanian	2215	Volapük
0215	Tibetan	1111	Kazakh	1823	Kinyarwanda	2315	Wolof
0218	Breton	1112	Greenlandic	1901	Sanskrit	2408	Xhosa
0301	Catalan	1113	Cambodian	1904	Sindhi	2515	Yoruba
0315	Corsican	1114	Kannada	1907	Sango	2621	Zulu
0319	Czech	1119	Kashmiri	1908	Serbo-Croatian		
0325	Welsh	1121	Kurdish	1909	Sinhalese		
0401	Danish	1125	Kirghiz	1911	Slovak		
0426	Bhutani	1201	Latin	1912	Slovenian		

1. OPERATING INFORMATION



NOTICE

- To avoid damage to the audio/visual system:
 - Be careful not to spill beverages over the audio/visual system.
 - Do not put anything other than an appropriate disc into the disc slot.

(INFORMATION)

• The use of a cellular phone inside or near the vehicle may cause a noise from the speakers of the audio/visual system which you are listening to. However, this does not indicate a malfunction.

RADIO

Usually, a problem with radio reception does not mean there is a problem with the radio — it is just the normal result of conditions outside the vehicle.

For example, nearby buildings and terrain can interfere with FM reception. Power lines or telephone wires can interfere with AM signals. And of course, radio signals have a limited range. The farther the vehicle is from a station, the weaker its signal will be. In addition, reception conditions change constantly as the vehicle moves.

Here, some common reception problems that probably do not indicate a problem with the radio are described.

FM

Fading and drifting stations: Generally, the effective range of FM is about 25 miles (40 km). Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi-path: FM signals are reflective, making it possible for 2 signals to reach the vehicle's antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

Static and fluttering: These occur when signals are blocked by buildings, trees or other large objects. Increasing the bass level may reduce static and fluttering.

Station swapping: If the FM signal being listened to is interrupted or weakened, and there is another strong station nearby on the FM band, the radio may tune in the second station until the original signal can be picked up again.



Fading: AM broadcasts are reflected by the upper atmosphere — especially at night. These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

Station interference: When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast. Static: AM is easily affected by external sources of electrical noise, such as high tension power lines, lightening or electrical motors. This results in static.

DVD PLAYER AND DISC

- This DVD player is intended for use with 4.7 in. (12 cm) discs only.
- Extremely high temperatures can keep the DVD player from working. On hot days, use the air conditioning system to cool the inside of the vehicle before using the player.
- Bumpy roads or other vibrations may make the DVD player skip.
- If moisture gets into the DVD player, the discs may not be able to be played. Remove the discs from the player and wait until it dries.



• This DVD player uses an invisible laser beam which could cause hazardous laser radiation exposure if directed outside the unit. Be sure to operate the player correctly.

DVD PLAYER



- Use only discs marked as shown above. The following products may not be playable on your player:
 - SACD
 - dts CD
 - Copy-protected CD
 - DVD-Audio
 - Video CD
 - DVD-RAM

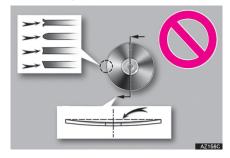
► Special shaped discs



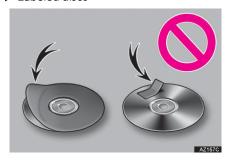
► Transparent/translucent discs



► Low quality discs

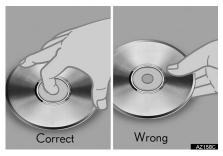


► Labeled discs



NOTICE

- Do not use special shaped, transparent/ translucent, low quality or labeled discs such as those shown in the illustrations. The use of such discs may damage the player, or it may be impossible to eject the disc.
- This system is not designed for use of Dual Discs. Do not use Dual Discs because they may cause damage to the player.
- Do not use discs with a protection ring.
 The use of such discs may damage the player, or it may be impossible to eject the disc.
- Do not use printable discs. The use of such discs may damage the player, or it may be impossible to eject the disc.



- Handle discs carefully, especially when inserting them. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.
- Dirt, scratches, warping, pin holes or other disc damage could cause the player to skip or to repeat a section of a track. (To see a pin hole, hold the disc up to the light.)
- Remove discs from the players when not in use. Store them in their plastic cases away from moisture, heat and direct sunlight.



To clean a disc: Wipe it with a soft, lint-free cloth that has been dampened with water. Wipe in a straight line from the centre to the edge of the disc (not in circles). Dry it with another soft, lint-free cloth. Do not use a conventional record cleaner or anti-static device.

CD-R/RW AND DVD-R/RW DISCS

- CD-R/CD-RW discs that have not been subject to the "finalizing process" (a process that allows discs to be played on a conventional CD player) cannot be played.
- It may not be possible to play CD-R/CD-RW discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of the unit.
- It may not be possible to play discs recorded on a personal computer depending on the application settings and the environment. Record with the correct format. (For details, contact the appropriate application manufacturers of the applications.)
- CD-R/CD-RW discs may be damaged by direct exposure to sunlight, high temperatures or other storage conditions. The unit may be unable to play some damaged discs.
- If you insert a CD-RW disc into the player, playback will begin more slowly than with a conventional CD or CD-R disc.
- Recordings on CD-R/CD-RW cannot be played using the DDCD (Double Density CD) system.

DVD VIDEO DISCS

This DVD player conforms to NTSC/PAL colour TV formats. DVD video discs conforming to another format such as SECAM cannot be used.

Region codes: Some DVD video discs have the following region code indicating which countries the DVD video disc can be played in on this DVD player. If you attempt to play an inappropriate DVD video disc on this player, error message appears on the screen. Even if the DVD video disc does not have a region code, there are cases when it cannot be used.

Code	Country
ALL	All countries
2	Europe
5	Eastern Europe, Russia

MARKS SHOWN ON DVD VIDEO DISCS

NTSC/PAL	Indicates NTSC/PAL format of colour TV.
2))	Indicates the number of audio tracks.
2	Indicates the number of language subtitles.
<u>∞</u> 3 1	Indicates the number of angles.
16:9 LB 4:3	Indicates the screen to be selected. Wide screen: 16:9 Standard: 4:3
	Indicates a region code by which this vid- eo disc can be played. "ALL": in all countries Number: region code

DVD VIDEO DISC GLOSSARY

DVD video discs: Digital Versatile Disc that holds video. DVD video discs have adopted "MPEG2", one of the world standards of digital compression technologies. The picture data is compressed by 1/40 on average and stored. Variable rate encoded technology in which the volume of data assigned to the picture is changed depending on the picture format has also been adopted. Audio data is stored using PCM and Dolby Digital, which enables higher quality of sound. Furthermore, multi-angle and multi-language features will also help users enjoy the more advanced technology of DVD video.

Viewer restrictions: This feature limits what can be viewed in conformity with a level of restrictions of the country. The level of restrictions varies depending on the DVD video disc. Some DVD video discs cannot be played at all, or violent scenes are skipped or replaced with other scenes.

- Level 1: DVD video discs for children can be played.
- Level 2 7: DVD video discs for children and G-rated movie can be played.
- Level 8: All types of the DVD video discs can be played.

Multi-angle feature: The same scene can be enjoyed from different angles.

Multi-language feature: The subtitle and audio language can be selected.

Region codes: The region codes are provided on DVD players and DVD discs. If the DVD video disc does not have the same region code as the DVD player, you cannot play the disc on the DVD player. For region codes: (\rightarrow P.263)

Audio: This DVD player can play Linear PCM, Dolby Digital and MPEG audio format DVDs. Other decoded types cannot be played.

Title and chapter: Video and audio programs stored in DVD video discs are divided into parts by title and chapter.

Title: The largest unit of the video and audio programs stored on DVD video discs. Usually, one movie, one album, or one audio program is assigned as a title.

Chapter: A unit smaller than that of title. A title comprises of several chapters.

 Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

iPod

Made for iPhone

- "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone, may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Lightning is a trademark of Apple Inc.
- The Lightning connector works with iPhone 5, iPod touch (5th generation), and iPod nano (7th generation).
- The 30-pin connector works with iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G, iPhone, iPod touch (1st through 4th generation), iPod classic, and iPod nano (1st through 6th generation).
- USB works with iPhone 5, iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G, iPhone, iPod touch (1st through 5th generation), iPod classic, and iPod nano (1st through 7th generation).

COMPATIBLE MODELS

The following iPod[®], iPod nano[®], iPod classic[®], iPod touch[®] and iPhone[®] devices can be used with this system.

Made for

- iPod touch (5th generation)*
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod classic
- iPod with video
- iPod nano (7th generation)*
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (1st generation)
- iPhone 5*
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone
- *: iPod video not supported

(INFORMATION)

 Depending on differences between models or software versions etc., some models might be incompatible with this system.

FILE INFORMATION

■ COMPATIBLE USB DEVICES

USB communication formats	USB 2.0 HS (480 Mbps) and FS (12 Mbps)
File formats	FAT 16/32
Correspondence class	Mass storage class

■ COMPATIBLE COMPRESSED FILES

ltem	USB/iPod	DISC
Compatible file format (audio)	MP3/WI	MA/AAC
Compatible file format (video)	WMV/ AVI/MP4/ M4V	-
Compatible file format (photo)	JPEG	-
Image size (photo)	Maximum 10MB	-
Pixel size (photo)	Maximum 10,000,000 pixels	-
Folders in the device	Maximum 3000	Maximum 192
Files in the device	Maximum 9999	Maximum 255
Files per folder	Maximum 255	-

■ CORRESPONDING SAMPLING FREQUENCY

File type	Frequency (kHz)
MP3 files: MPEG 1LAYER 3	32/44.1/48
MP3 files: MPEG 2 LSF LAYER 3	16/22.05/24
WMA files: Ver. 7, 8, 9* (9.1/9.2)	32/44.1/48
AAC files: MPEG4/AAC-LC	11.025/12/16/ 22.05/24/32/ 44.1/48

^{*:} Only compatible with Windows Media Audio Standard

■ CORRESPONDING BIT RATES*1

File type	Bit rate (kbps)
MP3 files: MPEG 1 LAYER 3	32 - 320
MP3 files: MPEG 2 LSF LAYER 3	8 - 160
WMA files: Ver. 7, 8	CBR 48 - 192
WMA files: Ver. 9* ² (9.1/9.2)	CBR 48 - 320
AAC files: MPEG4/AAC-LC	16 - 320
.1	

^{*1:} Variable Bit Rate (VBR) compatible

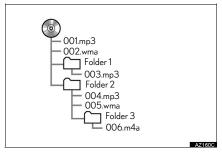
^{*2:} Only compatible with Windows Media Audio Standard

■ COMPATIBLE CHANNEL MODES

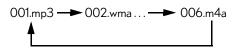
File type	Channel mode
MP3 files	Stereo, joint stereo, dual channel and monaural
WMA files	2ch
AAC files	1ch, 2ch (Dual channel is not supported)

- MP3 (MPEG Audio Layer 3), WMA (Windows Media Audio) and AAC (Advanced Audio Coding) are audio compression standards.
- This system can play MP3/WMA/AAC files on CD-R/CD-RW/DVD-R/DVD-RW discs and USB memory.
- This system can play disc recordings compatible with ISO 9660 level 1 and level 2 and with the Romeo and Joliet file system and UDF (2.01 or lower).
- When naming an MP3/WMA/AAC file, add an appropriate file extension (.mp3/.wma/.m4a).
- This system plays back files with .mp3/ .wma/.m4a file extensions as MP3/WMA/ AAC files respectively. To prevent noise and playback errors, use the appropriate file extension.
- This system can play only the first session/ border when using multi session/border compatible discs.
- MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2 and Ver. 2.3 formats. This system cannot display disc title, track title and artist name in other formats.
- WMA/AAC files can contain a WMA/ AAC tag that is used in the same way as an ID3 tag. WMA/AAC tags carry information such as track title and artist name.
- The emphasis function is available only when playing MP3 files.
- This system can play back AAC files encoded by iTunes.

- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs recorded with a bit rate of at least 128 kbps are recommended.
- m3u playlists are not compatible with the audio player.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The player is compatible with VBR (Variable Bit Rate).
- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if the fast forward or reverse operations are used.
- It is not possible to check folders that do not include MP3/WMA/AAC files.
- MP3/WMA/AAC files in folders up to 8 levels deep can be played. However, the start of playback may be delayed when using discs containing numerous levels of folders. For this reason, we recommend creating discs with no more than 2 levels of folders.



 The play order of the compact disc with the structure shown above is as follows:



 The order changes depending on the personal computer and MP3/WMA/AAC encoding software you use.

TERMS

PACKET WRITE

 This is a general term that describes the process of writing data on-demand to CD-R, etc., in the same way that data is written to floppy or hard discs.

ID3TAG

• This is a method of embedding track-related information in an MP3 file. This embedded information can include the track number, track title, the artist's name, the album title, the music genre, the year of production, comments, cover art and other data. The contents can be freely edited using software with ID3 tag editing functions. Although the tags are restricted to a number of characters, the information can be viewed when the track is played back.

WMATAG

 WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title and artist name.

ISO 9660 FORMAT

- This is the international standard for the formatting of CD-ROM folders and files. For the ISO 9660 format, there are 2 levels of regulations.
- Level 1: The file name is in 8.3 format (8 character file names, with a 3 character file extension. File names must be composed of one-byte capital letters and numbers. The "_" symbol may also be included.)
- Level 2: The file name can have up to 31 characters (including the separation mark "." and file extension). Each folder must contain fewer than 8 hierarchies.

m3u

 Playlists created using "WINAMP" software have a playlist file extension (.m3u).

MP3

 MP3 is an audio compression standard determined by a working group (MPEG) of the ISO (International Standard Organization). MP3 compresses audio data to about 1/10 the size of that on conventional discs.

WMA

 WMA (Windows Media Audio) is an audio compression format developed by Microsoft[®]. It compresses files into a size smaller than that of MP3 files. The decoding formats for WMA files are Ver. 7, 8 and 9.

AAC

 AAC is short for Advanced Audio Coding and refers to an audio compression technology standard used with MPEG2 and MPEG4.

ERROR MESSAGES

Mode	Message	Explanation
CD/DVD	"No disc found."	It indicates that there is no disc in the DVD player.
	"Check disc"	It indicates that the disc is dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. It indicates a disc which is not playable is inserted.
	"DISC error"	There is a trouble inside the system. Eject the disc.
	"Region code error"	It indicates that the DVD region code is not set properly.
	"USB error"	This indicates a problem in the USB memory or its connection.
USB	"No music files found."	This indicates that no MP3/WMA/AAC files are included in the USB memory.
035	"No video files found."	This indicates that no video files are included in the USB memory.
	"No image files found."	This indicates that no image files are included in the USB memory.
	"iPod error."	This indicates a problem in the iPod or its connection.
	"No music files found."	This indicates that there is no music data in the iPod.
iPod	"No video files found."	This indicates that no video files are included in the ${\rm iPod.}$
	"Check the iPod firmware version."	This indicates that the software version is not compatible. Perform the iPod firmware updates and try again.
	"iPod authorisation unsuccessful."	This indicates that it failed to authorize the iPod. Please check your iPod.
Bluetooth [®] Audio	"Music tracks not sup- ported. Check your portable player."	This indicates a problem in the Bluetooth $^{\circledR}$ device.

(INFORMATION)

• If the malfunction is not rectified: Take your vehicle to any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.

SPEECH COMMAND SYSTEM

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1. SPEECH COMMAND SYSTEM

The speech command system enables the audio/visual, hands-free systems, etc. to be operated using speech commands.

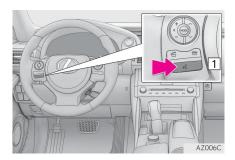
Refer to the command list for samples of speech commands. $(\rightarrow P.282)$

(INFORMATION)

 Commands that are not displayed in the "Shortcuts" screen can be operated from the "Main menu" screen.

USING THE SPEECH COMMAND SYSTEM

STEERING SWITCH



- 1 Talk switch
- Press the talk switch to start the speech command system.
- To cancel voice recognition, press and hold the talk switch.

MICROPHONE



• It is unnecessary to speak directly into the microphone when giving a command.

(INFORMATION)

- Wait for the confirmation beep before speaking a command.
- Speech commands may not be recognized if:
 - Spoken too quickly.
 - Spoken at a low or high volume.
 - The roof or windows are open.
 - Passengers are talking while speech commands are spoken.
 - The air conditioning speed is set high.
 - The air conditioning vents are turned towards the microphone.
- In the following conditions, the system may not recognize the command properly and using speech commands may not be possible:
 - The command is incorrect or unclear. Note that certain words, accents or speech patterns may be difficult for the system to recognize.
 - There is excessive background noise, such as wind noise.

SPEECH COMMAND SYSTEM OPERATION

OPERATION FROM THE SHORTCUTS

- 1 Press the talk switch.
- After the "Shortcuts" screen has been displayed, voice guidance will commence.
- Voice guidance for the speech command system can be skipped by pressing the talk switch.
- 2 After a beep sounds, say or select the desired command.



- Speech commands are marked with Some commonly used commands are displayed on the screen.
- Saying "Help" or selecting "?" prompts voice guidance to offer examples of commands and operation methods.

3 Say or select the command displayed on the screen.



OPERATION FROM THE MAIN MENU

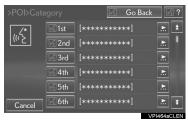
- 1 Press the talk switch.
- 2 Saying "Main menu" or selecting "Main menu".



3 Say or select the desired function command.



4 Say or select the desired command on the screen.



- Registered POIs, registered names in the contacts list etc., can be said in the place of the "<>" next to the commands. (→P.282)
 For example: Say "Find nearby Restaurants", "Call John Smith" etc.
- If a desired outcome is not shown, or if no selections are available, perform one of the following to return to the previous screen:
 - Sav "Go back"
 - Select "Go Back"
- To cancel voice recognition, select "Cancel", or press and hold the talk switch.

(INFORMATION)

- If the system does not respond or the confirmation screen does not disappear, press the talk switch and try again.
- If a speech command cannot be recognized, voice guidance will say "Pardon?" and speech command reception will restart.
- If a speech command cannot be recognized 2 consecutive times, the speech command guidance system will say "To restart voice recognition, push the talk switch.". Then voice recognition will be suspended.
- The voice recognition prompt can be set to on or off when "Voice prompts" is selected. This setting can also be changed on the "Voice settings" screen. (→P.84)
- Voice guidance can be canceled by setting voice prompts to off. Use this setting when it is desirable to say a command immediately after pressing the talk switch and hearing a beep.

SPEECH COMMAND EXAMPLE: SEARCHING FOR A ROUTE TO YOUR HOME*

- Press the talk switch.
- 2 Say "Go home" or select "Go home".
- A confirmation screen will be displayed showing the recognition results.
- 3 Say "Yes" or select "Yes".
- The system starts searching for a route to your home.
- When the speech command is recognized, the map of the area around the home address will be displayed and route guidance to the home address will begin.
- If a home address is not registered, voice guidance will say "Your home is not set.".
 Please try again after setting a home location. (→P.151)

SPEECH COMMAND EXAMPLE: PERFORMING A DESTINATION SEARCH BY ADDRESS*

Use the official language of the country the desired destination is in. A destination search by address, using speech command, can only be performed for countries that have one of the following 15 languages as their official language.

- · Dutch
- · French
- · German
- ·Italian
- · Spanish
- · UK English
- · Russian
- · Portuguese
- ·Swedish
- ·Danish
- · Finnish
- · Greek
- · Polish
- · Turkish
- \cdot Czech

For changing voice recognition languages: \rightarrow P.75

- 1 Press the talk switch.
- 2 Say "Enter an address" or select "Enter an address".
- The searchable countries are restricted according to the voice recognition language.
- Some areas cannot be recognized by the voice recognition system.

- ► For UK English and French
- 3 Say "<house number>", "<street name>" and "<city name>" continuously.
- ► Except for UK English and French
- 3 Say "<street name>", "<house number>" and "<city name>" continuously.
- Say the desired house number in the place of the "<". It is possible to only say the numbers. For example, 1,2,3,4 etc. (It is not possible to say cardinals.) Inputting the house number can be skipped.
- Say the desired full street name that belongs to the set country in the place of the "<>". If only the city name was said at step 3, say the street name. If the street name is not unique, select the appropriate number from the displayed address list.
- Say the desired city name or city name and street name that belongs to the set country in the place of the "<>". Not just the city name, but the city name and street name can be said at the same time. If both are said at the same time and the street name is not unique, select the appropriate number from the displayed address list.

4 Say or select "Enter".



- A map corresponding to the decided address is displayed. To set the displayed point as a destination, say "Enter".
- If multiple points exist, the next point can be displayed by saying "Next".

(INFORMATION)

- To change the country to be searched, say "Change country" when the screen to say the city name is displayed and the screen will change to the country input screen.
- The house number voice recognition conditions are outlined below:
 - Numerals: 10 digits or less
 - Cardinals cannot be recognized.
 - Numerals are recognized as single digits only.

SPEECH COMMAND EXAMPLE: SEARCH FOR A TRACK

- 1 Press the talk switch.
- "Play artist <name>", "Play album <name>",
 "Play song <name>" and "Play playlist
 <name>" are displayed in the "Shortcuts"
 screen.
- 2 Say or select "Play artist <name>", "Play album <name>" or "Play playlist <name>".
- Say the desired name in the place of the "<>".
- A confirmation screen will be displayed showing the recognition results. If multiple matching items are found, a selection screen will be displayed.
- 3 Say "Play" or select "Play".
- The system starts playing music.

(INFORMATION)

- A USB memory or iPod must be connected to enable track searching and playback. (→P.222, 229)
- When a USB memory or iPod is connected, recognition data is created so tracks can be searched using speech commands.
- Recognition data is updated under the following conditions:
 - When the USB memory or iPod data has changed.
 - When the voice recognition language is changed. (→P.75)
- While the recognition data is being created or being updated, a track search cannot be performed using a speech command.
- When "Play music" is dimmed in the "Shortcuts" screen, it is not possible to search for a track using a speech command. In this situation, reduce the amount of music data in the USB memory or iPod and update the recognition data to enable searching by speech command.

SPEECH COMMAND EXAMPLE: CALL NAME

- 1 Press the talk switch.
- "Call <name>" is displayed in the "Shortcuts" screen.
- When "Call <name>" on the "Shortcuts" screen is dimmed, the contact's speech command recognition cannot be used. Check the Bluetooth[®] connection and if the contacts have been transferred to the system.
- 2 Say or select a registered contact name.
- In the same manner as it is displayed on the screen, "Call <name>", after saying "Call" say the name of a contact.
 For example: "Call", "John Smith"
- Short or abbreviated names in the contact list may not be recognized. Change names in the contact list to full names.
- Sometimes a voice recognition result confirmation screen will be displayed. After confirming the result, say "Dial".
- When the system recognizes multiple names from the contact list, a name candidate list will be displayed on the screen. If the desired name is not displayed on the top of the screen, say the number of the name from the candidate list to select a name from the candidate list.

- When a contact has multiple telephone numbers registered in the contact list, a candidate list will be displayed. If the desired telephone number is not displayed on the top of the screen, say the number of the desired telephone number from the candidate list to select a telephone number from the candidate list.
- 3 Say or select "Dial" to call the telephone number.



SPEECH COMMAND EXAMPLE: DIAL NUMBER

- Press the talk switch.
- "Dial <number>" is displayed in the "Shortcuts" screen.
- When "Dial <number>" on the "Shortcuts" screen is dimmed, the telephone number voice recognition cannot be used. Check the Bluetooth[®] phone connection.
- 2 Say the telephone number.
- In the same manner as it is displayed on the screen, "Dial <number>", after saying "Dial" say the telephone number.
- Say the telephone number one digit at a time.
 - For example, if the telephone number is 2345678:
 - Say "two three four five six seven eight"
- As the system cannot recognize additional numbers, say the complete number without stopping.
- When the system recognizes multiple telephone numbers, a telephone number candidate list will be displayed on the screen. If the desired telephone number is not displayed on the top of the screen, say the number of the desired telephone number from the candidate list to select a telephone number from the candidate list.
- 3 Say or select "Dial" to call the telephone number.

2. COMMAND LIST

Recognizable speech commands and their actions are shown below.

- Frequently used commands are listed in the following tables.
- For devices that are not installed in the vehicle, the related commands will not be displayed in the "Shortcuts" screen. Also, according to conditions, other commands may not be displayed in the "Shortcuts" screen.
- The functions available may vary according to the system installed.
- Commands that have "O" in the shortcuts menu column can be recognized from the "Shortcuts" screen.
- Voice recognition language can be changed. $(\rightarrow P.75)$

▶ Basic

Command	Action
"Help"	Prompts voice guidance to offer examples of commands and operation methods
"Go back"	Returns to the previous screen

► Navi*1

Command	Action	Shortcuts menu
"Find nearby <poi category="">"</poi>	Displays a list of $\langle POI category^{*2} \rangle$ near the current position	0
"Enter an address"	Enables setting a destination by saying the address	0
"Go home"	Displays the route to home	0

^{*1:} With navigation function

^{*2:} For example; "Restaurant", "Hospital" etc.

► Telephone

Command	Action	Shortcuts menu
"Call <name> <number type="">"</number></name>	Places a call to the said telephone type of the contact from the contact list	0
"Dial <number>"</number>	Places a call to the said telephone number	0

► Audio

Command	Action	Shortcuts menu
"Play artist <name>"</name>	Plays tracks from the selected artist	0
"Play album <name>"</name>	Plays tracks from the selected album	0
"Play song <name>"</name>	Plays the selected track	0
"Play playlist <name>"</name>	Plays tracks from the selected playlist	0

1 LEXUS PARKING ASSIST MONITOR

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PERIPHERAL MONITORING SYSTEM

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1. LEXUS PARKING ASSIST MONITOR*

The parking assist monitor assists the driver by displaying an image of the view behind the vehicle while backing up, for example while parking.

The parking assist monitor assists with the following 2 backing-up operations:

- (1) Perpendicular parking (parking in a garage, etc.)
- (2) Parallel parking (parking at the side of the road, etc.)

(INFORMATION)

• The screen illustrations used in this text are intended as examples, and may differ from the image that is actually displayed on the screen.

DRIVING PRECAUTIONS

The parking assist monitor is a supplemental device intended to assist the driver when backing up. When backing up, be sure to visually check all around the vehicle both directly and using the mirrors before proceeding. If you do not, you may hit another vehicle, and could possibly cause an accident.

Pay attention to the following precautions when using the parking assist monitor.



CAUTION

- Never depend on the parking assist monitor entirely when backing up. The image and the position of the guide lines displayed on the screen may differ from the actual state.
 - Use caution, just as you would when backing up any vehicle.
- Be sure to back up slowly, depressing the brake pedal to control vehicle speed.
- If you seem likely to hit nearby vehicles, obstacles, people or mount the shoulder, depress the brake pedal to stop the vehicle, then disable the assist system by

selecting on the screen to cancel the system.

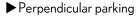
CAUTION

- The instructions given are only guidelines. When and how much to turn the steering wheel will vary according to traffic conditions, road surface conditions, vehicle condition, etc. when parking. It is necessary to be fully aware of this before using the parking assist system.
- When parking, be sure to check that the parking space will accommodate your vehicle before maneuvering into it.
- Do not use the parking assist monitor system in the following cases:
 - On icy or slick road surfaces, or in snow
 - When using tyre chains
 - · When the trunk is not closed completely
 - On roads that are not flat or straight, such as curves or slopes
- In low temperatures, the screen may darken or the image may become faint. The image could distort when the vehicle is moving, or you may become unable to see the image on the screen. Be sure to visually check all around the vehicle both directly and using the mirrors before proceeding.
- If the tyre sizes are changed, the position of the guide lines displayed on the screen may change.
- The camera uses a special lens. The distances between objects and pedestrians that appear in the image displayed on the screen will differ from the actual distances. $(\rightarrow P.306)$

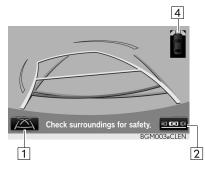
SCREEN DISPLAY

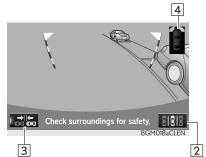
The parking assist monitor screen will be displayed if the shift lever is shifted to the "R" position while the engine power> switch is in IGNITION ON <ON> mode.

• The parking assist monitor displays the last-used parking mode first.









No.	Display	Function
1	Display mode switch screen button	Switches the display mode.
2	Parking mode switch screen button	Switches the parking mode (between perpendicular parking and parallel parking assist screens)
3	Narrow mode screen on-off button	Switch the narrow mode on and off. (\rightarrow P.291)
4	Lexus parking assist-sensor	If an obstacle is detected while the Lexus parking assist-sensor is on, a display is shown in the top right corner of the screen.

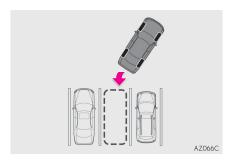
CANCELING LEXUS PARKING ASSIST MONITOR

The parking assist monitor is canceled when the shift lever is shifted into any position other than the "R" position.

- When the shift lever is shifted to the "R" position and any mode button (such as "MENU") is pressed
 - The parking assist monitor is canceled, and the screen is switched to the mode of the button that was pressed.

USING THE SYSTEM WHEN PERPENDICULAR PARKING

Use any of the following modes when perpendicular parking (for example, when parking in a garage).



Estimated course line display mode $(\rightarrow P.292)$

Estimated course lines are displayed which move in accordance with the operation of the steering wheel.



Parking assist guide line display mode (→P.294)

The steering wheel return points (parking assist guide lines) are displayed.



► Distance guide line display mode

Distance guide lines only are displayed.

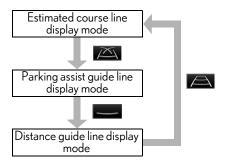


SWITCHING THE DISPLAY MODE

1 Select the display mode switch screen button.



• With each select, the perpendicular parking assist screen switches as follows:



USING THE SYSTEM WHEN PARALLEL PARKING

Screen display and beep sounds provide an estimation of the point at which you should turn the steering wheel when parallel parking. If the position the vehicle is to be parked in is narrower than usual, narrow mode can be used.

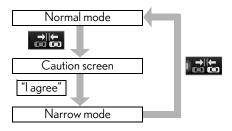




SWITCHING TO NARROW MODE



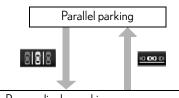
- Select the narrow mode screen on-off button on the parallel parking assist.
- With each select, the mode switches as follows:



SWITCHING THE PARKING MODE SCREEN



- Select the parking mode switch screen button.
- With each select, the perpendicular parking and parallel parking assist screen switches as follows:



Perpendicular parking

- Estimated course line display mode
- Parking assist guide line display mode
- Distance guide line display mode

2. PERPENDICULAR PARKING (ESTIMATED COURSE LINE DISPLAY MODE)

SCREEN DESCRIPTION



BGM009aCLEN

No.	Display	Function
1	Vehicle width guide line	Displays a guide path when the vehicle is being backed straight up. • The displayed width is wider than the actual vehicle width. • These guide lines align with the estimated course lines when the vehicle is going straight ahead.
2	Estimated course lines	Shows an estimated course when the steering wheel is turned.
3	Distance guide lines	 Shows distance behind the vehicle when the steering wheel is turned. The guide lines move in conjunction with the estimated course lines. The guide lines display points approximately 1.5 ft. (0.5 m) (red) and approximately 3 ft. (1 m) (yellow) from the centre of the edge of the bumper.
4	Distance guide line	Shows distance behind the vehicle. • Displays a point approximately 1.5 ft. (0.5 m) (blue) from the edge of the bumper.



A CAUTION

If the steering wheel is straight and the vehicle width guide lines and the estimated course lines are not in alignment, have the vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.

PARKING

When parking in a space which is in the reverse direction to the space described in the procedure below, the steering directions will be reversed.

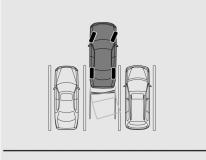
- 1 Shift the shift lever to the "R" position.
- 2 Turn the steering wheel so that the estimated course lines are within the parking space, and back up slowly.

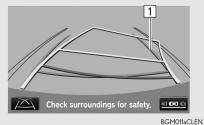




- ► 1 Parking space
 - 2 Estimated course lines

3 When the rear position of the vehicle has entered the parking space, turn the steering wheel so that the vehicle width guide lines are within the left and right dividing lines of the parking space.

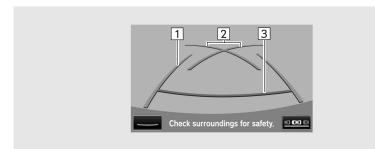




- ▶ 1 Vehicle width guide line
- 4 Once the vehicle width guide lines and the parking space lines are parallel, straighten the steering wheel and back up slowly until the vehicle has completely entered the parking space.
- 5 Stop the vehicle in an appropriate place, and finish parking.

3. PERPENDICULAR PARKING (PARKING ASSIST GUIDE LINE DISPLAY MODE)

SCREEN DESCRIPTION



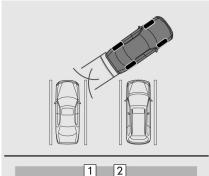
BGM012aCLEN

No.	Display	Function
1	Vehicle width guide line	Displays a guide path when the vehicle is being backed straight up. • The displayed width is wider than the actual vehicle width.
2	Parking assist guide lines	Shows the path of the smallest turn possible behind the vehicle. • Shows the approximate position of the steering wheel when parking.
3	Distance guide line	Shows distance behind the vehicle. • Display points approximately 1.5 ft. (0.5 m) (red) from the edge of the bumper.

PARKING

When parking in a space which is in the reverse direction to the space described in the procedure below, the steering directions will be reversed.

- 1 Shift the shift lever to the "R" position.
- 2 Back up until the parking assist guide line meets the edge of the left-hand dividing line of the parking space.





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- ▶ 1 Parking assist guide line
 - 2 Parking space dividing line

- 3 Turn the steering wheel all the way to the right, and back up slowly.
- 4 Once the vehicle is parallel with the parking space, straighten the steering wheel and back up slowly until the vehicle has completely entered the parking space.
- 5 Stop the vehicle in an appropriate place, and finish parking.

4. PARALLEL PARKING

VEHICLE MOVEMENT PROCEDURE

<Operation details>

Keeping parallel with the road, stop the vehicle leaving a gap of approximately 3 ft. (1 m) between your vehicle and the parked vehicle. [PARKING]: STEP1

Back up until the black and yellow vertical pole just overlaps the rear end of the parked vehicle. Then stop the vehicle. [PARKING]: STEP 4

Leaving the vehicle stopped, move the steering wheel until the blue outline meets the desired parking space, and back up while keeping the steering wheel in that position. [PARKING]: STEP 5

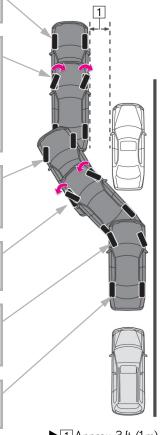
A curved blue line is displayed. Keep the steering wheel in the same position and back up until the curved blue line meets the right corner of the parking space. [PARKING]: STEP 7

When it meets the right corner of the parking space, turn the steering wheel in the opposite direction as far as it will go. [PARKING]: STEP 8

Keeping the steering wheel in that position, check your surroundings visually and using mirrors, and back up using the distance guide lines etc. as a reference. [PARKING]: STEP 9

When the vehicle is approximately in the desired parking location, parallel parking assist is complete. [PARKING]: STEP 10

<Vehicle movement>



AZ067C

► 1 Approx. 3 ft. (1 m)



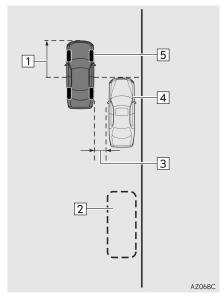
CAUTION

- Do not use the system if the display is incorrect due to an uneven (curvy/hilly) road or a nonstraight road.
- Make sure to operate the steering wheel only when the vehicle is stopped.

PARKING

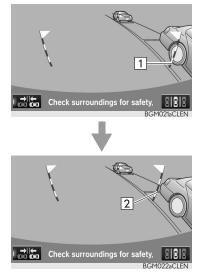
The following example describes the procedure for pulling into a parking space on the right. For pulling into a parking space on the left, substitute left for right and vice versa in all steps.

- Stop the vehicle in the position as described below, and straighten the steering wheel.
- A position in which you are parallel with the road (or the side of the road), and in which there is approximately 3 ft. (1 m) of space between your vehicle and the parked vehicle
- A position in which you are half a vehicle's length ahead of the parked vehicle



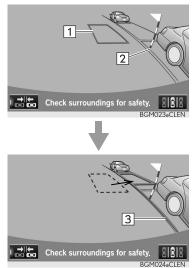
- ▶ 1 Roughly half a vehicle's length
 - 2 Desired parking space
 - 3 Approx. 3 ft. (1 m)
 - 4 Parked vehicle
 - 5 Your vehicle

- 2 Shift the shift lever to the "R" position.
- 3 Make sure the monitor displays the part behind the rear tyres of the parked vehicle, and select ...
- If the area is not displayed, move the vehicle to forward.
- 4 With the steering wheel straight, back up slowly to a position at which the black and yellow vertical pole just overlaps the rear end of the parked vehicle. Then stop the vehicle.

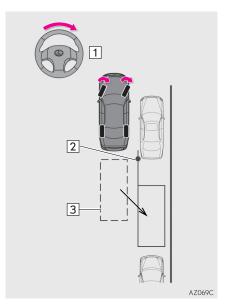


- ▶ 1 Black and yellow vertical pole
 - 2 Back the vehicle up to here

- 5 Turn the steering wheel with the vehicle stopped until the blue outline meets the desired parking space.
- If the extended line from the blue outline is displayed, the parallel parking assist is operational.



- ▶ 1 Blue outline
 - 2 Black and yellow vertical pole
 - 3 Extended line



- ▶ 1 Turn the steering wheel right2 Black and yellow vertical pole
 - 3 Blue outline

NOTICE

- Be sure to check that there are no obstacles inside the blue outline.

 If there are any obstacles inside the blue.
 - If there are any obstacles inside the blue outline, do not use the parallel parking assist.
- When positioning the blue outline over the parking space, be sure to position it so that the extended blue line may not cross the tyre of the vehicle parked in front of the empty space.
- If the extended line of the blue outline is crossing the parked vehicle, your vehicle may be too close. Check that there is a gap of approximately 3 ft. (1 m) between your vehicle and the parked vehicle.



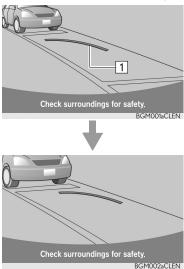
▶ 1 Extended line overlapping wheel

- 6 Keep the steering wheel in its current position and backing up.
- The parallel parking assist will be canceled if the steering wheel is moved while backing up. Shift the shift lever out of the "R" position, and restart from the procedure 1.

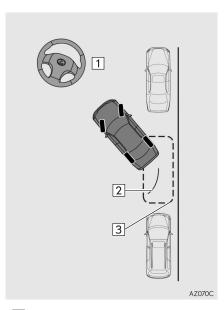




 When backing up, be careful not to hit any obstacles with your vehicle. Back the vehicle up slowly. 7 A curved blue line will appear on the screen. Keep the steering wheel in its current position and back up slowly. Stop when the curved blue line meets the corner of the desired parking space.



►1 Curved blue line



- ▶ 1 Back up keeping the steering wheel in its current position
 - 2 Curved blue line
 - 3 Curved blue line meets the corner here
- If you back up too quickly, you may lose synchronization with the parallel parking assist.
- 8 Leaving the vehicle stopped, turn the steering wheel all the way to the left.
- Be sure to turn the steering wheel only when the vehicle is stopped.

9 When the screen changes, keep the steering wheel in its current position and back up.



NOTICE

- When backing up, be careful not to hit any obstacles with your vehicle. Back the vehicle up slowly.
- 10 When the vehicle is parallel with the road or the shoulder, straighten the steering wheel.
 - Check your surroundings visually and with the mirrors, then back up using the distance guide lines as a reference, and stop.
- When the vehicle is approximately in the desired parking location, the parallel parking assist is complete.

(INFORMATION)

- There is a possibility that parallel parking guidance may not be given when backing up at a very slow speed.
- If the trunk is opened, the parallel parking assist will be discontinued halfway.

CANCELING PARALLEL PARKING ASSIST

1 Select BBB.

VEHICLES EQUIPPED WITH LEXUS PARKING ASSIST-SENSOR

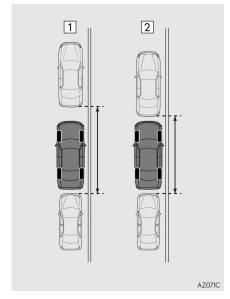
• If the Lexus parking assist-sensor detects an object while you attempt to park in a parking space on the left, the black and yellow vertical pole could be obscured by the Lexus parking assist-sensor display. In this event, turn the Lexus parking assist-sensor switch off (→P.312), and operate the vehicle while checking the safety of the surrounding area direct visually and with mirror. After the operation, turn the switch on.

IF THE MESSAGE "Steering wheel turned too far, please return." IS DISPLAYED

- The steering wheel has been turned too far, and the system cannot function. Return the steering wheel to its original position.
- If the message is displayed before the outline is positioned over the desired parking space, it is likely that the vehicle is too far away from the shoulder. Check that there is a gap of approximately 3 ft. (1 m) between your vehicle and the parked vehicle.

NARROW MODE

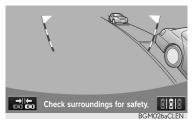
If the position the vehicle is to be parked in is narrower than usual, narrow mode can be used.



- ▶ 1 Normal mode
 - 2 Narrow mode
- If the engine <power> switch is turned off when the parking assist monitor is canceled with narrow mode, the caution screen is displayed first when the parallel parking assist is selected next time.

OPERATING NARROW MODE

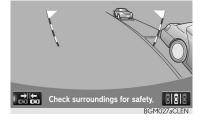
1 Select while in parallel parking assist mode.



2 Confirm the warning on the caution screen. If you agree, select "I agree". To cancel narrow mode, select



3 When the system is switched to narrow mode, the indicator on will be turned on.

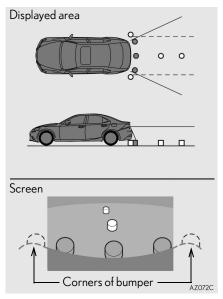


• Select again to switch the system to the normal mode.

5. LEXUS PARKING ASSIST MONITOR PRECAUTIONS

AREA DISPLAYED ON SCREEN

The parking assist monitor displays an image of the view from the bumper of the rear area of the vehicle.



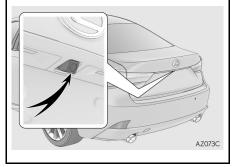
 The image adjustment procedure for the parking assist monitor screen is the same as the procedure for adjusting the screen. (→P.47)

(INFORMATION)

- The area displayed on the screen may vary according to vehicle orientation conditions.
- Objects which are close to either corner of the bumper or under the bumper cannot be displayed.
- The camera uses a special lens. The distance of the image that appears on the screen differs from the actual distance.
- Items which are located higher than the camera may not be displayed on the monitor.

THE CAMERA

The camera for the parking assist monitor is located as shown in the illustration.



USING THE CAMERA

If dirt or foreign matter (such as water droplets, snow, mud etc.) is adhering to the camera, it cannot transmit a clear image. In this case, flush it with a large quantity of water and wipe the camera lens clean with a soft and wet cloth.

1

NOTICE

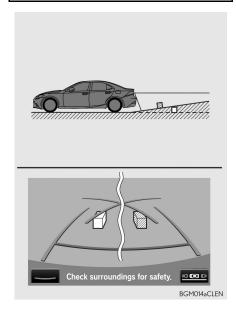
- The parking assist monitor may not operate properly in the following cases.
 - If the back of the vehicle is hit, the position and mounting angle of the camera may change.
 - As the camera has a water proof construction, do not detach, disassemble or modify it. This may cause incorrect operation.
 - When cleaning the camera lens, flush the camera with a large quantity of water and wipe it with a soft and wet cloth. Strongly rubbing the camera lens may cause the camera lens to be scratched and unable to transmit a clear image.
 - Do not allow organic solvent, car wax, window cleaner or a glass coating to adhere to the camera. If this happens, wipe it off as soon as possible.
 - If the temperature changes rapidly, such as when hot water is poured on the vehicle in cold weather, the system may not operate normally.
 - When washing the vehicle, do not apply intensive bursts of water to the camera or camera area. Doing so may result in the camera malfunctioning.
- Do not expose the camera to strong impact as this could cause a malfunction. If this happens, have the vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional as soon as possible.

DIFFERENCES BETWEEN THE SCREEN AND THE ACTUAL ROAD

- The distance guide lines and the vehicle width guide lines may not actually be parallel with the dividing lines of the parking space, even when they appear to be so. Be sure to check visually.
- The distances between the vehicle width guide lines and the left and right dividing lines of the parking space may not be equal, even when they appear to be so. Be sure to check visually.
- The distance guide lines give a distance guide for flat road surfaces. In any of the following situations, there is a margin of error between the guide lines on the screen and the actual distance/course on the road.

WHEN THE GROUND BEHIND THE VEHICLE SLOPES UP SHARPLY

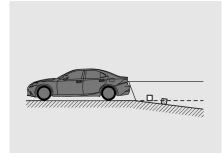
The distance guide lines will appear to be closer to the vehicle than the actual distance. Because of this, objects will appear to be farther away than they actually are. In the same way, there will be a margin of error between the guide lines and the actual distance/course on the road.

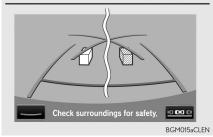


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WHEN THE GROUND BEHIND THE VEHICLE SLOPES DOWN SHARPLY

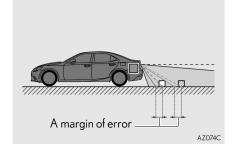
The distance guide lines will appear to be farther from the vehicle than the actual distance. Because of this, objects will appear to be closer than they actually are. In the same way, there will be a margin of error between the guide lines and the actual distance/course on the road.





WHEN ANY PART OF THE VEHICLE SAGS

When any part of the vehicle sags due to the number of passengers or the distribution of the load, there is a margin of error between the guide lines on the screen and the actual distance/course on the road.

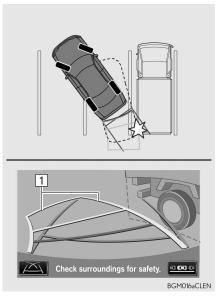


WHEN APPROACHING THREE-DIMENSIONAL OBJECTS

The estimated course lines target flat surfaced objects (such as the road). It is not possible to determine the position of three-dimensional objects (such as vehicles) using the estimated course lines and distance guide lines. When approaching a three-dimensional object that extends outward (such as the flatbed of a truck), be careful of the following.

ESTIMATED COURSE LINES

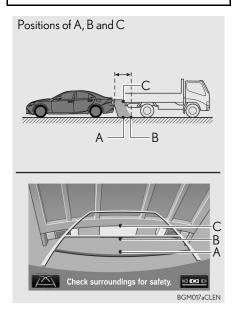
Visually check the surroundings and the area behind the vehicle. In the case shown below, the truck appears to be outside of the estimated course lines and the vehicle does not look as if it hits the truck. However, the rear body of the truck may actually cross over the estimated course lines. In reality if you back up as guided by the estimated course lines, the vehicle may hit the truck.



► 1 Estimated course lines

DISTANCE GUIDE LINES

Visually check the surroundings and the area behind the vehicle. On the screen, it appears that a truck is parking at point B. However, in reality if you back up to point A, you will hit the truck. On the screen, it appears that A is closest and C is farthest away. However, in reality, the distance to A and C is the same, and B is farther than A and C.



6. THINGS YOU SHOULD KNOW

IF YOU NOTICE ANY SYMPTOMS

If you notice any of the following symptoms, refer to the likely cause and the solution, and re-check.

If the symptom is not resolved by the solution, have the vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.

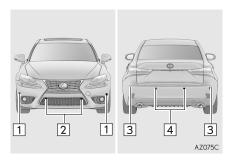
Symptom	Likely cause	Solution
The image is difficult to see	 The vehicle is in a dark area The temperature around the lens is either high or low The outside temperature is low There are water droplets on the camera It is raining or humid Foreign matter (mud etc.) is adhering to the camera Sunlight or headlights are shining directly into the camera The vehicle is under fluorescent lights, sodium lights, mercury lights etc. 	Back up while visually checking the vehicle's surroundings. (Use the monitor again once conditions have been improved.) The procedure for adjusting the picture quality of the parking assist monitor is the same as the procedure for adjusting the screen. (→P.47)
The image is blurry	Dirt or foreign matter (such as water droplets, snow, mud etc.) is adhering to the camera.	Flush the camera with a large quantity of water and wipe the camera lens clean with a soft and wet cloth.
The image is out of alignment	The camera or surrounding area has received a strong impact.	Have the vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped pro- fessional.

Symptom	Likely cause	Solution
The guide lines are very far out of alignment	The camera position is out of alignment.	Have the vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.
	 The vehicle is tilted. (There is a heavy load on the vehicle, tyre pressure is low due to a tyre puncture, etc.) The vehicle is used on an incline. 	If this happens due to these causes, it does not indicate a malfunction. Back up while visually checking the vehicle's surroundings.
The estimated course lines move even though the steering wheel is straight	There is a malfunction in the signals being output by the steering sensor.	Have the vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped pro- fessional.
Guide lines are not displayed	The trunk is open.	Close the trunk. If this does not resolve the symptom, have the vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.
"System initialising." is displayed System initialising. 2 BGMO3IaCLEN	 The 12-volt battery has been reinstalled. The steering wheel has been moved while the 12-volt battery was being reinstalled. 12-volt battery power is low. The steering sensor has been reinstalled. There is a malfunction in the signals being output by the steering sensor. 	Stop the vehicle, and turn the steering wheel as far as it will go to the left and right. If this does not resolve the symptom, have the vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional. On the system initialization screen, select "?" to display the operating procedure. Help Turn the strering wheel all the way to the left, then to the right to activate the guidance.

1. LEXUS PARKING ASSIST-SENSOR*

The distance to obstacles measured by the sensors is communicated via the display and a buzzer when parallel parking or maneuvering into a garage. Always check the surrounding area when using this system.

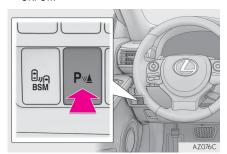
TYPES OF SENSORS



- 1 Front corner sensors
- 2 Front centre sensors
- 3 Rear corner sensors
- 4 Rear centre sensors

LEXUS PARKING ASSIST-SENSOR SWITCH

Turn the Lexus parking assist-sensor on/off.

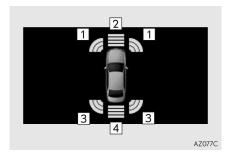


 When on, the indicator light comes on to inform the driver that the system is operational.

DISPLAY

When the sensors detect an obstacle, the graphic is shown on the multi-information display and screen display according to position and distance to the obstacle.

■ MULTI-INFORMATION DISPLAY



- 1 Front corner sensors operation
- 2 Front centre sensors operation
- 3 Rear corner sensors operation
- 4 Rear centre sensors operation

■ SCREEN DISPLAY

► When the vehicle is moving forward



- : Select to mute the buzzer sounds.
- The graphic is automatically displayed when an obstacle is detected. The screen can be set so that the graphic is not displayed. (→P.319)
- ► When the vehicle is moving backward
- A simplified image is displayed on the right upper corner of the screen when an obstacle is detected.

THE DISTANCE DISPLAY AND BUZZER

When a sensor detects an obstacle, the direction of and the approximate distance to the obstacle are displayed and the buzzer sounds.

■ CORNER SENSORS

Level	1	2	3	4
Display example	_			(8)
Buzzer	_	Medium	Fast	Continuous

■ CENTRE SENSORS

Level	1	2	3	4
Display example			<u> </u>	Ē
Buzzer	Slow	Medium	Fast	Continuous

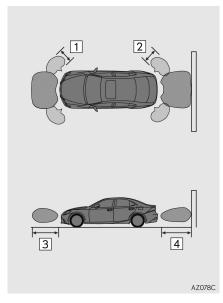
■ DETECTION LEVEL AND APPROXIMATE DISTANCE TO AN OBSTACLE

Level	1	2	3	4
Front corner sensors	_	1.6 to 1.3 ft. (50 to 40 cm)	1.3 to 1.0 ft. (40 to 30 cm)	1.0 ft. (30 cm) or less
Front centre sensors	3.3 to 1.6 ft. (100 to 50 cm)	1.6 to 1.3 ft. (50 to 40 cm)	1.3 to 1.0 ft. (40 to 30 cm)	1.0 ft. (30 cm) or less
Rear corner sensors	_	2.0 to 1.5 ft. (60 to 45 cm)	1.5 to 1.0 ft. (45 to 30 cm)	1.0 ft. (30 cm) or less
Rear centre sensors	4.9 to 2.0 ft. (150 to 60 cm)	2.0 to 1.5 ft. (60 to 45 cm)	1.5 to 1.1 ft. (45 to 35 cm)	1.1 ft. (35 cm) or less

(INFORMATION)

• Settings (e.g. buzzer volume) can be changed. $(\rightarrow P.319)$

DETECTION RANGE OF THE SENSORS



- 1 Approximately 1.6 ft. (50 cm)
- 2 Approximately 2.0 ft. (60 cm)
- 3 Approximately 3.3 ft. (100 cm)
- 4 Approximately 4.9 ft. (150 cm)
- The diagram shows the detection range of the sensors. Note that the sensors cannot detect obstacles that are extremely close to the vehicle.
- The range of the sensors may change depending on the shape of the object etc.

SENSOR DETECTION INFORMATION

Certain vehicle conditions and the surrounding environment may affect the ability of a sensor to correctly detect an obstacle. Particular instances where this may occur are listed below.

- There is dirt, snow or ice on a sensor.
- A sensor is frozen.
- A sensor is covered in any way.
- The vehicle is leaning considerably to one side.
- On an extremely bumpy road, on an incline, on gravel, or on grass
- The vicinity of the vehicle is noisy due to vehicle horns, motorcycle engines, air brakes of large vehicles, or other loud noises producing ultrasonic waves.
- There is another vehicle equipped with parking assist-sensors in the vicinity.
- A sensor is coated with a sheet of spray or heavy rain.
- The vehicle is equipped with a fender pole or radio antenna.
- Towing eyelets are installed.
- A bumper or sensor receives a strong impact.
- The vehicle is approaching a tall or rightangled curb.
- In harsh sunlight or intense cold weather.
- A non-genuine Lexus suspension (lowered suspension etc.) is installed.
 - In addition to the examples above, there are instances in which, because of their shapes, signs and other objects may be judged by a sensor to be closer than they are.

- The shape of the obstacle may prevent a sensor from detecting it. Pay particular attention to the following obstacles:
 - Wires, fences, ropes, etc.
 - · Cotton, snow and other materials that absorb sound waves
 - Sharply-angled objects
 - Low obstacles
 - · Tall obstacles with upper sections projecting outwards in the direction of your vehicle

A CAUTION

- Caution when using the Lexus parking assist-sensor
 - Observe the following precautions. Failing to do so may result in the vehicle being unable to be driven safely and possibly cause an accident.
 - · Do not use the sensor at speeds in excess of 6 mph (10 km/h).
 - · Do not attach any accessories within the sensor range.
- Even though sensors which are functioning properly continue to detect obstacles, never use the Lexus parking assist if one more sensor(s) may be malfunctioning.

<u>^</u>!\

NOTICE

- Notes when washing the vehicle
- Do not apply intensive bursts of water or steam to the sensor area.
- Doing so may result in the sensor malfunctioning.
- As the parking assist-sensor might be malfunctioning in the following cases, have it checked by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.
 - The graphic which indicates that an obstacle has been detected does not come on and a beep does not sound even when the Lexus parking assistsensor mode is turned on.
 - The graphic which indicates that an obstacle has been detected comes on despite no obstacle around the vehicle.
 - If your vehicle has been involved in an accident.
 - If the graphic which indicates that an obstacles has been detected remains on without a beeping sound.

LEXUS PARKING ASSIST-SENSOR FAILURE WARNING

If an error is detected when the parking assist-sensor is turned on, the vehicle symbol comes on or flashes with beeping sounds.

(INFORMATION)

- The parking assist-sensor failure warning display is not given in either of the following operations:
 - Changing to another screen
 - Turning off the main switch for the Lexus parking assist-sensor

IF THE FAILURE WARNING APPEARS

: This symbol indicates that a sensor is covered with foreign matter such as snow or mud. Remove the foreign matter from the sensor.

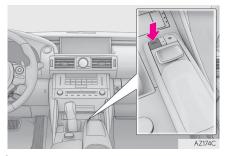
If the failure warning does not go off even after the foreign matter is removed, the parking assist-sensor may be malfunctioning. Have your vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.

S: This symbol indicates that the parking assist-sensor is malfunctioning. Have your vehicle inspected by any authorized Lexus dealer or repairer, or another duly qualified and equipped professional.

2. LEXUS PARKING ASSIST SETTING

The volume of the beeps, turning on or off of the display, etc. can be set.

1 Press the "MENU" button on the Remote Touch.



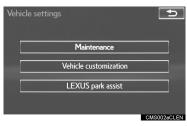
2 Select "Setup".



3 Select "Vehicle".



4 Select "LEXUS park assist".



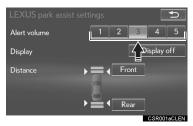
5 Select the desired button.



SETTING AN ALERT VOLUME

The alert volume can be adjusted.

- 1 Display the "LEXUS park assist settings" screen. (→P.319)
- 2 Select the desired screen button.



• The volume has 5 levels, increasing with higher value.

SETTING A PARKING SONAR DISPLAY

Parking sonar display can be set to on or off.

- 1 Display the "LEXUS park assist settings" screen. (→P.319)
- 2 Select "Display off" to turn off the parking sonar display.



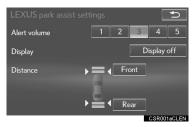
(INFORMATION)

 Although "Display off" is selected, if the obstacle is detected during the Lexus parking assist monitoring, the warning appears on the right top of the screen.

SETTING A DISPLAY AND TONE INDICATION

Front and back sensors display and tone indication can be set.

- 1 Display the "LEXUS park assist settings" screen. (→P.319)
- 2 Select "Front" or "Rear".



 Selecting "Front" or "Rear" to switch the distance for the front or back sensors display and tone indication, from long distance to short distance, or from short distance to long distance.

TELEPHONE

1	TELEPHONE OPERATION (HANDS-FREE SYSTEM FOR CELLULAR PHONES)			TALKING ON THE Bluetooth® PHONE INCOMING CALL WAITING	
1.	QUICK REFERENCE	. 324	6.	Bluetooth® PHONE MESSAGE FUNCTION	
2.	SOME BASICS	. 325		RECEIVING A MESSAGE	
	REGISTERING/CONNECTING A Bluetooth® PHONE USING THE TELEPHONE SWITCH/MICROPHONESPEECH COMMAND SYSTEM	326		REPLYING TO A MESSAGE (QUICK REPLY)CALLING THE MESSAGE SENDER	344
	ABOUT THE CONTACTS IN	527	2	SETUP	
	THE CONTACT LIST	328	-		
	WHEN SELLING OR DISPOSING OF THE VEHICLE	328	1.	TELEPHONE SETTINGS	
3.	CALLING ON THE Bluetooth® PHONE	. 329		"Sound settings" SCREEN" "Messaging settings" SCREEN	
	BY FAVOURITES LIST	330		"Telephone display settings" SCREEN	350
	BY CALL HISTORYBY CONTACTS LIST			"Lexus Euro assistance 24 settings" SCREEN	351
	BY DIAL PAD	334	2.	CONTACT SETTINGS	353
	BY OFF HOOK SWITCH	335		"Contacts" SCREEN	354
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4.	RECEIVING ON THE Bluetooth® PHONE	. 337		"Delete call history" SCREEN	363
	INCOMING CALLS	337	3	WHAT TO DO IF	
			1.	TROUBLESHOOTING	364

For vehicles sold outside Europe, some of the functions cannot be operated while driving.

1. QUICK REFERENCE

The telephone top screen can be used to make a telephone call. To display the telephone top screen, press the "MENU" button on the Remote Touch and select "Telephone", or the switch on the steering wheel.



Function		
	Registering/connecting Bluetooth [®] device	50
Telephone operation	Calling on the Bluetooth [®] phone	329
r elepriorie operation	Receiving on the Bluetooth $^{\circledR}$ phone	337
	Talking on the Bluetooth [®] phone	338
Message function	Using the Bluetooth $^{\circledR}$ phone message function	341
	Telephone settings	347
Setting up a telephone	Contact settings	353
	$Bluetooth^{ exttt{ iny B}}$ settings	56

2. SOME BASICS

The hands-free system enables calls to be made and received without having to take your hands off the steering wheel.

This system supports Bluetooth[®]. Bluetooth[®] is a wireless data system that enables cellular phones to be used without being connected by a cable or placed in a cradle.

The operating procedure of the telephone is explained here.

A

CAUTION

- Use a cellular phone or connect the Bluetooth[®] phone only when safe and legal to do so.
- Your audio unit is fitted with Bluetooth[®] antennas. People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the Bluetooth[®] antennas. The radio waves may affect the operation of such devices.
- Before using Bluetooth devices, users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.

NOTICE

 Do not leave your cellular phone in the vehicle. The temperature inside may rise to a level that could damage the telephone.

- If your cellular phone does not support Bluetooth®, this system cannot function.
- In the following conditions, the system may not function:
 - The cellular phone is turned off.
 - The current position is outside the communication area.
 - The cellular phone is not connected.
 - The cellular phone has a low battery.
- ●When using Bluetooth[®] audio and hands-free system at the same time, the following problems may occur:
 - The Bluetooth[®] connection may be cut.
 - Noise may be heard on the Bluetooth[®] audio playback.

REGISTERING/ CONNECTING A Bluetooth® PHONE

To use the hands-free system for cellular phones, it is necessary to register a cellular phone with the system. $(\rightarrow P.50)$

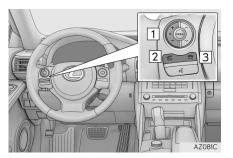
Bluetooth® PHONE CONDITION DISPLAY

The condition of the Bluetooth[®] phone appears on the upper right side of the screen. $(\rightarrow P.18)$

USING THE TELEPHONE SWITCH/MICROPHONE

► Steering switch

By pressing the telephone switch, a call can be received or ended without taking your hands off the steering wheel.



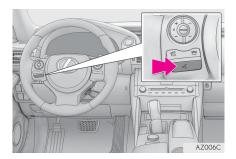
- 1 Volume control switch
- Press the "+" side to increase the volume.
- Press the "-" side to decrease the volume.
- 2 Off hook switch
- 3 On hook switch
- **►** Microphone

The microphone is used when talking on the telephone.



SPEECH COMMAND SYSTEM

Press this switch to operate the speech command system.



 The speech command system and its list of commands can be operated. (→P.274)

- The other party's voice will be heard from the front speakers. The audio/visual system will be muted during telephone calls or when hands-free speech commands are used.
- Talk alternately with the other party on the telephone. If both parties speak at the same time, the other party may not hear what has been said. (This is not a malfunction.)
- Keep call volume down. Otherwise, the other party's voice may be audible outside the vehicle and voice echo may increase. When talking on the telephone, speak clearly towards the microphone.
- The other party may not hear you clearly when:
 - Driving on an unpaved road. (Making excessive traffic noise.)
 - Driving at high speeds.
 - The roof or windows are open.
- The air conditioning vents are pointed towards the microphone.
- The sound of the air conditioning fan is loud.
- There is a negative effect on sound quality due to the telephone and/or network being used.

ABOUT THE CONTACTS IN THE CONTACT LIST

- The following data is stored for every registered telephone. When another telephone is connected, the following registered data cannot be read:
 - Contact data
 - · Call history data
 - Favourites data
 - Image data
 - · All telephone settings
 - Message settings

(INFORMATION)

 When a telephone's registration is deleted, the above-mentioned data is also deleted.

WHEN SELLING OR DISPOSING OF THE VEHICLE

A lot of personal data is registered when the hands-free system is used. When selling or disposing of the vehicle, initialize the data. $(\rightarrow P.82)$

- The following data in the system can be initialized:
 - · Contact data
 - · Call history data
 - Favourites data
 - Image data
 - All telephone settings
 - Message settings

(INFORMATION)

 Once initialized, the data and settings will be erased. Pay much attention when initializing the data.

3. CALLING ON THE Bluetooth® PHONE

After a Bluetooth[®] phone has been registered, a call can be made using the hands-free system. There are several methods by which a call can be made, as described below.

1 Press the "MENU" button on the Remote Touch.



2 Select "Telephone".



3 Select the desired button to call from.



• The telephone top screen can be displayed by pressing the switch on the steering wheel.

How to make a call list	Page
By favourites list	330
By call history	330
By contacts list	332
By dial pad	334
By e-mail/SMS/MMS	345
By POI call*	107
SOS	335
By off hook switch	335
By speech command system	280

^{*:} With navigation function

BY FAVOURITES LIST

Calls can be made using registered contacts which can be selected from a contact list. $(\rightarrow P.359)$

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Favourites".
- 3 Select the desired contact.



"Lexus Euro assistance 24": →P.336

4 Select the desired number.



5 Check that the "Call" screen is displayed.

BY CALL HISTORY

Up to 45 call history items (missed, incoming and outgoing) can be selected from the "Call history" screen.

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Call history".
- 3 Select or the desired contact from the list.



No.	Function
1	All calls. (missed, incoming or outgoing)
2	Calls that were missed.
3	Calls that were received.
4	Calls that were sent.
5	The icons of call type are displayed. **Continuous Call**: Missed call**: Incoming call**: Outgoing call**:

- ► When is selected
- 4 Check that the "Call" screen is displayed.
- ► When the desired contact is selected
- 4 Select the desired number.



5 Check that the "Call" screen is displayed.

- When making a call to the same number continuously, only the most recent call is listed in call history.
- When a telephone number registered in the contact list is received, the name is displayed.
- Number-withheld calls are also memorized in the system.
- International telephone calls may not be made depending on the type of cellular phone you have.
- The list should group together consecutive entries with the same telephone number and same call type. For example, two calls from Jhon's mobile would be displayed as follows: Jhon (2)
- By pressing the switch on the steering wheel, a call to the latest history item can be made.

BY CONTACTS LIST

Calls can be made by using contact data which is transferred from a registered cellular phone. $(\rightarrow P.353)$

Up to 2500 contacts (maximum of 4 telephone numbers and e-mail addresses per contact) can be registered in the contact list.

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts".
- 3 Select the desired contact.



4 Select the desired number.



5 Check that the "Call" screen is displayed.

WHEN THE CONTACT IS EMPTY

- FOR PBAP COMPATIBLE Bluetooth® PHONES
- ► When "Automatic contact/history transfer" is set to on $(\rightarrow P.350)$
- 1 Select "Contacts".
- Contacts are transferred automatically.
- 2 Check that a confirmation screen is displayed when the operation is complete.

- ► When "Automatic contact/history transfer" is set to off (\rightarrow P.350)
- 1 Select "Contacts".
- 2 Select the desired item.



No.	Function
1	Select to always transfer all the contacts from a connected cellular phone automatically.
2	Select to transfer all the contacts from a connected cellular phone only once.
3	Select to cancel transferring.

3 Check that a confirmation screen is displayed when the operation is complete.

- FOR PBAP INCOMPATIBLE BUT OPP COMPATIBLE Bluetooth® PHONES
- 1 Select "Contacts".
- 2 Select the desired item.



	PMN003aCLEN
No.	Function
1	Select to transfer the contacts from the connected cellular phone.
2	Select to add a new contact manually.
3	Select to cancel transferring.

- ► When "Transfer" is selected
- 3 Follow the steps in "FOR PBAP IN-COMPATIBLE BUT OPP COMPATI-BLE Bluetooth® PHONES" from "STEP 3". (→P.355)
- ► When "Add" is selected
- 3 Follow the steps in "REGISTERING A NEW CONTACT TO THE CONTACTS LIST" from "STEP 2". (→P.356)

(INFORMATION)

- Manual transfer operation cannot be performed while driving.
- If your cellular phone is neither PBAP nor OPP compatible, the contacts cannot be transferred.
- Depending on the type of Bluetooth[®] phone:
 - It may be necessary to perform additional steps on the telephone when transferring contact data.
 - The registered image in the contact list may not transfer depending on the type of Bluetooth[®] phone connected.

BY DIAL PAD

- 1 Display the telephone top screen. (→P.329)
- 2 Enter the telephone number.
- 3 Select or press the switch on the steering wheel.
- 4 Check that the "Call" screen is displayed.

(INFORMATION)

Depending on the type of Bluetooth[®] phone being connected, it may be necessary to perform additional steps on the telephone.

BY OFF HOOK SWITCH

Calls can be made using the latest call history item.

- 1 Press the switch on the steering wheel to display the telephone top screen.
- 2 Press the switch on the steering wheel to display the "Call history" screen.
- 3 Press the switch on the steering wheel to call the latest history item.
- 4 Check that the "Call" screen is displayed.

SOS

112 EMERGENCY CALL SUPPORT

This feature is used to make a 112 emergency call. This function is not available when the hands-free system is not connected.

The call has to be placed from a country where 112 is available.

- 1 Display the telephone top screen. (→P.329)
- 2 Select "SOS".
- **3** Select **"112"**.



4 Check that the "Call" screen is displayed.



• The current location of the vehicle is displayed on the screen.

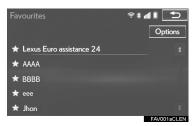
ROADSIDE ASSIST

This feature is used to make a call to Lexus roadside assist service.

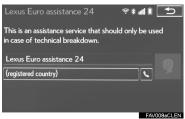
The call has to be placed from a country where Lexus roadside assist service is available.

To use this function, it is necessary to register a country. $(\rightarrow P.351)$

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Favourites".
- 3 Select "Lexus Euro assistance 24".



4 Select .



5 Check that the "Call" screen is displayed.



• The current location of the vehicle is displayed on the screen.

4. RECEIVING ON THE Bluetooth® PHONE

INCOMING CALLS

When a call is received, this screen is displayed with a sound.

1 Select or press the switch on the steering wheel to talk on the telephone.



To refuse to receive the call: Select or press the switch on the steering wheel.

To adjust the volume of a received call: Turn the Power/Volume knob, or use the volume control switch on the steering wheel.

- During international telephone calls, the other party's name or number may not be displayed correctly depending on the type of cellular phone you have.
- The incoming call display mode can be set. $(\rightarrow P.350)$
- The ringtone that has been set in the "Sound settings" screen sounds when there is an incoming call. Depending on the type of Bluetooth[®] phone, both the system and Bluetooth[®] phone may sound simultaneously when there is an incoming call. (→P.348)

5. TALKING ON THE Bluetooth® PHONE

While talking on the telephone, this screen is displayed. The operations outlined below can be performed on this screen.



No.	Function	Page
1	Select to change handset modes between hands-free and cellular phone.	_
2	Select to start talking with the other party.	340
3	Select "+" or "-" to adjust the volume of the other party's voice.	_
4	Select to display the dial pad to send tones.	339
5	Select to mute your voice to the other party.	_
6	Select to adjust your voice volume that the other party hears from their speaker.	340
7	Select to send tones. This button only appears when a number that contains a (w) is dialed in hands-free mode.	339
8	Select to hang up the telephone.	_

- When cellular phone call is changed to hands-free call, the hands-free screen will be displayed and its functions can be operated on the screen.
- Changing between cellular phone call and hands-free call can be performed by operating the cellular phone directly.
- Transferring methods and operations will be different depending on the type of cellular phone you have.
- For the operation of the cellular phone, see the manual that comes with it.

SENDING TONES

- BY DIAL PAD
- 1 Select "0-9".



- 2 Enter the desired number.
- BY SELECTING "Release tones"

"Release tones" appear when a continuous tone signal(s) containing a (w) is registered in the contact list.

1 Select "Release tones".

- ●A continuous tone signal is a character string that consists of numbers and the characters p or w. (e.g. 056133w0123p#1*)
- When the "p" pause tone is used, the tone data up until the next pause tone will be automatically sent after 2 seconds have elapsed. When the "w" pause tone is used, the tone data up until the next pause tone will be automatically sent after a user operation is performed.
- Release tones can be used when automated operation of a telephone based service such as an answering machine or bank telephone service is desired. A telephone number with continuous tone signals can be registered in the contact list.

TRANSMIT VOLUME SETTING

- 1 Select "Transmit volume".
- 2 Select the desired level for the transmit volume.



(INFORMATION)

- The sound quality of the voice heard from the other party's speaker may be negatively impacted.
- To reset the transmit volume, select "Default".
- "Transmit volume" is dimmed when mute is on.

INCOMING CALL WAITING

When a call is interrupted by a third party while talking, this screen is displayed.

1 Select or press the switch on the steering wheel to start talking with the other party.



To refuse to receive the call: Select or press the switch on the steering wheel.

• Each time is selected or the switch on the steering wheel is pressed during an interrupted call, the party who is on hold will be switched.

(INFORMATION)

• This function may not be available depending on the type of cellular phone.

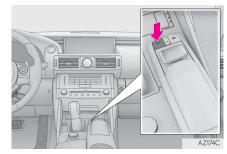
6. Bluetooth® PHONE MESSAGE FUNCTION

Received messages can be forwarded from the connected Bluetooth[®] phone, enabling checking and replying using the system.

Depending on the type of Bluetooth[®] phone connected, received messages may not be transferred to the message inbox.

If the telephone does not support the message function, this function cannot be used.

1 Press the "MENU" button on the Remote Touch.



2 Select "Telephone".



3 Select "Messages".



- The telephone top screen can be displayed by pressing the switch on the steering wheel.
- 4 Check that the "Messages" screen is displayed.



Function	Page
Receiving a message	342
Checking messages	343
Replying to a message (quick reply)	344
Calling the message sender	345
Message settings	349

RECEIVING A MESSAGE

When an e-mail/SMS/MMS is received, the incoming message screen pops up with sound and is ready to be operated on the screen.



No.	Function
1	Select to check the message.
2	Select to not open the message.
3	Select to call the message sender.

(INFORMATION)

- Depending on the cellular phone used for receiving messages, or its registration status with the system, some information may not be displayed.
- The pop up screen is separately available for incoming e-mail and SMS/MMS messages under the following conditions:
 F-mail:
 - "Incoming E-mail display" is set to "Full screen". (→P.349)
 - "E-mail notification popup" is set to on. (→P.349)

SMS/MMS:

- "Incoming SMS/MMS display" is set to "Full screen". (→P.349)
- "SMS/MMS notification popup" is set to on. (→P.349)

CHECKING MESSAGES

- 1 Display the "Messages" screen. (→P.341)
- 2 Select the desired message from the list.
- **3** Check that the message is displayed.



No.	Function
1	Select "Mark unread" or "Mark read" to mark mail unread or read on the message screen. This function is available when "Update message read status on telephone" is set to on. (→P.349)
2	Select to reply the message. $(\rightarrow P.344)$
3	Select to display the previous or next message.
4	Select to have messages read out. To cancel this function, select "Stop" . When "Automatic message readout" is set to on, messages will be automatically read out. (\rightarrow P.349)
5	Select to make a call to the sender.

- Depending on the type of Bluetooth[®] phone being connected, it may be necessary to perform additional steps on the telephone.
- Messages are displayed in the appropriate connected Bluetooth[®] phone's registered mail address folder. Select the tab of the desired folder to be displayed.
- Only received messages on the connected Bluetooth[®] phone can be displayed.
- Turn the Power/Volume knob, or use the volume control switch on the steering wheel to adjust the message read out volume.

REPLYING TO A MESSAGE (QUICK REPLY)

15 messages have already been stored.

- 1 Display the "Messages" screen. (→P.341)
- 2 Select the desired message from the list.
- 3 Select "Quick message".



4 Select the desired message.



5 Select "Send".



- While the message is being sent, a sending message screen is displayed.
- To cancel sending the message, select "Cancel".
- 6 Check that a confirmation screen is displayed when the operation is complete.
- If an error message is displayed, follow the guidance on the screen to try again.

■ EDITING QUICK REPLY MESSAGES

1 Select "Quick message".



2 Select corresponding to the desired message to edit.



3 Select "OK" when editing is completed.

(INFORMATION)

- To reset the edited quick reply messages, select "Defaults".
- "Quick message 1" ("I am driving and will arrive in approximately [ETA] minutes.")*:

This message cannot be edited and will automatically fill in [ETA] with the navigation calculated estimated time of arrival on the confirm message screen. If there are waypoints set, [ETA] to the next waypoint will be shown.

If there is no route currently set in the navigation system, "Quick message 1" cannot be selected.

*: With navigation function

CALLING THE MESSAGE SENDER

Calls can be made to an e-mail/SMS/MMS message sender's telephone number.

- CALLING FROM E-MAIL/SMS/ MMS MESSAGE DISPLAY
- 1 Display the "Messages" screen. (→P.341)
- **2** Select the desired message.
- 3 Select .



- If there are 2 or more telephone numbers, select the desired number.
- 4 Check that the "Call" screen is displayed.

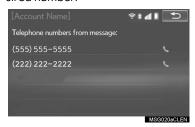
■ CALLING FROM A NUMBER WITHIN A MESSAGE

Calls can be made to a number identified in a message's text area.

- 1 Display the "Messages" screen. (→P.341)
- 2 Select the desired message.
- 3 Select the text area.



4 Select corresponding to the desired number.



 Identified telephone numbers contained in the message are displayed. **5** Check that the "Call" screen is displayed.

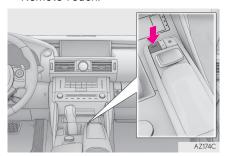
(INFORMATION)

- A series of numbers may be recognized as a telephone number. Additionally, some telephone numbers may not be recognized, such as those for other countries.
- CALLING FROM THE INCOMING MESSAGE SCREEN

→P.342

1. TELEPHONE SETTINGS

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Telephone".



4 Select the item to be set.



TELEPHONE SETTINGS SCREEN



No.	Information	Page
1	Sound settings	348
2	Contact settings	353
3	Messaging settings	349
4	Telephone display settings	350
5	Lexus Euro assistance 24 settings	351

"Sound settings" SCREEN

The call and ringtone volume can be adjusted. A ringtone can be selected.

- 1 Display the "Telephone settings" screen. (→P.347)
- 2 Select "Sound settings".
- 3 Select the desired item to be set.





No.	Function
1	Select to set the desired ringtone.
2	Select "-" or "+" to adjust the ringtone volume.
3	Select "-" or "+" to adjust the message readout volume.
4	Select to set the desired incoming SMS/MMS tone.
5	Select "-" or "+" to adjust the incoming SMS/MMS tone volume.
6	Select to set the desired incoming email tone.
7	Select "-" or "+" to adjust the incoming e-mail tone volume.
8	Select "-" or "+" to adjust the default volume of the other party's voice.
9	Select to reset all setup items.

(INFORMATION)

 Depending on the type of telephone, certain functions may not be available.

"Messaging settings" SCREEN

- 1 Display the "Telephone settings" screen. (→P.347)
- 2 Select "Messaging settings".
- 3 Select the desired item to be set.





No.	Function
1	Select to set automatic message transfer on/off.
2	Select to set automatic message readout on/off.
3	Select to set the SMS/MMS notification popup on/off.
4	Select to set the e-mail notification popup on/off.
5	Select to set adding the vehicle signature to outgoing messages on/off.
6	Select to set updating message read status on telephone on/off.

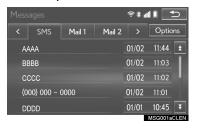
No.	Function
7	Select to change the incoming SMS/MMS display. "Full screen": When an SMS/MMS message is received, the incoming SMS/MMS display screen is displayed and can be operated on the screen. "Drop down": When an SMS/MMS message is received, a message is displayed on the upper side of the screen.
8	Select to change the incoming e-mail display. "Full screen": When an e-mail is received, the incoming e-mail display screen is the displayed and can be operated on the screen. "Drop down": When an e-mail is received, a message is displayed on the upper side of the screen.
9	Select to set display of messaging account names on the inbox tab on/off. When set to on, messaging account names used on the cellular phone will be displayed.
10	Select to reset all setup items.

(INFORMATION)

 Depending on the telephone, these functions may not be available.

■ DISPLAYING THE "Messaging settings" SCREEN IN A DIFFERENT WAY

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Messages".
- 3 Select "Options".



"Telephone display settings" SCREEN

- 1 Display the "Telephone settings" screen. (→P.347)
- 2 Select "Telephone display settings".
- 3 Select the desired item to be set.



No.	Function
1	Select to change the incoming call display. "Full screen": When a call is received, the hands-free screen is displayed and can be operated on the screen. "Drop down": A message is displayed on the upper side of the screen and can only be operated via the steering wheel switches.
2	Select to set display of the contact/ history transfer completion message on/off.
3	For PBAP compatible Bluetooth® phones, select to set automatic contact/history transfer on/off. When set to on, the telephone's contact data and history are automatically transferred.
4	Select to sort contacts by the first name or last name field.
5	Select to set the transferred contact image display on/off.
6	Select to reset all setup items.

(INFORMATION)

 Depending on the telephone, these functions may not be available.

"Lexus Euro assistance 24 settings" SCREEN

REGISTERING A COUNTRY

- 1 Display the "Telephone settings" screen. (→P.347)
- 2 Select "Lexus Euro assistance 24 settings".
- **3** Select the country.



- 4 Check that a confirmation screen is displayed when the operation is complete.
- DISPLAYING THE "Lexus Euro assistance 24 settings" SCREEN IN A DIFFERENT WAY
- 1 Display the telephone top screen. (→P.329)
- 2 Select "Favourites".
- 3 Select "Options".
- 4 Select "Lexus Euro assistance 24 setting".

REGISTERING A COUNTRY IN A DIFFERENT WAY

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Favourites".
- 3 Select "Lexus Euro assistance 24".
- ► If a country has not been registered
- 4 Select a country.



5 Select "Yes" when the confirmation screen appears.

- ► If a country has already been registered
- 4 Select the registered country's screen button.



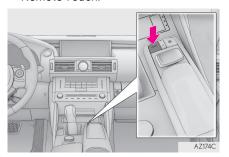
5 Select another country to replace the existing country.



6 Select "Yes" when the confirmation screen appears.

2. CONTACT SETTINGS

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Telephone".



4 Select "Contacts".



5 Select the desired item to be set.



No.	Function	Page
1	Select to transfer contacts from the connected telephone to the system and to add/edit/delete contacts.	354
2	Select to add or delete contacts to the favourites list.	359
3	Select to clear contacts from the call history.	363

- Depending on the type of telephone, certain functions may not be available.
- Contact data is managed independently for every registered telephone. When one telephone is connected, another telephone's registered data cannot be read.

"Contacts" SCREEN

- 1 Display the "Contacts" screen. (→P.353)
- 2 Select "Manage contacts".
- 3 Select the desired item to be set.



No.	Function	Page
1	Select to transfer contacts from the connected telephone.	354
2*	Select to add new contacts to the contact list.	356
3*	Select to edit contacts in the contact list.	357
4*	Select to delete contacts from the contact list.	358

*: For PBAP compatible Bluetooth® phones, this function is available when "Automatic contact/history transfer" is set to off. (→P.350)

■ DISPLAYING THE "Contacts" SCREEN IN A DIFFERENT WAY

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts".
- 3 Select "Options".
- 4 Select "Manage contacts".

TRANSFER CONTACTS FROM TELEPHONE

Operation methods differ between PBAP compatible and PBAP incompatible but OPP compatible Bluetooth[®] phones.

If your cellular phone is neither PBAP nor OPP compatible, the contacts cannot be transferred.

■ FOR PBAP COMPATIBLE Bluetooth® PHONES

- ► When "Automatic contact/history transfer" is set to on (\rightarrow P.350)
- Select "Transfer contacts".
- Contacts are transferred automatically.
- 2 Check that a confirmation screen is displayed when the operation is complete.
- This operation may be unnecessary depending on the type of cellular phone.
- Depending on the type of cellular phone, OBEX authentication may be required when transferring contact data. Enter "1234" into the Bluetooth[®] phone.
- If another Bluetooth[®] device is connected when transferring contact data, depending on the telephone, the connected Bluetooth[®] device may need to be disconnected.
- Depending on the type of Bluetooth[®] phone being connected, it may be necessary to perform additional steps on the telephone.
- ► When "Automatic contact/history transfer" is set to off (\rightarrow P.350)
- 1 Follow the steps in "FOR PBAP IN-COMPATIBLE BUT OPP COMPATI-BLE Bluetooth® PHONES" from "STEP 1". (→P.355)

■ FOR PBAP INCOMPATIBLE BUT OPP COMPATIBLE Bluetooth® PHONES

This operation cannot be performed while driving.

- 1 Select "Transfer contacts".
- 2 Select "Replace contacts" or "Add contact".



"Replace contacts": Select to transfer the contact from the connected cellular phone and replace the current one.

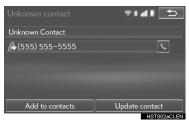
"Add contact": Select to transfer the desired contact data from the connected cellular phone to add to the current one.

- 3 Transfer the contact data to the system using a Bluetooth[®] phone.
- This operation may be unnecessary depending on the type of cellular phone.
- Depending on the type of cellular phone, OBEX authentication may be required when transferring contact data. Enter "1234" into the Bluetooth[®] phone.
- To cancel this function, select "Cancel".
- 4 Select "Done" when it appears on the screen.
- 5 Check that a confirmation screen is displayed when the operation is complete.

■ UPDATING THE CONTACTS IN A DIFFERENT WAY (FROM THE "Call history" SCREEN)

For PBAP compatible Bluetooth[®] phones, this function is available when "Automatic contact/history transfer" is set to off. (→P.350)

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Call history" and select a contact not yet registered in the contact list.
- 3 Select "Update contact".



4 Select the desired contact.



5 Select a telephone type for the telephone number.



REGISTERING A NEW CONTACT TO THE CONTACT LIST

New contact data can be registered. Up to 4 numbers per person can be registered. For PBAP compatible Bluetooth[®] phones, this function is available when "Automatic contact/history transfer" is set to off. $(\rightarrow P.350)$

- 1 Select "New contact".
- 2 Enter the name and select "OK".
- 3 Enter the telephone number and select "OK".
- 4 Select the telephone type for the telephone number.



5 To add another number to this contact, select "Yes".

■ REGISTERING A NEW CONTACT IN A DIFFERENT WAY (FROM THE "Call history" SCREEN)

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Call history" and select a contact not yet registered in the contact list.
- 3 Select "Add to contacts".



4 Follow the steps in "REGISTERING A NEW CONTACT TO THE CONTACTS LIST" from "STEP 2". (→P.356)

EDITING THE CONTACT DATA

For PBAP compatible Bluetooth[®] phones, this function is available when "Automatic contact/history transfer" is set to off. $(\rightarrow P.350)$

- 1 Select "Edit contact".
- 2 Select the desired contact.



3 Select corresponding to the desired name or number.



- ► For editing the name
- **4** Follow the steps in "REGISTERING A NEW CONTACT TO THE CONTACTS LIST" from "STEP 2". (→P.356)
- For editing the number
- **4** Follow the steps in "REGISTERING A NEW CONTACT TO THE CONTACTS LIST" from "STEP 3". (→P.356)

■ EDITING THE CONTACT IN A DIF-FERENT WAY (FROM THE "Contact details" SCREEN)

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts", "Call history" or "Favourites" and select the desired contact.
- 3 Select "Edit contact".



"E-mail addresses": Select to display all registered e-mail addresses for the contact.

4 Follow the steps in "EDITING THE CONTACT DATA" from "STEP 3". (→P.357)

DELETING THE CONTACT DATA

For PBAP compatible Bluetooth[®] phones, this function is available when "Automatic contact/history transfer" is set to off. $(\rightarrow P.350)$

- Select "Delete contacts".
- 2 Select the desired contact and select "Delete".



3 Select "Yes" when the confirmation screen appears.

(INFORMATION)

• Multiple data can be selected and deleted at the same time.

■ DELETING THE CONTACT IN A DIFFERENT WAY (FROM THE "Contact details" SCREEN)

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts", "Call history" or "Favourites" and select the desired contact.
- 3 Select "Delete contact".



4 Select "Yes" when the confirmation screen appears.

(INFORMATION)

 When a Bluetooth[®] phone is deleted, the contact data will be deleted at the same time.

"Favourites" SCREEN

Up to 14 contacts (maximum of 4 numbers per contact) can be registered in the favourites list.

- 1 Display the "Contacts" screen. (→P.353)
- 2 Select "Manage favourites".
- 3 Select the desired item to be set.



No.	Function	Page
1	Select to add contacts to the favourites list.	360
2	Select to delete contacts from the favourites list.	362

■ DISPLAYING THE "Favourites" SCREEN IN A DIFFERENT WAY

- ► From the "Contacts" screen
- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts".
- 3 Select "Options".
- 4 Select "Manage favourite".
- ► From the "Favourites" screen
- 1 Display the telephone top screen. (→P.329)
- 2 Select "Favourites".
- 3 Select "Options".
- 4 Select "Manage favourites".

REGISTERING THE CONTACTS IN THE FAVOURITES LIST

- 1 Select "Add".
- 2 Select the desired contact to add to the favourites list.



- Dimmed contacts are already stored as a favourite.
- 3 Check that a confirmation screen is displayed when the operation is complete.

- ► When 14 contacts have already been registered to the favourites list
- 1 When 14 contacts have already been registered to the favourites list, a registered contact needs to be replaced.

 Select "Yes" when the confirmation screen appears to replace a contact.
- 2 Select the contact to be replaced.



3 Check that a confirmation screen is displayed when the operation is complete.

- REGISTERING CONTACTS IN THE FAVOURITES LIST IN A DIF-FERENT WAY
- ▶ From the "Contacts" screen
- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts".
- 3 Select ☆ (grey) at the beginning of the desired contact list name to be registered in the favourites list.



- When selected, ☆ (grey) is changed to ★ (yellow), and the contact is registered in the favourites list.
- From the "Contact details" screen
- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts" or "Call history" and select the desired contact.
- 3 Select "Add favourite".



4 Check that a confirmation screen is displayed when the operation is complete.

DELETING THE CONTACTS IN THE FAVOURITES LIST

- 1 Select "Remove".
- 2 Select the desired contact and select "Remove".



- 3 Select "Yes" when the confirmation screen appears.
- 4 Check that a confirmation screen is displayed when the operation is complete.
- DELETING CONTACTS IN THE FAVOURITES LIST IN A DIFFERENT WAY
- ► From the "Contacts" screen
- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts".
- 3 Select ★ (yellow) at the beginning of the contact list name to be deleted from the favourites list.



 When selected, ★ (yellow) is changed to ☆ (grey), and the data is deleted from the list.

- From the "Contact details" screen
- 1 Display the telephone top screen. (→P.329)
- 2 Select "Contacts", "Call history" or "Favourites" and select the desired contact to delete.
- 3 Select "Remove favourite".



- 4 Select "Yes" when the confirmation screen appears.
- 5 Check that a confirmation screen is displayed when the operation is complete.

"Delete call history" SCREEN

For PBAP compatible Bluetooth $^{\textcircled{R}}$ phones, this function is available when "Automatic contact/history transfer" is set to off. $(\rightarrow P.350)$

- 1 Display the "Contacts" screen. (→P.353)
- 2 Select "Delete call history".
- **3** Select the desired history.



4 Select the desired contact and select "Delete".



- 5 Select "Yes" when the confirmation screen appears.
- 6 Check that a confirmation screen is displayed when the operation is complete.

(INFORMATION)

 Multiple data can be selected and deleted at the same time.

■ DELETING CALL HISTORY IN A DIFFERENT WAY

- 1 Display the telephone top screen. (→P.329)
- 2 Select "Call history" and select the desired tab.
- 3 Select "Delete".
- 4 Follow the steps in ""Delete call history" SCREEN" from "STEP 4". (→P.363)

1. TROUBLESHOOTING

If there is a problem with the hands-free system or a Bluetooth $^{\circledR}$ device, first check the table below.

 \blacktriangleright When using the hands-free system with a Bluetooth $^{\circledR}$ device

			Page	
Symptom	Likely cause	Solution	Cellular phone	This system
The hands-free system or Bluetooth® device does not work.	The connected device may not be a compatible Bluetooth® cellular phone.	For a list of specific devices which operation has been confirmed on this system, check with your Lexus dealer.	*	_
	The Bluetooth [®] version of the connected cellular phone may be older than the specified version.	Use a cellular phone with Bluetooth [®] version 2.0 or higher (recommended: Ver. 3.0 +EDR or higher).	*	54

► When registering/connecting a cellular phone

			Pa	ge
Symptom	Likely cause	Solution	Cellular phone	This system
	An incorrect pass- code was entered on the cellular phone.	Enter the correct passcode on the cellular phone.	*	_
A cellular phone can-	The registration op- eration has not been completed on the cellular phone side.	Complete the registration operation on the cellular phone (approve registration on the telephone).	*	_
not be registered.	Old registration information remains on either this system or the cellular phone.	Delete the existing registration information from both this system and the cellular phone, then register the cellular phone you wish to connect to this system.	*	59
	Another Bluetooth [®] device is already connected.	Manually connect the cellular phone you wish to use to this system.	_	60
A Bluetooth [®] con-	Bluetooth [®] function is not enabled on the cellular phone.	$\begin{array}{cc} \text{Enable} & \text{the} \\ \text{Bluetooth}^{\circledR} & \text{function} \\ \text{on the cellular phone.} \end{array}$	*	_
nection cannot be made.	Automatic Bluetooth® connection on this system is set to off.	Set automatic Bluetooth® connection on this system to on when the engine <power> switch is in ACCESSORY or IGNITION ON <on> mode.</on></power>	_	65

			Pa	ge
Symptom	Likely cause	Solution Cellula phone		This system
	Bluetooth [®] function is not enabled on the cellular phone.	Enable the Bluetooth® function on the cellular phone.	*	_
"Check your tele- phone." message is displayed.	Old registration information remains on either this system or the cellular phone.	Delete the existing registration information from both this system and the cellular phone, then register the cellular phone you wish to connect to this system.	*	59

► When making/receiving a call

			ge	
Symptom	Likely cause	Solution	Cellular phone	This system
A call cannot be made/received.	Your vehicle is in a "No Service" area.	Move to where "No Service" no longer appears on the dis- play.	_	_

► When using the phonebook

			Page	
Symptom	Likely cause	Solution	Cellular phone	This system
Phonebook data cannot be transferred manually/automatically.	The profile version of the connected cellu- lar phone may not be compatible with transferring phone- book data.	For a list of specific devices which operation has been confirmed on this system, check with your Lexus dealer.	*	_
	Automatic contact transfer function on this system is set to off.	Set automatic contact transfer function on this system to on.	_	350
	Passcode has not been entered on the cellular phone.	Enter the passcode on the cellular phone if requested (default passcode: 1234).	*	_
	Transfer operation on the cellular phone has not completed.	Complete transfer operation on the cellular phone (approve transfer operation on the telephone).	*	_
Phonebook data cannot be edited.	Automatic contact transfer function on this system is set to on.	Set automatic contact transfer function on this system to off.	_	350

\blacktriangleright When using the Bluetooth $^{\circledR}$ message function

	Page		ge	
Symptom	Likely cause	Solution	Cellular phone	This system
Messages cannot be viewed.	Message transfer is not enabled on the cellular phone.	Enable message transfer on the cellu- lar phone (approve message transfer on the telephone).	*	_
	Automatic transfer function on this system is set to off.	Set automatic transfer function on this system to on.	_	349
New message notifications are not displayed.	Notification of SMS/ MMS/E-mail recep- tion on this system is set to off.	Set notification of SMS/MMS/E-mail reception on this system to on.	*	349
	Automatic message transfer function is not enabled on the cellular phone.	Enable automatic transfer function on the cellular phone.	*	_

► In other situations

		Page		
Symptom	Likely cause	Solution	Cellular Thi phone syste	This system
The Bluetooth® connection status is displayed at the top of the screen each time the engine <pre>power> switch is in ACCES- SORY or IGNI- TION ON <on> mode.</on></pre>	Connection confirmation display on this system is set to on.	To turn off the display, set connection confirmation display on this system to off.	_	64

		Page		
Symptom	Likely cause	Solution	Cellular phone	This system
	The cellular phone is not close enough to this system.	Bring the cellular phone closer to this system.	_	_
	Radio interference has occurred.	Turn off Wi-Fi [®] devices or other devices that may emit radio waves.	_	_
		Turn the cellular phone off, remove and reinstall the bat- tery pack, and then restart the cellular phone.	*	_
Even though all con- ceivable measures have been taken, the symptom status does		Enable the cellular phone's Bluetooth® connection.	*	_
not change.	The cellular phone is the most likely cause	Disable the Wi-Fi [®] connection of the cellular phone.	*	_
	of the symptom.	Stop the cellular phone's security soft- ware and close all ap- plications.	*	_
		Before using an application installed on the cellular phone, carefully check its source and how its operation might affect this system.	*	_

^{*:} For details, refer to the owner's manual that came with the cellular phone.

CONNECTED SERVICES*1

1	CONNECTED SERVICES		2 SETUP	
1.	CONNECTED SERVICES OVERVIEW BEFORE USING CONNECTED SERVICES		CONNECTED SERVICE SETTINGS CONNECTED SERVICE SETTINGS SCREEN	
2.	SETTINGS REQUIRED FOR USING THE SERVICE OBTAINING LEXUS PORTAL SITE ACCOUNT CONNECTING TO INTERNET	375		
3.	ONLINE SEARCHVIEWING POI*2 DETAILS	377		
4.	IMPORTING MEMORY POINTS AND STORED ROUTES	. 382		
5.	Street View	385		
6.	Panoramio	387		

Not all connected services may be available in all countries.

8

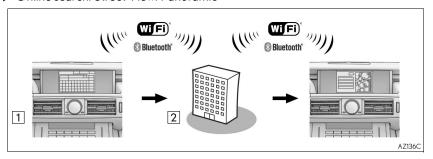
^{*1:} With navigation function

^{*2:} Point of Interest

1. CONNECTED SERVICES OVERVIEW

The following services are available by connecting the system to Lexus portal site via the internet using a cellular phone or $Wi-Fi^{\circledR}$ network.

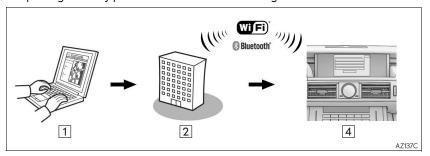
- Online search: New establishments, such as restaurants, bars etc., that are not registered in the system, can be set as a destination.
- Importing memory points and routes: Establishments that were searched using a personal computer can be set as a destination and can be registered as memory points.
- Street View: The Street View of the desired location can be viewed.
- Panoramio: User's pictures, comments and other information can be viewed on a map.
- Online search/Street View/Panoramio



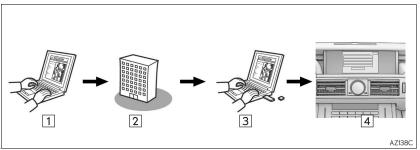
No.	Name	Operation
1	System	Enter a keyword.
2	Lexus portal site*/ Contents provider	The keyword is sent to the search engine, the results are received, and sent to the system.

^{*:} For details about Lexus portal site, refer to www.my.lexus.eu.

▶ Importing memory points and routes: Downloading via the internet



▶ Importing memory points and routes: Downloading from a USB memory



No.	Name	Operation
1	Your personal computer and Lexus portal site*	Access Lexus portal site and search POIs and routes.
2	Lexus portal site*	The POIs and routes are saved at Lexus portal site.
3	USB memory	The POIs and routes are saved to the USB memory.
4	System	Via the internet, the POIs are downloaded to the system. Via the USB memory, the POIs and routes are downloaded to the system.

^{*:} For details about Lexus portal site, refer to www.my.lexus.eu.

BEFORE USING CONNECTED SERVICES

Observe the following precaution:

Before using this service, it is necessary to access Lexus portal site via a personal computer and create an account. When creating an account, "Navigation identification" will be required. Navigation identification:
 →P.375

When using a cellular phone to connect to the internet, observe the following precautions:

- In order to use this service, a Bluetooth[®] DUN/PAN compatible cellular phone with sufficient network coverage and a SIM card with a contract that allows access to the internet are required.
- When using the connected services, depending on your telephone subscription, some related fees might apply.
- When a cellular phone is used in a roaming situation (when outside the geographical coverage area of mobile network provider) connection fees may apply.

2. SETTINGS REQUIRED FOR USING THE SERVICE

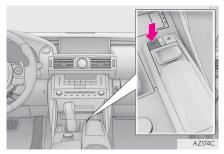
OBTAINING LEXUS PORTAL SITE ACCOUNT

Before using connected services, it is necessary to first access Lexus portal site (www.my.lexus.eu) via a personal computer etc. and create an account.



CHECKING NAVIGATION IDENTIFICATION

1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Navigation".



4 Select "Connected service".



5 Check that navigation identification is displayed.



CONNECTING TO INTERNET

The system must be connected to the internet to use this service.

- Via a Bluetooth® device
- →P.50
- ●Via Wi-Fi[®]
- →P.69

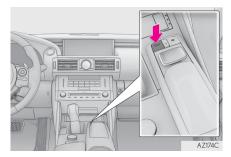
3. ONLINE SEARCH

ONLINE SEARCH

New establishments or establishments that are not registered in the system can be set as a destination.

In order to perform an online search, the system must already be connected to the internet. $(\rightarrow P.376)$

1 Press the "MENU" button on the Remote Touch.



2 Select "Nav".



3 Select "Menu".



4 Select "Destination".



5 Select "Online search".



6 Enter a search item and select "Search".



No.	Function	Page
1	Select to set a provider.	379
2	Select to set a destination or enter a keyword such as the establishment or shop name.	379
3	Select to narrow down the search area. The search area can be narrowed down by entering an address, selecting a previously searched destination, the last displayed map or one of the current destinations.	380

7 Select the desired point from the displayed list.



No.	Function
1	Displays search results Up to 20 search results are downloaded at a time. Unsupported characters will not be displayed on the list. Highlighted advertisements may be displayed at the top of the search result list.
2	Select to display the previous or next screen. • If there are no more results in the current list, a confirmation screen will be displayed. "Download more": Select to download the next 20 search results. "New search": Select to perform a new search.
3	Select to display a full screen map.

8 Check that POI information is displayed and select "Enter".



• The route will be calculated.

No.	Function	Page
1	Select to call the registered telephone number.	_
2	Select to display detailed information.	381
3	Select to set as a destination. If a destination has already been set, "Add to o" and "Replace o" will be displayed. "Add to o": Select to add a destination. "Replace o": Select to delete the existing destination(s) and set a new one.	131
4	Select to display the Street View.	385

(INFORMATION)

 After establishments acquired using "Online search" have been set as a destination once, they can be saved as a memory point. (→P.156)

SELECTING A SEARCH ENGINE

The desired search engine can be set. Before using a new search engine, the terms of use must be read and agreed to on Lexus portal site. Depending on the conditions, certain search engines cannot be selected.

- 1 Select "Provider".
- 2 Select the desired search engine.
- The selected search engine indicator will illuminate.

ENTERING A SEARCH WORD

- 1 Select "What".
- 2 Enter the word and select "OK".



"History": Select to set a previously searched word. $(\rightarrow P.380)$

■ SELECTING A PREVIOUS WORD TO SEARCH

- 1 Select "History".
- 2 Select the desired word.



"Delete": Select to delete previous search words.

SELECTING A SEARCH AREA

1 Select "Where".



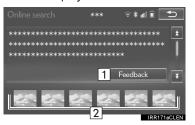
2 Select the desired item to search for a point.



No.	Function
1	Select to set a location by address or location.
2	Select to set a location by a previously selected destination. $(\rightarrow P.125)$
3	Select to set a location by using the current position.
4	Select to set a location by using the last displayed map.
5	Select to set a location by using a current destination.
6	Select to change pages.

VIEWING POI DETAILS

- 1 Select "Detail" on the POI information screen. (→P.379)
- 2 Check that the details of the selected POI are displayed.



No.	Function	Page
1	Select to view the POI's details. If supported by your search provider, the feedback function will be displayed.	381
2	Select a desired picture to display it in full screen, if pictures are available.	_

EVALUATING THE INFORMATION

Your rating of the selected POI can be submitted. If the information is incorrect, you can notify the search provider by selecting the appropriate button.

- 1 Select "Feedback".
- 2 Check that the following screen is displayed.



No.	Function
1	Select to enter your rating.
2	Select to notify the search provider of incorrect information.

3 Select "Submit".

4. IMPORTING MEMORY POINTS AND STORED ROUTES

POIs and routes searched on Lexus portal site can be downloaded to the system and set as a destination or saved as memory points.

There are 2 methods to download POIs and routes to the system:

- (a) After saving the POIs and routes at Lexus portal site, they can be downloaded via the internet.
- (b) After saving the POIs and routes at Lexus portal site, download them to a USB memory.

The POIs and routes can then be downloaded via the USB memory.

When downloading POIs and routes to the system, both procedures are performed in the vehicle.

For details about POI and route searches on Lexus portal site and downloading POIs and routes to a USB memory, refer to www.my.lexus.eu.

REGISTERING AN EXTERNAL POINT AS A MEMORY POINT AND ROUTES FROM THE INTERNET

To access Lexus portal site via the internet, the cellular phone or Wi-Fi[®] must already be registered with the system. $(\rightarrow P.376)$

1 Select "My memory".



2 Select "Memory points".



3 Select "External points".



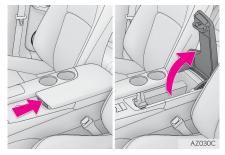
- 4 Check that a confirmation screen is displayed when the operation is complete.
 - To edit memory points and routes: →P.156, 160

(INFORMATION)

- Setting "Automatic memory point download" to "Yes" will automatically download external points. (→P.389)
 - If a screen related to a memory point is changed to before automatic memory point download begins, automatic memory point download will be cancelled.
- If memory points which have the same name are already stored in the system, the system may not update those memory points.

PROCEDURE FOR DOWNLOADING MEMORY POINTS AND ROUTES FROM A USB MEMORY

Press the button to release the lock and lift the armrest.



2 Open the cover and connect a USB memory.



• Turn on the power of the USB memory if it is not turned on.

- 3 Close the console box.
- **4** Display the "My memory" screen. (→P.382)
- 5 Select "Copy from USB".



- If a password has already been set, enter the password. For instructions on setting a password: →P.168
- If there are multiple memory points stored on the USB memory, select the memory points and routes to be copied and select "Start".



- 6 Check that a progress bar is being displayed while the data copy is in progress.
- To cancel this function, select "Cancel".
- 7 Check that a confirmation screen is displayed when the operation is complete.

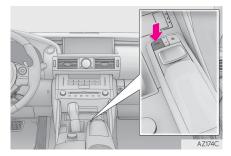
(INFORMATION)

- Memory points that are located outside of the map's data range cannot be registered.
- A maximum of 500 memory points can be registered.
- When there are 21 or more memory points and routes stored on a USB memory, only 20 memory points and routes will be displayed at a time.
- Memory points acquired from Lexus portal site can only be registered with the registered system at the time of acquirement.
- In some cases, memory points and routes may not be able to be imported. If this occurs, "Unable to read memory point data. (Device ID error)" will be displayed.
- If memory points and routes which have the same name are already stored in the system, the system may not update those memory points and routes.

5. Street View

The Street View of the desired location can be viewed. In order to perform Street View, the system must already be connected to the internet. $(\rightarrow P.376)$

1 Press the "MENU" button on the Remote Touch.



2 Select "Info".



3 Select "Street View".



4 Select the desired item to search for a point.



No.	Function
1	Select to set a Street View location by address or location.
2	Select to set a Street View location by a previously selected destination. (→P.125)
3	Select to set a Street View location by using the current position.
4	Select to set a Street View location by using the last displayed map.
5	Select to set a Street View location by using a current destination.
6	Select to change pages.

5 Check that the picture is displayed.



"<", ">": Select to change pictures. Up to 6 pictures per location can be displayed.

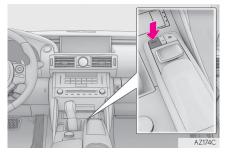
(INFORMATION)

- The Street View function can also be selected from the following screens:
 - Starting route guidance screen $(\rightarrow P.133)$
 - Online search result screen (\rightarrow P.379)
- This function is not available while driving.

6. Panoramio

Users' pictures on a map, comments and other information can be viewed. In order to perform Panoramio, the system must already be connected to the internet. $(\rightarrow P.376)$

1 Press the "MENU" button on the Remote Touch.



2 Select "Info".



3 Select "Panoramio".



4 Select the desired item to search for a point.



No.	Function
1	Select to set a location by address. $(\rightarrow P.120)$
2	Select to set a location by using the current position.
3	Select to set a location by using the last displayed map.
4	Select to set a location by using a current destination.
5	Select to change pages.

5 Scroll the map to the desired point (→P.103) and select .



6 Check that the thumbnails screen is displayed.



No.	Function
1	Select to display the selected picture's title bar.
2	Select to display the selected picture in full screen.
3	Select to magnify or reduce the map scale.
4	Select to display the previous 6 pictures.
5	Select to update the thumbnails screen. Up to 6 pictures are displayed.
6	Select to download up to another 6 pictures when there are more than 6 pictures available.

■ VIEWING A FULL SCREEN PICTURE

- 1 Select "Info" on the title bar.
- 2 Check that a full screen view of the picture is displayed.



No.	Function
1	Select to view user comments.
2	Select to set as a destination. (→P.131) If a destination has already been set, "Add to ③" and "Replace ③" will be displayed. "Add to ③": Select to add a destination. "Replace ③": Select to delete the existing destination(s) and set a new one.

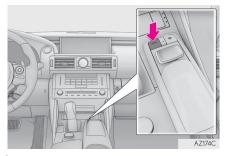
(INFORMATION)

• This function is not available while driving.

1. CONNECTED SERVICE SETTINGS

The following detailed connected service settings can be set.

Press the "MENU" button on the Remote Touch.



2 Select "Setup".



3 Select "Navigation".



4 Select "Connected service".



5 Select the items to be set.



6 Select "Save".

CONNECTED SERVICE SETTINGS SCREEN





No.	Function
1	When connecting, the cost warning display can be set on or off by selecting "Yes" or "No".
2	When the system is started up, the automatic downloading of memory points and routes can be set on or off by selecting "Yes" or "No". For memory points and routes to be automatically downloaded, auto connection needs to be set to "Yes".
3	When connecting in a roaming area, the display of the roaming warning can be set on or off by selecting "Yes" or "No".
4	When connecting to Lexus portal site, the required portal user name and password can be remembered by selecting "Yes" or "No". When "Yes" is selected, the user name and password does not need to be entered when accessing Lexus portal site.
5	The desired search engine can be selected. (→P.391)
6	Online search history can be deleted. $(\rightarrow P.391)$
7	When a different user uses the system, the user name and password can be changed. (→P.391)
8	Your Lexus portal site user name and password can be deleted from the system. (→P.391)
9	Select to reset all setup items.

SELECTING A SEARCH ENGINE

The desired search engine can be set. Before using a new search engine, the terms of use must be read and agreed to on Lexus portal site. Depending on the conditions, certain search engines cannot be selected.

- 1 Display the "Connected service settings" screen. (→P.389)
- 2 Select "Select search engine".
- **3** Select the desired search engine.
- The selected search engine indicator will illuminate.

DELETING SEARCH HISTORY

- 1 Display the "Connected service settings" screen. (→P.389)
- 2 Select "Delete search history".
- **3** Select "Yes" when the confirmation screen appears.

CHANGING USER NAME AND PASSWORD

- 1 Display the "Connected service settings" screen. (→P.389)
- 2 Select "Change username and password".
- 3 Enter the desired user name and select "OK".
- 4 Enter the desired password and select "OK".
- In order for the new user name and password to be applied to the system, the system needs to connect to Lexus portal site.

DELETING USER NAME AND PASSWORD

- 1 Display the "Connected service settings" screen. (→P.389)
- 2 Select "Delete username and password".
- 3 Select "Yes" when the confirmation screen appears.



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Map database information and updates

END-USER TERMS

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Certification

Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC

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български

С настоящето, PIONEER, декларира, че този NXF-9138/NXF-9338 отговаря на основните изисквания и други съответни поста новления на Директива 1999/5/EC.

Dansk

Undertegnede PIONEER erklærer herved, at følgende udstyr NXF-9138/NXF-9338 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

English

Hereby, PIONEER, declares that this NXF-9038/NXF-9138/NXF-9238/NXF-9338 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Suomi

PIONEER vakuuttaa täten että NXF-9138/NXF-9338 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtoien mukainen.

Deutsch

Hiermit erklärt PIONEER, dass sich dieses NXF-9138/NXF-9338 in Übereinstimmung mit den grundlegenden Anforderungen und den andere relevanten Vorschriften der Richtlinie 1999/5/EG befindet". (BMWi)

Magyar

Alulírott, PIONEER nyilatkozom, hogy a NXF-9138/NXF-9338 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Latviešu valoda

Ar šo PIONEER deklarē, ka NXF-9138/NXF-9338 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Malti

Hawnhekk, PIONEER, jiddikjara li dan NXF-9138/NXF-9338 jikkonforma mal-htigijiet essenzjali u ma provvedimenti ohrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Português

PIONEER declara que este NXF-9138/NXF-9338 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Slovenčina

PIONEER týmto vyhlasuje, že NXF-9138/NXF-9338 spĺňa základné pož iadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Español

Por medio de la presente PIONEER declara que el NXF-9138/NXF-9338 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Íslenska

Hér með lýsir PIONEER yfir því að NXF-9138/NXF-9338 er í samræmi vi ð grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Црногорски језик

Ovim , PIONEER, izjavljuje da ovaj NXF-9138/NXF-9338 je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.

Hrvatsk

Ovime tvrtka Pioneer izjavljuje da je NXF-9138/NXF-9338 u skladu osnovnim zahtjevima i ostalim odredbama Direktive 1999/5/EC i Pravilnika o RiTT opremi (NN 25/2012).

Čeština

PIONEER tímto prohlašuje, že tento NXF-9138/NXF-9338 je ve shodě se základními požadavky a dalšími příslušnými ustanovení mi směrnice 1999/5/ES.

Nederlands

Hierbij verklaart PIONEER dat het toestel NXF-9138/NXF-9338 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Eesti

Käesolevaga kinnitab PIONEER seadme NXF-9138/NXF-9338 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asiakohastele sätetele.

Francais

Par la présente PIONEER déclare que l'appareil NXF-9138/NXF-9338 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

ελληνικά

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ ΡΙΟΝΕΕΡ ΔΗΛΩΝΕΙ ΟΤΙ ΝΧΓ-9138/ΝΧΓ-9338 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Italiano

Con la presente PIONEER dichiara che questo NXF-9138/NXF-9338 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Lietuvių kalba

Šiuo PIONEER deklaruoja, kad šis NXF-9138/NXF-9338 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas,

Polski

Niniejszym PIONEER oświadcza, że NXF-9138/NXF-9338 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Română

Prin prezenta, PIONEER, declara ca acest NXF-9138/NXF-9338 este in conformitate cu cerintele esentiale si alte prevederi ale Directivei 1999/5/EU.

Slovenščina

PIONEER izjavlja, da je ta NXF-9138/NXF-9338 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

Svenska

Härmed intygar PIONEER att denna NXF-9138/NXF-9338 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Morak

PIONEER erklærer herved at utstyret NXF-9138/NXF-9338 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

Shaip

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