Quick guide	• Giving guidance for the route quickly	1
Basic function	• Information to be read before operation • Setting initial settings before operation • Connecting the Bluetooth® device	2
Navigation system	• Operating the map screen • Searching the map • Activating the route guidance	3
Audio/visual system	• Listening to the radio • Enjoying music and video	4
Voice command system	• Operating the voice command system	5
Information	• Operating the weather information screen	6
Peripheral monitoring system	• Checking the situation around the vehicle	7
Phone	• Operating the phone (Hands-free system for cellular phones)	8
Lexus Enform	• Operating the Lexus Enform	9
Index	• Search alphabetically	

Introduction 6
Reading this manual 8

1 Quick guide

1-1. Basic function
Display and operation switches 12
Remote Touch 14
Menu screen 16
Status icon 18
"Setup" screen 20
Information screen 21
1-2. Navigation operation
Operating the map screen 22
Guiding the route 23
Registering home 24

2 Basic function

2-1. Basic information before operation
Initial screen 26
How to use the Remote Touch 27
Operating the screen 30
Using side display 32
Entering letters and numbers/list screen operation 34
Linking multi-information display and navigation system 37
2-2. Bluetooth® settings
Registering/Connecting Bluetooth® device 38
Setting Bluetooth® details 42
2-3. Other settings
General settings 51
Voice settings 55
Vehicle settings 56

3 Navigation system

3-1. Basic operation
Map screen 60
Map screen operation 62
Map screen information 65
Traffic information 68
3-2. Destination search
Destination search operation 71
Starting route guidance 77
3-3. Route guidance
Route guidance screen 81
Typical voice guidance prompts 84
Editing route 85
3-4. Setup
Navigation settings 87
Detailed navigation settings 92
Traffic settings 95
3-5. Tips for the navigation system
GPS (Global Positioning System) 99
Map database version and covered area 101

4 Audio/visual system

4-1. Basic operation
Quick reference 104
Some basics 105
4-2. Radio operation
AM/FM/SiriusXM (SXM) radio 110
Internet radio 118
4-3. Media operation

CD 119
DVD 121
USB memory 123
iPod 126
Bluetooth® audio 128
AUX 131

4-4. Audio/visual remote controls
Steering switches 132

4-5. Setup
Audio settings 134

4-6. Tips for operating the audio/visual system
Operating information 140

5 Voice command system

5-1. Voice command system operation
Voice command system 154
Command list 156

5-2. Mobile Assistant operation
Mobile Assistant 161

6 Information

6-1. Information display
Receiving weather information 164
Data services settings 165

7 Peripheral monitoring system

7-1. Lexus parking assist monitor
Lexus parking assist monitor 168
Estimated course line display mode 170
Parking assist guide line display mode 172
Lexus parking assist monitor precautions 173
Things you should know 177

8 Phone

8-1. Phone operation (Hands-free system for cellular phones)
Quick reference 180
Some basics 181
Calling on the Bluetooth® phone 184
Receiving on the Bluetooth® phone 187
Talking on the Bluetooth® phone 188
Bluetooth® phone message function 190

8-2. Setup
Phone settings 194

8-3. What to do if...
Troubleshooting 203

9 Lexus Enform

9-1. Lexus Enform overview
Functional overview 208
Type A: Function achieved by using a cellular phone 209
Type B: Function achieved by using DCM and the navigation system 212
Type C: Function achieved by using DCM 215
Type D: Function achieved by using DCM and a cellular phone 215

9-2. Lexus Enform operation

Lexus Enform App Suite 2.0.... 217
Lexus Enform Destinations..... 220

9-3. Setup

Lexus Enform App Suite 2.0 settings..... 222

Index

Alphabetical Index 224

Introduction

Navigation 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.

In some situations when changing between screens, it may take longer than normal for the screen to change, the screen may be blank momentarily or noise may be displayed.

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

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. The system uses AISIN AW. 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 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 in 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 99.

TOYOTA MOTOR CORPORATION

10.3 inch display

Free/Open Source Software Information

This product contains Free/Open Source Software (FOSS).
The license information and/or the source code of such FOSS can be found at the following URL.

http://www.globaldenso.com/en/opensource/ivi/toyota/

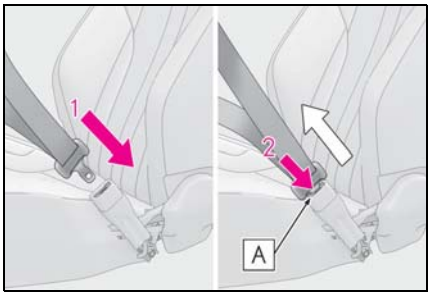
Reading this manual

Explains symbols used in this manual

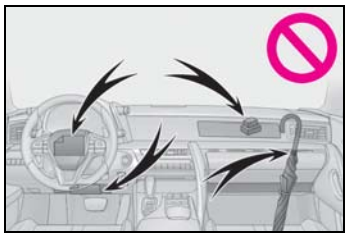
Symbols in this manual

Symbols	Meanings
	WARNING: Explains something that, if not obeyed, could cause death or serious injury to people.
	NOTICE: Explains something that, if not obeyed, could cause damage to or a malfunction in the vehicle or its equipment.
1 2 3...	Indicates operating or working procedures. Follow the steps in numerical order.

Symbols in illustrations



Symbols	Meanings
	Indicates the action (pushing, turning, etc.) used to operate switches and other devices.
	Indicates the outcome of an operation (e.g. a lid opens).



Symbols	Meanings
	Indicates the component or position being explained.
	Means **Do not**, **Do not do this**, or **Do not let this happen**.

Different writing styles for gasoline and hybrid vehicles

Information for hybrid vehicles is written in brackets next to the information for gasoline vehicles.

Example

Turn the engine switch[*1] <power switch>[*2] to IGNITION ON mode[*1] <ON mode>[*2] mode.

[*1]: LC500

[*2]: LC500h

Safety instruction

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. Only when the vehicle is not moving, can the destination and route selection be done.

WARNING

- For safety, the driver should not operate the navigation system while he/she is driving. Insufficient attention to the road and traffic 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.

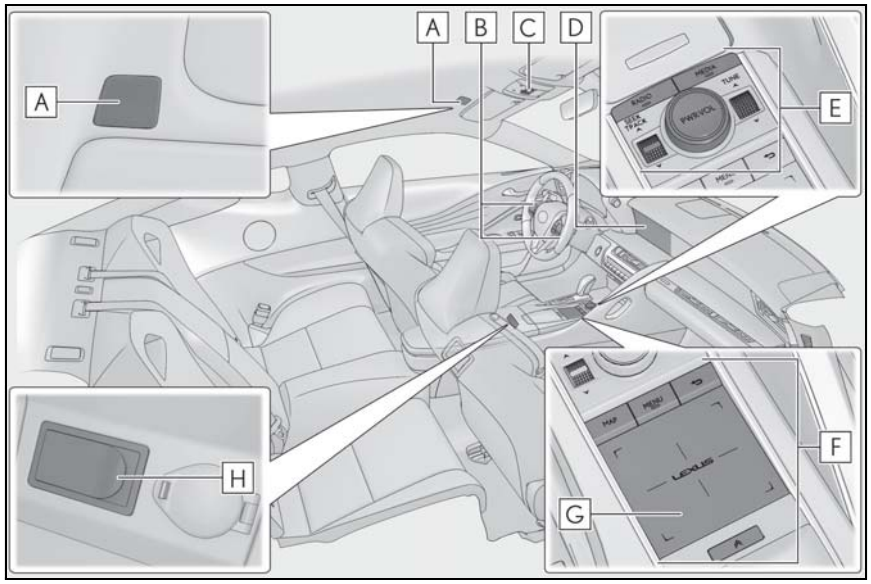
This system cannot warn about such things as the safety of an area, condition of streets, and availability of emergency services. If unsure about the safety of an area, do not drive into it. Under no circumstances is this system a substitute for the driver's personal judgement.

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

1-1. Basic function
Display and operation switches 12
Remote Touch 14
Menu screen 16
Status icon 18
"Setup" screen 20
Information screen 21
1-2. Navigation operation
Operating the map screen 22
Guiding the route 23
Registering home 24

Display and operation switches

Names of each part



A Microphone (→P.154, 182)

B Steering switches (→P.132, 154, 182)

C "SOS" button*

D Display

E Audio control switch (→P.104)

F Remote Touch (→P.14)

G Touchpad (→P.27)

H USB/AUX port (→P.106)

*: Refer to the "OWNER'S MANUAL"

- When the temperature is -4 °F (-20°C) or less, the navigation system may not operate.
- When the LCD screen is viewed at an angle, it looks lighter or darker.
- When light from the sun or another external light source strikes the screen, the screen is difficult to see.
- When wearing sunglasses with polarized lenses, the screen looks lighter or darker.

WARNING

- For safety reasons, drivers should avoid performing operations as much as possible while driving. Performing operations while driving may cause the driver to mistakenly operate the steering wheel, which may lead to an accident. Stop the vehicle before using. Furthermore, avoid looking at the screen as much as possible while driving.
- Always follow the actual traffic regulations and drive according to the road conditions. Routes displayed by the destination guidance may include routes where the vehicle is prohibited from entering due to changes to speed limit signs and routes where the road is too narrow to pass through.

NOTICE

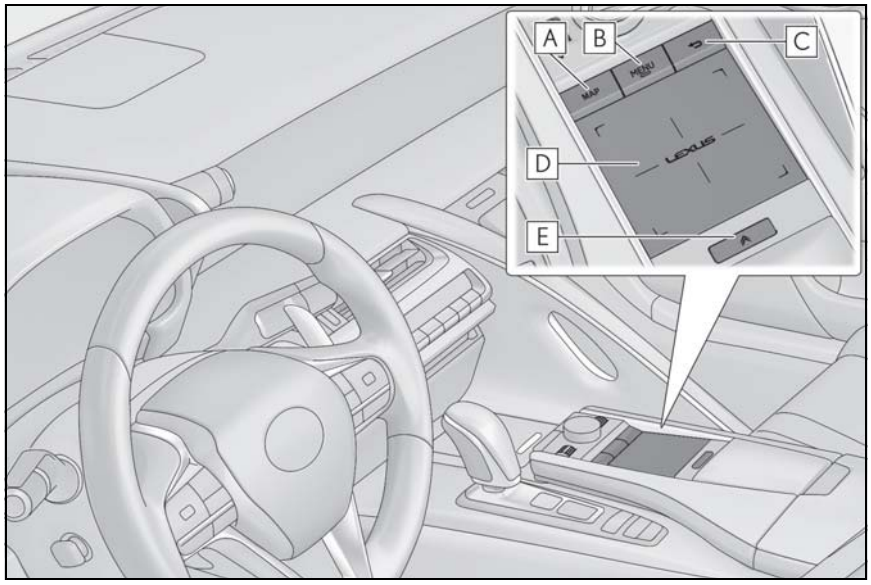
- To prevent the 12-volt battery from becoming fully depleted, do not use the remote touch for long periods of time while the engine/hybrid system is turned off.

Remote Touch

The navigation system is primarily operated by the Remote Touch.

Remote Touch is the name for the device that includes the “MAP” button, “MENU” button, back button, touchpad and sub function button.

Names and operations of each part



A “MAP” button

Press to display the current location. (→P.60, 62)

B “MENU” button

Press to display the menu screen. (→P.16)

C Back button

Press to display the previous screen. (→P.27)

D Touchpad

Operate to select/confirm a button on the screen. (→P.27)
Operate to scroll list screens and enlarge/shrink the map. (→P.27)

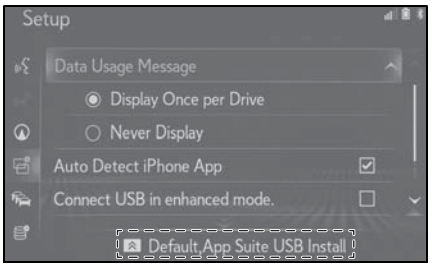
E Sub function button

When is displayed on the screen, a function screen assigned to the screen can be displayed. (→P.15)

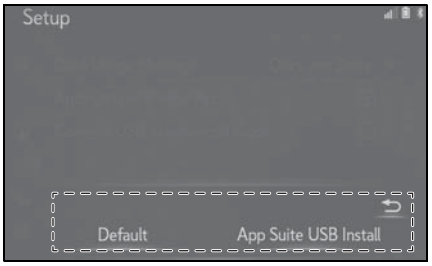
Using the sub function button

Optional functions assigned to the screen can be operated.

1 When the is displayed on the screen, press the button on the Remote Touch.



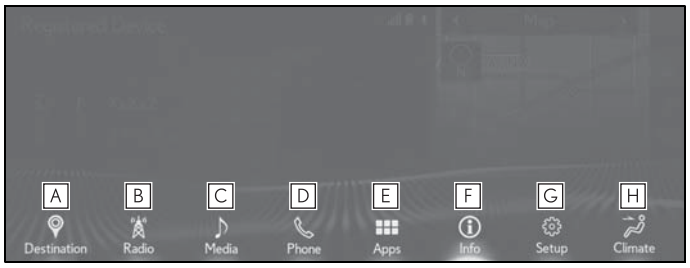
2 Select the desired item.



Menu screen

Menu screen operation

Press the “MENU” button on the Remote Touch to display the menu screen.



A Select to display the “Destination” screen. (→P.71)

B Select to display the radio control screen. (→P.104)

C Select to display the media control screen. (→P.104)

D Select to display the hands-free control screen. (→P.180)

E Select to display the “Apps” screen.*1 (→P.217)

F Select to display the information screen. (→P.21)

G Select to display the “Setup” screen. (→P.20)

H Select to display the air conditioning control screen. *2

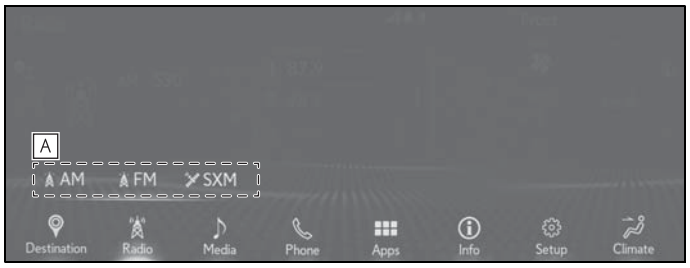
*1: This function is not made available on some models.

*2: Refer to the “OWNER’S MANUAL”

How to use “On cursor shortcut”

Moving the cursor over a switch on the menu screen causes shortcut switches to display for that switch.

The shortcut switches can be used to perform operation procedures more quickly.

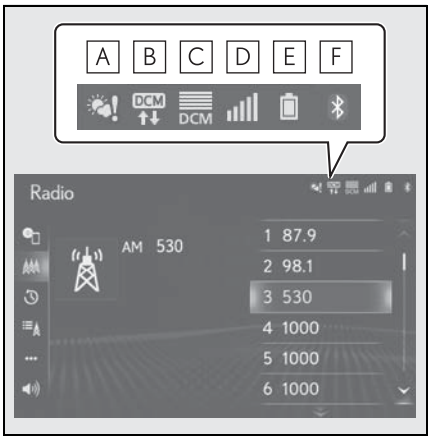


A On cursor shortcut

Status icon

Status icons are displayed at the top of the screen.

Status icon explanation



A Weather alert display (→P.164)

- Select to display important weather information for the current location or along the route.

B Indicate during data communication performed via Data Communication Module (DCM)

C The reception level of Data Communication Module (DCM) display (→P.18)

D The reception level of the connected phone display (→P.18)

E Remaining battery charge display (→P.18)

F Bluetooth® phone connection condition display (→P.18)

● The number of status icons that can be displayed differs depending on the displayed screen.

Reception level display

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 phone you have.

When the cellular phone is out of the service area or in a place inaccessible by radio waves, / 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 phone you have.

▶ While connected with cellular phone

Level	Indicators
No connection	
Poor	
Excellent	

▶ While using Data Communication Module (DCM)

Level	Indicators
No connection	
Poor	
Excellent	

Remaining battery charge display

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.

Remaining charge	Indicators
Empty	
Low	
Full	

Bluetooth® connection condition display

An antenna for the Bluetooth® connection is built into the instrument panel.

The condition of the Bluetooth® connection may deteriorate and the system may not function when a Bluetooth® phone is used in the following conditions and/or places:

The cellular phone is obstructed by certain objects (such as when it is behind the seat or in the glove box or console box).

The cellular phone is touching or is covered with metal materials.

Leave the Bluetooth® phone in a place where the condition of the Bluetooth® connection is good.

Indicators	Conditions
(Blue)	Indicates that the condition of the Bluetooth® connection is good.
(Gray)	While in this condition, sound quality during phone calls may deteriorate.
	Indicates that the cellular phone is not connected via Bluetooth®.

"Setup" screen

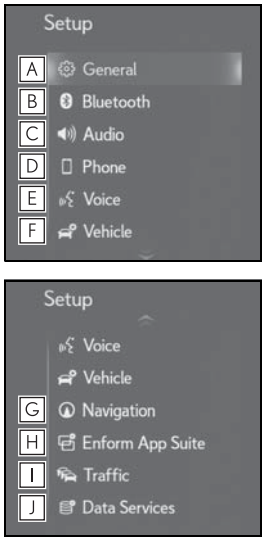
"Setup" screen

The "Setup" screen can be reached by the following methods:

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

2 Select "Setup".

3 Select the desired item.



A Select to change the selected language, operation sound, automatic screen change settings, etc. (→P.51)

B Select to set Bluetooth® phones and Bluetooth® audio devices. (→P.42)

C Select to set radio and external media settings. (→P.134)

D Select to set the phone sound, contacts, message settings, etc. (→P.194)

E Select to set the voice guidance settings. (→P.55)

F Select to set vehicle information such as maintenance information. (→P.56)

G Select to set memory points (home, favorites, areas to avoid), navigation details or to delete previous destinations. (→P.92)

H Select to set Lexus Enform App Suite 2.0 settings.* (→P.222)

I Select to set traffic information.* (→P.95)

J Select to set data services settings.* (→P.165)

*: This function is not made available on some models.

Information screen

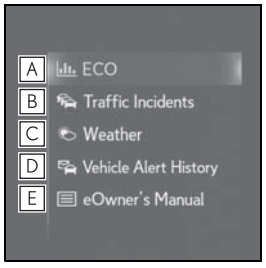
Information screen

The information screen can be reached by the following methods:

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

2 Select "Info".

3 Select the desired item.



A Select to display the energy monitor or fuel consumption screen.*1

B Select to display traffic information.*2 (→P.68)

C Select to display weather information.*2 (→P.164)

D Select to display the vehicle alert history.*2

E Select to display the "eOwner's Manual" screen.*3

*1: Refer to the "OWNER'S MANUAL"

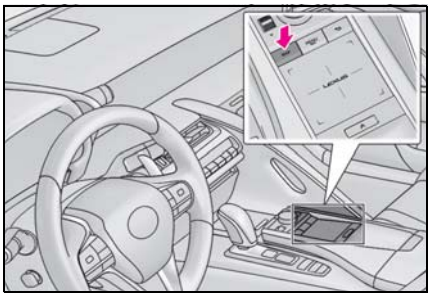
*2: This function is not made available on some models.

*3: Refer to the "eOwner's Manual"

Operating the map screen

Displaying the current position of the vehicle on the map screen

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



● The current position of the vehicle is displayed on the map screen.

■ Displaying the map screen

The following operations can also be performed.

● Changing the map direction (→P.63)

● Displaying 3D map (→P.63)

● Changing the map color (→P.92)

● Displaying the footprint map (→P.62)

Moving the map screen

1 Select the desired point on the map screen.

● Move the desired point on the center of the map screen.

● Press the "MAP" button on the Remote Touch to return to the current position.

Zooming in /out the map

■ Zooming in the map

1 Select ⊕ or pinch out on the touchpad of the Remote Touch. (→P.62)

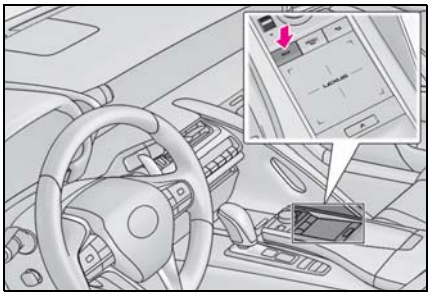
■ Zooming out the map

1 Select ⊖ or pinch in on the touchpad of the Remote Touch. (→P.62)

Guiding the route

Setting the destination

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



2 Select .

3 There are different kinds of methods to search for a destination. (→P.71)

4 Select "Go".

- Check that the entire route map is displayed. (→P.79)

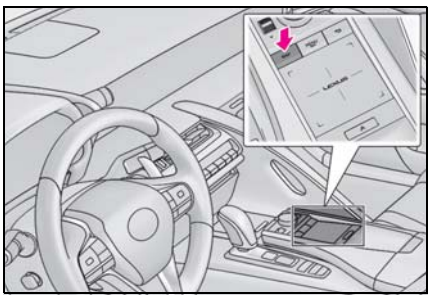
5 Select "OK".

- Selecting routes other than the one recommended (→P.78)
- Guidance to the destination is displayed on the screen and can be heard via voice guidance.

Deleting destinations

When route guidance is no longer necessary, such as when you know the rest of the route to your destination, the destination can be deleted.

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



2 Select .

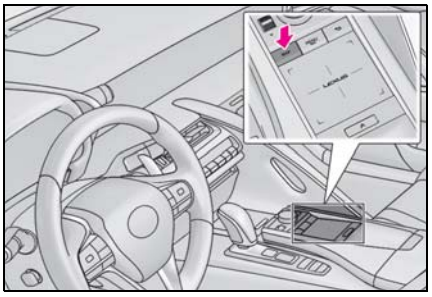
3 Select "Yes" when the confirmation screen appears.

- When more than 1 destination has been set, a list will be displayed on the screen. Select the item(s) to be deleted.

Registering home

Registering home

1 Press the “MAP” button on the Remote Touch.



2 Select .

3 Select .

4 Select “Yes”.

5 There are different kinds of methods to search for your home. (→P.71)

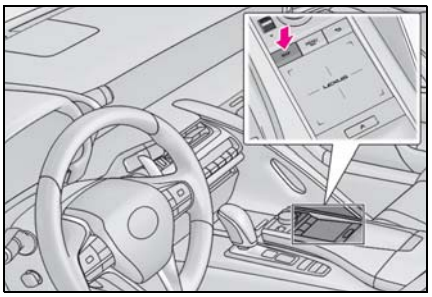
6 Select “OK”.

● Registration of home is complete.

- Registering home in a different way →P.87
- Editing the name, location and icon →P.88
- Setting home as the destination →P.72

Setting home as the destination

1 Press the “MAP” button on the Remote Touch.



2 Select .

3 Select .

4 Select “OK”.

● Selecting routes other than the one recommended (→P.79)

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

2-1. Basic information before operation
Initial screen 26
How to use the Remote Touch 27
Operating the screen 30
Using side display 32
Entering letters and numbers/list screen operation 34
Linking multi-information display and navigation system 37
2-2. Bluetooth® settings
Registering/Connecting Bluetooth® device 38
Setting Bluetooth® details 42
2-3. Other settings
General settings 51
Voice settings 55
Vehicle settings 56

Initial screen

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

Caution screen

After a few seconds, the "CAUTION" screen will be displayed.

Waiting about 5 seconds or selecting "Continue" switches to the last displayed screen. (Press any button on the Remote Touch, the function's corresponding screen will be displayed.)

WARNING

- When the vehicle is stopped with the engine running <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.

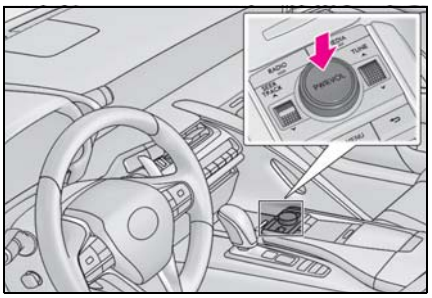
When the vehicle reaches a previously set driving distance or date specified for a scheduled maintenance check, the "Maintenance Reminder" screen will be displayed when the system is turned on.

- This screen goes off if the screen is not operated for several seconds.
- To prevent this screen from being displayed again, select "Do Not Tell Me Again".
- To register maintenance information: →P.57
- If is selected, the registered phone number can be called.

Restarting the system

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

1 Press and hold the "PWR•VOL" knob for 3 seconds or more.

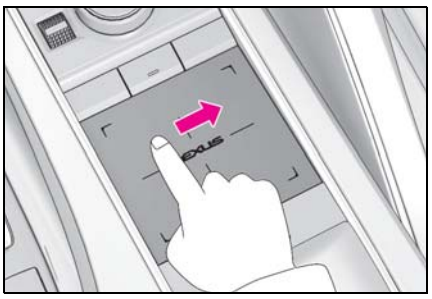


How to use the Remote Touch

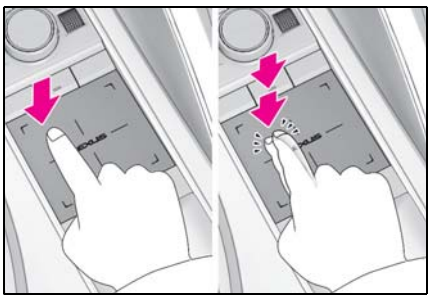
This system can be operated by the Remote Touch when the engine switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>.

Touchpad operation

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



2 The buttons on the screen can be selected by either depressing or double tapping on the touchpad. Once a button has been selected, the screen will change.



- When the pointer moves close to a button, it will automatically snap to that button and a haptic feedback force (vibration) is generated by the touchpad.
  This feedback force can be adjusted. (→P.51)
- Press the "MENU" button on the Remote Touch to display the menu screen. (→P.16)
- The map screen can be displayed by pressing the "MAP" button on the Remote Touch. (→P.62)
- When is displayed on the screen, select or press the button on the Remote Touch to return to the previous screen.

- Perform touchpad operations using a finger. Do not use nails or other objects like pens, etc.
- Perform pointer movement operations using only one finger. The pointer can not be operated by using more than one finger.
- When water or other foreign materials are on the touchpad, a malfunction may occur. In those cases, wipe off the water or foreign materials and wait about 30 seconds before operating the touchpad.
- In the following cases, there is a possibility that the touchpad may not react normally:
  - When wearing gloves, etc.
  - When operated with a wet hand.
  - When a film, paint-like substance, etc., is on the touchpad.
  - Near a TV tower, electrical power plant, gas station, large display, airport or other facility that generates strong radio waves or electrical noise.
  - When wireless devices, such as portable radios and mobile phones are nearby.
  - When the following metal items are placed on the touchpad:
    Coins
    Keys
    Metal parts of a wallet or purse

- When the temperature is -4 °F (-20°C) or less
  A card in which aluminum foil, etc., is attached
  A box of cigarettes that uses aluminum foil
  Disposable hand warmers
  Media such as CD/DVDs, USB cables, etc.

● If a hand or object was placed on the touchpad when the engine switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>, the touchpad may not react normally. In those cases, remove what was set on the touchpad and operate it after waiting about 30 seconds. If there still no reaction, turn off the engine switch <power switch> and then turn it to ACCESSORY or IGNITION ON mode <ON mode> again.

● Clean the touchpad frequently, as the reaction of the touch operation may worsen if the touchpad is dirty. In order to prevent malfunctions when cleaning the touchpad, turn the engine switch <power switch> off.

NOTICE

● Do not allow the Remote Touch to come into contact with food, liquid, stickers or lit cigarettes as doing so may cause damage.

● Do not subject the Remote Touch to excessive pressure or strong impact as doing so may cause damage.

● Do not push the touchpad with a strong force or use a sharp pointed object to operate the pad, as it is possible to cause damage.

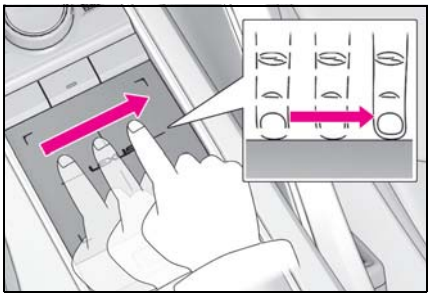
Touchpad gestures

Operations are performed by touching the touchpad with your finger.

Trace

Trace the pad surface while maintaining contact with the touchpad.

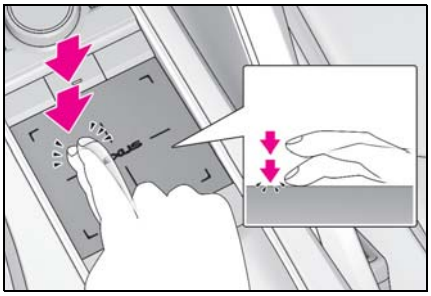
● Moving the cursor and the pointer.



Double tap

Tap the touchpad twice, quickly.

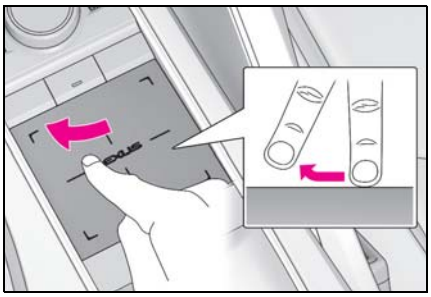
● Selecting the button on the screen.



Flick

Quick and long movement along the touchpad with you finger.

● Moving the list screen or map screen.

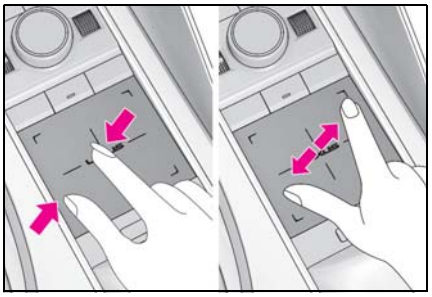


- To move the map, "Map Flick" on the detailed navigation settings is required to be "On". (→P.92)
- The behavior of the flick operation differs depending on whether the vehicle is in motion or parked.

Pinch in/Pinch out

Slide fingers toward each other or apart on the touchpad.

- Changing the scale of the map.



- Setting for the touchpad, such as movement speed of the pointer, can be changed. (→P.51)

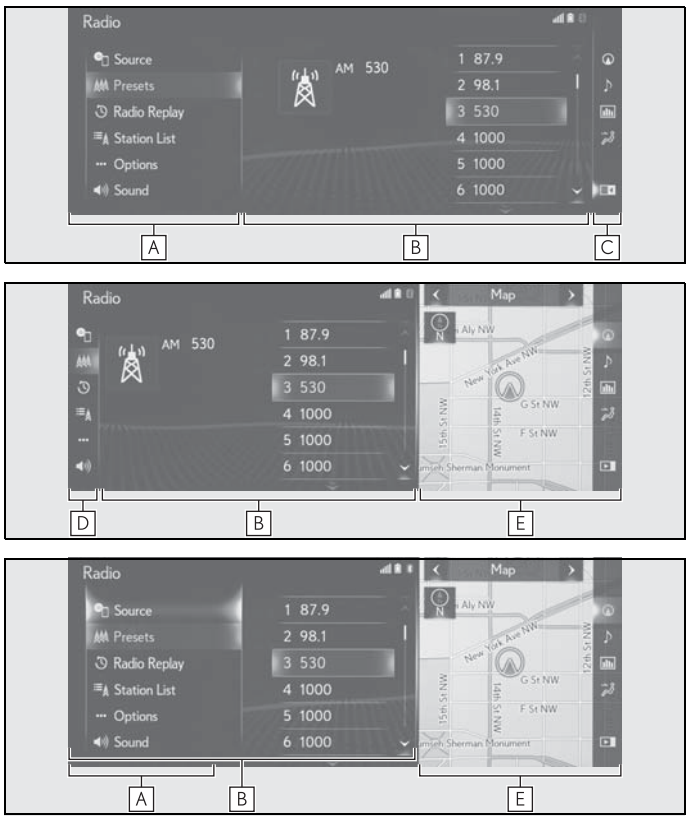
Operating the screen

The screen can be operated in full screen or split-screen mode.

Split-screen mode can display different information side-by-side.

- When the split-screen is displayed, it is necessary to select the screen you wish to operate.

Names and operations of each part



A Sub menu

Selecting the sub menu item switches the main screen.

The displayed items differ according to the function.

B Main display

For details about the functions and operation of the main display, refer to the respective section.

C Side display icon

The side menu can be displayed by moving the cursor over an icon and selecting the desired screen.

D Sub menu icon

Move the cursor over an icon to display its sub menu.

E Side display

The following functions can be displayed and operated on the side display.

- Navigation system (→P.32)
- Audio (→P.33)
- Vehicle information*
- Air conditioning*

*: Refer to the "OWNER'S MANUAL"

Using side display

Switching the side display

To change the screen displayed on the side display, use the screen buttons on the right side of the display.

1 Select the desired button.

A Select to display the navigation screen. (→P.32)

B Select to display the audio control screen. (→P.33)

C Select to display the vehicle information screen.*

D Select to display the air conditioning control screen.*

E Select to hide the side display.

*: Refer to the "OWNER'S MANUAL"

Navigation system

Map scale

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

Orientation of the map

1 Select N, N or N.

Switching the map mode

1 Select ‹ or › to change the map mode.

- For details about the map mode, refer to "Switching the map mode". (→P.66)

Editing map

1 Select any point on the side map.

2 Select the desired item.

A Select to display POI icons. (→P.65)

B Select to show traffic information. (→P.68)

Audio/visual system

Switching modes

1 Select .

2 Select the desired source.

■ **Radio operation**

On the side display, preset stations can be selected.

A Select to skips backward 2 minutes.

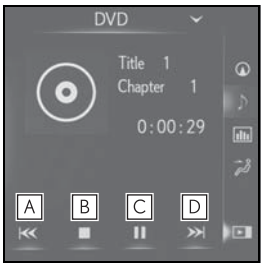
B Select to play/pause.*

C Select to skips forward 2 minutes.

*: Cache radio

■ **Media operation**

Operations such as selecting a chapter, file or track are carried out on the screen.



A Select to select a chapter/track/file. Select and hold to rewind.

B Select to stop the video screen.

C Select to play/pause.

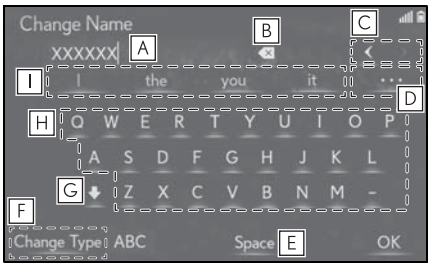
D Select to select a chapter/track/file. During playback: Select and hold to fast forward.
During a pause: Select and hold to slow forward.

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

Entering letters and numbers/list screen operation

Entering letters and numbers

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



A Text field. Entered character(s) will be displayed.

B Select to erase one character. Select and hold to continue erasing characters.

C Select to move the cursor.

D Select to display a list of predictive text candidates when there is more than one. (→P.34)

E Select to make a space on cursor.

F Select to change character and keyboard types. (→P.34)

G Select to enter characters in lower case or in upper case.

H Select to enter desired characters.

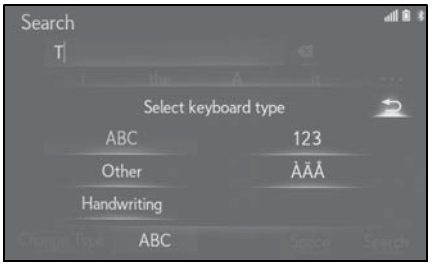
I Select to display predictive text candidates for entered text.

● Keyboard layout can be changed. (→P.51)

Changing character and keyboard type

1 Select “Change Type”.

2 Select the desired character and keyboard.



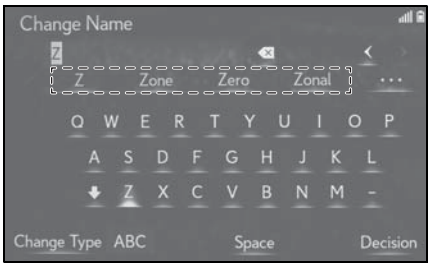
● Depending on the conditions data is being entered, it may not possible to change keyboard characters.

Select to display predictive text candidates

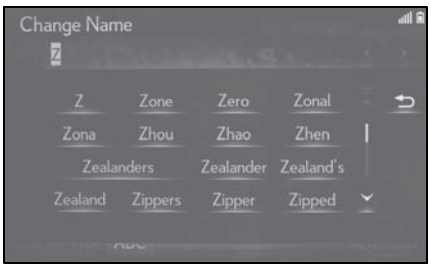
When text is input, the system predicts the text that may complete the currently unconfirmed text and displays predictive replacement candidates that match the beginning of the text.

1 Input text.

2 Select the desired candidate.

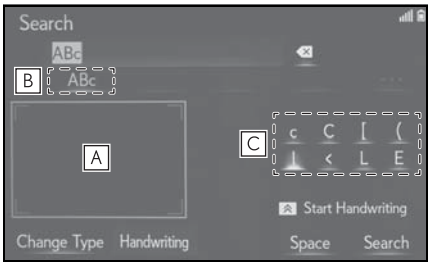


- To select a candidate that is not displayed, select ..., and then select the desired predictive replacement candidate.



Hand writing method

Characters can be entered by hand writing with an optional tool. For details, contact your Lexus dealer.



A Write the characters to be entered.

B Select the candidate character that corresponds to the entered hand written character.

C Select the candidate character that is displayed to enter the next desired character.

- Depending on the input screen and conditions, the following operations can be performed.

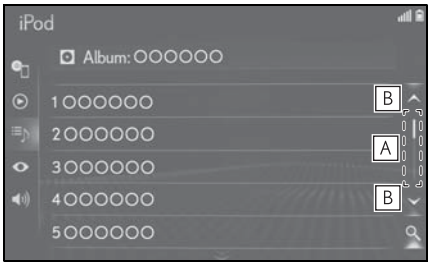
- Back space: Draw a straight line from the bottom right to the bottom left.
- Space: Draw a line from the top left to the bottom left and then continue to the bottom right at a right angle.
- Line Break: Draw a line from the top right to the bottom right and then continue to the bottom left at a right angle.

- To deselect the handwriting input range, press the touchpad of the Remote Touch or sub function button.

List screen

The list screen may be displayed after entering characters. When a list is displayed, use the appropriate screen button to scroll through the list.

Scrolling list screen



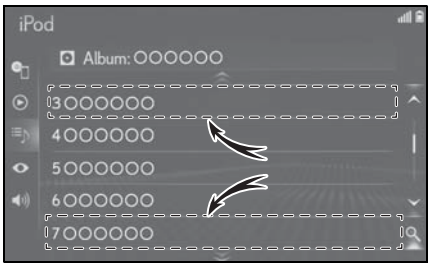
A Select this part to scroll the list by operating the scroll bar.
To release scrolling the list, select the scroll bar again.

B Select to scroll the list.

- 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.
- 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.
- It can be performed even if the "Map Flick" is set to "Off". (→P.92)

List screen flick operation

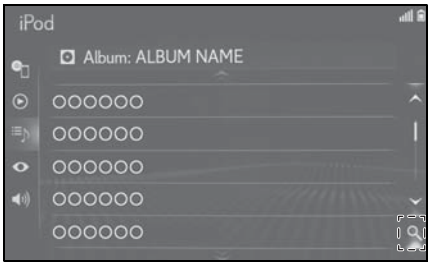
The list can be scrolled by flick operation when the cursor is over the top or bottom part of the list.



Searching with list sorting

Displayed list items can be sorted.

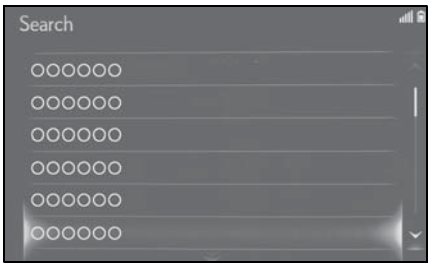
1 Select .



2 Input text.

3 Select "Search".

4 The sorted list is displayed.



- When text is input, a candidate list of items to search for is displayed on the side screen.

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.

1 Press the button on the Remote Touch.

2 Select the desired sorting criteria.

Linking multi-information display and navigation system

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

- Navigation
- Audio
- Phone

etc.

These functions can be operated using the meter control switches on the steering wheel. For details, refer to "OWNER'S MANUAL".

Registering/Connecting Bluetooth® device

To use the hands-free system, it is necessary to register a Bluetooth® phone with the system.

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

This operation cannot be performed while driving.

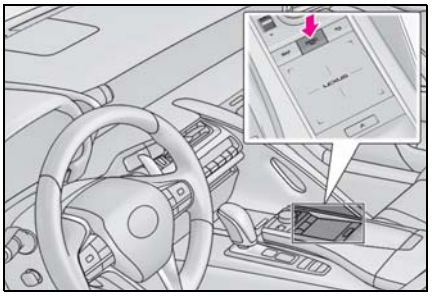
Registering a Bluetooth® phone for the first time

■ **Registering from navigation system**

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 "Setup".

4 Select "Bluetooth*" on the sub menu.

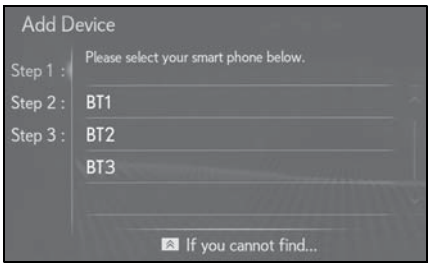
*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

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

5 Depending on situation, the different screen is displayed.

- If there is a registered device, select "Add New Device".
- If there is no registered device, select "Yes".

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

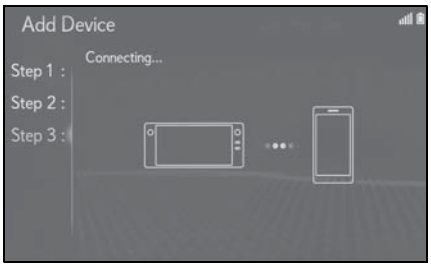


- For details about operating the Bluetooth® device, see the manual that comes with it.
- Depending on the type of Bluetooth® phone or portable device, if you do not enable the display of certain screens, your device may not be displayed on the device list. Refer to the instruction manual included with the Bluetooth® phone or portable device for more details.

7 Register the Bluetooth® device using your Bluetooth® device.

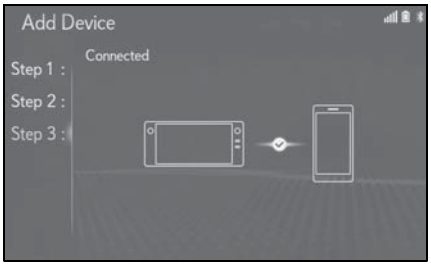
- A PIN code is not required for SSP (Secure Simple Pairing) compatible Bluetooth® devices. Depending on the type of Bluetooth® device being connected, a message confirming registration may be displayed on the Bluetooth® device's screen. Respond and operate the Bluetooth® device according to the confirmation message.

8 Check that the following screen is displayed, indicating pairing was successful.



- The system is connecting to the registered device.
- At this stage, the Bluetooth® functions are not yet available.

9 Check that "Connected" is displayed and registration is complete.



- If an error message is displayed, follow the guidance on the screen to try again.
- If a cellular phone does not operate properly after being connected, turn the cellular phone off and on and then connect it again.

■ Registering from phone

When registering from the navigation system is failed, or the phone name doesn't appear on the registering screen, need to connect the Bluetooth® phone manually.

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

2 Select "Setup".

3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

4 Select "Yes" to register the new phone.

5 Press the button on the Remote Touch to select "If you cannot find..." on the bottom of the screen.

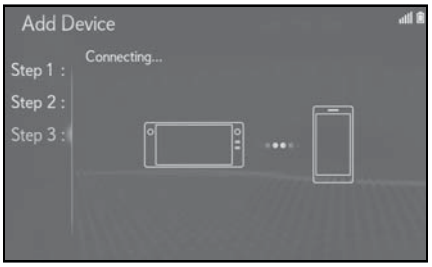
6 Select "Register from Phone".

7 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 con-

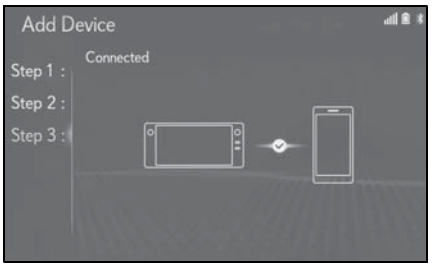
firmation message.

8 Check that the following screen is displayed, indicating pairing was successful.



- The system is connecting to the registered device.
- At this stage, the Bluetooth® functions are not yet available.

9 Check that "Connected" is displayed and registration is complete.



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

- If a cellular phone does not operate properly after being connected, turn the cellular phone off and on and then connect it 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.

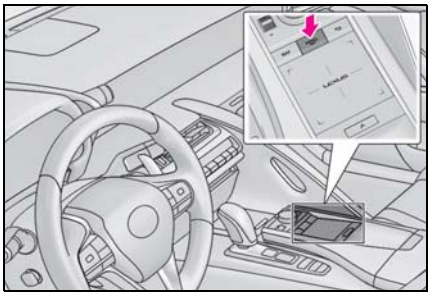
This operation cannot be performed while driving.

For details about registering a Bluetooth® device: →P.43

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.

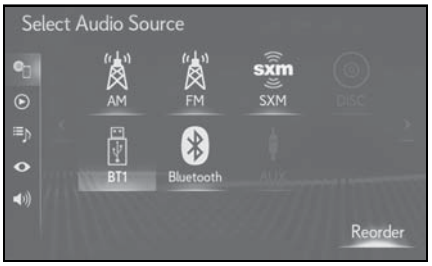


3 Select "Media".

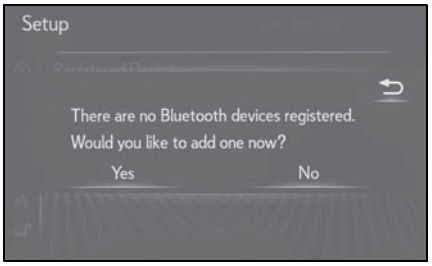
4 Select "Source" on the sub menu.

5 Select "Bluetooth*".

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.



6 Select "Yes" to register a audio player.



7 Follow the steps in "Registering a Bluetooth® phone for the first time" from step 5. (→P.38)

Profiles

This system supports the following services.

Bluetooth® Core Specification

- Ver. 2.0 (Recommended: Ver. 4.1 +EDR)

Profiles

- HFP (Hands Free Profile) Ver. 1.0 (Recommended: Ver. 1.7)
  - This is a profile to allow hands-free phone calls using a cellular phone or head set. It has outgoing and incoming call functions.
- OPP (Object Push Profile) Ver. 1.1 (Recommended: Ver. 1.2)
  - This is a profile to transfer contacts data.
- PBAP (Phone Book Access Profile) Ver. 1.0 (Recommended: Ver. 1.2)
  - This is a profile to transfer phonebook data.
- MAP (Message Access Profile) Recommended: Ver. 1.2
  - This is a profile to use phone message functions.
- SPP (Serial Port Profile) Recommended: Ver. 1.2
  - This is a profile to use the "Lexus Enform" function.
- A2DP (Advanced Audio Distribution Profile) Ver. 1.0 (Recommended: Ver. 1.3)
  - This is a profile to transmit stereo audio or high quality sound to the audio system.
- AVRCP (Audio/Video Remote Control Profile) Ver. 1.0 (Recommended: Ver. 1.6)
  - This is a profile to allow remote control the A/V equipment.

- If your cellular phone does not support HFP, registering the Bluetooth® phone or using OPP, PBAP, MAP or SPP 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.

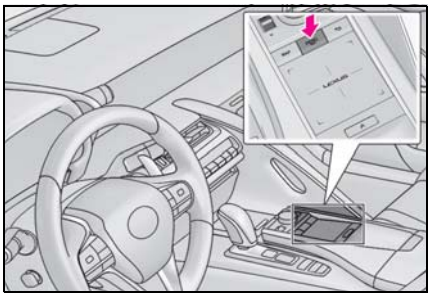
- Refer to http://www.lexus.com/MobileLink to find approved Bluetooth® phones for this system.
- Certification

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license. Other trademarks and trade names are those of their respective owners.

Setting Bluetooth® details

Displaying the Bluetooth® setup screen

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



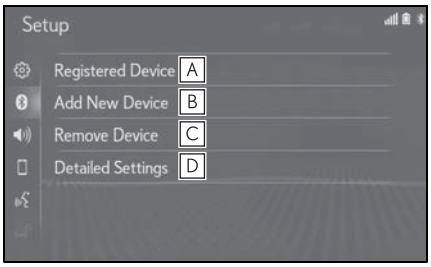
2 Select "Setup".

3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

4 Select the desired item to be set.

Bluetooth® setup screen



A Connecting a Bluetooth® device (→P.44)

B Registering a Bluetooth® device (→P.43)

C Deleting a Bluetooth® device (→P.44)

D Editing the Bluetooth® device information and system settings (→P.46)

Registering a Bluetooth® device

Up to 5 Bluetooth® devices can be registered.

Bluetooth® compatible phones (HFP) and audio players (AVP) can be registered simultaneously.

This operation cannot be performed while driving.

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

2 Select "Setup".

3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

4 Select "Add New Device".

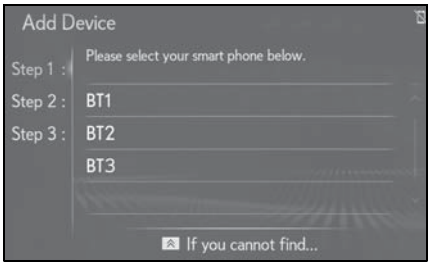
▶ When another Bluetooth® device is connected

● 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.

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

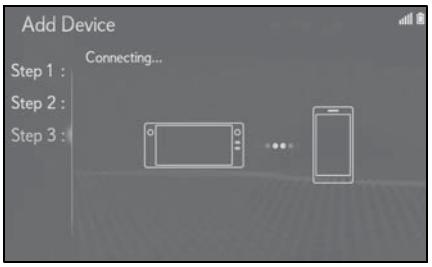


● For details about operating the Bluetooth® device, see the manual that comes with it.

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, indicating pairing was successful.

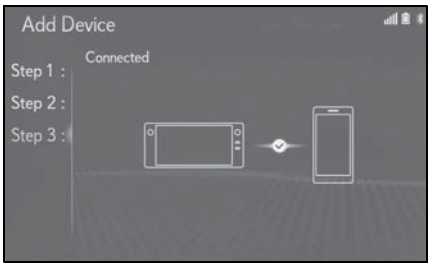


● The system is connecting to the reg-

istered device.

- At this stage, the Bluetooth® functions are not yet available.

8 Check that "Connected" is displayed and registration is complete.



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

Deleting a Bluetooth® device

This operation cannot be performed while driving.

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

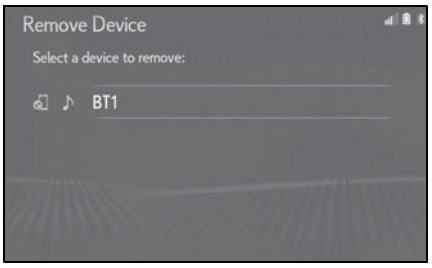
2 Select "Setup".

3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

4 Select "Remove Device".

5 Select the desired device.



6 Select "Yes" when the confirmation screen appears.

7 Check that a confirmation screen is displayed when the operation is complete.

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

Connecting a Bluetooth® device

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

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

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

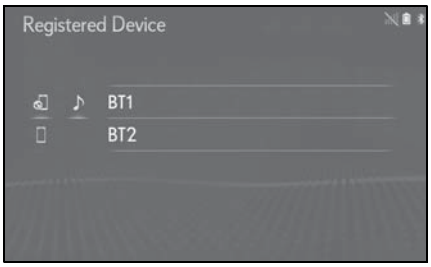
2 Select "Setup".

3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

4 Select "Registered Device".

5 Select the device to be connected.



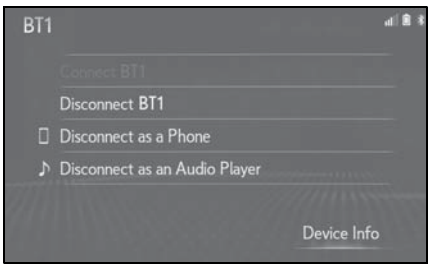
: Phone

: Audio player

:Phone/"Lexus Enform" service

- The profile icon for a currently connected device will be displayed in color.
- Selecting a profile icon which is not currently connected will switch the connection to the function.
- If the desired Bluetooth® device is not on the list, select "Add New Device" to register the device. (→P.43)

6 Select the desired connection.



7 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.
- 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.
- When disconnecting a Bluetooth® device, it is recommended to disconnect using the system.

Connecting a Bluetooth® device in a different way (from phone top screen)

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

2 Select "Phone".

3 Select "Select Device" on the sub menu.

4 Select desired device name from the list.

Connecting a Bluetooth® device in a different way (from Bluetooth® audio top screen)

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

2 Select "Media".

3 Select "Source" on the sub menu.

4 Select "Bluetooth*".

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

5 Select "Connect".

6 Select desired device name from the list.

■ **Auto connection mode**

To turn auto connection mode on, set "Bluetooth* Power" to on. (→P.48)

Leave the Bluetooth® device in a location where the connection can be established.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

- When the engine switch <power switch> is in ACCESSORY or IGNITION ON mode <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. When automatic connection priority is set to on and there is more than one registered Bluetooth® phone available, the system will automatically connect to the Bluetooth® phone with the highest priority. (→P.48)

■ **Connecting manually**

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

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

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

2 Select "Setup".

3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

4 Follow the steps in "Connecting a Bluetooth® device" from step **4**. (→P.130)

■ **Reconnecting the Bluetooth® phone**

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

Editing the Bluetooth® device information

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

This operation cannot be performed while driving.

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

2 Select "Setup".

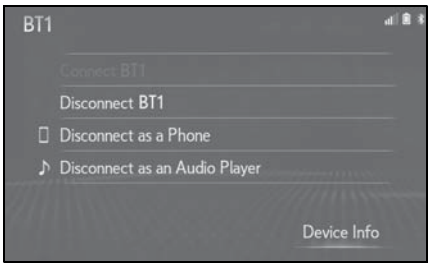
3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

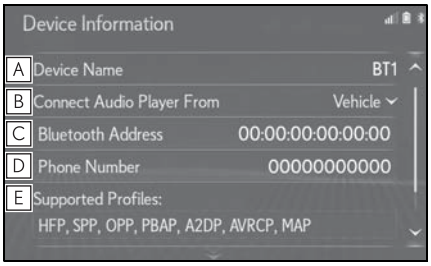
4 Select "Registered Device".

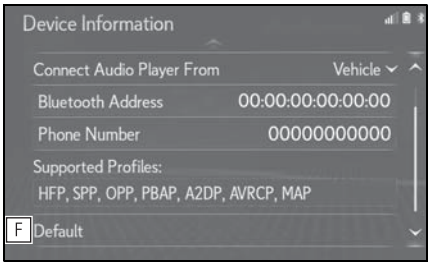
5 Select the desired device to be edited.

6 Select “Device Info”.



7 Confirm and change the Bluetooth® device information.





A The name of the Bluetooth® device is displayed. It can be changed to a desired name. (→P.47)

B Select to set the Bluetooth® audio player connection method. (→P.47)

C Device address is unique to the device and cannot be changed.

D Phone number of the Bluetooth® phone and cannot be changed.

E Compatibility profile of the Bluetooth® device and cannot be changed.

F Select to reset all setup items.

- 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 phone, some information may not be displayed.

Changing a device name

1 Select “Device Name”.

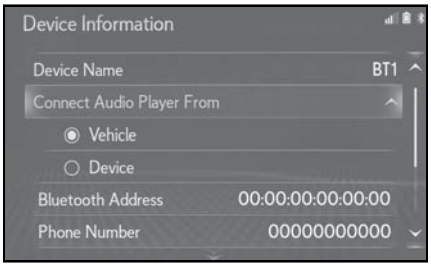
2 Enter the name and select “OK”.

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

Setting audio player connection 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.

"Detailed Settings" screen

The Bluetooth® settings can be confirmed and changed.

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

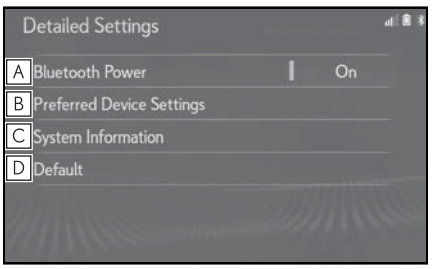
2 Select "Setup".

3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

4 Select "Detailed Settings".

5 Select the desired item to be set.



A Select to set Bluetooth® connection on/off. (→P.48)

B Select to change the automatic connection priority of the registered Bluetooth® devices. (→P.48)

C Select to edit the system information. (→P.49)

D 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 switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>.

When "Bluetooth* Power" is off:

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

- While driving, the auto connection state can be changed from off to on, but cannot be changed from on to off.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

Setting automatic connection priority

The automatic connection priority of the registered Bluetooth® devices can be changed.

1 Select "Preferred Device Settings".

2 Select the desired item to be set.

A Select to set automatic connection priority on/off.

B Select to change the automatic connection priority of the registered Bluetooth® phones. (→P.49)

C Select to change the automatic connection priority of the registered Bluetooth® audio players. (→P.49)

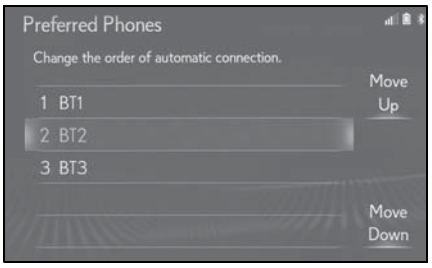
D Select to reset all setup items.

● A newly registered Bluetooth® device will automatically be given the highest automatic connection priority.

■ Changing phone automatic connection priority

1 Select "Preferred Phones".

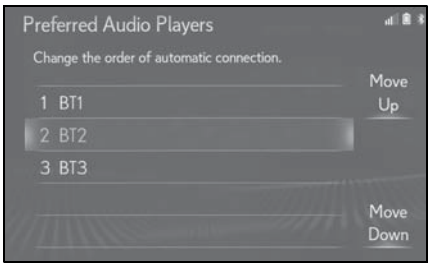
2 Select the desired Bluetooth® device and select "Move Up" or "Move Down" to change the preferred order.



■ Changing audio player automatic connection priority

1 Select "Preferred Audio Players".

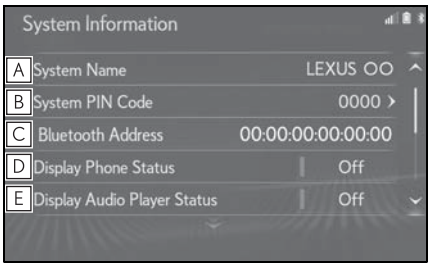
2 Select the desired Bluetooth® device and select "Move Up" or "Move Down" to change the preferred order.

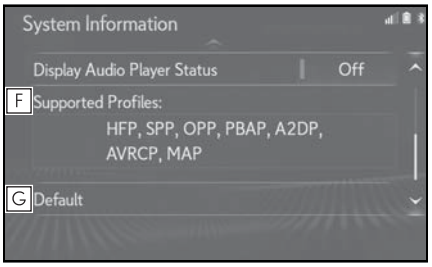


Editing the system information

1 Select "System Information".

2 Select the desired item to be set.





A Displays system name. Can be changed to a desired name. (→P.50)

B PIN code used when the Bluetooth® device was registered. Can be changed to a desired code. (→P.50)

C Device address is unique to the device and cannot be changed.

D Select to set the phone connection status display on/off.

E Select to set the connection status display of the audio player on/off.

F Compatibility profile of the system

G Select to reset all setup items.

■ **Editing the system name**

1 Select “System Name”.

2 Enter a name and select “OK”.

■ **Editing the PIN code**

1 Select “System PIN Code”.

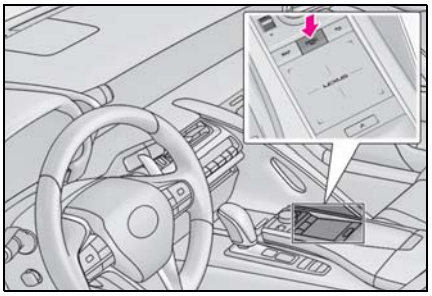
2 Enter a PIN code and select “OK”.

General settings

Settings are available for automatic screen change, operation sounds, etc.

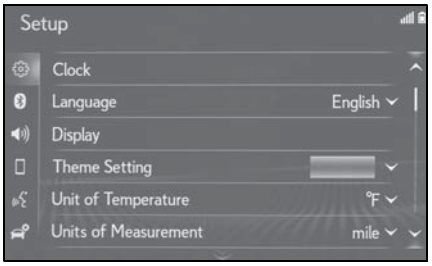
Displaying the general settings screen

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



2 Select "Setup".

3 Select the items to be set.



General settings screen

● "Clock"

Select to change the time zone, set the daylight saving time on/off and set the automatic adjustment of the clock on/off. (→P.52)

● "Language"

Select to change the language.

● "Display"

Select to adjust the contrast and brightness of the screens, turn the screen off, etc. (→P.53)

● "Theme Settings"

Select to change the screen theme setting.

● "Unit of Temperature"

Select to change the unit of temperature.

● "Units of Measurement"

Select to change the unit of measure for distance/fuel consumption.

● "Auto Change to Screen"

Select to set automatic screen changes from the audio/air conditioning control screen to the previous screen to 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.

● "Selection Sound"

Select to set the selection sounds on/off.

● "Pointer Sound"

Select to set the pointer sounds on/off.

● "Error Sound"

Select to set the error sounds on/off.

● "Pointer Sound Volume"

Select to adjust the pointer sound volume.

● "Feedback Force"

Select to adjust the level of the haptic feedback force (vibration) to the touchpad, when selecting a screen button.

● "Cursor Speed"

Select to adjust the pointer speed.

● "Multi-Touch Command"

Select to set the multi-touch command on/off.

● “Keyboard Layout”

Select to change the keyboard layout.

● “Delete Keyboard History”

Select to delete the keyboard history.

● “Memorize Keyboard History”

Select to set the memorize keyboard history on/off.

● “Delete Search History”

Select to delete the search history.

● “Delete Personal Data”

Select to delete personal data. (→P.54)

● “Software Update”

Select to update software versions. For details, contact your Lexus dealer.

● “Software Update Setting”

Select to set software update setting. (→P.54)

● “Gracenote Database Update”

Select to update “Gracenote” database versions. For details, contact your Lexus dealer.

● “Software Information”

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.)

Clock settings

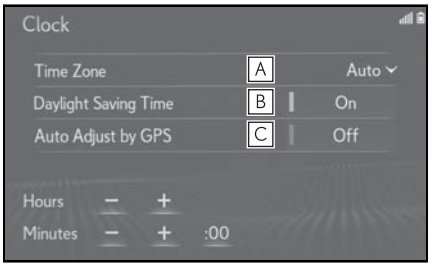
Used for changing the time zone and setting of daylight saving time and automatic time adjustment on/off.

1 Press the “MENU” button on the Remote Touch.

2 Select “Setup”.

3 Select “Clock”.

4 Select the items to be set.



A Select to change the time zone. (→P.52)

B Select to set daylight saving time on/off.

C Select to set automatic adjustment of the clock by GPS on/off. When set to on, the system will automatically adjust the clock to the current position’s time zone when the vehicle moves to a different time zone. When set to off, the clock can be manually adjusted. (→P.52)

Setting the time zone

1 Select “Time Zone”.

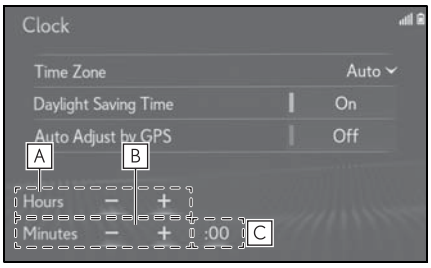
2 Select the desired time zone.

● If “Auto” is selected, the time zone is selected automatically by current vehicle position.

Manual clock setting

When “Auto Adjust by GPS” is turned “Off”, the clock can be manually adjusted.

1 Select the desired item.



A Select "+" to set the time forward one hour and "-" to set the time back one hour.

B Select "+" to set the time forward one minute and "-" to set the time back one minute.

C Select to round to the nearest hour.

e.g.

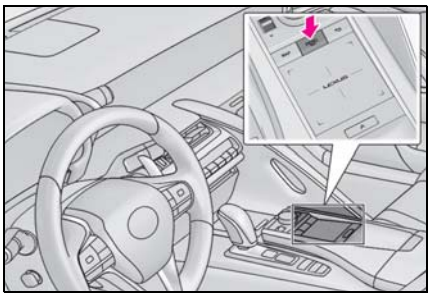
1:00 to 1:29 → 1:00

1:30 to 1:59 → 2:00

Display settings (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.108)

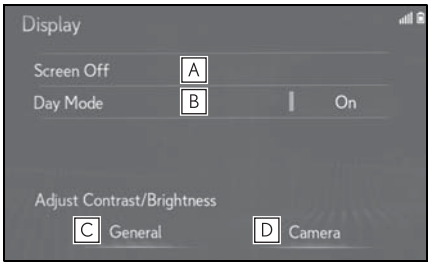
1 Press the "MENU" button on the Remote Touch.



2 Select "Setup".

3 Select "Display".

4 Select the items to be set.



A Select to turn the screen off. To turn it on, press any button on the audio panel or on the Remote Touch.

B Select to turn day mode on/off. (→P.53)

C Select to adjust the screen display. (→P.54)

D Select to adjust the camera display. (→P.54)

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”.

● 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.

• “Contrast”

“+”: Select to strengthen the contrast of the screen.

“-”: Select to weaken the contrast of the screen.

• “Brightness”

“+”: Select to brighten the screen.

“-”: Select to darken the screen.

Deleting personal data

Registered or changed personal settings will be deleted or returned to their default conditions.

1 Press the “MENU” button on the Remote Touch.

2 Select “Setup”.

3 Select “Delete Personal Data”.

4 Select “Delete”.

5 Select “Yes” when the confirmation screen appears.

Examples of settings that can be returned to their default conditions:

- General settings
- Navigation settings
- Audio settings
- Phone settings
- Lexus Enform App Suite 2.0 settings

etc.

Software update settings

“Automatic Update Check” can be switched “On” or “Off”.

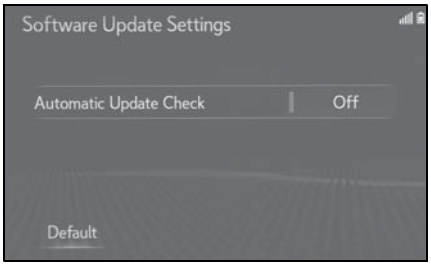
1 Press the “MENU” button on the Remote Touch.

2 Select “Setup”.

3 Select “Software Update Settings”.

4 Select “Automatic Update Check”.

● Each time the button is selected, “On” and “Off” are switched.



● The default setting of “Automatic Update Check” on “Software Update Setting” is “Off”.

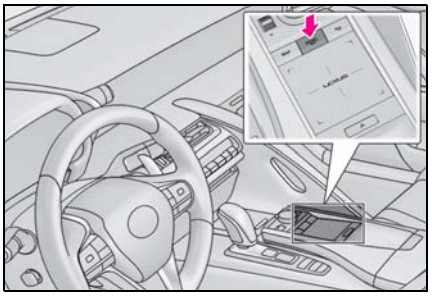
● When software update information is displayed, contact your Lexus dealer.

Voice settings

Voice guidance etc. can be set.

Displaying the voice settings screen

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

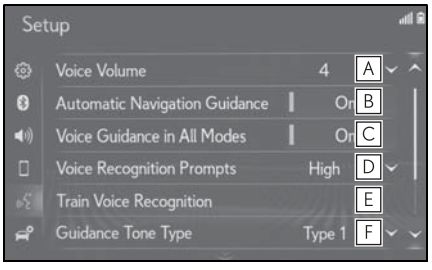


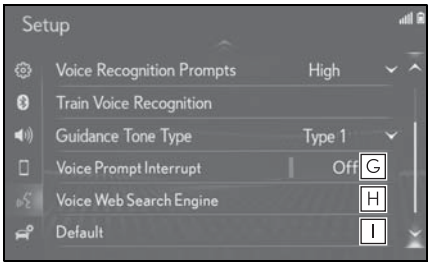
2 Select "Setup".

3 Select "Voice" on the sub menu.

4 Select the items to be set.

Voice settings screen





A Select to adjust the volume of voice guidance.

B Select to set the voice guidance during route guidance on/off.

C Select to set the voice guidance during audio/visual and/or air conditioning system use on/off.

D Select to set the voice recognition prompts.

E Select to train voice recognition. The voice command system adapt the user accent.

F Select to set the beep sound of navigation guidance.

G Select to set the voice prompt interrupt on/off.

H Select to set the web search engine. The search engines are Lexus Enform App Suite 2.0 applications. (→P.222)

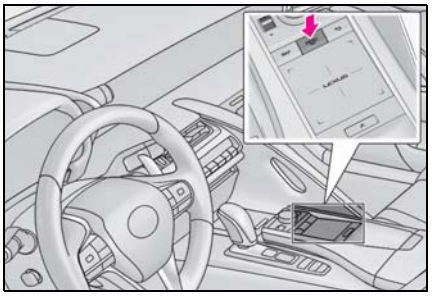
I Select to reset all setup items.

Vehicle settings

Settings are available for maintenance, vehicle customization, intuitive parking assist, etc.

Displaying the vehicle settings screen

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

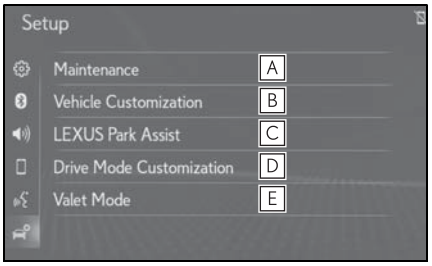


2 Select "Setup".

3 Select "Vehicle" on the sub menu.

4 Select the items to be set.

Vehicle settings screen



A Select to set maintenance. (→P.57)

B Select to set vehicle customization. *1

C Select to set intuitive parking assist-sensor. *1,2

D Select to set driving mode. *1,2

E Select to set valet mode. (→P.58)

*1: Refer to the "OWNER'S MANUAL"

*2: If equipped

Maintenance

When the system is turned on, the "Maintenance Reminder" screen displays when it is time to replace a part or certain components. (→P.26)

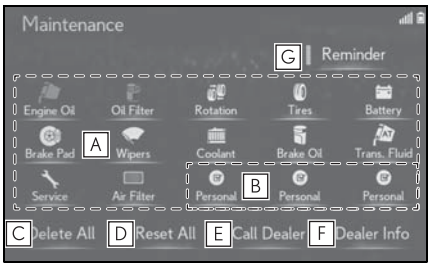
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Vehicle" on the sub menu.

4 Select "Maintenance".

5 Select the desired item.



A Select to set the condition of parts or components. (→P.57)

B Select to add new information items separately from provided ones.

C Select to cancel all conditions which have been entered.

D Select to reset the items which have expired conditions.

E Select to call the registered dealer.

F Select to register/edit dealer information. (→P.57)

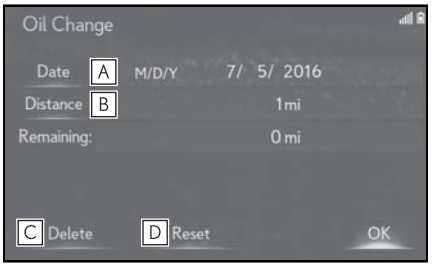
G When set to on, the indicator will illuminate. The system is set to give maintenance information with the "Maintenance Reminder" screen. (→P.26)

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

Maintenance information setting

1 Select the desired part or component screen button.

2 Set the conditions.



A Select to enter the next maintenance date.

B Select to enter the driving distance until the next maintenance check.

C Select to cancel the conditions which have been entered.

D Select to reset the conditions which have expired.

3 Select "OK" after entering the conditions.

● For scheduled maintenance information, refer to "Warranty and Services Guide/Owner's Manual Supplement/Scheduled Maintenance".

● Depending on driving or road conditions, the actual date and distance that maintenance should be performed may differ from the stored date and distance in the system.

Dealer setting

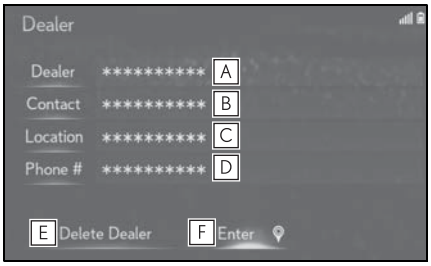
Dealer information can be registered in the system. With dealer information registered, route guidance to the dealer is available.

1 Select "Set Dealer".

2 Select the desired item to search for the location. (→P.71)

● The editing dealer screen appears after setting the location.

3 Select the items to be edited.



A Select to enter the name of a dealer. (→P.58)

B Select to enter the name of a dealer member. (→P.58)

C Select to set the location. (→P.58)

D Select to enter the phone number. (→P.58)

E Select to delete the dealer information displayed on the screen.

F Select to set the displayed dealer as a destination. (→P.77)

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 (→P.64) and select “Enter”.

Editing phone number

1 Select “Phone #”.

2 Enter the phone number and select “OK”.

Setting the valet mode

The security system can be set to on by entering a security code (4-digit number).

When set to on, the system will become inoperative once the electrical power source is disconnected until the security code is entered.

1 Press the “MENU” button on the Remote Touch.

2 Select “Setup”.

3 Select “Vehicle” on the sub menu.

4 Select “Valet Mode”.

5 Enter the 4-digit personal code and select “OK”.

6 Enter the same 4-digit personal code again and select “OK”.

- The system will request that you input the security code again to confirm that you remember it correctly.

7 When valet mode activates, the system stops and a security code (4-digit number) standby screen is displayed.

- If the 4-digit personal code is forgotten, please contact your Lexus dealer.

If the valet mode has been activated

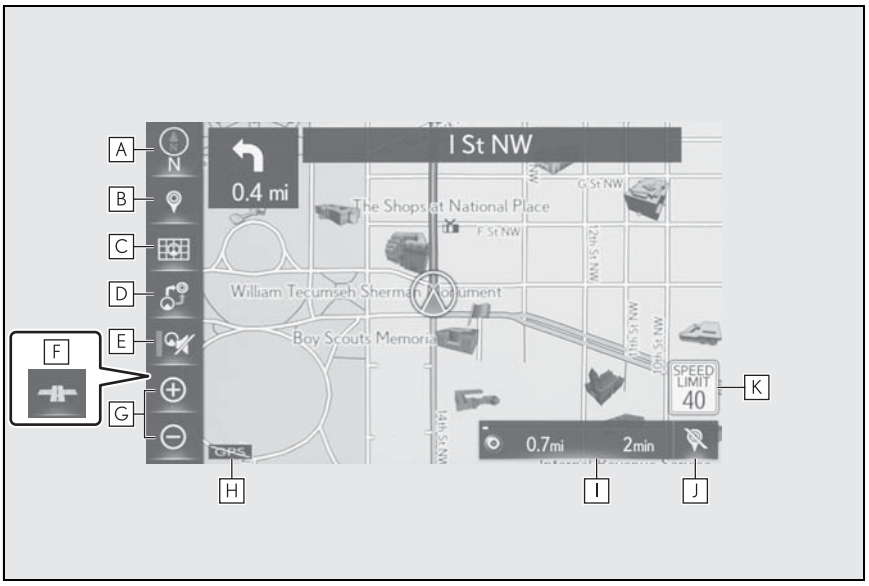
1 Enter the 4-digit personal code and select OK.

- If an incorrect security code (4-digit number) is entered 6 times, the system will not accept another security code (4-digit number) for 10 minutes.

3-1. Basic operation
Map screen..... 60
Map screen operation 62
Map screen information..... 65
Traffic information..... 68
3-2. Destination search
Destination search operation ...71
Starting route guidance..... 77
3-3. Route guidance
Route guidance screen..... 81
Typical voice guidance prompts 84
Editing route..... 85
3-4. Setup
Navigation settings..... 87
Detailed navigation settings 92
Traffic settings..... 95
3-5. Tips for the navigation system
GPS (Global Positioning System) 99
Map database version and covered area 101

Map screen

How to see the current position guiding the route



A 2D north up, 2D heading up or 3D heading up symbol (→P.63)
Indicates whether the map orientation is set to north-up or heading-up. The letter(s) below this symbol indicate the vehicle's heading direction (e.g. N for north). In 3D map, only a heading-up view is available.

B Destination button (→P.71)
Select to display the "Destination" screen.

C Map options button (→P.65)
Select to display the "Map Options" screen.

D Route options button (→P.85)
Select to display the "Route Options" screen.

E Mute button (→P.81)
Select to mute the voice guidance.

F Footprint map button (→P.62)
Select to display the footprint map screen.

G Zoom in/out button (→P.62)
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.

H Unreceived GPS mark (Global Positioning System: →P.99)
Shows that the vehicle is not receiving signals from the GPS. When the signals are received, the mark is not displayed.

I Route information bar (→P.81)
Displays the distance with the estimated travel time/arrival time to the destination. The route information bar fills from left to right as the vehicle progresses on the route.

J Delete destination button (→P.23)
Select to delete destinations.

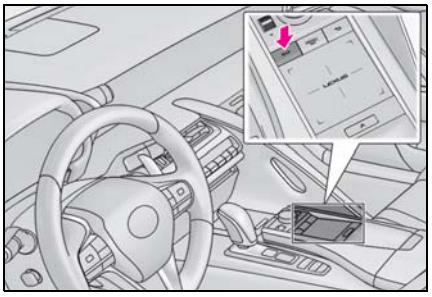
K Speed limit icon (→P.65)
Indicates the speed limit on the current road. The display of the speed limit icon can be set to on/off.

- Certain screen buttons on the map screen will disappear several seconds after the Remote Touch has been operated. This setting can be changed so that all the screen buttons will always be displayed. (→P.92)
- Press the "MAP" button on the Remote Touch to display the address of the current position on the map screen or repeat voice guidance.

Map screen operation

Current position display

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



2 Check that the current position map is displayed.

- To correct the current position manually: →P.93

- 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 the 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.

Map scale

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. This function is not available while driving.
- The scale of the map screen can be changed on the touchpad of the Remote touch with your finger.
  Pinch out on the touchpad to zoom in and pinch in to zoom out.(→P.28)
- In areas where the footprint map is available the map scale changes from ⊕ to ⊟ when at the minimum range.

Footprint map

For areas covered by the footprint map (some major cities), a footprint map on a scale of 75 ft. (25 m) can be selected.

When the map is scaled down to 150 ft. (50 m), ⊕ changes to ⊟ and can be selected to display the footprint map.

1 Select ⊟ on the map screen.

2 Check that the footprint map is displayed.

- To return to the normal map display, select .
- If the map or the current position is moved to the area which is not covered by the footprint map, the screen scale automatically changes to 150 ft. (50 m).
- On the footprint map, a one way street is displayed by .
- Scrolling on the footprint map is not available while driving.
- Certification

Building footprints in the database were created and provided by HERE.

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.

: North-up symbol
Regardless of the direction of vehicle travel, north is always up.

: Heading-up symbol
The direction of vehicle travel is always up.

: 3D Heading-up symbol
The direction of vehicle travel is always up.

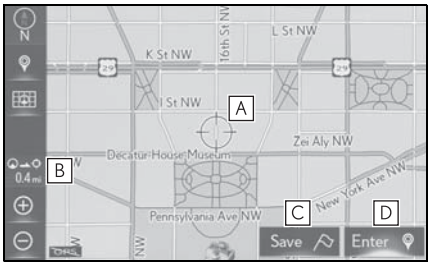
- The letter(s) below this symbol indicate the vehicle's heading direction (e.g. N for north).

Screen scroll operation

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

1 Select the desired point on the map screen.

- Move the desired point on the center of the map screen.



A Cursor mark

B Distance from the current position to the cursor mark

C Select to register as a memory point. To change the icon, name, etc.: →P.88

D Select to set as a destination.

- When selecting "Go" on the following map screen, the navigation system performs a search for the route. (→P.77)
- If a destination has already been set, "Go Directly" and "Add to Route" will be displayed.

"Go Directly": Select to delete the existing destination(s) and set a new one.

"Add to Route": Select to add a destination.

● Press the "MAP" button on the Remote Touch to return to the current position.

Flick scroll operation

The map screen can be moved to drag or flick the touchpad on the Remote Touch. To activate drag/flick operation, "Map Flick" is required to be "On". (→P.92)

1 Select the desired point on the map screen.

● Move the desired point on the center of the map screen.

● After the screen is scrolled, it is possible to do the drag or flick operation on the touchpad.

● Press the button on the Remote Touch. The following buttons can be displayed.

"Save": Select to register as a memory point. To change the icon, name, etc.: →P.88

"Enter": Select to set as a destination.

"Go": Select to delete the existing destination(s) and set a new one.

"Add to Route": Select to add a destination.

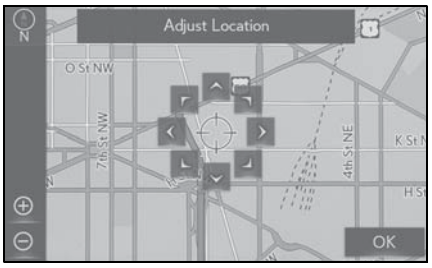
2 Press the touch pad again, the switches on the display can be selected. Follow the steps in "Screen scroll operation" from step 1. (→P.63)

Adjusting location in small increments

The cursor location can be adjusted in small increments when "Adjust Location" is selected on the setting map screen.

Also, when changing the location of memory points on the editing screen (→P.89) and adjusting the current position mark manually on the "Calibration" screen (→P.93), 8 directional arrows may appear for this purpose.

1 Select one of the 8 directional arrows to move the cursor to the desired point and then select "OK".



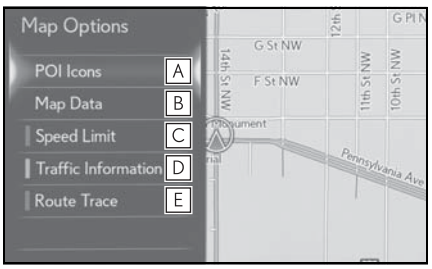
Map screen information

Information such as POI icons, route trace, speed limit, etc. can be displayed on the map screen.

Displaying the map options screen

1 Select on the map screen.

2 Select the desired items to be displayed.



A Select to select or change POI icons. (→P.65)

B Select to display the map version and coverage area. (→P.101)

C Select to display speed limit icon.

D Select to display traffic information.* (→P.68)

E Select to display route trace. (→P.66)

*: This function is not made available on some models.

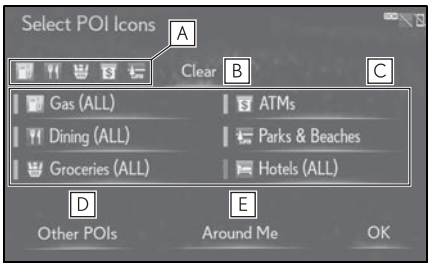
● When set to on, the indicator will illuminate.

Selecting the POI icons

1 Select on the map screen.

2 Select "POI Icons".

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



A Displays up to 5 selected POI icons on the map screen.

B Select to cancel the selected POI icons.

C Displays up to 6 POI icons as favorite POI categories (→P.93)

D Select to display other POI categories if the desired POIs cannot be found on the screen. (→P.65)

E Select to search for the nearest POIs. (→P.66)

Selecting other POI icons to be displayed

1 Select "Other POIs".

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

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

Displaying the local POI list

POIs that are within 20 miles (32 km) of the current position will be listed from among the selected categories.

1 Select "Around Me".

2 Select the desired POI.

● Press the button on the Remote Touch. The following buttons can be displayed.

"Near Here": Select to search for POIs near the current position.

"Along My Route": Select to search for POIs along the route.

3 Check that the selected POI is displayed on the map screen.

Route trace

The traveled route can be stored and retraced on the map screen. This feature is available when the map scale is 30 miles (50 km) or less.

Start recording the route trace

1 Select on the map screen.

2 Select "Route Trace".

● The "Route Trace" indicator illuminates and the route trace starts.

3 Check that the traveled line is displayed.

Stop recording the route trace

1 Select on the map screen.

2 Select "Route Trace" again.

3 A confirmation screen will be displayed.

"Yes": Select to keep the recorded route trace.

"No": Select to erase the recorded route trace.

● The traveled route can be stored up to approximately 621 miles (1000km).

Switching the map mode

To change the map mode displayed on the side display.

1 Select or to change the map mode.

"Map": Display the single map screen.

"Compass": Display the compass mode screen. (→P.67)

"Freeway Exit List": Display the freeway exit list screen. (→P.82)

"Turn List": Display the turn list screen. (→P.84)

"Turn-by-Turn Arrow": Display the turn-by-turn arrow screen. (→P.84)

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

Compass

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

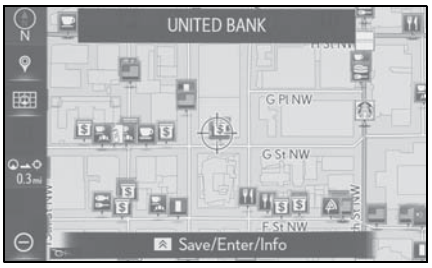
- The destination mark is displayed in the direction of the destination. When driving, refer to the longitude and latitude coordinates, and the compass, to make sure that the vehicle is headed in the direction of the destination.
- When the vehicle travels out of the coverage area, the guidance screen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

Displaying information about the icon where the cursor is set

When the cursor is placed over an icon on the map screen, and the button on the Remote Touch is pressed, the name of icon is displayed. If "Info" appears on the bottom of the name, detailed information can be displayed.

1 Place the cursor over an icon.

2 Press the button on the Remote Touch.



3 Select "Info".

4 Check that the information screen is displayed.

"Save": Select to register as a memory point. To change the icon, name, etc.: →P.88

"Go" / "Enter": Select to set as a destination.

: Select to call the registered number.

"Delete": Select to delete destination or memory point.

"Edit": Select to display the edit memory point screen.

"Detail": Select to display detailed information.

- Even when traffic information is not currently being received, traffic information and "Info" will be displayed for a while after traffic information has been received.
- In some situations, calls to a POI may automatically change to an international call or may not be possible as a domestic call.

Standard map icons

Icon	Name
	Park/Recreation
	Business facility
	Airport
	Military
	University
	Hospital
	Stadium
	Shopping
	Golf course

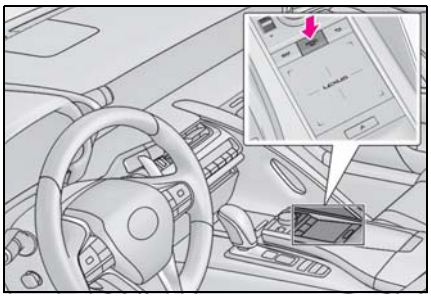
Traffic information*

*: This function is not made available on some models.

Traffic data can be received via HD Radio broadcast or via DCM to display traffic information on the map screen.

Displaying the traffic screen

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



2 Select "Info".

3 Select "Traffic Incidents".

4 Select the desired item.

"Traffic Events on Current Road": Select to display traffic information for the current road. (→P.69)

"Traffic Events on Current Route": Select to display traffic information for the set route. (→P.69)

"Traffic Events Nearby": Select to display traffic information for the nearby. (→P.69)

"Predictive Traffic Map": Select to display a map with predictive traffic data. (→P.69)

"My Traffic Routes": Select to display traffic along the saved routes. (→P.69)

- If a large amount of information is being received, it may take longer than normal for the information to be displayed on the screen.

Displaying traffic information

A list of current traffic information can be displayed along with information on the location and the distance of the incident.

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

2 Select "Info".

3 Select "Traffic Incidents".

4 Select "Traffic Events on Current Road", "Traffic Events on Current Route" or "Traffic Events Nearby".

5 Select the desired traffic information.

▶ When "Traffic Events Nearby" is selected

• Select to turn traffic event information on and off.

On: Displays traffic event and restriction information.

Off: Only restriction information.

6 Check that the traffic information is displayed.

"Detail": Select to display detailed traffic information.

Displaying predictive traffic map

A map with predictive traffic data can be displayed.

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

2 Select "Info".

3 Select "Traffic Incidents".

4 Select "Predictive Traffic Map".

5 Scroll the map to the desired point and set the time of predictive traffic information.

● The time of the predictive traffic information can be displayed in 15-minute steps up to +45 minutes.

"+": Moves the time forward 15 minutes.

"-": Moves the time back 15 minutes.

My traffic routes

Traffic information along the saved routes can be displayed. To use this function, it is necessary to register a route. (→P.96)

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

2 Select "Info".

3 Select "Traffic Incidents".

4 Select "My Traffic Routes".

● If map data has been updated, a confirmation screen will be displayed. Select "OK" or "Do Not Tell Me Again".

5 Select the desired route.

"Options": Select to add, edit or delete personal routes. (→P.95)

● If routes have not been registered yet, a confirmation screen will be displayed. Select "Yes" to register the route.

6 Select the desired traffic information.

7 Check that the traffic information is displayed.

"Detail": Select to display detailed traffic information.

Displaying traffic information on the map

1 Select on the map screen.

2 Select “Traffic Information”.

● When set to on, the indicator will illuminate.

3 Check that the traffic information is displayed.

: The icons show traffic incident, road repair, traffic obstacles, etc. Select to display traffic information and start voice guidance for the traffic information.

: The color of the arrow changes depending on the traffic information received.

Destination search operation

Destination search screen

The "Destination" screen can be reached by the following methods:

■ **From the map screen**

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

2 Select .

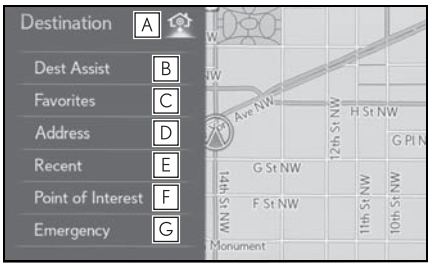
3 Follow the steps in "From the menu screen" from step **3**. (→P.71)

■ **From the menu screen**

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

2 Select "Destination".

3 Select the desired search method.



A Select to set a destination by home. (→P.72)

B Select to search for a destination via the Lexus response center.* (→P.220)

C Select to search for a destination from a registered entry in "Favorites". (→P.72)

D Select to search for a destination by address. (→P.72)

E Select to search for a destination from recent set destinations. (→P.73)

F Select to search for a destination by point of interest. (→P.74)

G Select to search for a destination from emergency service points. (→P.76)

*: This function is not made available on some models.

Selecting search area

The selected state (province) can be changed to set a destination from a different state (province) by using "Address" or "Point of Interest".

■ **From the map screen**

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

2 Select .

3 Follow the steps in "From the menu screen" from step **3**. (→P.71)

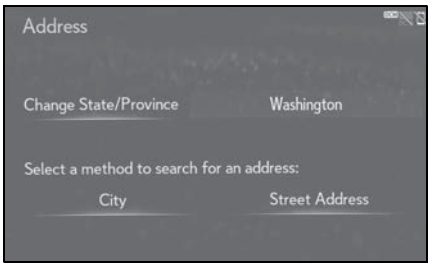
■ **From the menu screen**

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

2 Select "Destination".

3 Select "Address" or "Point of Interest".

4 Select “Select State/Province” or “Change State/Province”.



- If a state (province) has not been selected yet, “Select State/Province” is displayed.

5 Select the desired state (province).

- To change countries, select “United States”, “Canada” or “Mexico”.
- For map database information and updates: →P.101

Setting home as destination

To use this function, it is necessary to register a home address. (→P.87)

■ **From the map screen**

1 Press the “MAP” button on the Remote Touch.

2 Select .

3 Follow the steps in “From the menu screen” from step **3**. (→P.72)

■ **From the menu screen**

1 Press the “MENU” button on the Remote Touch.

2 Select “Destination”.

3 Select .

- The navigation system performs a search for the route and the entire route map is displayed. (→P.78)

Destination search by destination assist*

The destination can be searched by calling an operator of Destination Assist. You can request either a specific business, address, or ask for help locating your desired destination. (→P.220)

*: This function is not made available on some models.

Searching by favorites list

To use this function, it is necessary to register an favorites list entry. (→P.88)

■ **From the map screen**

1 Press the “MAP” button on the Remote Touch.

2 Select .

3 Follow the steps in “From the menu screen” from step **3**. (→P.72)

■ **From the menu screen**

1 Press the “MENU” button on the Remote Touch.

2 Select “Destination”.

3 Select “Favorites”.

4 Select the desired favorites list entry.

Searching by address

There are 2 methods to search for a destination by address.

■ From the map screen

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

2 Select .

3 Follow the steps in "From the menu screen" from step 3. (→P.73)

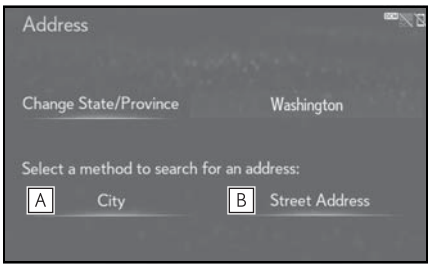
■ From the menu screen

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

2 Select "Destination".

3 Select "Address".

4 Select the desired search method.



A Select to search by city. (→P.73)

B Select to search by street address. (→P.73)

Searching by city

1 Select "City".

2 Enter a city name and select "Search".

"Last 5 Cities": Select the city name from the list of the last 5 cities.

3 Select the desired city name.

4 Enter a street name and select "Search".

5 Select the desired street name.

6 Enter a house number and select "Search".

● If the same address exists in more than one town, the address list screen will be displayed. Select the desired address.

Searching by street address

1 Select "Street Address".

2 Enter a house number and select "Search".

3 Enter a street name and select "Search".

4 Select the desired street name.

5 Enter a city name and select "Search".

6 Select the desired city name.

● If the same address exists in more than one town, the address list screen will be displayed. Select the desired address.

● A street name can be searched using only the body part of its name.
For example: S WESTERN AVE

- A search can be performed by entering "S WESTERN AVE", "WESTERN AVE" or "WESTERN".

Searching from recent destinations

■ From the map screen

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

2 Select .

3 Follow the steps in "From the menu screen" from step 3. (→P.74)

■ **From the menu screen**

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

2 Select "Destination".

3 Select "Recent".

4 Select the desired destination.

● Press the button on the Remote Touch. The following buttons can be displayed.

"Delete Recent Destination": Select to delete the recent destination. (→P.74)

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

Deleting recent destinations

1 Select "Delete Recent Destination".

2 Select the recent destinations to be deleted.

● Press the button on the Remote Touch. The following buttons can be displayed.

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

3 Select "Yes" when the confirmation screen appears.

Searching by point of interest

There are 3 methods to search for a destination by Points of Interest.

■ **From the map screen**

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

2 Select .

3 Follow the steps in "From the menu screen" from step **3**. (→P.74)

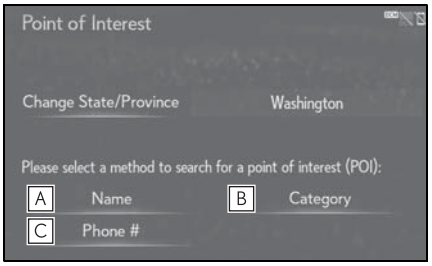
■ **From the menu screen**

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

2 Select "Destination".

3 Select "Point of Interest".

4 Select the desired search method.



A Select to search by name. (→P.74)

B Select to search by category. (→P.75)

C Select to search by phone number. (→P.76)

Searching by name

1 Select "Name".

2 Enter a POI name and select "Search".

3 Select the desired POI.

● Press the button on the Remote

Touch. The following buttons can be displayed.

"Change POI category": Select to search for POI from the category list. (→P.75)

"Enter a city name": Select to search for POI in the desired city. (→P.75)

- When entering the name of a specific POI, and there are 2 or more sites with the same name, the list screen will be displayed. Select the desired POI.

- To search for a facility name using multiple search words, put a space between each word.

Selecting a city to search

1. Press the button on the Remote Touch.
2. Select "Enter a city name".
3. Enter a city name and select "Search".

"Any City": Select to cancel the city setting.

4. Select the desired city name.
5. Select the desired POI.

Selecting from the categories

1. Press the button on the Remote Touch.
2. Select "Change POI category".
3. Select the desired category.

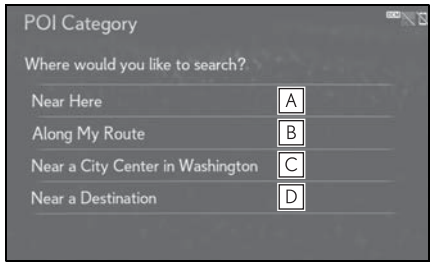
- If there is more than 1 detailed item of the selected category, the detailed list will be displayed.

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

4. Select the desired POI.

Searching by category

1. Select "Category".
2. Select the desired search point.



A Select to set the search point from near the current position.

B Select to search for POIs along the set route.

C Select to set the search point from near a city center. (→P.76)

D Select to set the search point from near a destination. When more than 1 destination has been set, a list will be displayed on the screen. Select the item to be set.

3. Select the desired POI category.

- If there is more than 1 detailed item of the selected category, the detailed list will be displayed.

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

"Favorite POI Categories": Select to use the 6 POIs that have been previously set. (→P.93)

4. Select the desired POI.

- The names of POIs located within approximately 200 miles (320 km) from the selected search point can be dis-

3 Navigation system

played. They are displayed up to 200 names.

When "Near a City Center in XX*" is selected

1 Select "Near a City Center in XX".

2 Enter a city name and select "Search".

"Last 5 Cities": Select the city name from the list of the last 5 cities.

3 Select the desired city name.

4 Select "OK" when the city center map screen is displayed.

5 Follow the steps from **3** onward in "Searching by category". (→P.75)

*: XX represents the selected search area name.

- If the navigation system has never been used, selecting the city name from "Last 5 Cities" will not be available.

Searching by phone number

1 Select "Phone #".

2 Enter a phone number and select "OK".

- If there is more than 1 site with the same number, the list screen will be displayed.

- If there is no match for the entered phone number, a list of identical numbers with different area codes will be displayed.

Searching by emergency

■ From the map screen

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

2 Select .

3 Follow the steps in "From the menu screen" from step **3**. (→P.76)

■ From the menu screen

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

2 Select "Destination".

3 Select "Emergency".

4 Select the desired emergency category.

5 Select the desired destination.

- The navigation system does not guide in areas where route guidance is unavailable. (→P.99)

Setting home/preset destination and displaying estimated arrival time on the map

After a while the engine switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>, the estimated arrival time will be displayed that is from current position to home and destination.
You can set the home and preset destination on the map.

1 Select the desired destination.

- A short while later after the engine switch <power switch> is in ACCES-

SORY or IGNITION ON mode <ON mode>, the display automatically switches to normal map screen.

- To use this function, it is necessary to register a home address or favorites list entry to the preset screen buttons (1-2). If a home or preset destinations have not been registered, the display switches to destination setting screen when you select the button. (→P.87, 88)
- The color of the button changes depending on the traffic information received.

2 The navigation system performs a search for the route and the entire route map is displayed. (→P.78)

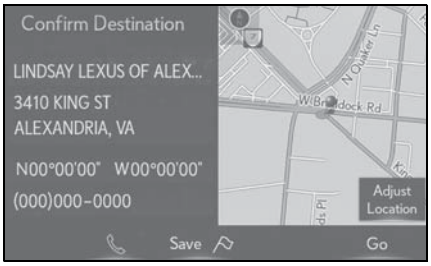
- When the destination is set, the function is not displayed.

Starting route guidance

When the destination is set, the confirm destination screen will be displayed.

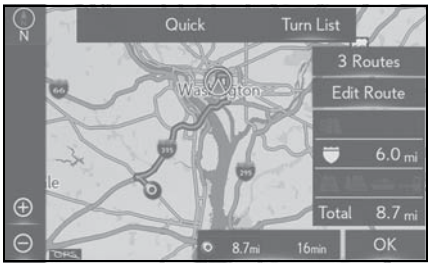
Starting route guidance

1 Select "Go" on the confirm destination screen.



- For details about this screen: →P.78

2 Select "OK" on the entire route map screen.



- For details about this screen: →P.78

- 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 (800 m),

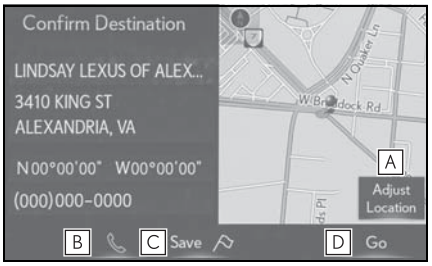
the map scale changes to 0.5 mile (800 m) automatically. If this occurs, set the destination again.

- 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.

WARNING

- 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.

Confirm destination screen



A Select to adjust the position in smaller increments. (→P.64)

B Select to call the registered number.

C Select to register as a memory point.

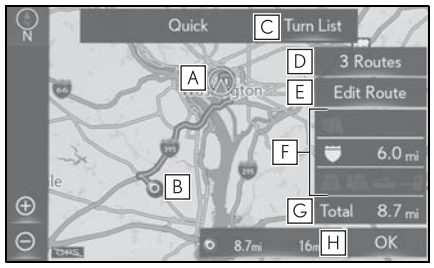
D Select to search for the route. (→P.77)

- If a destination has already been set, "Go Directly" and "Add to Route" will be displayed.

"Go Directly": Select to delete the existing destination(s) and set a new one.

"Add to Route": Select to add a destination.

Entire route map screen



A Current position

B Destination point

C Select to display a list of the turns required to reach the destination. (→P.79)

D Select the desired route from 3 possible routes. (→P.79)

E Select to change the route. (→P.79)

F Type of route and its distance

G Distance of the entire route

H Select to start guidance. Select and hold to start demo mode. (→P.78)

Starting demo mode

Before starting the route guidance, the demonstration of the route guidance can be viewed.

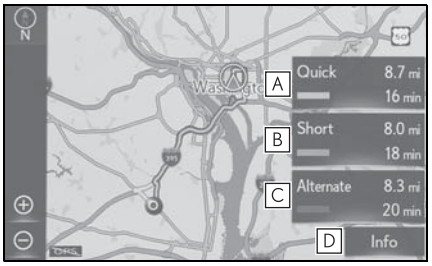
1 Select and hold "OK" on the entire route map screen until a beep sounds.

- Press the "MAP" button on the Remote Touch to end demo mode.

3 routes selection

1 Select “3 Routes”.

2 Select the desired route.



A Select to display the quickest route.

B Select to display the route that is the shortest distance to the set destination.

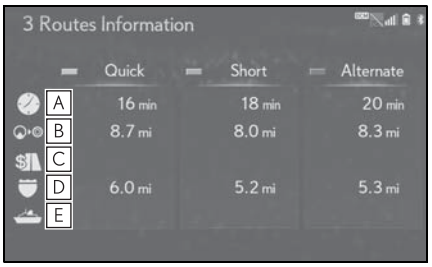
C Select to display the alternative route.

D Select to display the information about the 3 routes. (→P.79)

Displaying 3 routes information

1 Select “Info”.

2 Check that the “3 Routes Information” screen is displayed.



A Time necessary for the entire trip

B Distance of the entire trip

C Distance of the toll road

D Distance of the freeway

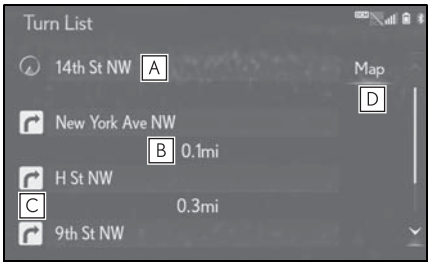
E Distance of the ferry trip

Displaying turn list

A list of turn information from the current position to the destination can be displayed.

1 Select “Turn List”.

2 Check that the turn list is displayed.



A Current street name

B Distance to the next turn

C Turn direction at the intersection

D Select to display the map of the selected point.

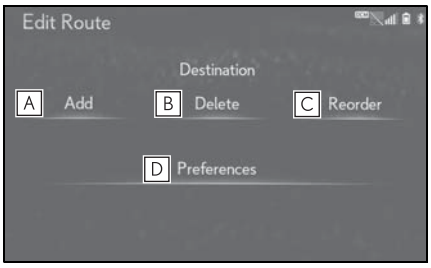
● However, not all road names on the route may appear on the list. If a road changes its name without requiring a turn (such as on a street that runs through 2 or more cities), the name change will not appear on the list. The street names will be displayed in order from the starting point, along with the distance to the next turn.

Editing route

Destinations can be added, reordered or deleted, and conditions for the route to the destination can be changed.

1 Select “Edit Route”.

2 Select the desired item.



A Select to add destinations. (→P.80)

B Select to delete destinations. (→P.80)

C Select to reorder destinations. (→P.80)

D Select to set route preferences. (→P.80)

- Even if the "Freeways" indicator is dimmed, the route cannot avoid including a freeway in some cases. (→P.80)
- 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.

Adding destinations

1 Select "Add".

2 Search for an additional destination in the same way as a destination search. (→P.71)

3 Select "Add Destination Here" to insert the new destination into the route.

Deleting destinations

1 Select "Delete".

2 Select "Yes" when the confirmation screen appears.

- When more than 1 destination has been set, a list will be displayed on the screen. Select the item(s) to be deleted.
- Press the button on the Remote Touch. The following buttons can be displayed.

"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.

Reordering destinations

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

1 Select "Reorder".

2 Select the desired destination and select "Move Up" or "Move Down" to change the arrival order. Then select "OK".

Setting route preferences

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

1 Select "Preferences".

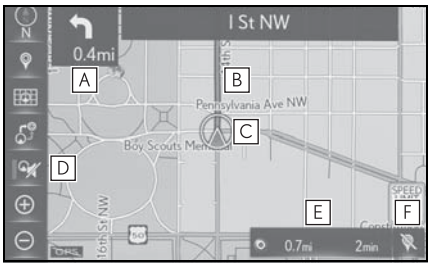
2 Select the desired route preferences and select "OK".

- When set to on, the indicator will illuminate.

Route guidance screen

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

Screen for route guidance



A Distance to the next turn and an arrow indicating the turning direction

B Guidance route

C Current position

D Select to mute the voice guidance.

E Route information

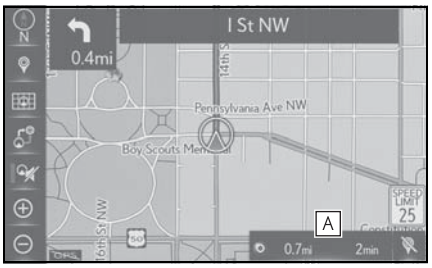
F Select to delete destinations. (→P.23)

- 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 upper part of the screen.
- When the head-up display is set to on, turn-by-turn guidance arrows will be displayed on the windshield.

Changing route information bar

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

1 Select the route information bar to change the display of the route information bar.



A Select to change the display between the estimated travel time and the estimated arrival time.

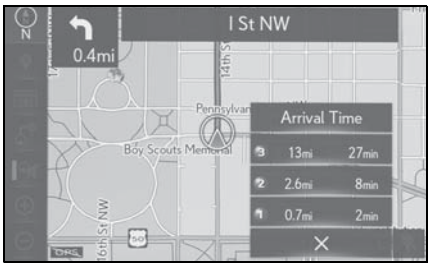
- When the vehicle is on the guidance route, the distance measured along the route is displayed. Travel time and arrival time are calculated based on the average speed for the specified speed limit.
- When the vehicle gets off the guidance route, the arrow facing the destination is displayed instead of the estimated travel/arrival time.
- The route information bar fills from left to right as the vehicle progresses on the route.

Distance and travel/arrival time

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 the route information bar.

2 Check that the list of the distance and time is displayed.



- By selecting one of the number buttons, the desired route information is displayed.

During freeway driving

During freeway driving, the freeway information screen can be displayed on the side display.

1 Select ‹ or › to display the "Freeway Exit List" screen on the side display.

A Distance from the current position to the road traffic facilities.

B Name of the road traffic facilities.

C POIs that are close to a freeway exit

D Select to display the selected map of the exit vicinity.

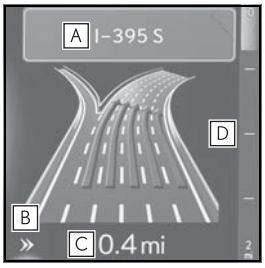
E Select to scroll to farther road traffic facilities.

F Select to scroll to closer road traffic facilities.

G Select to display the nearest road traffic facilities from the current position.

When approaching freeway exit or junction

When the vehicle approaches an exit or junction, the freeway guidance screen will be displayed on the side display.



A Next exit or junction name

B Select to hide the freeway guidance screen.

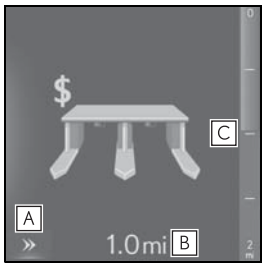
- To return to the freeway guidance screen, press the "MAP" button on the Remote Touch.

C Distance from the current position to the exit or junction

D Remaining distance bar to the guidance point

Tollgate guidance

When the vehicle approaches a tollgate, the tollgate view will be displayed on the side display.



A Select to hide the tollgate guidance screen.

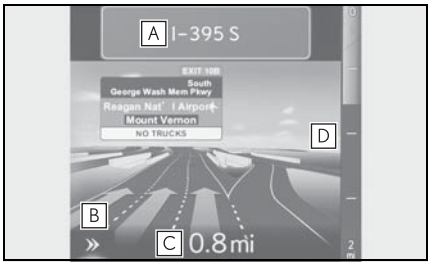
- To return to the tollgate guidance screen, press the "MAP" button on the Remote Touch.

B Distance from the current position to the tollgate

C Remaining distance bar to the guidance point

Real freeway junction view

When the vehicle approaches a junction, the junction view with signage will be displayed on the side display.



A Next junction or street name

B Select to hide the real freeway junction view.

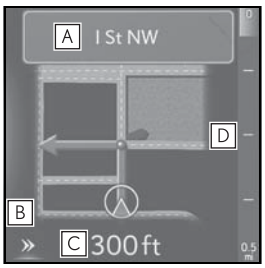
- To return to the real freeway junction view, press the "MAP" button on the Remote Touch.

C Distance from the current position to the next junction

D Remaining distance bar to the guidance point

When approaching intersection

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



A Next street name

B Select to hide the intersection guidance screen.

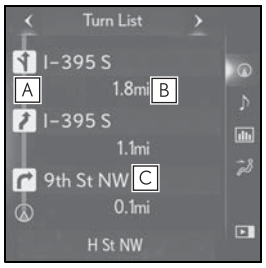
- To return to the intersection guidance screen, press the "MAP" button on the Remote Touch.

C Distance to the intersection

D Remaining distance bar to the guidance point

Turn list screen

1 Select ‹ or › to display the "Turn List" screen on the side display.



A Turn direction

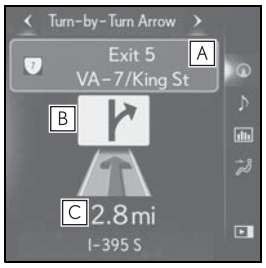
B Distance between turns

C Next street or destination name

Turn-by-turn arrow screen

On this screen, information about the next turn on the guidance route can be displayed on the side display.

1 Select ‹ or › to display the "Turn-by-Turn Arrow" screen on the side display.



A Exit number or street name

B Turn direction

C Distance to the next turn

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.

- If a voice guidance command cannot be heard, press the "MAP" button on the Remote Touch.
- To adjust the voice guidance volume: →P.55
- To mute the voice guidance: →P.81
- 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.

WARNING

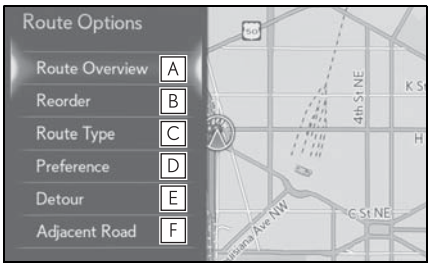
- Be sure to obey the traffic regulations and keep the road condition in mind especially when you are driving on IPD roads (roads that are not completely digitized in our database). The route guidance may not have the updated information such as the direction of a one way street.

Editing route

Displaying the edit route screen

1 Select on the map screen.

2 Select the item to be set.



A Select to display the overview of the entire route. (→P.85)

B Select to reorder destinations. (→P.85)

C Select to change route type. (→P.85)

D Select to set route preferences. (→P.85)

E Select to set detours. (→P.86)

F Select to start from adjacent road. (→P.86)

3 Check that the entire route map is displayed. (→P.78)

Route overview

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

1 Select on the map screen.

2 Select "Route Overview".

3 Check that the entire route map is displayed.

● For details about this screen: →P.78

Reordering destinations

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

1 Select on the map screen.

2 Select "Reorder".

3 Select the desired destination and select "Move Up" or "Move Down" to change the arrival order. Then select "OK".

Selecting route type

1 Select on the map screen.

2 Select "Route Type".

3 Select the desired route type.

● During driving, the route guidance starts after selecting the desired route type.

4 The entire route from the starting point to the destination is displayed.

● For details about this screen: →P.79

Setting route preferences

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

1 Select on the map screen.

2 Select "Preferences".

3 Select the desired route preferences and select "OK".

● When set to on, the indicator will illuminate.

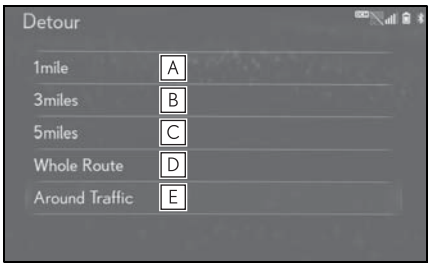
Detour setting

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 Select on the map screen.

2 Select "Detour".

3 Select the desired detour distance.



A Select to detour within 1 mile of the current position.

B Select to detour within 3 miles of the current position.

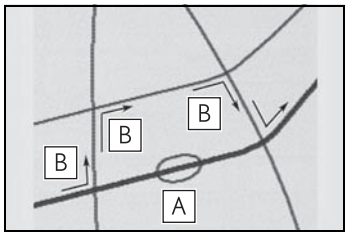
C Select to detour within 5 miles of the current position.

D Select to detour on the whole route.

E Select to make the system search for the route based on traffic congestion information received from traffic information.* (→P.68)

*: This function is not made available on some models.

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



A This position indicates the location of a traffic jam caused by road repairs, an accident, etc.

B This route indicates the detour suggested by the system.

● When the vehicle is on a freeway, 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.

Starting from adjacent road

When a freeway and a surface road run in parallel, the system may show the guidance route going on the freeway while driving on the surface road, or vice versa.

If this happens, you can instantly choose the adjacent road for the route guidance.

1 Select on the map screen.

2 Select "Adjacent Road".

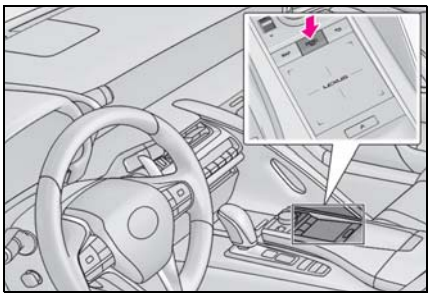
● When there is no adjacent road, this screen button will not be displayed.

Navigation settings

Home, favorites list entries, areas to avoid can be set as memory points. The registered points can be used as the destinations. (→P.71) Registered areas to avoid, will be avoided when the system searches for a route.

Displaying navigation settings screen

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

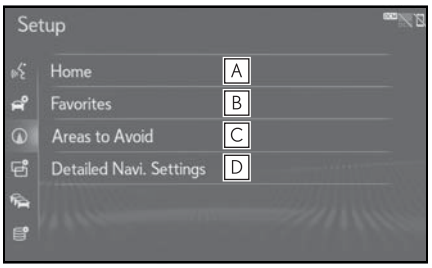


2 Select "Setup".

3 Select "Navigation" on the sub menu.

4 Select the desired item to be set.

Navigation settings screen



A Select to set home. (→P.87)

B Select to set the favorites list. (→P.88)

C Select to set areas to avoid. (→P.90)

D Select to set detailed navigation settings. (→P.92)

Setting up home

If home has been registered, that information can be recalled by selecting on the "Destination" screen. (→P.71)

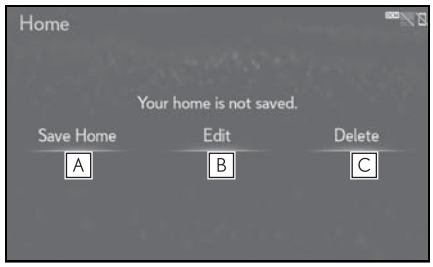
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Navigation" on the sub menu.

4 Select "Home".

5 Select the desired item to be set.



A Select to register home. (→P.87)

B Select to edit home. (→P.88)

C Select to delete home. (→P.88)

Registering home

1 Select "Save Home".

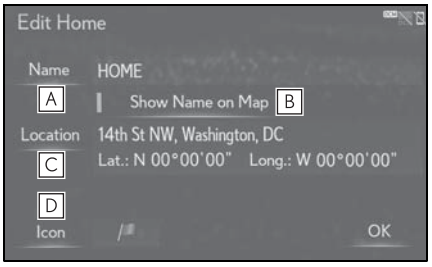
2 Select the desired item to search for the location. (→P.71)

3 Select "OK" when the editing home screen appears.

Editing home

1 Select "Edit".

2 Select the desired item to be edited.



A Select to edit the home name. (→P.89)

B Select to set display of the home name on/off.

C Select to edit location information. (→P.89)

D Select to change the icon to be displayed on the map screen. (→P.89)

3 Select "OK".

Deleting home

1 Select "Delete".

2 Select "Yes" when the confirmation screen appears.

Setting up favorites list

Points on the map can be registered.

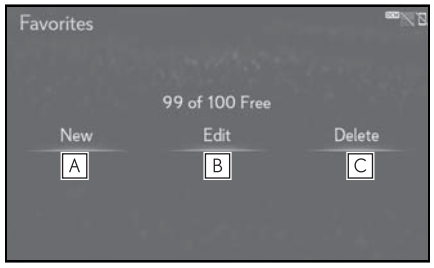
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Navigation" on the sub menu.

4 Select "Favorites".

5 Select the desired item.



A Select to register favorites list entries. (→P.88)

B Select to edit favorites list entries. (→P.88)

C Select to delete favorites list entries. (→P.90)

Registering favorites list entries

1 Select "New".

2 Select the desired item to search for the location. (→P.71)

3 Select "OK" when the editing favorites list screen appears. (→P.88)

● Up to 100 favorites list entries can be registered.

Editing favorites list entries

The icon, name, location and/or phone number of a registered favorites list

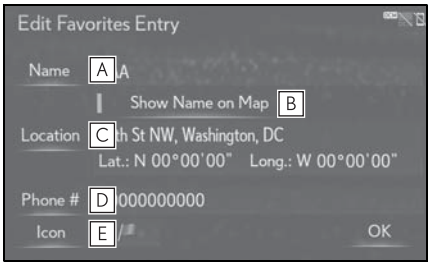
entry can be edited.

1 Select “Edit”.

2 Select the desired favorites list entry.

● Select star icon (grey) at the beginning of the desired favorites list entry to be registered in the preset destination buttons(1-2). (→P.76)

3 Select the item to be edited.



A Select to edit the favorites list entry name. (→P.89)

B Select to set display of the favorites list entry name on/off.

C Select to edit location information. (→P.89)

D Select to edit the phone number. (→P.89)

E Select to change the icon to be displayed on the map screen. (→P.89)

4 Select “OK”.

Changing the name

1 Select “Name”.

2 Enter a name and select “OK”.

Changing the location

1 Select “Location”.

2 Scroll the map to the desired point (→P.64) and select “OK”.

Changing phone number

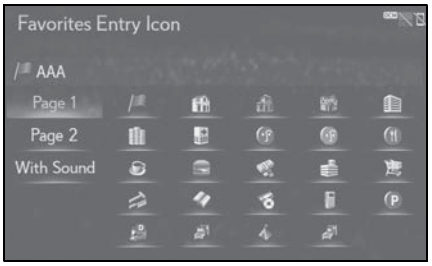
1 Select “Phone #”.

2 Enter the phone number and select “OK”.

Changing the icon

1 Select “Icon”.

2 Select the desired icon.



● Change pages by selecting the “Page 1”, “Page 2” or “With Sound”.

“With Sound”: Select the memory points with a sound

■ Changing the icon with sound

A sound for some favorites list entries can be set. When the vehicle approaches the location of the favorites list entry, the selected sound will be heard.

1 Select “With Sound”.

2 Select the desired sound icon.

: Select to play the sound.

● When “Bell (with Direction)” is

3

Navigation system

selected, select an arrow to adjust the direction and select "OK".

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

Deleting favorites list entries

1 Select "Delete".

2 Select the item to be deleted.

● Press the button on the Remote Touch. The following buttons can be displayed.

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

3 Select "Yes" when the confirmation screen appears.

Setting up areas to avoid

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

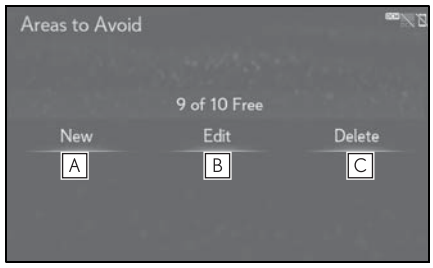
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Navigation" on the sub menu.

4 Select "Areas to Avoid".

5 Select the desired item.



A Select to register areas to avoid. (→P.90)

B Select to edit areas to avoid. (→P.91)

C Select to delete areas to avoid. (→P.91)

Registering areas to avoid

1 Select "New".

2 Select the desired item to search for the location. (→P.71)

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

4 Select "OK" when the editing area to avoid screen appears.

● 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.

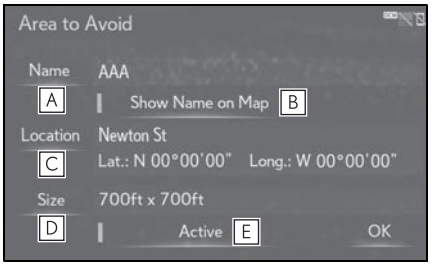
Editing areas to avoid

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.



A Select to edit the name of the area to avoid. (→P.91)

B Select to set display of the area to avoid name on/off.

C Select to edit area location. (→P.91)

D Select to edit area size. (→P.91)

E Select to set the area to avoid function on/off.

4 Select "OK".

Changing the name

1 Select "Name".

2 Enter a name and select "OK".

Changing the location

1 Select "Location".

2 Scroll the map to the desired point (→P.64) and select "OK".

Changing the area size

1 Select "Size".

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

Deleting areas to avoid

1 Select "Delete".

2 Select the area to be deleted.

● Press the ^^ button on the Remote Touch. The following buttons can be displayed.

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

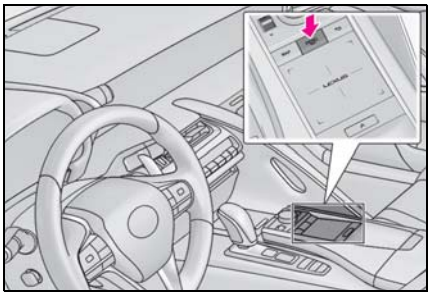
3 Select "Yes" when the confirmation screen appears.

Detailed navigation settings

Settings are available for auto hide buttons, favorite POI categories, low fuel warning, etc.

Displaying the detailed navigation settings screen

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

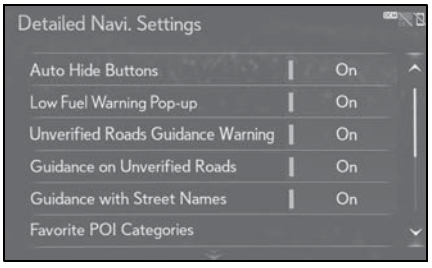


2 Select "Setup".

3 Select "Navigation" on the sub menu.

4 Select "Detailed Navi. Settings".

5 Select the items to be set.



Detailed navigation settings screen

● "Auto Hide Buttons"

Select to set the automatic screen button hiding function on/off. When set to on, certain screen buttons on the map screen will disappear several seconds after the Remote Touch has been operated. When set to off, all the screen buttons will always be displayed.

● "Low Fuel Warning Pop-up"

Select to set display of low fuel warning on/off. (→P.93)

● "Unverified Roads Guidance Warning"

Select to set unverified roads guidance warning on/off.

● "Guidance on Unverified Roads"

Select to set IPD road (roads that are not completely digitized in our database) guidance on/off.

● "Guidance with Street Names"

Select to set the voice guidance for the next street name on/off.

● "Favorite POI Categories"

Select to set favorite POI categories that are used for POI selection to display on the map screen. (→P.93)

● "Calibration"

Select to adjust the current position mark manually or to adjust miscalculation of the distance caused by tire replacement. (→P.93)

● "Automatic Destination List Info"

Select to set automatic destination list information on/off. When set to on, the estimated arrival time/distance from the current position on the map screen to home and the preset destination are displayed. This function can be done when engine switch <power switch> is turned to ACCESSORY or IGNITION ON mode <ON mode>.

● "Automatic Zoom"

Select to set the automatic zooming function on/off. (When the vehicle approaches a guidance point)

● "Map Color Customization"

Select to set the map color. (→P.94)

● "Map Flick"

Select to set drag/flick operation on the map screen on/off.

● "Restore the default settings"

Select to reset all setup items.

Low fuel warning

When Low fuel warning is on and the fuel level is low, a warning message will pop up on the screen.

1 Press the "MENU" button on the Remote Touch.
2 Select "Setup".
3 Select "Navigation" on the sub menu.
4 Select "Detailed Navi. Settings".
5 Select "Low Fuel Warning Pop-up".

● Each time the button is selected, "On" and "Off" are switched.

Searching gas station in low fuel warning

A nearby gas station can be selected as a destination.

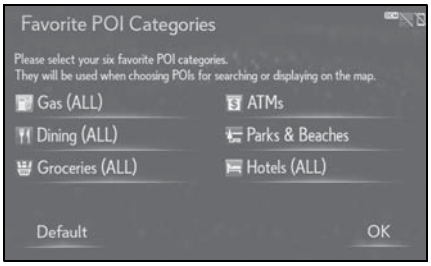
1 Select "Yes" when the low fuel warning appears.
2 Select the desired nearby gas station.
3 Select "Enter" to set as a destination.

"Info": Select to display gas station information. (→P.67)

Favorite POI categories (Select POI icons)

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

1 Press the "MENU" button on the Remote Touch.
2 Select "Setup".
3 Select "Navigation" on the sub menu.
4 Select "Detailed Navi. Settings".
5 Select "Favorite POI Categories".
6 Select the category to be changed.



"Default": Select to set the default categories.

7 Select the desired POI category.

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

8 Select the desired POI icon.

Current position/Tire change calibration

The current position mark can be adjusted manually. Miscalculation of

the distance caused by tire replacement can also be adjusted.

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

2 Select "Setup".

3 Select "Navigation" on the sub menu.

4 Select "Detailed Navi. Settings".

5 Select "Calibration".

6 Select the desired item.

● For additional information on the accuracy of a current position: →P.99

Position/Direction calibration

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.64) and select "OK".

3 Select an arrow to adjust the direction of the current position mark and select "OK".

Tire change calibration

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

1 Select "Tire Change".

● The message appears and the quick distance calibration starts automatically.

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

Map color customization

The desired map display color can be selected.

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

2 Select "Setup".

3 Select "Navigation" on the sub menu.

4 Select "Detailed Navi. Settings".

5 Select "Map Color Customization".

6 Select the desired item.

"Default": Select to set the default map color.

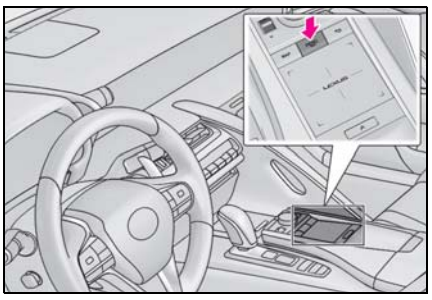
Traffic settings*

*: This function is not made available on some models.

Traffic information such as traffic congestion or traffic incident warnings can be made available.

Displaying the traffic settings screen

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

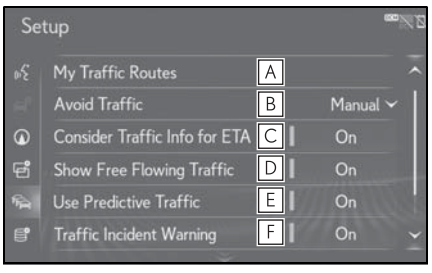


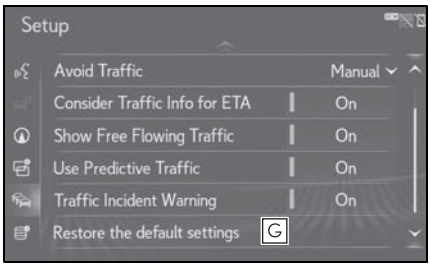
2 Select "Setup".

3 Select "Traffic" on the sub menu.

4 Select the items to be set.

Screen for traffic settings





A Select to set specific routes (such as frequently used routes) on which you wish to receive traffic information. (→P.95)

B Select to set the avoid traffic function auto/manual. (→P.98)

C Select to set the usage of traffic information for the estimated arrival time on/off.

D Select to set the display of an arrow of free flowing traffic on/off.

E Select to set to on/off whether to consider the predictive traffic information (→P.69) with estimated arrival time and detoured route search.

F Select to set traffic incident voice warning on/off.

G Select to reset all setup items.

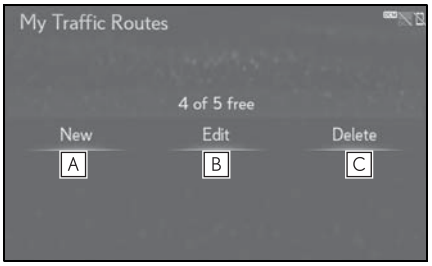
My traffic routes

Specific routes (such as frequently used routes) on which you wish to receive traffic information can be registered as "My Traffic Routes". A route is set by defining a start point and end point, and can be adjusted by setting up to 2 preferred roads.

1 Press the "MENU" button on the Remote Touch.
2 Select "Setup".
3 Select "Traffic" on the sub menu.
4 Select "My Traffic Routes".

● When any of "My Traffic Routes" is not registered, initial registering screen is displayed. After "Yes" is selected, register the route following the steps in "Registering personal routes" from step **2**.

5 Select the desired item.



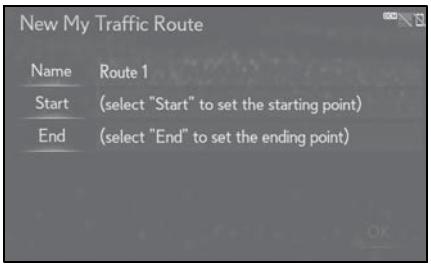
A Select to register personal routes. (→P.96)

B Select to edit personal routes. (→P.96)

C Select to delete personal routes. (→P.97)

Registering personal routes

1 Select "New".
2 Select "Name".



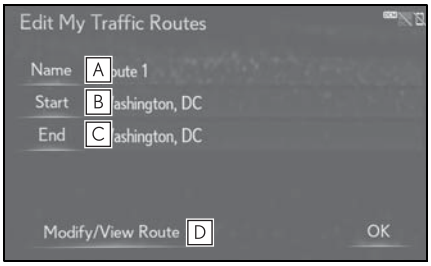
3 Enter the name and select "OK".
4 Select "Start".
5 Select the desired item to search for the location. (→P.71)
6 Select "End".
7 Select the desired item to search for the location. (→P.71)
8 Select "OK".

● The routes can be adjusted by setting preferred roads. (→P.97)

● Up to 5 routes can be registered.

Editing personal routes

1 Select "Edit".
2 Select the desired traffic route.
3 Select the item to be edited.



A Select to edit the name of the personal route. (→P.96)

B Select to edit start location.

(→P.96)

C Select to edit end location. (→P.96)

D Select to see and modify the entire route. (→P.97)

4 Select "OK".

● The entire route map will be displayed.

Deleting personal routes

1 Select "Delete".

2 Select the traffic route to be deleted and select "Delete".

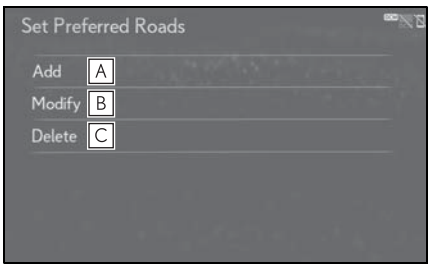
3 Select "Yes" when the confirmation screen appears.

Setting preferred roads

"My Traffic Routes" can be adjusted by setting up to 2 preferred roads.

1 Select "Set Preferred Roads".

2 Select the desired item.



A Select to add preferred roads. (→P.97)

B Select to modify preferred roads. (→P.97)

C Select to delete preferred roads. (→P.97)

■ Adding preferred roads

1 Select "Add".

● If two preferred roads are already set, select "Yes" and delete a preferred road before add a new one.

2 Scroll the map to the desired point and select "OK".

3 Select "OK" to use this road.

"Next": Select to change road.

4 Select "Add Here" for the desired location.

● If a preferred road is already set, a second preferred road can be added anywhere between the start point, the end point and the existing preferred road.

■ Modifying preferred roads

1 Select "Modify".

2 Select the preferred road to be modified if 2 preferred roads have been set.

3 Scroll the map to the desired point and select "OK".

4 Select "OK" to use this road.

"Next": Select to change road.

■ Deleting preferred roads

1 Select "Delete".

2 Select the preferred road to be deleted if 2 preferred roads have been set.

"Delete All": Select to delete all preferred roads on the list.

3 Select "Yes" when the confirmation screen appears.

Auto avoid traffic

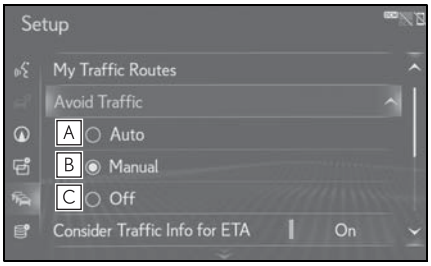
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Traffic" on the sub menu.

4 Select "Avoid Traffic".

5 Select the desired item.



A Select to automatically change routes when congestion information of the guidance route has been received.

B Select to select manually whether or not to change routes when congestion information of the guidance route has been received. In this mode, a screen will appear to ask if you wish to reroute.

C Select to not reroute when congestion information for the guidance route has been received.

Changing the route manually

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

1 Select the desired item.

"Yes": Select to start route guidance using the new route.

"View Map": Select to confirm the new route and current route on the map.

"No": Select to continue the current route guidance.

GPS (Global Positioning 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.

Limitations of the navigation system

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 300 ft. (100 m) can and should be expected. Generally, position errors will be corrected within a few seconds.

When the vehicle is not receiving signals from satellites, the unreceived GPS mark appears on the map screen. When the vehicle is receiving the signals, the unreceived GPS mark does not appear on the map 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 freeway and surface streets run in parallel.
  - After moving by ferry or vehicle carrier.
  - When a long route is searched during high speed driving.
  - When driving without setting the current position calibration correctly.
  - After repeating a change of 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 tire chains installed.
- When the tires are worn.
- After replacing a tire or tires.
- When using tires that are smaller or larger than the factory specifications.
- When the tire pressure in any of the 4 tires is not correct.

● If the vehicle cannot receive GPS signals, the current position can be adjusted manually. For information on setting the current position calibration: →P.93

● 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 tire: →P.94

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

Map database version and covered area

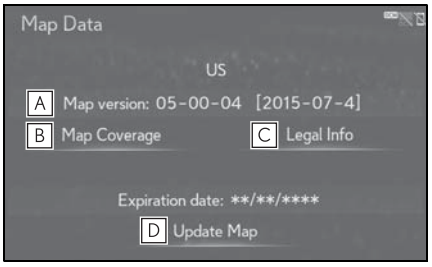
Coverage areas and legal information can be displayed and map data can be updated.

Map information

1 Select on the map screen.

2 Select “Map Data”.

3 Check that the map data screen is displayed.



A Map version

B Select to display map coverage areas.

C Select to display legal information.

D Select to update map.

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

4-1. Basic operation
Quick reference 104
Some basics 105
4-2. Radio operation
AM/FM/SiriusXM (SXM) radio 110
Internet radio 118
4-3. Media operation
CD 119
DVD 121
USB memory 123
iPod 126
Bluetooth® audio 128
AUX 131
4-4. Audio/visual remote controls
Steering switches 132
4-5. Setup
Audio settings 134
4-6. Tips for operating the audio/visual system
Operating information 140

Quick reference

Functional overview

The audio control screen can be reached by the following methods:

▶ Using the audio control switch

1 Press the "RADIO" or "MEDIA" button.

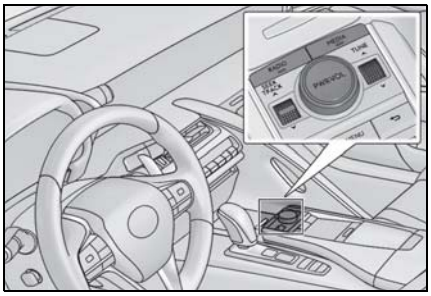
▶ Using the Remote Touch

1 Press the "MENU" button on the Remote Touch, then select "Radio" or "Media".

The audio functions can also be displayed and operated on the side display.
(→P.33)

■ **Control screen**

■ **Audio control switch**



- Using the radio (→P.110)
- Playing an audio CD or MP3/WMA/AAC disc (→P.119)
- Playing a DVD (→P.121)
- Playing a USB memory (→P.123)
- Playing an iPod® (→P.126)
- Playing a Bluetooth® device (→P.128)
- Using the AUX port (→P.131)
- Using the steering wheel audio switches (→P.132)
- Audio system settings (→P.134)

● The display and button positions will differ depending on the type of the system.

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 switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>.

■ Certification

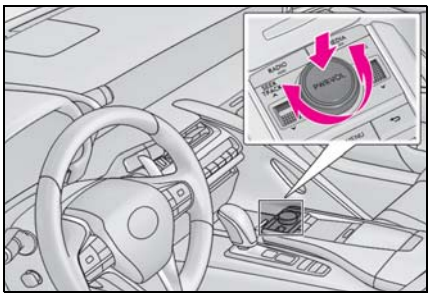
CAUTION:

THIS PRODUCT IS A CLASS I LASER PRODUCT. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR BY YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

⚠ 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 <hybrid system is not operating>.

Turning the system on and off



"PWR·VOL" 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.

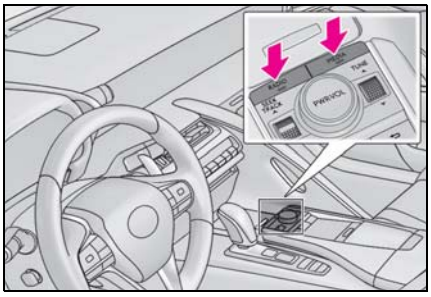
- A function that enables automatic return to the previous screen from the audio/visual screen can be selected. (→P.51)

Selecting an audio source

▶ Using the audio control switch

1 Display the audio control screen.

2 Each time the "RADIO" or "MEDIA" button is pressed, the audio source changes.



"RADIO" button: To change radio modes.

"MEDIA" button: To change media modes.

▶ From the audio source selection screen

1 Display the audio control screen.

2 Select "Source".

3 Select the desired source.

- Dimmed screen buttons cannot be operated.
- When there are two pages, select ❯ or ❮ to change the page.

4

Audio/visual system

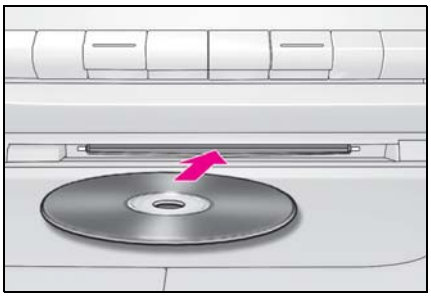
Reordering the audio source

1 Display the audio control screen.
2 Select “Source” on the sub menu.
3 Select “Reorder”.
4 Select the desired audio source then ⏪ or ⏩ to reorder.

Disc slot

■ Inserting a disc

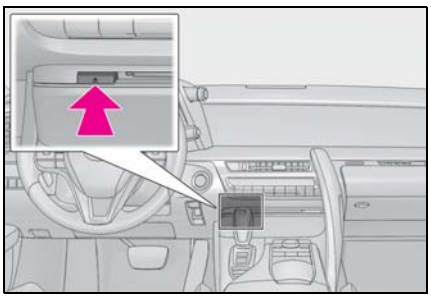
1 Insert a disc into the disc slot.



● After insertion, the disc is automatically loaded.

■ Ejecting a disc

1 Press the ⏏ button and remove the disc.



● 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.

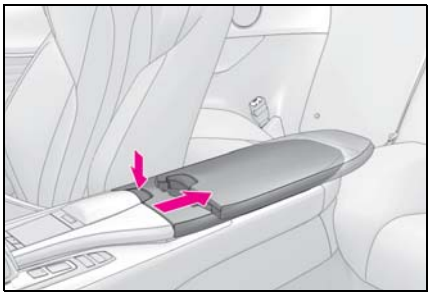
NOTICE

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

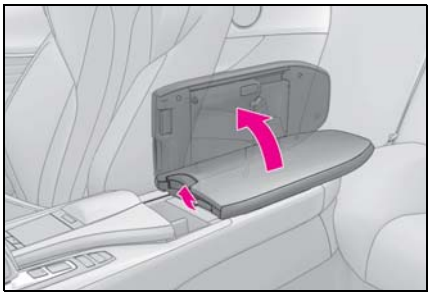
USB/AUX port

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

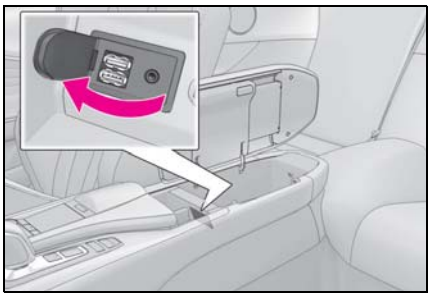
1 Slide the armrest as far back while pressing the button.



2 Lift the armrest while pulling the knob.



3 Open the cover and connect a device.



● Turn on the power of the device if it is not turned on.

● If 2 devices are connected to the USB ports, depending on the devices, both may not be able to be recognized by the system at the same time.

NOTICE

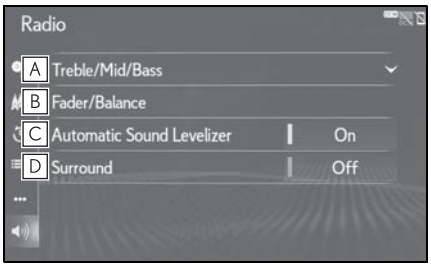
● Depending on the size and shape of the device that is connected to the system, the console box/auxiliary box may not close fully. In this case, do not forcibly close the console box/auxiliary box as this may damage the device or the terminal, etc.

Sound settings

1 Display the audio control screen.

2 Select "Sound" on the sub menu.

3 Select the desired switch to be set.



A Select to set the treble/mid/bass. (→P.107)

B Select to set the fader/balance. (→P.107)

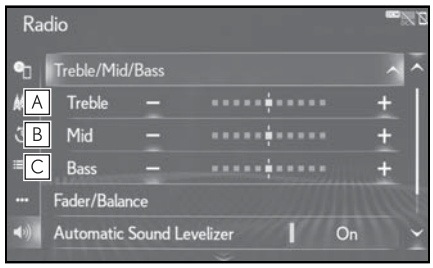
C The system adjusts to the optimum volume and tone quality according to vehicle speed to compensate for increased vehicle noise. (→P.108)

D This function can create a feeling of presence. (→P.108)

■ Treble/Mid/Bass

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.

1 Select the "Treble/Mid/Bass" and select the desired item to be set.



A Select "+" or "-" to adjust high-pitched tones.

B Select "+" or "-" to adjust mid-pitched tones.

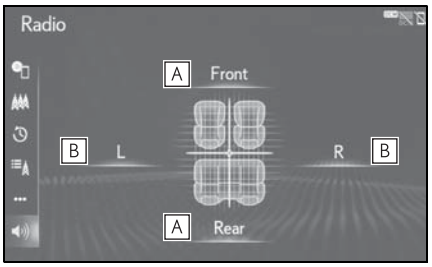
C Select "+" or "-" to adjust low-pitched tones.

■ Fader/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 "Fader/Balance" and select the desired item to be set.



A Select to adjust the sound balance between the front and rear speakers.

B Select to adjust the sound balance between the left and right speakers.

■ **Automatic sound levelizer**

The system adjusts to the optimum volume and tone quality according to vehicle speed to compensate for increased vehicle noise.

1 Select to set the automatic sound levelizer on/off.

■ **Surround**

This function can create a feeling of presence.

1 Select to set the surround on/off.

Audio screen adjustment

■ **Screen size settings**

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

▶ DVD video/USB video

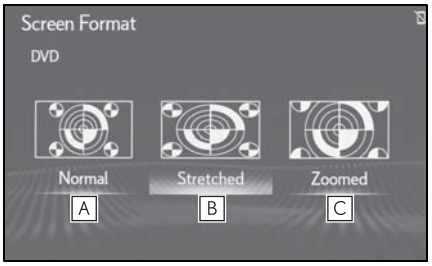
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Audio" on the sub menu.

4 Select "Common".

5 Select "Screen Format".



A Select to display a 4 : 3 screen, with either side in black.

B Select to enlarge the image horizontally and vertically to full screen.

C Select to enlarge the image by the same ratio horizontally and vertically.

■ **Contrast, brightness, color and tone adjustment**

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

▶ DVD video/USB video

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

2 Select "Setup".

3 Select "Audio" on the sub menu.

4 Select "Common".

5 Select "Display".

● "Color"

"R": Select to strengthen the red color of

the screen.

"G": Select to strengthen the green color of the screen.

● "Tone"

"+": Select to strengthen the tone of the screen.

"-": Select to weaken the tone of the screen.

● "Contrast"

"+": Select to strengthen the contrast of the screen.

"-": Select to weaken the contrast of the screen.

● "Brightness"

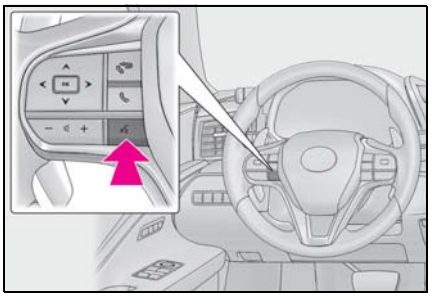
"+": Select to brighten the screen.

"-": Select to darken the screen.

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

Voice command system

1 Press this switch to operate the voice command system.



● The voice command system and its list of commands can be operated. (→P.154)

AM/FM/SiriusXM (SXM) radio

Overview

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

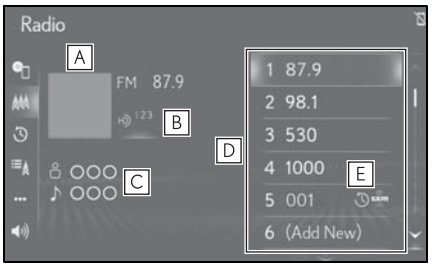
▶ Using the audio control switch

1 Press the "RADIO" button.

▶ Using the Remote Touch

1 Press the "MENU" button on the Remote Touch, then select "Radio".

Control screen



A Displays cover art (→P.134)

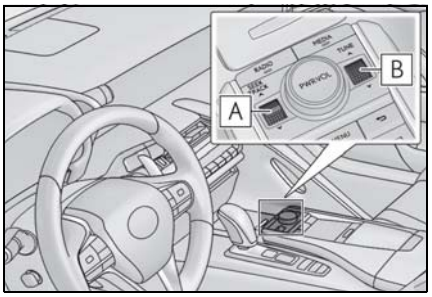
B Select to display HD) multicast channels available. (→P.113)

C Displays the artist info and song title or album and genre. Press to change the displayed information. Displays messages when available from RBDS (→P.112).

D Select to tune to preset stations/ channels. (→P.110)

E Displays items on the channels registered to smart favorites. (→P.116)

Audio control switch



A Turn to seek up/down.

B Turn to step up/down frequencies/ channels.
Turn to move up/down the list.

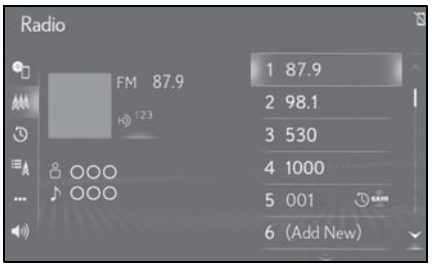
● The radio automatically changes to stereo reception when a stereo broadcast is received.

Presetting a station

Radio mode has a mix preset function, which can store up to 36 stations (6 stations per page x 6 pages) from any of the AM, FM or SXM bands.

1 Tune in the desired station.

2 Select "(add new)".



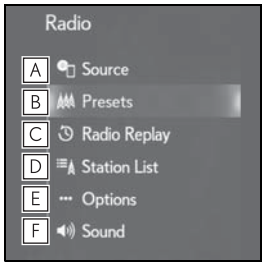
● To change the preset station to a different one, select and hold the preset station.

3 Select "Yes" on the confirmation screen.

4 Select "OK" after setting the new preset station.

● The number of preset radio stations displayed on the screen can be changed. (→P.135)

Sub menu



A Select to display the audio source selection screen. (→P.105)

B Select to display the preset station screen.

C Select to display the cache radio control screen. (→P.111)

D Select to display a list of receivable stations. (→P.112)

E Select to display the radio options screen. (→P.112)

F Select to display the sound setting screen. (→P.107)

Caching a radio program

A radio program can be cached and played back in a time-shifted manner.

■ Playing back the cache manually

The broadcast cached in the program cache can be played back manually.

It can also be played back automatically. (→P.112)

1 Select "Radio Replay" on the sub menu.

2 Select the desired cache radio operation button.

A Displays the replay offset from the current time

B Skips backward 2 minutes (AM/FM)
Select to select a track (SXM)

C Fast rewinds continuously

D Pauses the playback (To restart, select ▶)

E Fast forwards continuously

F Skips forward 2 minutes (AM/FM)
Select to select a track (SXM)

G Returns to the live radio broadcast

● The system can store up to 20 minutes of AM/FM and 60 minutes of SXM. Cached data will be erased when the radio mode or station is changed or when the audio system is turned off.

● If noise or silence occurs during the caching process, cache writing will continue, with the noise or silence recorded as is. In this case, the cached broadcast will contain the noise or silence when played back.

Selecting a station from the list

1 Select "Station List" on the sub menu.

2 Select "AM", "FM" or "SXM".

3 Select the desired station.

■ **Refreshing the station list (AM/FM)**

1 Select on the station list screen and the following screen will be displayed.

"Cancel Refresh": Select to cancel the refresh.

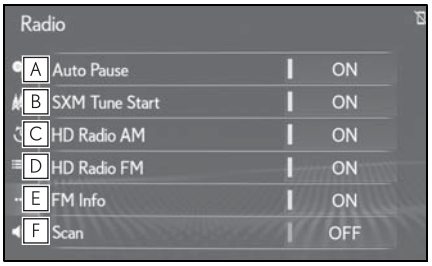
"Source": Select to change to another audio source while refreshing.

- The audio system sound is muted during refresh operation.
- In some situations, it may take some time to update the station list.

Radio options

1 Select "Options" on the sub menu.

2 Select the desired item to be set.



A Select to automatic playback of the cache on/off.

B When "SXM Tune Start" is turned on, the current song is played from the beginning when you select the channel.

C Select to turn digital AM Radio mode on/off.

D Select to turn digital FM Radio mode on/off.

E Analog FM only: Select to display RBDS text messages.

F Select to scan for receivable stations. (Type scan in case SXM is current audio mode)

■ **Automatic playback of the cache**

If the radio broadcast is interrupted by another audio output, such as an incoming phone call, the system will automatically cache the interrupted portion and perform time-shift playback when the interruption ends. To manually operate the cache operation: (→P.111)

Radio broadcast data system

This audio system is equipped with Radio Broadcast Data Systems (RBDS). RBDS mode allows text messages to be received from radio stations that utilize RBDS transmitters.

When RBDS is on, the radio can do the following functions.

- Only selecting stations of a particular program type
- Displaying messages from radio stations
- Searching for a stronger signal station

RBDS features are available only when listening to an FM station that broad-

casts RBDS information and the "FM Info" indicator is on.

Using HD Radio™ technology

HD Radio™ Technology is the digital evolution of analog AM/FM radio. Your radio product has a special receiver which allows it to receive digital broadcasts (where available) in addition to the analog broadcasts it already receives. Digital broadcasts have better sound quality than analog broadcasts as digital broadcasts provide free, crystal clear audio with no static or distortion. For more information, and a guide to available radio stations and programming, refer to www.hdradio.com.

HD Radio features included in Lexus radios:

- Digital Sound — HD Radio broadcasts deliver crystal-clear, digital audio quality to listeners.
- HD2/HD3 Channels — FM stations can provide additional digital only audio programming with expanded content and format choices on HD2/HD3 channels.
- PSD — Program Service Data (PSD) gives you on-screen information such as artist name and song title.
- Artist Experience — Images related to the broadcast are displayed on the radio screen, such as album cover art and station logos.

Certification

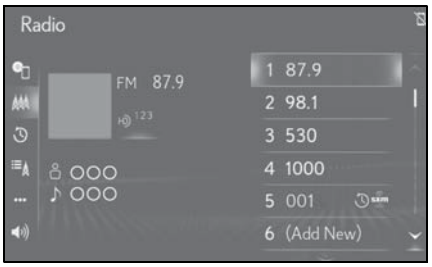
HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. HD Radio™ and the HD, HD Radio, and "Arc" logos are proprietary trademarks of iBiquity Digital Corp.

Available HD Radio™ technology

Multicast

On the FM radio frequency most digital stations have "multiple" or supplemental programs on one FM station.

1 Select the "HD)" logo.



2 Select the desired channel.

- Turning the "TUNE" knob can also select the desired multicast channel.

4 Audio/visual system

Troubleshooting guide

Experience

- Mismatch of time alignment- a user may hear a short period of programming replayed or an echo, stutter or skip.

Cause: The radio stations analog and digital volume is not properly aligned or the station is in ballgame mode.

Action: None, radio broadcast issue. A user can contact the radio station.

- Sound fades, blending in and out.

Cause: Radio is shifting between analog and digital audio.

Action: Reception issue, may clear-up as the vehicle continues to be driven. Turning the indicator of the "HD Radio AM" and "HD Radio FM" button off can force radio in an analog audio.

- Audio mute condition when an HD2/HD3 multicast channel had been playing.

Cause: The radio does not have access to digital signals at the moment.

Action: This is normal behavior, wait until the digital signal returns. If out of the coverage area, seek a new station.

- Audio mute delay when selecting an HD2/HD3 multicast channel preset.

Cause: The digital multicast content is not available until HD Radio™ broadcast can be decoded and make the audio available. This takes up to 7 seconds.

Action: This is normal behavior, wait for the audio to become available.

- Text information does not match the present song audio.

Cause: Data service issue by the radio broadcaster.

Action: Broadcaster should be notified. Complete the form; www.ibiquity.com/automotive/report_radio_station_experiences.

- No text information shown for the present selected frequency.

Cause: Data service issue by the radio broadcaster.

Action: Broadcaster should be notified. Complete the form; www.ibiquity.com/automotive/report_radio_station_experiences.

How to subscribe to SiriusXM Satellite Radio

To listen to a satellite radio broadcast in the vehicle, a subscription to the SiriusXM Satellite Radio service is necessary.

A SiriusXM Satellite Radio is a tuner designed exclusively to receive broadcasts provided under a separate subscription. Availability is limited to the 48 contiguous U.S. states and some Canadian provinces.

How to subscribe

It is necessary to enter into a separate service agreement with SiriusXM Satellite Radio in order to receive satellite broadcast programming in the vehicle. Additional activation and service subscription fees apply that are not included in the purchase price of the vehicle and digital satellite tuner.

- For complete information on subscription rates and terms, or to sub-

scribe to SiriusXM Satellite Radio:

▶ U.S.A.

Refer to www.siriusxm.com or call 1-877-447-0011.

▶ Canada

Refer to www.siriusxm.ca or call 1-877-438-9677.

● SiriusXM Radio Services — Descriptions

• Radio and Entertainment
SiriusXM offers more than 170 satellite radio channels of commercial-free music and premier sports, news, talk, and entertainment. SiriusXM is broadcast via satellites to millions of listeners across the continental United States. SiriusXM subscribers listen to SiriusXM on satellite radio receivers for the car, home, and portable use. More information about SiriusXM is available online at www.siriusxm.com (U.S.A.) or www.siriusxm.ca (Canada).

● SiriusXM Radio Services — Subscription Instructions

• For SiriusXM Services requiring a subscription (such as SiriusXM Satellite Radio), the following paragraph shall be included.
Required SiriusXM Radio monthly subscriptions sold separately after trial period. Subscription fee is consumer only. All fees and programming subject to change. Subscriptions are subject to the Customer Agreement available at www.siriusxm.com (U.S.A.) or www.siriusxm.ca (Canada) XM service only available in the 48 contiguous United States and 10 Canadian provinces. © 2011 Sirius XM Radio Inc. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All other marks, channel names and logos are the property of their respective owners.
For more information, program schedules, and to subscribe or extend subscription after complimentary trial period; more information is available at:
U.S.A. Customers:
Visit www.siriusxm.com or call 1-877-447-0011
Canadian Customers:
Visit www.siriusxm.ca or call 1-877-438-9677

● SiriusXM Satellite Radio is solely responsible for the quality, availability and content of the satellite radio services provided, which are subject to the terms and conditions of the SiriusXM Satellite Radio customer service agreement.

● Customers should have their radio ID ready; the radio ID can be found by tuning to "Ch 000" on the radio. For details, see (→P.116).

● All fees and programming are the responsibility of SiriusXM Satellite Radio and are subject to change.

NOTICE

● SiriusXM Satellite Radio Services — Legal Disclaimers and Warnings

• Fees and Taxes — Subscription fee, taxes, one time activation fee, and other fees may apply. Subscription fee is consumer only. All fees and programming subject to change. Subscriptions subject to Customer Agreement available at www.siriusxm.com (U.S.A.) or www.siriusxm.ca(Canada) SiriusXM service only available in the 48 contiguous United States and Canada. Explicit Language Notice — Channels with frequent explicit language are indicated with an "XL" preceding the channel name. Channel blocking is available for SiriusXM Satellite Radio receivers by notifying SiriusXM at;
U.S.A. Customers:
Visit www.siriusxm.com or calling 1-877-447-0011
Canadian Customers:
Visit www.siriusxm.ca or calling 1-877-438-9677

NOTICE

- It is prohibited to copy, decompile, disassemble, reverse engineer, hack, manipulate, or otherwise make available any technology or software incorporated in receivers compatible with the SiriusXM Satellite Radio System or that support the XM website, the Online Service or any of its content. Furthermore, the AMBE® voice compression software included in this product is protected by intellectual property rights including patent rights, copyrights, and trade secrets of Digital Voice Systems, Inc.
- Note: this applies to SiriusXM Satellite Radio receivers only and not XM Ready devices.

Satellite tuner technology notice

Lexus's satellite radio tuners are awarded Type Approval Certificates from SiriusXM Satellite Radio Inc. as proof of compatibility with the services offered by SiriusXM Satellite Radio.

- Satellite tuner
  The tuner supports only Audio Services (Music and Talk) and the accompanying Text Information of XM® Satellite Radio.

Displaying the radio ID

Each SiriusXM tuner is identified with a unique radio ID. The radio ID is required when activating an SiriusXM Satellite service or when reporting a problem.

- If "Ch 000" is selected using the "TUNE" switch, the ID code, which is 8 alphanumeric characters, will be displayed. If another channel is selected, the ID code will no longer be displayed. The channel (000) alternates between displaying the radio ID and the specific radio code.

Smart favorites

Up to 20 channels can be registered as presets in the cache. For channel registration, refer to (→P.134).

1. Select channels registered to smart favorites.
2. Select to "Radio Replay" on the sub menu.

- Caches the latest 30 minutes for each channel.
- The radio plays the track from start when that track has not previously been heard by the user and the station is registered as "Smart Favorite".
- Displays icons on the channels registered to smart favorites. (→P.110)

If the satellite radio tuner malfunctions

When problems occur with the SXM tuner, a message will appear on the screen. Referring to the table below to identify the problem, take the suggested corrective action.

Message	Explanation
"Check Antenna"	The SXM antenna is not connected. Check whether the SXM antenna cable is attached securely.
	A short circuit occurs in the antenna or the surrounding antenna cable. See a Lexus certified dealer for assistance.
"No Signal"	The SXM signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
"Channel Unavailable"	The channel you selected is not broadcasting any programming. Select another channel.
"Ch Unsubscribed"	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or "Ch 001". If it does not change automatically, select another channel.
"Subscription updated"	Subscription is updated. Select "OK" to clear this message.

● Contact the SiriusXM Listener Care Center at 1-877-447-0011 (U.S.A.) or 1-877-438-9677 (Canada).

Internet radio

One of Lexus Enform App Suite 2.0's features is the ability to listen to internet radio. In order to use this service, a compatible phone and the system needs to be set up. For details: →P.217

Listening to internet radio

1 Display the audio source selection screen.

2 Select the desired application screen button.

- The internet radio application screen is displayed.
- Perform operations according to the displayed application screen.
- For the instrument panel operation method and the Remote Touch operation method: →P.105

- Other applications can be activated while listening to internet radio.
- Some parts of applications can be adjusted using the switches on the steering wheel.
- For additional information, refer to http://www.lexus.com/enform/ or call 1-800-255-3987.

CD

Overview

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

▶ Using the audio control switch

1 Press the "MEDIA" button.

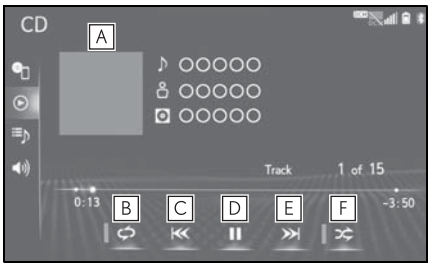
▶ Using the Remote Touch

1 Press the "MENU" button on the Remote Touch, then select "Media".

● Inserting a disc (→P.106)

Control screen

▶ Audio CD



A Displays cover art

B Select to set repeat playback. (→P.119)

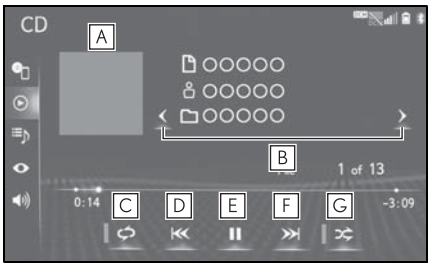
C Select to select a track/file. Select and hold to fast rewind.

D Select to play/pause.

E Select to select a track/file. Select and hold to fast forward.

F Select to set random playback. (→P.120)

▶ MP3/WMA/AAC disc



A Displays cover art

B Select to select a folder.

C Select to set repeat playback. (→P.119)

D Select to select a track/file. Select and hold to fast rewind.

E Select to play/pause.

F Select to select a track/file. Select and hold to fast forward.

G Select to set random playback. (→P.120)

Repeating

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

1 Select .

● Each time is selected, the mode changes as follows:

▶ Audio CD

• track repeat → off

▶ MP3/WMA/AAC disc

• file repeat → folder repeat → off*1

• file repeat → off*2

*1: When random playback is off

*2: When random playback is on

4

Audio/visual system

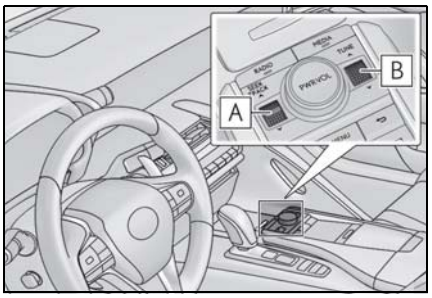
Random order

Tracks/files or folders can be automatically and randomly selected.

1 Select .

● Each time is selected, the mode changes as follows:
▶ Audio CD
• random (1 disc random) → off
▶ MP3/WMA/AAC disc
• random (1 folder random) → folder random (1 disc random) → off

Audio control switch



A Turn to select a track/file.
Turn and hold to fast forward/rewind.

B Turn to select a track/file.
Turn to move up/down the list.

● 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.

Sub menu

▶ Audio CD

A Select to display the audio source selection screen. (→P.105)

B Select to return to the control screen.

C Select to display the track list screen.

D Select to display the sound setting screen. (→P.107)

▶ CD-R/RW

A Select to display the audio source selection screen. (→P.105)

B Select to return to the control screen.

C Select to display a file list screen.

D Select to display a browse list.

E Select to display the sound setting screen. (→P.107)

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 switch <power switch> is in ACCESSORY or IGNITION ON mode <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. (→P.141)

Overview

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

▶ Using the audio control switch

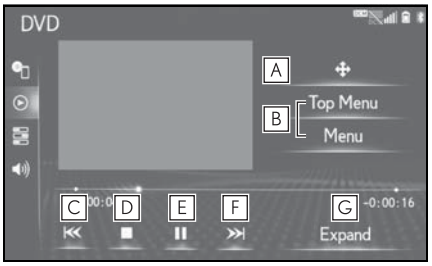
1 Press the "MEDIA" button.

▶ Using the Remote Touch

1 Press the "MENU" button on the Remote Touch, then select "Media".

● Inserting a disc (→P.106)

Control screen



A Select to display the menu control key.

B Select to display the menu screen.

C Select to select a chapter.
Select and hold to rewind.

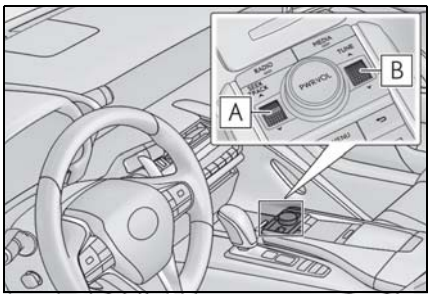
D Select to stop the video screen.

E Select to play/pause.

F Select to select a chapter.
During playback: Select and hold to fast forward.
During a pause: Select and hold to slow forward.

G Select to display expanded screen video.

Audio control switch



A Turn to select a chapter.
Turn and hold to fast forward/

4 Audio/visual system

rewind.

B Turn to select a chapter.

- 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.)
- If appears on the screen when a control is selected, the operation relevant to the control is not permitted.

WARNING

- 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.

Sub menu

A Select to display the audio source selection screen. (→P.105)

B Select to return to the control screen.

C Select to display the option screen. (→P.122)

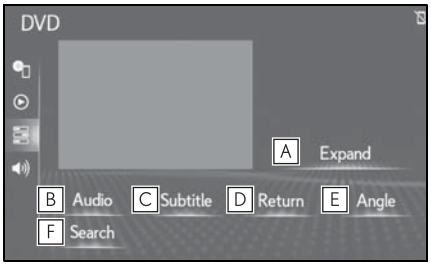
D Select to display the key code input screen.

E Select to display the sound setting screen. (→P.107)

DVD options

1 Select "Options" on the sub menu.

2 The following screen is displayed.



A Select to display expanded screen video.

B Select to display the audio language selection screen. (→P.122)

C Select to display the subtitle selection screen. (→P.123)

D Select to display the predetermined scene on the screen and start playing.

E Select to display the angle selection screen. (→P.123)

F Select to display the title search screen. (→P.123)

Changing the audio language

1 Select "Audio".

- Each time "Audio" is selected, the audio language is changed.

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

■ Changing the subtitle language

1 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”.

● Each time “Angle” is selected, the angle is changed.

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

■ Searching by title

1 Select “Search”.

2 Enter the title number and select “OK”.

● The player starts playing video for that title number.

USB memory

Overview

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

▶ Using the audio control switch

1 Press the “MEDIA” button.

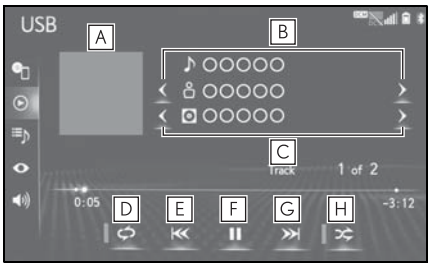
▶ Using the Remote Touch

1 Press the “MENU” button on the Remote Touch, then select “Media”.

● Connecting a USB memory (→P.106)

Control screen

▶ USB audio



A Displays cover art

B Select to select an artist.

C Select to select a folder/album.

D Select to set repeat playback. (→P.124)

E Select to select a file/track. Select and hold to fast rewind.

F Select to play/pause.

G Select to select a file/track. Select and hold to fast forward.

H Select to set random playback.

4 Audio/visual system

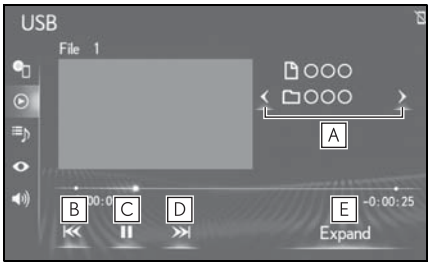
(→P.124)

▶ USB video

1 Select “Browse” on the sub menu.

2 Select “Videos”.

3 Select the desired folder and file.



A Select to select a folder.

B Select to select a file.
Select and hold to fast rewind.

C Select to play/pause.

D Select to select a file.
Select and hold to fast forward.

E Select to display expanded screen video.

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

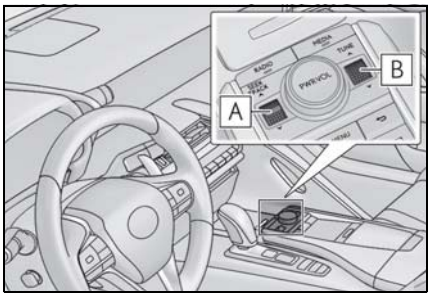
Random order

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

1 Select .

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

Audio control switch



A Turn to select a file/track.
Turn and hold to fast forward/rewind.

B Turn to select a file/track.
Turn to move up/down the list.

● If tag information exists, the file/folder names will be changed to track/album names.

WARNING

● 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 console box may not close fully. In this case, do not forcibly close the console box 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.

Sub menu

▶ USB audio

A Select to display the audio source selection screen. (→P.105)

B Select to return to the control screen.

C Select to display a file list screen.

D Select to display the play mode selection screen.

E Select to display the sound setting screen. (→P.107)

▶ USB video

A Select to display the audio source selection screen. (→P.105)

B Select to return to the control screen.

C Select to display a file list screen.

D Select to display the play mode selection screen.

E Select to display the sound setting screen. (→P.107)

iPod

Overview

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

▶ Using the audio control switch

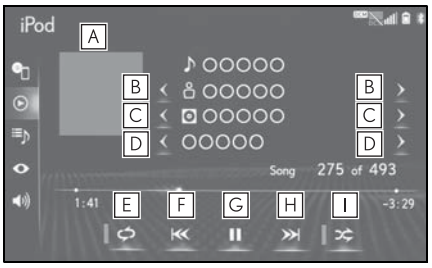
1 Press the "MEDIA" button.

▶ Using the Remote Touch

1 Press the "MENU" button on the Remote Touch, then select "Media".

● Connecting an iPod (→P.106)

Control screen



A Displays cover art

B Select to select an artist.

C Select to select an album.

D Select to select a playlist.

E Select to set repeat playback. (→P.126)

F Select to select a track.
Select and hold to fast rewind.

G Select to play/pause.

H Select to select a track.
Select and hold to fast forward.

I Select to set random playback. (→P.126)

Repeating

The track currently being listened to can be repeated.

1 Select .

● Each time is selected, the mode changes as follows:

▶ When shuffle is off (iPhone5 or later)
- file/track repeat → folder/album repeat → off

It depends on the models.

The operation may be different depending on iPod/iPhone.

▶ When shuffle is off (iPhone4S or earlier)
- file/track repeat → off

▶ When shuffle is on
- file/track repeat → off

Random order

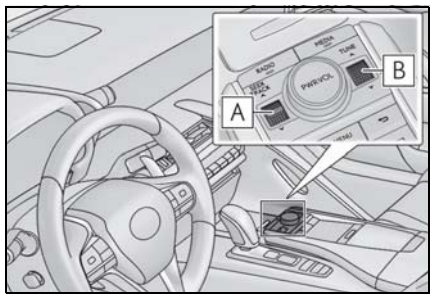
Tracks or albums can be automatically and randomly selected.

1 Select .

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

It depends on the model.

Audio control switch



A Turn to select a track.
Turn and hold to fast forward/rewind.

B Turn to select a track.
Turn to move up/down the list.

- When an iPod is connected using a genuine iPod cable, the iPod starts charging its battery.
- 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". (→P.134) 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 available.
- If an iPhone is connected via Bluetooth® and USB at the same time, system operation may become unstable. For known phone compatibility information, refer to http://www.lexus.com/enform/.
- The system may not function properly if a conversion adapter is used to connect a device.

WARNING

- 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 console box may not close fully. In this case, do not forcibly close the console box 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.

Sub menu

A Select to display the audio source selection screen. (→P.105)

B Select to return to the control screen.

C Select to display a file list screen.

D Select to display the play mode selection screen.

E Select to display the sound setting screen. (→P.107)

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®, a wireless data system capable of playing portable audio music without cables. If your device does not support Bluetooth®, the Bluetooth® audio system will not function.

Overview

The Bluetooth® audio control screen can be reached by the following methods:

▶ Using the audio control switch

1 Press the "MEDIA" button.

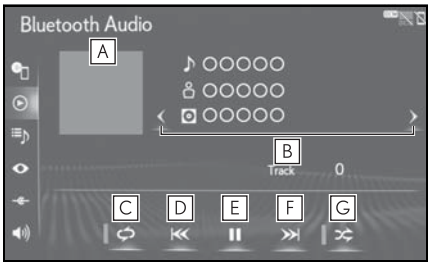
▶ Using the Remote Touch

1 Press the "MENU" button on the Remote Touch, then select "Media".

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 (→P.130)

Control screen



A Displays cover art

B Select to select an album.

C Select to set repeat playback. (→P.128)

D Select to select a track.
Select and hold to fast rewind.

E Select to play/pause.

F Select to select a track.
Select and hold to fast forward.

G Select to set random playback. (→P.128)

Repeating

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

1 Select .

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

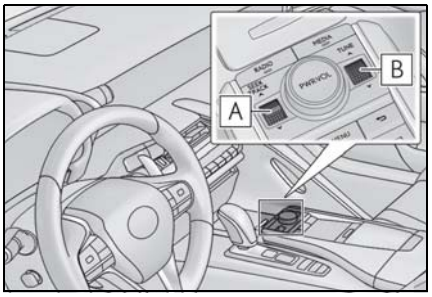
Random order

Tracks or albums can be automatically and randomly selected.

1 Select .

● Each time is selected, the mode changes as follows:
• album random → all track random → off

Audio control switch



A Turn to select a track.
Turn and hold to fast forward/rewind.

B Turn to select a track.
Turn to move up/down the list.

● 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 phone 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 switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>, the system automatically reconnects the portable player.
● 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. (→P.54)
● In some situations, sound output via the Bluetooth® audio system may be out of sync with the connected device or output intermittently.

WARNING

● Do not operate the player's controls or connect to the Bluetooth® audio system while driving.
● 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.

Connecting a Bluetooth® device

To use the Bluetooth® audio system, it is necessary to register a Bluetooth® device with the system.

▶ Registering an additional device

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

2 Select "Setup".

3 Select "Bluetooth*" on the sub menu.

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

4 Select "Add New Device".

5 For more information: →P.43

▶ Selecting a registered device

1 Select "Connect" on the sub menu.

2 Select the device to be connected.

Sub menu

A Select to display the audio source selection screen. (→P.105)

B Select to return to the control screen.

C Select to display a file list screen.

D Select to display the play mode selection screen.

E Select to display the portable device connection screen.

F Select to display the sound setting screen. (→P.107)

AUX

Overview

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

▶ Using the audio control switch

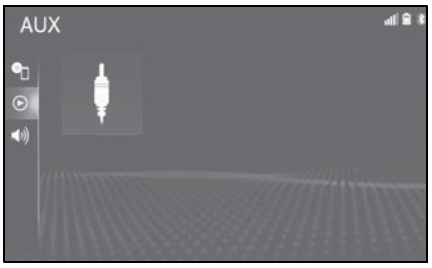
1 Press the "MEDIA" button.

▶ Using the Remote Touch

1 Press the "MENU" button on the Remote Touch, then select "Media".

● Connecting a device to the AUX port (→P.106)

Control screen



WARNING

● 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 console box may not close fully. In this case, do not forcibly close the console box 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.

Sub menu

A Select to display the audio source selection screen. (→P.105)

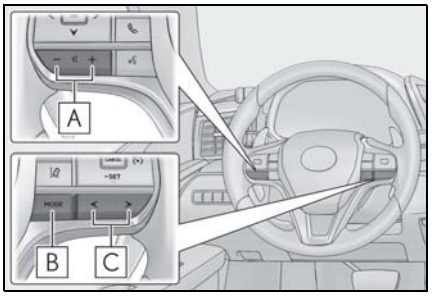
B Select to return to the control screen.

C Select to display the sound setting screen. (→P.107)

Steering switches

Steering switch operation

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



A Volume control switch

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

B "MODE" switch

Mode	Operation/function
AM, FM, SXM	Press: Change audio modes
	Press and hold (0.8 sec. or more): Pause
AUX	Press: Change audio modes
	Press and hold (0.8 sec. or more): Mute
CD, MP3/WMA/AAC disc, DVD, USB, iPod, Bluetooth® audio, APPS	Press: Change audio modes
	Press and hold (0.8 sec. or more): Pause

C "< >" switch

Mode	Operation/function
AM, FM, HD	Press: Preset station up/down
	Press and hold (0.8 sec. or more): Seek up/down continuously while the switch is being pressed
SXM	Press: Preset channel up/down
	Press and hold (0.8 sec. or more): Type seek up/down
	Press and hold (1.5 sec. or more): Fast up/down
CD	Press: Track up/down
	Press and hold (0.8 sec. or more): Fast forward/rewind
MP3/WMA/AAC disc	Press: File up/down
	Press and hold (0.8 sec. or more): Fast forward/rewind
DVD	Press: Chapter up/down
	Press and hold (0.8 sec. or more): Fast forward/rewind

Mode	Operation/function
USB	Press: File/Track up/down
	Press and hold (0.8 sec. or more): Fast forward/ rewind
iPod	Press: Track/File up/down
	Press and hold (0.8 sec. or more): Fast forward/ rewind
Bluetooth® audio	Press: Track up/down
	Press and hold (0.8 sec. or more): Fast forward/ rewind

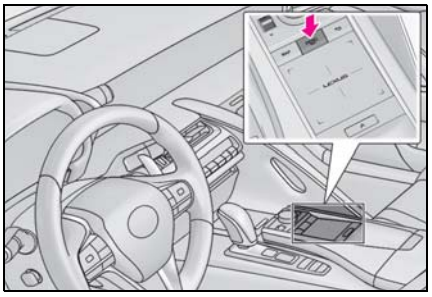
● In the APPS mode, some operation may be done on the screen depend on the selected APPS.

Audio settings

Detailed audio settings can be programmed.

Displaying the audio settings screen

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

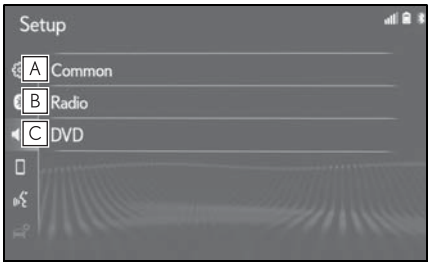


2 Select "Setup".

3 Select "Audio" on the sub menu.

4 Select the desired item to be set.

Audio settings screen



A Select to set the common settings. (→P.134)

B Select to set the radio settings. (→P.134)

C Select to set detailed DVD settings. (→P.135)

Common settings

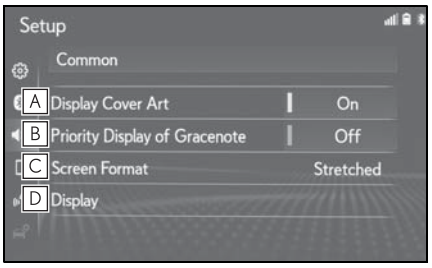
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Audio" on the sub menu.

4 Select "Common".

5 Select the desired item to be set.



A Select to set the cover art display on/off.

B Select to prioritize the display of information from the Gracenote database.

C Select to change the screen size.* (→P.108)

D Select to display the image quality adjustment screen.* (→P.108)

*: Only in DVD video or USB video mode.

Radio settings

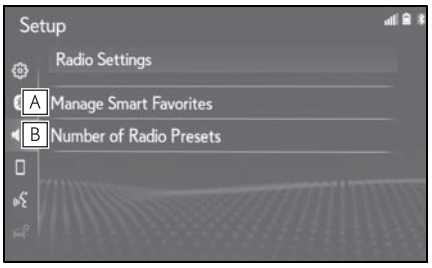
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Audio" on the sub menu.

4 Select "Radio".

5 Select the desired item to be set.



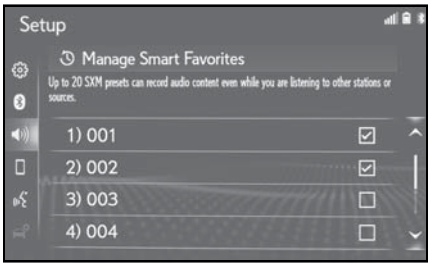
A Edit smart favorites. (→P.135)

B Select to change the number of preset radio stations displayed on the screen. (→P.135)

Manage smart favorites

1 Select "Manage Smart Favorites".

2 Select the desired channel to be set.

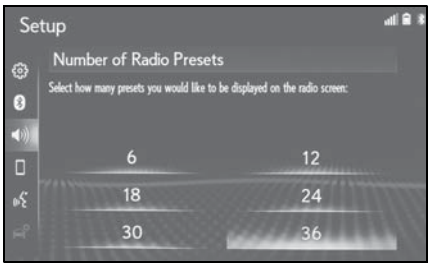


- Displays the registered preset channels.
- Up to 20 channels can be registered.

Setting the number of radio presets

1 Select "Number of Radio Presets".

2 Select the button with the desired number to be displayed.



DVD settings

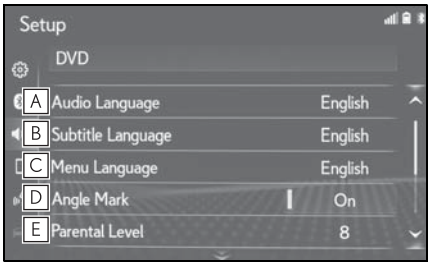
1 Press the "MENU" button on the Remote Touch.

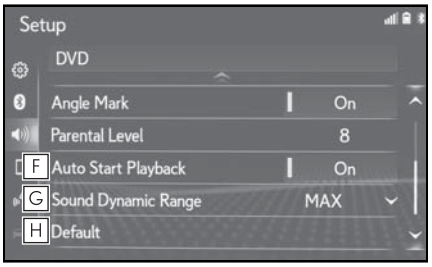
2 Select "Setup".

3 Select "Audio" on the sub menu.

4 Select "DVD".

5 Select the items to be set.





A Select to change the audio language. (→P.136)

B Select to change the subtitle language. (→P.136)

C Select to change the language of the DVD video menu. (→P.136)

D Select to set the angle mark on/off.

E Select to set the parental lock. (→P.136)

F Select to set the auto start playback on/off.
Discs that are inserted while the vehicle is in motion will automatically start playing. Certain discs may not play.

G Select to set a dynamic range. (→P.136)

H Select to initialize all menus.

Audio language

1 Select "Audio Language".
2 Select the desired language to be heard.

- If the desired language to be heard cannot be found on this screen, select "Other" and enter a language code. (→P.137)

Subtitle language

1 Select "Subtitle Language".
2 Select the desired language to be read.

- If the desired language to be read cannot be found on this screen, select "Other" and enter a language code. (→P.137)

Menu language

1 Select "Menu Language".
2 Select the desired language to be read.

- If the desired language to be read cannot be found on this screen, select "Other" and enter a language code. (→P.137)

Parental lock

1 Select "Parental Level".
2 Enter the 4-digit personal code.
3 Select a parental level (1-8).

Sound dynamic range

The difference between the lowest volume and the highest volume can be adjusted.

1 Select "Sound Dynamic Range".
2 Select "MAX", "MID" or "MIN".

Enter audio/subtitle/menu language

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
0514	English
1001	Japanese
0618	French
0405	German
0920	Italian
0519	Spanish
2608	Chinese
1412	Dutch
1620	Portuguese
1922	Swedish
1821	Russian
1115	Korean
0512	Greek
0101	Afar
0102	Abkhazian
0106	Afrikaans
0113	Amharic
0118	Arabic
0119	Assamese
0125	Aymara
0126	Azerbaijani
0201	Bashkir
0205	Belorussian
0207	Bulgarian
0208	Bihari
0209	Bislama
0214	Bengali, Bangla
0215	Tibetan
0218	Breton
0301	Catalan
0315	Corsican
0319	Czech
0325	Welsh
0401	Danish
0426	Bhutani
0515	Esperanto
0520	Estonian
0521	Basque
0601	Persian
0609	Finnish
0610	Fiji
0615	Faroese
0625	Frisian
0701	Irish
0704	Scottish-Gaelic
0712	Galician
0714	Guarani
0721	Gujarati
0801	Hausa
0809	Hindi
0818	Croatian
0821	Hungarian
0825	Armenian
0901	Interlingua
0905	Interlingue
0911	Inupiak

Code	Language
0914	Indonesian
0919	Icelandic
0923	Hebrew
1009	Yiddish
1023	Javanese
1101	Georgian
1111	Kazakh
1112	Greenlandic
1113	Cambodian
1114	Kannada
1119	Kashmiri
1121	Kurdish
1125	Kirghiz
1201	Latin
1214	Lingala
1215	Laotian
1220	Lithuanian
1222	Latvian, Lettish
1307	Malagasy
1309	Maori
1311	Macedonian
1312	Malayalam
1314	Mongolian
1315	Moldavian
1318	Marathi
1319	Malay
1320	Maltese
1325	Burmese
1401	Nauru

Code	Language
1405	Nepali
1415	Norwegian
1503	Occitan
1513	(Afan) Oromo
1518	Oriya
1601	Punjabi
1612	Polish
1619	Pashto, Pushto
1721	Quechua
1813	Rhaeto-Romance
1814	Kirundi
1815	Romanian
1823	Kinyarwanda
1901	Sanskrit
1904	Sindhi
1907	Sango
1908	Serbo-Croatian
1909	Sinhalese
1911	Slovak
1912	Slovenian
1913	Samoan
1914	Shona
1915	Somali
1917	Albanian
1918	Serbian
1919	Siswati
1920	Sesotho
1921	Sundanese
1923	Swahili

Code	Language
2001	Tamil
2005	Telugu
2007	Tajik
2008	Thai
2009	Tigrinya
2011	Turkmen
2012	Tagalog
2014	Setswana
2015	Tongan
2018	Turkish
2019	Tsonga
2020	Tatar
2023	Twi
2111	Ukrainian
2118	Urdu
2126	Uzbek
2209	Vietnamese
2215	Volapük
2315	Wolof
2408	Xhosa
2515	Yoruba
2621	Zulu

Operating 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.

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.

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 phone 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.

AM

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.

SiriusXM

- Cargo loaded on the roof luggage carrier, especially metal objects, may adversely affect the reception of SiriusXM Satellite Radio.
- Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

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.

WARNING

- The DVD player uses an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the player correctly.

DVD player

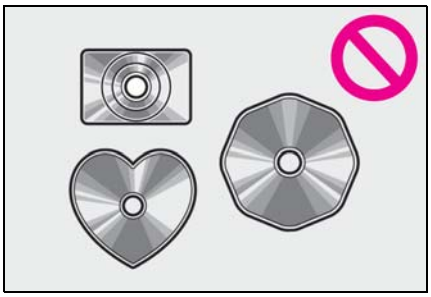
DVD logo is a trademark of DVD Format/Logo Licensing Corporation.

Audio CDs	
DVD video discs	
DVD-R/RW discs	

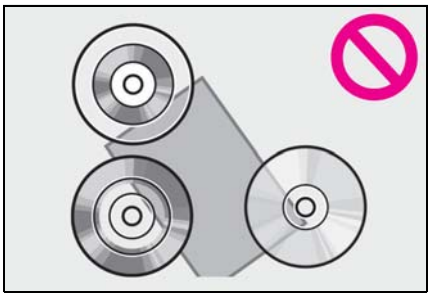
- Use only discs marked as shown above. The following products may not be playable on your player:

- SACD
- dts CD
- Copy-protected CD
- DVD-Audio
- Video CD
- DVD-RAM

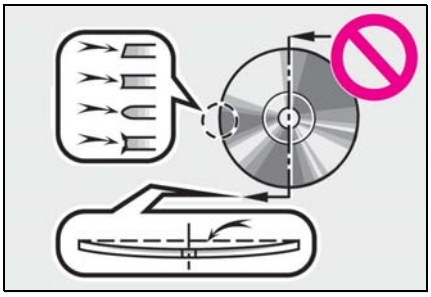
▶ Special shaped discs



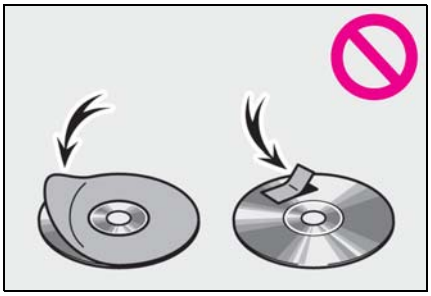
▶ Transparent/translucent discs



▶ Low quality discs

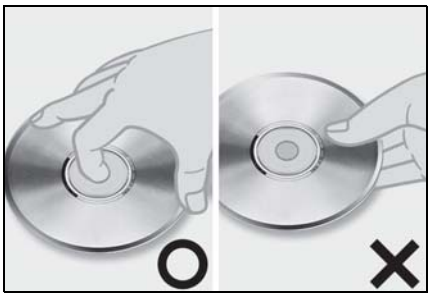


▶ Labeled discs

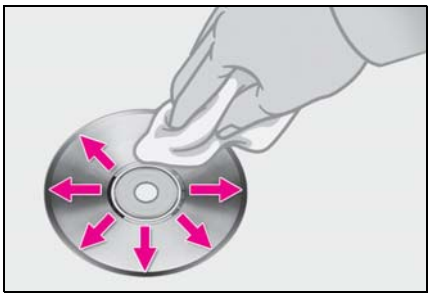


NOTICE

- 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 center 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 color 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
1	North America

▶ Marks shown on DVD video discs

NTSC/PAL	Indicates NTSC/PAL format of color TV.
	Indicates the number of audio tracks.

	Indicates the number of language subtitles.
	Indicates the number of angles.
	Indicates the screen to be selected. Wide screen: 16:9 Standard: 4:3
	Indicates a region code by which this video 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: (→P.143)

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 chap-

ters.

■ Certification

● Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories.

iPod

■ Certification

- "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 6s Plus, iPhone 6s, iPhone SE, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPod touch (5th and 6th 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 6s Plus, iPhone 6s, iPhone SE, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G, iPhone, iPod touch (1st through 6th generation), iPod classic, and iPod nano (1st through 7th generation).
- Bluetooth® technology works with iPhone 6s Plus, iPhone 6s, iPhone SE, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G, iPhone, iPod touch (2nd through 6th generation) and iPod nano (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 (6th generation)
- 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 (2nd generation)
- iPod nano (1st generation)
- iPhone 6s Plus
- iPhone 6s
- iPhone SE
- iPhone 6 Plus
- iPhone 6
- iPhone 5s
- iPhone 5c
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

● Depending on differences between models or software versions etc., some models might be incompatible with this system.

High-resolution sound source

This device supports high-resolution sound sources.

The definition of high-resolution is based on the standards of groups such as the CTA (Consumer Technology Association).

Supported formats and playable media are as follows.

■ **Supported formats**

WAV, FLAC, ALAC, OGG Vorbis

■ **Playable media**

USB

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 audio format

Compatible compressed files

■ **Compatible file format (audio)**

USB	DISC
MP3/WMA/AAC	MP3/WMA/AAC
WAV(LPCM)/ FLAC/ALAC/ OGG Vorbis	

■ **Folders in the device**

USB	DISC
Maximum 3000	Maximum 192

■ **Files in the device**

USB	DISC
Maximum 9999	Maximum 255

■ Files per folder

USB	DISC
Maximum 255	—

Corresponding sampling frequency

File type	Frequency (kHz)
MP3 files: MPEG 1 LAYER 3	32/44.1/48
MP3 files: MPEG 2 LSF LAYER 3	16/22.05/24
WMA files: Ver. 7, 8, 9*1 (9.1/9.2)	32/44.1/48
AAC files: MPEG4/AAC-LC	11.025/12/16/22.05/24/32/44.1/48
WAV (LPCM) files*2	8/11.025/12/16/22.05/24/32/44.1/48/88.2/96/176.4/192
FLAC*2	8/11.025/12/16/22.05/24/32/44.1/48/88.2/96/176.4/192
ALAC*2	8/11.025/12/16/22.05/24/32/44.1/48/64/88.2/96
OGG Vorbis*2	8/11.025/16/22.05/32/44.1/48

*1: Only compatible with Windows Media Audio Standard

*2: Sound source of 48kHz or more is down-converted to 48kHz/24bit.

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	8 - 320
OGG Vorbis	32-500

*1: Variable Bit Rate (VBR) compatible

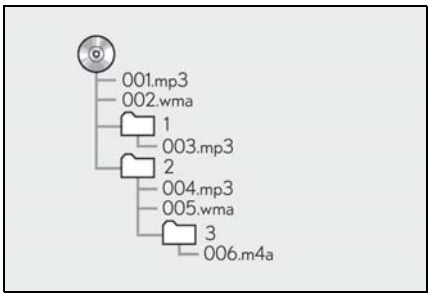
*2: Only compatible with Windows Media Audio Standard

File type	Quantization bit rate (bit)
WAV (LPCM) files	16/24
FLAC	
ALAC	

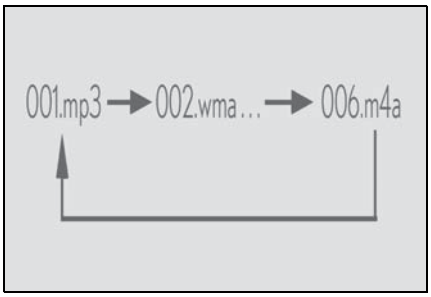
Compatible channel modes

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)
WAV (LPCM) / FLAC/ALAC/ OGG Vorbis	2CH

- 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 MP3-PRO 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.

Compatible video format

Format	Codec
MPEG-4	Video codec: • H.264|MPEG-4 AVC • MPEG4 Audio codec: • AAC • MP3 Corresponding screen size: • MAX 1920×1080 Corresponding frame rate: • MAX 60i/30p

Format	Codec
AVI Container	Video codec: • H.264|MPEG-4 AVC • MPEG4 • WMV9 • WMV9 Advanced profile Audio codec: • AAC • MP3 • WMA9.2 (7,8,9.1,9.2) Corresponding screen size: • MAX 1920×1080 Corresponding frame rate: • MAX 60i/30p
Windows Media Video	Video codec: • WMV9 • WMV9 Advanced profile Audio codec: • WMA9.2 (7,8,9.1,9.2) Corresponding screen size: • MAX 1920×1080 Corresponding frame rate: • MAX 60i/30p

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.

ID3 tag

- 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.

WMA tag

- 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.

■ 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.
- This product is protected by certain intellectual property rights of Microsoft Corporation and third parties. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary and third parties.

■ AAC

- AAC is short for Advanced Audio Coding and refers to an audio compression technology standard used with MPEG2 and MPEG4.

Error messages

■ CD/DVD

Message	Explanation
"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

Message	Explanation
"USB Error"	This indicates a problem in the USB memory or its connection.
"No music files found."	This indicates that no MP3/WMA/AAC files are included in the USB memory.
"No video files found."	This indicates that no video files are included in the USB memory.

■ iPod

Message	Explanation
“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.
“Please check the iPod firmware version.”	This indicates that the software version is not compatible. Perform the iPod firmware updates and try again.
“iPod authorization failed.”	This indicates that it failed to authorize the iPod. Please check your iPod.

■ Bluetooth® Audio

Message	Explanation
“Music tracks not supported. Please check your portable player.”	This indicates a problem in the Bluetooth® device.

● If the malfunction is not rectified: Take your vehicle to your Lexus dealer.

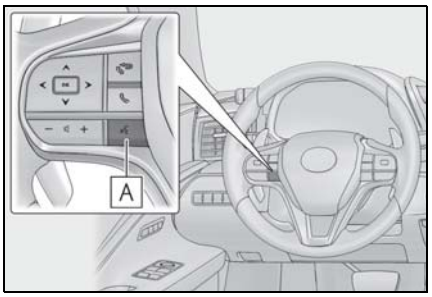
5-1. Voice command system operation
Voice command system..... 154
Command list 156
5-2. Mobile Assistant operation
Mobile Assistant..... 161

Voice command system

The voice command system enables the radio, phone dialing, etc. to be operated using voice commands. Refer to the command list for samples of voice commands. (→P.156)

Using the voice command system

■ Steering switch

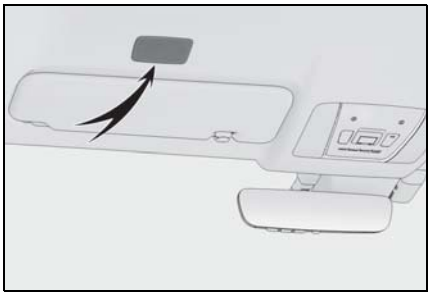


A Talk switch

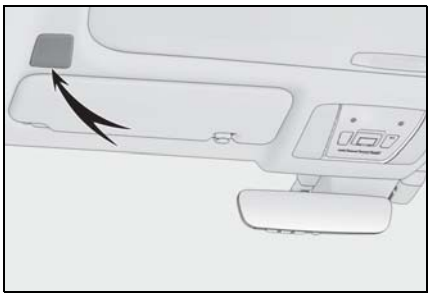
- Press the talk switch to start the voice command system.
- To cancel voice recognition, press and hold the talk switch.

■ Microphone

▶ Type A



▶ Type B



- It is unnecessary to speak directly into the microphone when giving a command.

- Voice 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 voice 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 voice 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.
- Normally, it is necessary to wait for the listening tone before speaking a command. If you want to talk over prompts and before the listening tone, the "Voice Prompt Interrupt" setting should be set to "On". (→P.55)
- This system may not operate immediately after the engine switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>.

NOTICE

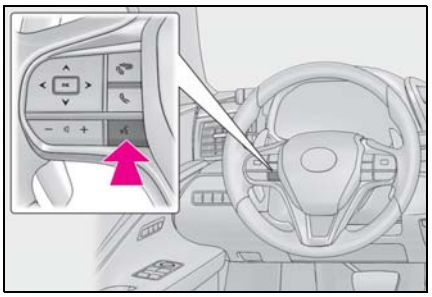
● Do not touch and put a sharp object to the microphone. It may cause failure.

Voice command system operation

The voice command system is operated by speaking commands corresponding to a supported function. You can see command examples for supported functions by selecting a function button on the side menu after starting a voice session.

Operation from the main menu

1 Press the talk switch.



- Voice guidance for the voice command system can be skipped by pressing the talk switch.

2 Say the desired command.

- Common commands are displayed on the screen. Selecting a side menu function button will show only commands for the function selected. Selecting the "More Commands" button will bring up a list with more commands to view.
- Saying "Help" prompts voice guidance to offer examples of commands and operation methods.
- Registered POIs, registered names in the contacts list etc., can be said in the place of the "<>" next to the commands. (→P.156)

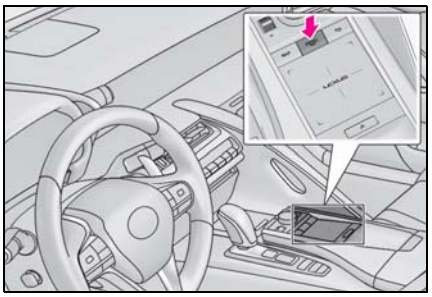
For example: Say "Find nearby dining", "Call John Smith" etc.

- If a desired outcome is not shown, or if no selections are available, say "Go back" to return to the previous screen.
- To cancel voice recognition, select .

- If the navigation system does not respond or the confirmation screen does not disappear, press the talk switch and try again.
- If a voice command cannot be recognized, voice guidance will say "Sorry, could you repeat that?" and voice command reception will restart.
- If a voice command cannot be recognized 3 consecutive times, voice recognition will be canceled.
- "Voice Recognition Prompts" can be set to on or off on the voice settings screen. (→P.55)
- 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.

Increasing the voice recognition performance

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



2 Select "Setup".

3 Select "Voice" on the sub menu.

4 Select "Train Voice Recognition".

- The user will be asked to say sample phrases. This will help the voice command system adapt to the user's accent.

Command list

Command list overview

Recognizable voice 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 screen. Also, according to conditions, other commands may not be displayed in the screen.
- The functions available may vary according to the system installed.
- Voice recognition language can be changed. (→P.51)

Command list

■ Common

Command	Action
"Help"	Prompts voice guidance to offer examples of commands or operation methods
"Go Back"	Returns to the previous screen
"Cancel"	Cancels the voice command system

Command	Action
“Start over”	Returns to top menu screen
“Pause”	Temporarily pauses a voice session until it is resumed by pressing the talk switch again.

■ **Top menu**

Command	Action
“Show <menu> commands”	Displays the command list of the selected menu
“More Commands”	Displays more commonly used commands
“Voice Settings”	Displays Voice Setting screen
“Train my voice”	Displays Train Voice Recognition screen*

*: Vehicle must be parked

■ **Navi**

Command	Action
“Get Directions to an Address”	Enables setting a destination by saying the address*1, 2
“Find a <POI category> nearby”	Displays a list of <POI>*3 near the current position
“Find a <POI category> near my destination”	Displays a list of <POI> near the destination
“Find a <POI category> in a city”	Displays a list of <POI> in a specified city and state*2
“Go Home”	Displays the route to home
“Go to Favorite <1-10>”	Displays the route to the said number of favorite destination
“Show Recent Destinations”	Displays recent destinations
“Cancel Route”	Cancels the route guidance
“Delete destinations”	Displays a list of destination to delete*4
“Show <POI category> icons”	Displays the specified point of interest category*3 icons on the map
“Destination Assist”	Connects the system to the Lexus response center

*1: Best recognition results occur when saying the full address without the zip-code

*2: When the language is set to french, the supported area is only Quebec Province in Canada

*3: Major national brands and categories are supported.
For example; “Gas stations”, “Restaurants”, etc.

*4: Used when multiple destinations are set on a route

■ Phone

Command	Action
"Call <contacts>"	Places a call to the specified contact from the phone book
"Call <contacts> <phonetypes>"	Places a call to the specified phone type of the contact from the phone book
"Dial <phone number>"	Places a call to the specified phone number
"Redial"	Places a call to the phone number of the latest outgoing call
"Call Back"	Places a call to the phone number of latest incoming call
"Show Recent Calls"	Displays the call history screen
"Send a message to <contacts>"	Sends a text message to specified contact from the phone book

■ While in a phone call

Command	Action
"Send <digits>"	Sends DTMF tones has specified
"Mute"	Mutes the microphone (far side cannot hear the conversation)
"Unmute"	Unmutes the microphone

■ While incoming message notification is displayed

Command	Action
"Read Message"	Reads the incoming message over the vehicle speakers
"Ignore"	Ignores the incoming message notification
"Reply"	Initiates sending a reply to the incoming message
"Call"	Places a call to the phone number of incoming message

■ Radio

Command	Action
"Tune to <frequency> AM"	Changes the radio to the specified AM frequency
"Tune to <frequency> FM"	Changes the radio to the specified FM frequency
"Play a <genre> station"	Changes the radio to an FM station of the specified genre
"Tune to preset <1-36>"	Changes the radio to the specified preset radio station
"Tune to a <genre> satellite station"	Changes the radio to a satellite radio channel of the specified genre

Command	Action
"Tune to <satellite channel name> on XM"	Changes the radio to the satellite radio channel with the specified name
"Tune to channel <number> on XM"	Changes the radio to a satellite radio channel of the specified number

■ Audio*

Command	Action
"Play Playlist <name>"	Plays tracks from the selected playlist
"Play Artist <name>"	Plays tracks from the selected artist
"Play Song <name>"	Plays the selected track
"Play Album <name>"	Plays tracks from the selected album
"Play Genre <name>"	Plays tracks from the selected genre
"Play Composer <name>"	Plays tracks from the selected composer
"Play Podcast <name>"	Plays tracks from the selected podcast
"Play Audiobook <name>"	Plays tracks from the selected audiobook
"Audio On"	Turns the audio system on
"Audio Off"	Turns the audio system off
"Change the audio source to <source name>"	Sets the source to the specified audio mode

*: The audio device must be connected via a USB cable to use the functionality in this section

■ Info

Command	Action
"Get the Forecast"	Displays weather information
"Get the Forecast for <city>"*	Displays weather for the specified city
"Show Traffic"	Displays traffic information
"Show Traffic near here"	Displays traffic information near your current location
"Show Traffic along route"	Displays traffic information along your current route
"Show Traffic on this street"	Displays traffic information along road you are currently driving on
"Show Traffic for saved route"	Displays traffic information for a saved route
"Show Predictive Traffic"	Displays the predictive traffic map

*: Only major US cities are supported by voice

■ Apps

Command	Action
"Launch <apps>"	Activates the Lexus Enform App Suite 2.0 application

5 Voice command system

■ Climate

Command	Action
"Turn the AC on/ Turn the AC off"	Turns air conditioning system on or off
"Change the Fan speed to <#>"	Changes the set fan speed of the air conditioning system to <#>
"Set temperature to <#> degrees"	Changes the set temperature of the air conditioning system to <#> degrees*
"Increase Temperature/ Decrease Temperature"	Increases or decreases the temperature of the air conditioning system
"Increase Fan speed/Decrease Fan Speed"	Increases or decreases the fan speed of the air conditioning system
"Show the front HVAC screen"	Displays the screen to control the air conditioning or seat heating system
"Show the steering heater screen"	Displays the screen to control the air conditioning or seat heating system
"Show the front seat heater screen"	Displays the screen to control the air conditioning or seat heating system
"Show the Lexus concierge screen"	Displays the screen to control the air conditioning or seat heating system
"Concierge Mode On"	Turns Concierge Mode ON

*: Only within the possible temperature range of the air conditioning system

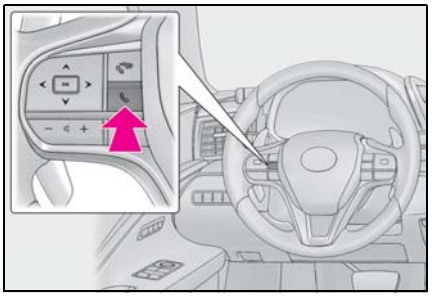
● Commands relating to operation of the audio/visual and air conditioning systems can only be performed when the audio and air conditioning systems are turned on.

Mobile Assistant

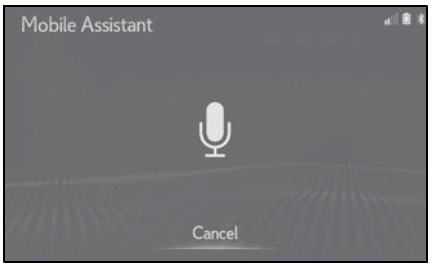
The Mobile Assistant function is a voice input assist function. Mobile Assist supports the Siri Eyes Free Mode and Google App. When facing the microphone and instructions are spoken as if speaking on the phone, the contents are interpreted and the system moves to correspond. The system responds by voice. To operate the Mobile Assistant, a compatible device must be registered and connected to this system via Bluetooth®. (→P.38)

Mobile Assistant operation

1 Press and hold this switch until "Mobile Assistant" screen is displayed.



2 The Mobile Assistant can be used only when the following screen is displayed.



- To cancel the Mobile Assistant, select "Cancel" or press and hold the on the steering wheel.
- To restart the Mobile Assistant for additional commands, press the on the steering wheel.

• Mobile Assistant can only be restarted after the system responds to a voice command.

• After some phone and music commands, the Mobile Assistant feature will automatically end to complete the requested action.

- The volume of the Mobile Assistant can be adjusted using the "PWR·VOL" knob or steering wheel volume control switches. The Mobile Assistant and phone call volumes are synchronized.

- The available features and functions may vary based on the iOS/Android OS version installed on the connected device.
- If the user uses Siri play song feature and the iPhone is not selected as current audio source the song will start playing only on the iPhone.
- While a phone call is active, the Mobile Assistant cannot be used.
- If using the navigation feature of the cellu-

lar phone, ensure the active audio source is Bluetooth® audio or iPod in order to hear turn by turn direction prompts.

- Wait for the listening beeps before using the Mobile Assistant.
- The Mobile Assistant may not recognize commands in the following situations:

• Spoken too quickly.
• Spoken at a low or high volume.
• The roof or windows are open.
• Passengers are talking while the Mobile Assistant is being used.
• The air conditioning speed is set high.
• The air conditioning vents are turned toward the microphone.

6-1. Information display
Receiving weather information 164
Data services settings..... 165

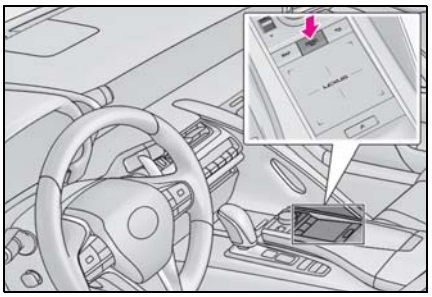
Receiving weather information*

*: This function is not made available on some models.

Weather information can be received via HD Radio broadcast or via DCM

Displaying weather information

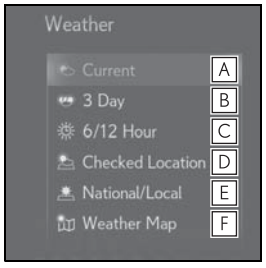
1 Press the "MENU" button on the Remote Touch.



2 Select "Info".

3 Select "Weather".

4 Check that the "Weather" screen is displayed.



A Select to display the weather of the current location. (→P.164)

B Select to display the weather of the 3 days forecast. When a specific day is selected, weather information for that day will be displayed.

C Select to display the weather of the local 6/12 hours forecast. When a specific time is selected, weather information for that time will be displayed.

D Select to display the weather of a desired location in the recently checked locations list.

E Select to display the weather of a desired location in the national cities list or the other local cities list.

F Select to display Doppler weather radar information over the map.

Displaying the weather of the current location

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

2 Select "Info".

3 Select "Weather".

4 Select "Current".

5 Select the desired tab to be displayed.

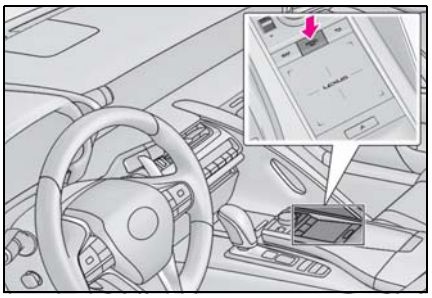
Data services settings*

*: This function is not made available on some models.

Data service information, which is comprised of traffic information and weather information, can be received via HD Radio broadcast and via DCM. The receiving method can be set to both or only via HD Radio broadcast.

Setting download methods

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

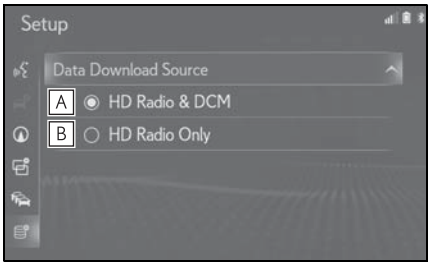


2 Select "Setup".

3 Select "Data Services".

4 Select "Data Download Source".

5 Select the desired item to be set.



A Select to receive data service information via both HD Radio broadcast and via DCM. When both methods are available, HD Radio broadcast will be selected.

B Select to receive data only via HD Radio broadcast.

7-1. **Lexus parking assist monitor**

Lexus parking assist monitor . 168
Estimated course line display mode . 170
Parking assist guide line display mode . 172
Lexus parking assist monitor precautions . 173
Things you should know . 177

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 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.

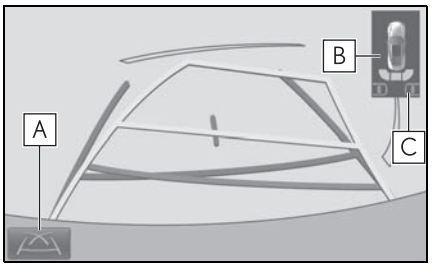
⚠ WARNING

- 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.
- 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 tire chains or emergency tires
  - 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 tire 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. (→P.174)

Screen display

The parking assist monitor screen will

be displayed if the shift position is shifted to the "R" while the engine switch <power switch> is in IGNITION ON mode <ON mode>.



A Display mode switch screen button

Switches the guide line display mode.

B Intuitive parking assist

If an obstacle is detected while the intuitive parking assist is on, a display is shown in the top right corner of the screen.

C Rear Cross Traffic Alert

When the rear radar detects vehicles or obstacles approaching from the rear, a display is shown in the top right corner of the screen.

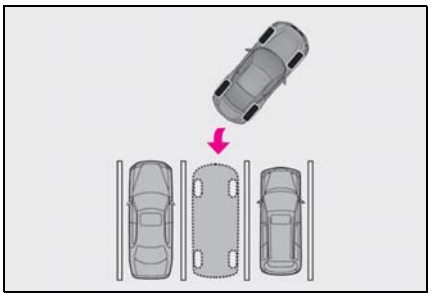
- The display mode switch icon displayed on the screen indicates the next display mode if the switch were pushed. The icon does not indicate the current mode.

Canceling Lexus parking assist monitor

The parking assist monitor is canceled when the shift position is shifted into any position other than the "R".

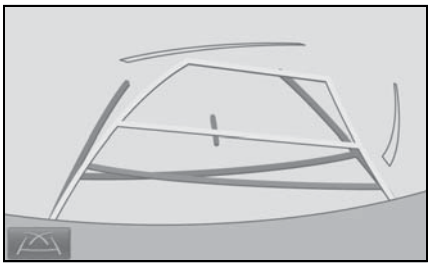
Using the system

Use any of the following modes.



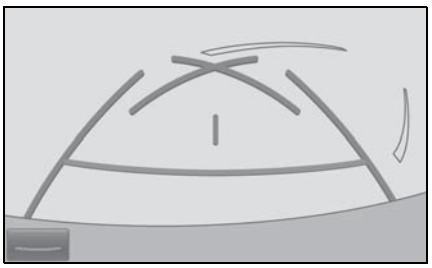
▶ Estimated course line display mode (→P.170)

Estimated course lines are displayed which move in accordance with the operation of the steering wheel.



▶ Parking assist guide line display mode (→P.172)

The steering wheel return points (parking assist guide lines) are displayed.

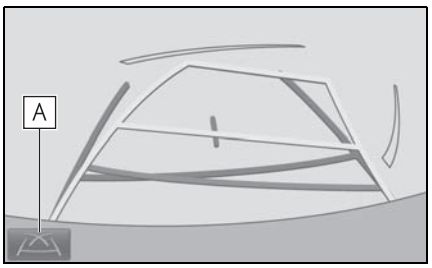


▶ Distance guide line display mode

Distance guide lines only are displayed.

Switching the display mode

1 Press the touchpad when the parking assist monitor screen is displayed.

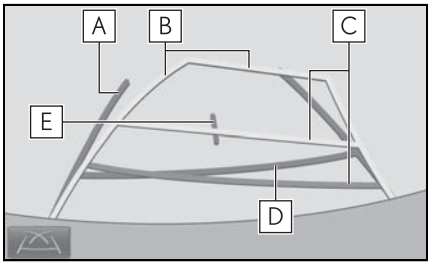


A Display mode switch screen button

- Every time the touchpad is pressed, the display mode changes in the following order: estimated course line display mode → parking assist guide line display mode → distance guide line display mode.

Estimated course line display mode

Screen description



A 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.

B Estimated course lines

Show an estimated course when the steering wheel is turned.

C Distance guide lines

Show 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 center of the edge of the bumper.

D 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.

E Vehicle center guide line

This line indicates the estimated vehicle

center on the ground.

WARNING

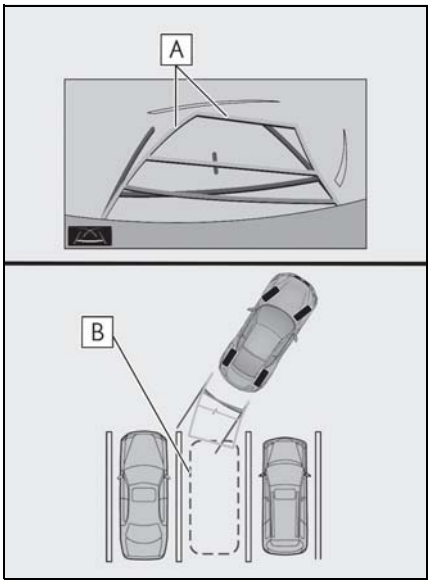
- If the steering wheel is straight and the vehicle width guide lines and the estimated course lines are not in alignment, have the vehicle inspected by your Lexus dealer.

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 position to the "R".

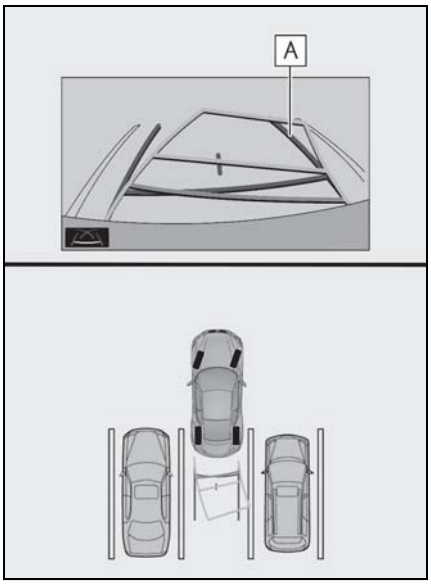
2 Turn the steering wheel so that the estimated course lines are within the parking space, and back up slowly.



A Estimated course lines

B Parking space

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.



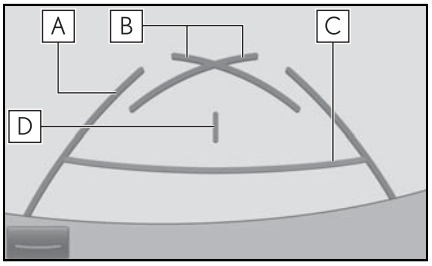
A Vehicle width guide line

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.

Parking assist guide line display mode

Screen description



A 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.

B Parking assist guide lines

Show the path of the smallest turn possible behind the vehicle.

- Show the approximate position of the steering wheel when parking.

C Distance guide line

Shows distance behind the vehicle.

- Displays points approximately 1.5 ft. (0.5 m) (red) from the edge of the bumper.

D Vehicle center guide line

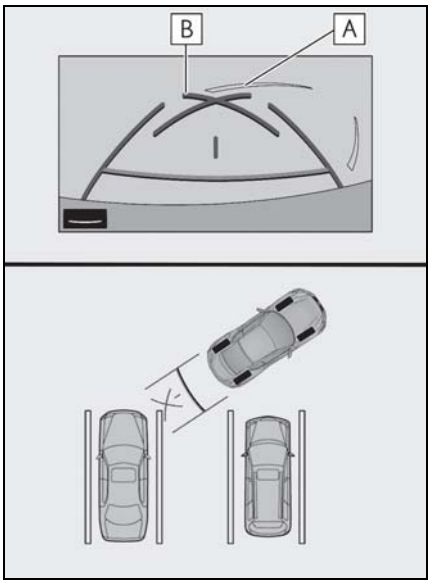
This line indicates the estimated vehicle center on the ground.

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 position to the “R”.

2 Back up until the parking assist guide line meets the edge of the left-hand dividing line of the parking space.



A Parking space dividing line

B Parking assist guide line

3 Turn the steering wheel all the way to the right, and back up slowly.

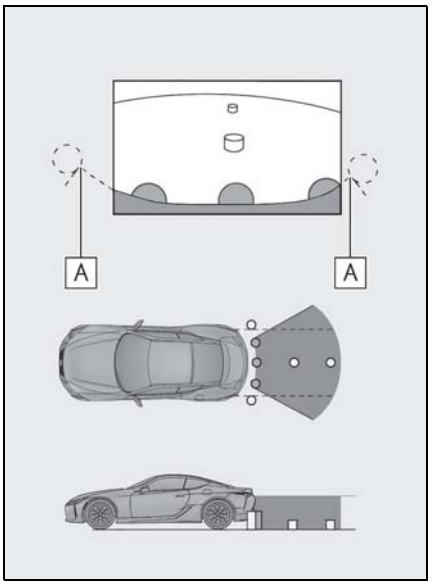
4 Once the vehicle is parallel with the parking space, straighten the steering wheel and back up slowly until the vehicle has completely entered the parking space.

5 Stop the vehicle in an appropriate place, and finish parking.

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.



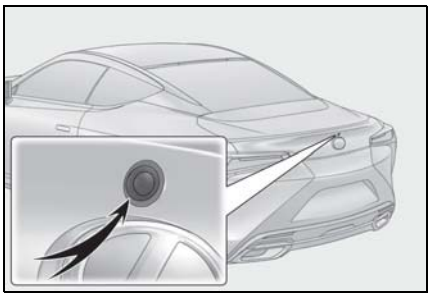
A Corners of bumper

- The image adjustment procedure for the parking assist monitor screen is the same as the procedure for adjusting the screen display. (→P.53)

- 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.

NOTICE

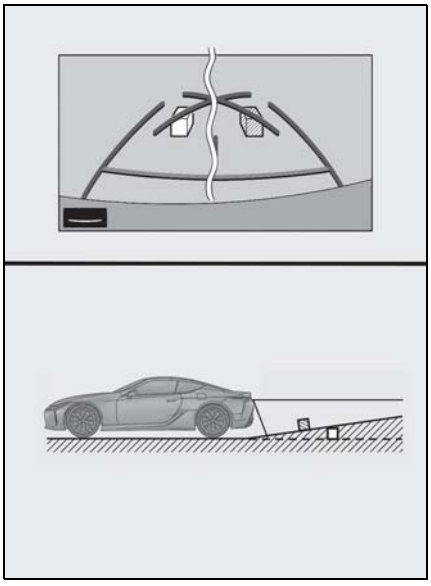
- The parking assist monitor may not operate properly in the following cases.
  - If the back of the vehicle is hit, the position and mounting angle of the camera may change.
  - As the camera has a water proof construction, do not detach, disassemble or modify it. This may cause incorrect operation.
  - 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 glass coat 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 your Lexus dealer 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.

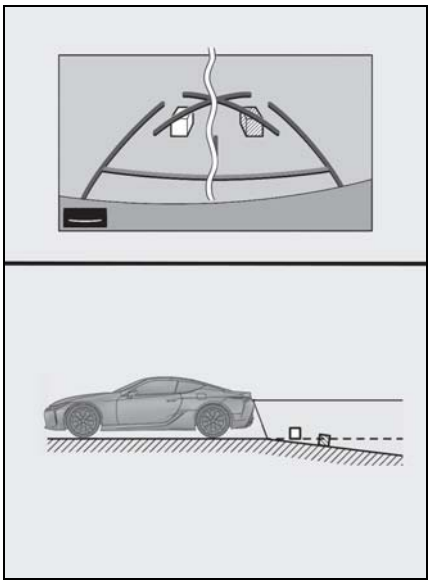
When the ground behind the vehicle slopes up sharply

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 guidelines and the actual distance/course on the road.



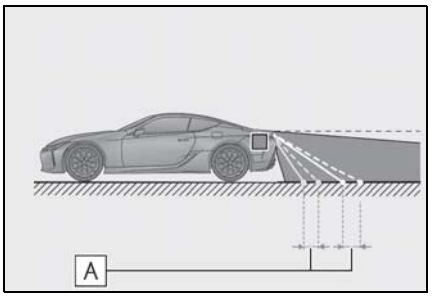
■ **When the ground behind the vehicle slopes down sharply**

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 guidelines 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.



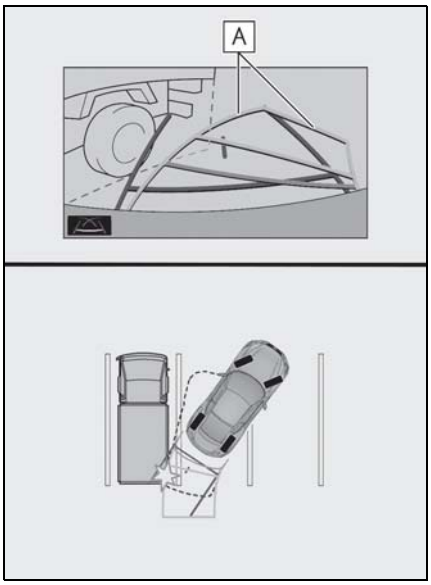
A A margin of error

When approaching three-dimensional objects

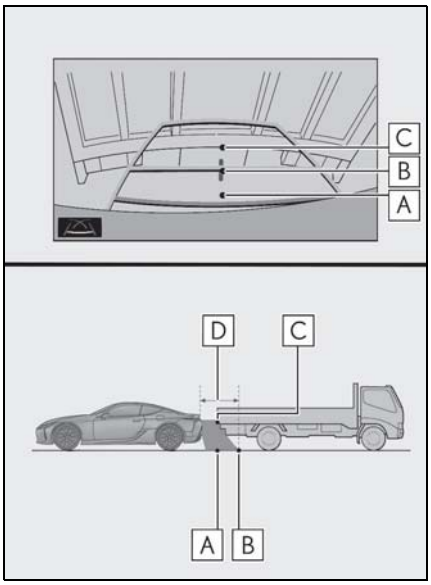
The estimated course lines target a flat surfaced objects (such as the road). It is not possible to determine the position of three-dimensional objects (such as vehicles) using the estimated course lines and distance guide lines. When approaching a three-dimensional object that extends outward (such 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.



A Estimated course lines



D Approx. 3 ft. (1 m)

■ **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.

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 your Lexus dealer.

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 display. (→P.53)
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 your Lexus dealer.
The guide lines are very far out of alignment	The camera position is out of alignment.	Have the vehicle inspected by your Lexus dealer.
	• The vehicle is tilted (there is a heavy load on the vehicle, tire pressure is low due to a tire 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.

Symptom	Likely cause	Solution
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 your Lexus dealer.
Guide lines are not displayed	The trunk is open.	Close the trunk. If this does not resolve the symptom, have the vehicle inspected by your Lexus dealer.
The estimated course lines are not displayed	• 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 your Lexus dealer.

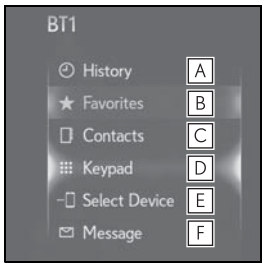
8-1. Phone operation (Hands-free system for cellular phones)
Quick reference 180
Some basics 181
Calling on the Bluetooth® phone 184
Receiving on the Bluetooth® phone 187
Talking on the Bluetooth® phone 188
Bluetooth® phone message function 190
8-2. Setup
Phone settings 194
8-3. What to do if...
Troubleshooting 203

Quick reference

Phone top screen operation

The phone top screen can be reached by the following method:

1 Press the "MENU" button on the Remote Touch, then select "Phone".



A Select to display the "History" screen. (→P.184)

B Select to display the "Favorites" screen. (→P.185)

C Select to display the "Contacts" screen. (→P.185)

D Select to display the "Keypad" screen. (→P.186)

E Select to select device if there are more than 2 phones registered.

F Select to display the "Message" screen. (→P.190)

Phone operation

The following functions can be used on phone operation:

- Registering/connecting Bluetooth® device (→P.38)
- Calling on the Bluetooth® phone (→P.184)
- Receiving on the Bluetooth® phone (→P.187)
- Talking on the Bluetooth® phone (→P.188)

Message function

The following function can be used on message function:

- Using the Bluetooth® phone message function (→P.190)

Setting up a phone

The following functions can be made in the navigation system:

- Phone settings (→P.194)
- Bluetooth® settings (→P.42)

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 phone is explained here.

- 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.

WARNING

- While driving, do not use a cellular phone or connect the Bluetooth® phone.
- 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 phone.

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. (→P.38)

■ Bluetooth® phone condition display

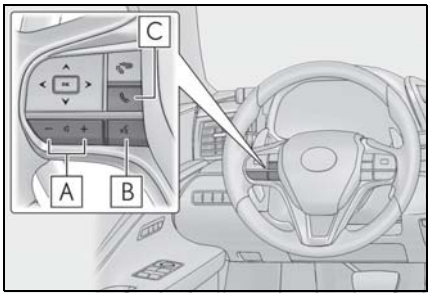
The condition of the Bluetooth® phone appears on the upper right side of the screen. (→P.18)

8 Phone

Using the phone switch/microphone

■ Steering switch

By pressing the phone switch, a call can be received or ended without taking your hands off the steering wheel.



A Volume control switch
- Press the "+" switch to increase the volume.
- Press the "-" switch to decrease the volume.

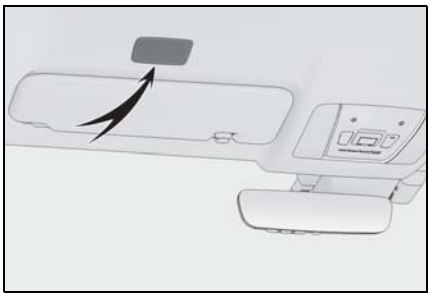
B Talk switch
- Press the talk switch to start the voice command system.
- To cancel voice recognition, press and hold the talk switch.

C TEL switch
- Start talking
- End talking
- End dialing

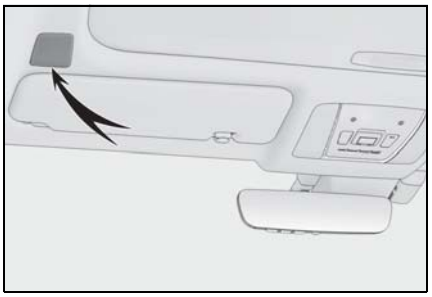
■ Microphone

The microphone is used when talking on the phone.

▶ Type A



▶ Type B

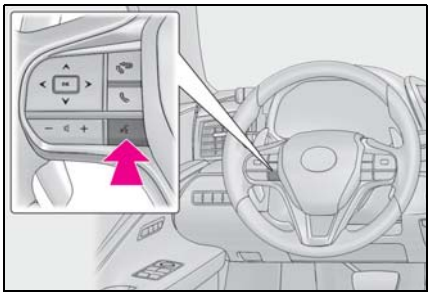


NOTICE

- Do not touch and put a sharp object to the microphone. It may cause failure.

Voice command system

Press this switch to operate the voice command system.



- The voice command system and its list of commands can be operated. (→P.154)

● The other party's voice will be heard from the front speakers. The audio/visual system will be muted during phone calls or when hands-free voice commands are used.

● Talk alternately with the other party on the phone. 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 phone, 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 phone and/or network being used.

About the contacts in the contact list

● The following data is stored for every registered phone. When another phone is connected, the following registered data cannot be read:

- Contact data
- Call history data
- Favorites data
- Image data
- All phone settings
- Message settings

● When a phone'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. (→P.54)

● The following data in the system can be initialized:

- Contact data
- Call history data
- Favorites data
- Image data
- All phone settings
- Message settings

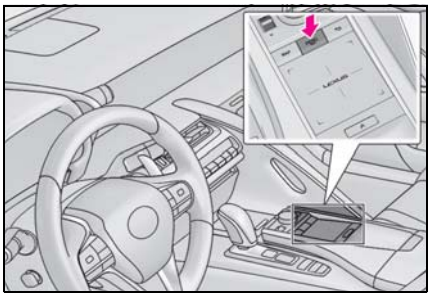
● Once initialized, the data and settings will be erased. Pay much attention when initializing the data.

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.

Displaying phone top screen

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



2 Select "Phone".

3 Select the desired method to call from.

The following lists are available:

- By favorites
- By history
- By contacts*
- By keypad*
- By message
- By POI call
- By Lexus Enform App Suite 2.0
- By voice command system

*: The operation cannot be performed while driving.

By call history

Up to 30 of the latest call history items (missed, incoming and outgoing) can be selected from the "History".

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

2 Select "Phone".

3 Select the "History" on the sub menu and select the desired contact.

- If the contact which is not registered on the contact list is selected, the name is displayed as "Unknown Contact". In this case, follow the guidance on the screen to make a call properly.

4 Check that the "Call" screen is displayed.

- The icons of call type are displayed.

: Missed call

: Incoming call

: Outgoing call

- When making a call to the same number continuously, only the most recent call is listed in call history.
- When a phone number registered in the contact list is received, the name is displayed.
- Number-withheld calls are also memorized in the system.
- International phone calls may not be made depending on the type of cellular phone you have.
- The list should group together consecutive entries with the same phone number and same call type. For example, two calls from John's mobile would be displayed as follows: John (2)

● By pressing the switch on the steering wheel, a call to the latest history item can be made.

By favorites list

Calls can be made using registered contacts which can be selected from a contact list. (→P.185)

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

2 Select "Phone".

3 Select the "Favorites" on the sub menu and select the desired contact.

4 Select the desired number.

5 Check that the "Call" screen is displayed.

By contacts list

Calls can be made by using contact data which is transferred from a registered cellular phone. (→P.185)

Up to 5000 contacts (maximum of 4 phone numbers and 4 e-mail addresses per contact) can be registered in the contact list.

■ Calling from contacts list

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

2 Select "Phone".

3 Select the "Contacts" on the sub menu and select the desired contact.

"E-mail Addresses": Select to display all registered e-mail addresses for the contact.

4 Select the desired number.

5 Check that the "Call" screen is displayed.

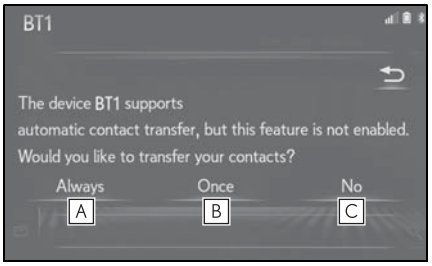
When the contact is empty

■ For PBAP compatible Bluetooth® phones when "Automatic Transfer" is set to on (→P.196)

● Contacts are transferred automatically.

■ For PBAP compatible Bluetooth® phones when "Automatic Transfer" is set to off (→P.196)

1 Select the desired item.



A Select to always transfer all the contacts from a connected cellular phone automatically.

B Select to transfer all the contacts from a connected cellular phone only once.

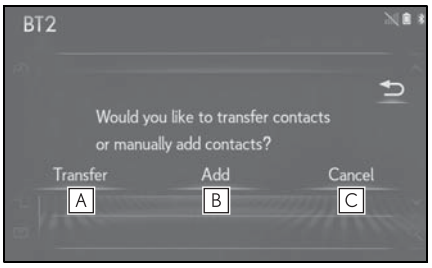
C Select to cancel transferring.

2 Check that a confirmation screen is displayed when the operation is complete.

■ For PBAP incompatible but OPP compatible Bluetooth® phones

1 Select the desired item.

8 Phone



A Select to transfer the contacts from the connected cellular phone.
Follow the steps in "When the contact is not registered" from step **2**. (→P.197)

B Select to add a new contact manually.
Follow the steps in "Registering a new contact to the contacts list" from step **2**. (→P.199)

C Select to cancel transferring.

● If your cellular phone is neither PBAP nor OPP compatible, the contacts cannot be transferred using Bluetooth®. But the contacts can be transferred from USB device. (→P.198)

● Depending on the type of Bluetooth® phone:
- It may be necessary to perform additional steps on the phone 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 Press the "MENU" button on the Remote Touch.

2 Select "Phone".

3 Select the "Keypad" on the sub menu and enter the phone number.

4 Select or press the switch on the steering wheel.

5 Check that the "Call" screen is displayed.

● Depending on the type of Bluetooth® phone being connected, it may be necessary to perform additional steps on the phone.

Receiving on the Bluetooth® phone

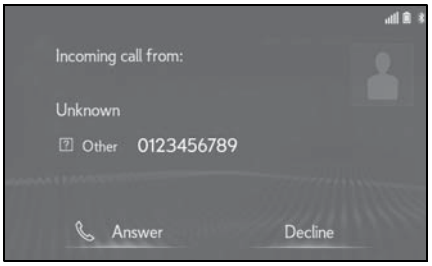
When a call is received, this screen is displayed with a sound.

This screen can also be displayed on the side display.

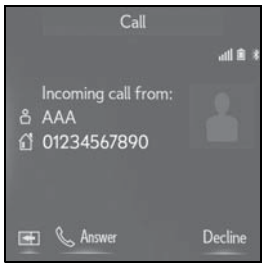
Incoming calls

1 Select "Answer" or press the switch on the steering wheel to talk on the phone.

▶ Main display



▶ Side display



To refuse to receive the call: Select "Decline".

To adjust the volume of a received call: Turn the "PWR·VOL" knob, or use the volume control switch on the steering wheel.

- Only when the vehicle is not moving, the contact image picture can be displayed.
- During international phone calls, the other party's name or number may not be displayed correctly depending on the type of cellular phone you have.
- The ringtone that has been set in the "Sounds" 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.194)
- The incoming call display mode can be set. (→P.195)

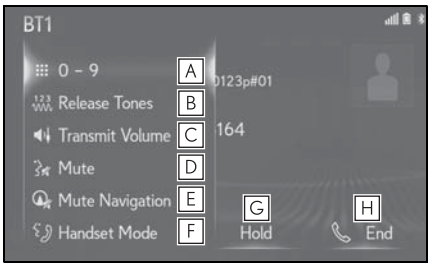
Talking on the Bluetooth® phone

While talking on the phone, this screen is displayed. The operations outlined below can be performed on this screen.

This screen can also be displayed on the side display.

Call screen operation

▶ Main display



A Select to display the dial pad to send tones. (→P.189)

B Select to send tones. This button only appears when a number that contains a (w) is dialed in hands-free mode. (→P.189)

C Select to adjust the volume of the other party's voice.

D Select to mute your voice to the other party.

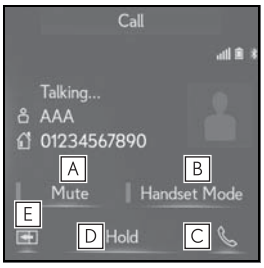
E Select to mute Navigation's route guidance during talking on the phone.

F Select to change handset modes between hands-free and cellular phone.

G Select to start talking with the other party. (→P.189)

H Select to hang up the phone.

▶ Side display



A Select to mute your voice to the other party.

B Select to change handset modes between hands-free and cellular phone.

C Select to hang up the phone.

D Select to start talking/holding with the other party. (→P.189)

E Select to switch the displayed current screen to the main display.

- Only when the vehicle is not moving, the contact image can be displayed.
- 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.
- This screen can be displayed on the main display or side display. (→P.195)

Sending tones

■ By dial pad

This operation cannot be performed while driving.

1 Select "0-9" on the sub menu.

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" on the sub menu.

- 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 phone based service such as an answering machine or bank phone service is desired. A phone number with continuous tone signals can be registered in the contact list.
- Tone data after a "w" pause tone can be operated on voice command during a call.

Transmit volume setting

1 Select "Transmit Volume" on the sub menu.

2 Select the desired level for the transmit volume.

3 Press the button on the Remote Touch to display previous screen.

- The sound quality of the voice heard from the other party's speaker may be negatively impacted.
- "Transmit Volume" is dimmed when mute is on.

Incoming call waiting

When a call is interrupted by a third party while talking, the incoming screen is displayed.

The incoming screen can also be displayed on the side display.

- When there are no calls on hold during a call: "Hold" is displayed. When selected, the current call is placed on hold.
- When there is no current call, but there is a call on hold: "Activate" is displayed. When selected, the system switches to the call that was on hold.
- When there is another call on hold during a call: "Swap Calls" is displayed. When selected, the current call is placed on hold, and the system switches to the call that was on hold. Each time "Swap Calls" is selected, the party who is on hold will be switched.

1 Select "Answer" or press the switch on the steering wheel to start talking with the other party.

To refuse to receive the call: Select "Decline".

- This function may not be available

8 Phone

depending on the type of cellular phone.

● This screen can be displayed on the main display or side display.

Bluetooth® phone message function

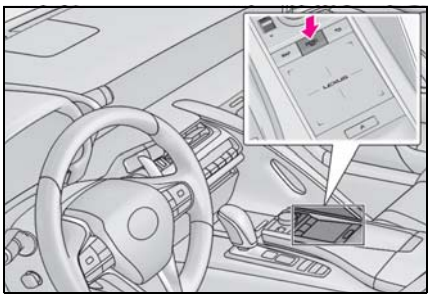
Received messages can be forwarded from the connected Bluetooth® phone, enabling checking and replying using the system.

Depending on the type of Bluetooth® phone connected, received messages may not be transferred to the message inbox.

If the phone does not support the message function, this function cannot be used. Even when the supported phone is used, reply function may not be used.

Displaying the message inbox screen

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



2 Select "Phone".

3 Select "Message" on the sub menu.

4 Select the account name.

● Account names are the names of the accounts that exist on the currently connected phone.

5 Check that the message inbox screen is displayed.

"Phone": Select to change to phone mode.

- The following functions can be used on message function:
- Receiving a message (→P.191)
- Checking messages (→P.191)
- Replying to a message (quick reply) (→P.192)
- Calling the message sender (→P.192)
- Message settings (→P.201)

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.

A Select to check the message.

B Select to not open the message.

C Select to call the message sender.

To display the above screen, it needs to be set to "Full Screen" on "Incoming SMS/MMS Display" and "Incoming E-mail Display". (→P.195) Default setting is "Drop-down".

- 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:

E-mail:

- "E-mail Notification Pop-up" is set to on. (→P.195)

SMS/MMS:

- "SMS/MMS Notification Pop-up" is set to on. (→P.195)
- Depending on the type of Bluetooth® phone being connected, E-Mail function cannot be used via Bluetooth®.

Checking received messages

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

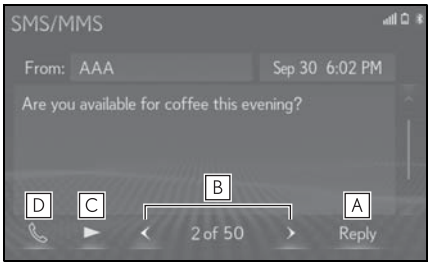
2 Select "Phone".

3 Select "Message" on the sub menu.

4 Select a desired account name.

5 Select the desired message from the list.

6 Check that the message is displayed.



A Select to reply to the message. (→P.192)

B Select to display the previous or next message.

C Select to have messages read out.

To cancel this function, select ■. When "Automatic Message Readout" is set to on, messages will be

8 Phone

automatically read out. (→P.201)

D Select to make a call to the sender.

- Depending on the type of Bluetooth® phone being connected, this function cannot be used.

- Depending on the type of Bluetooth® phone being connected, it may be necessary to perform additional steps on the phone.
- Messages are displayed in the appropriate connected Bluetooth® phone's registered mail address folder. Select the desired folder to be displayed.
- Only received messages on the connected Bluetooth® phone can be displayed.
- The text of the message is not displayed while driving.
- Turn the "PWR·VOL" knob, or use the volume control switch on the steering wheel to adjust the message read out volume.
- "Subject:" field is not shown on SMS case.

Replying to a message

15 messages have already been stored.

1 Press the "MENU" button on the Remote Touch.
2 Select "Phone".
3 Select "Message" on the sub menu.
4 Select the desired message from the list.
5 Select "Reply".
6 Select the desired message.
7 Select "Send".

"Cancel": Select to cancel sending the message.

- While the message is being sent, a sending message screen is displayed.

8 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

This operation cannot be performed while driving.

1 Select "Reply".
2 Select corresponding to the desired message to edit.
3 Select "OK" when editing is completed.

- To reset the edited quick reply messages, select "Default".
- Quick message #1 ("I am driving and will arrive in approximately [##] minutes."): This message cannot be edited and will automatically fill in [##] with the navigation calculated estimated time of arrival on the confirm message screen.
  If there are waypoints set, [##] to the next waypoint will be shown.
  If there is no route currently set in the navigation system, Quick message #1 cannot be selected.

Calling the message sender

Calls can be made to an e-mail/SMS/MMS message sender's phone number.

This operation can be performed while driving.

■ Calling from e-mail/SMS/MMS message display

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

2 Select "Phone".

3 Select "Message" on the sub menu.

4 Select the desired message.

5 Select "Call", or press the switch on the steering wheel.

- If there are 2 or more phone numbers, select the desired number.

6 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 in blue font.

This operation cannot be performed while driving.

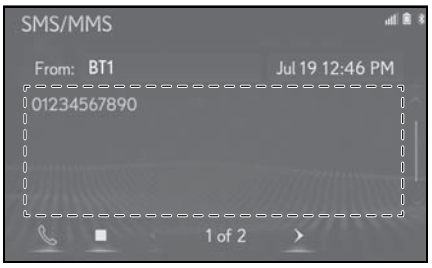
1 Press the "MENU" button on the Remote Touch.

2 Select "Phone".

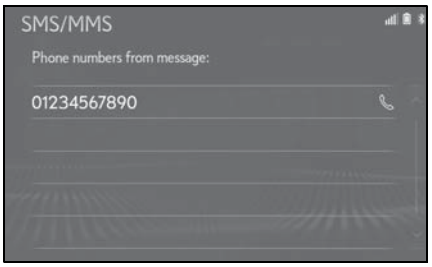
3 Select "Message" on the sub menu.

4 Select the desired message.

5 Select the text area.



6 Select the desired number.



- Identified phone numbers contained in the message are displayed.

7 Check that the "Call" screen is displayed.

- A series of numbers may be recognized as a phone number. Additionally, some phone numbers may not be recognized, such as those for other countries.

■ Calling from the incoming message screen

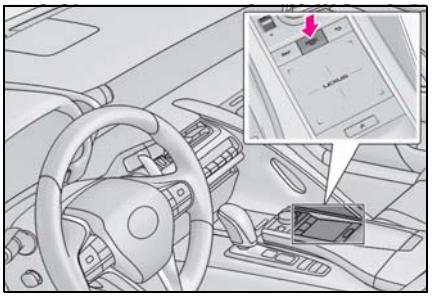
For detail, refer to "Receiving a message". (→P.191)

8 Phone

Phone settings

Displaying the phone settings screen

1 Press the “MENU” button on the Remote Touch.

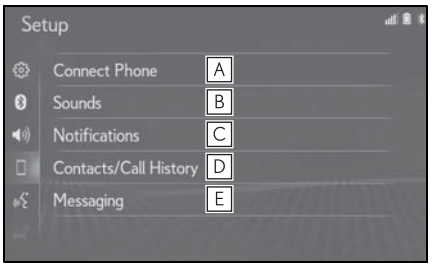


2 Select “Setup”.

3 Select “Phone” on the sub menu.

4 Select the item to be set.

Phone settings screen



A Connecting a phone (→P.44)

B Sound settings* (→P.194)

C Notification settings* (→P.195)

D Contact/call history settings* (→P.196)

E Message settings* (→P.201)

*: This operation cannot be performed while driving.

“Sounds” screen

The call and ringtone volume can be adjusted. A ringtone can be selected.

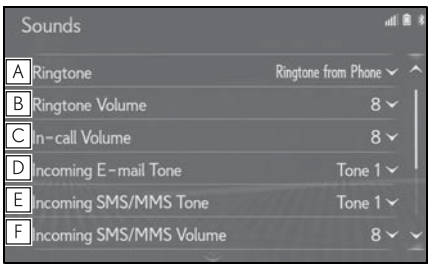
1 Press the “MENU” button on the Remote Touch.

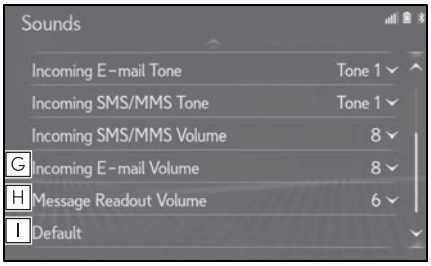
2 Select “Setup”.

3 Select “Phone” on the sub menu.

4 Select “Sounds”.

5 Select the desired item to be set.





A Select to set the desired ringtone.

B Select “-” or “+” to adjust the ringtone volume.

C Select “-” or “+” to adjust the default volume of the other party’s voice.

D Select to set the desired incoming e-mail tone.

E Select to set the desired incoming SMS/MMS tone.

F Select “-” or “+” to adjust the incoming SMS/MMS tone volume.

G Select "-" or "+" to adjust the incoming e-mail tone volume.

H Select "-" or "+" to adjust the message readout volume.

I Select to reset all setup items.

● Depending on the type of phone, certain functions may not be available.

"Notifications" screen

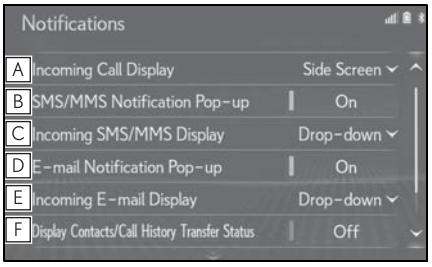
1 Press the "MENU" button on the Remote Touch.

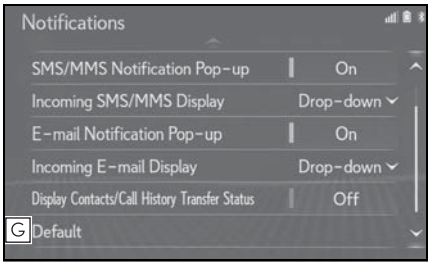
2 Select "Setup".

3 Select "Phone" on the sub menu.

4 Select "Notifications".

5 Select the desired item to be set.





A Select to change where the screen is displayed between the main display and side display.
"Main Screen": Select to display and operate the screen on the main display.
"Side Screen": Select to display and operate the screen on the side display. For details of the screen: →P.187

B Select to set the SMS/MMS notification pop-up on/off.

C 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.

D Select to set the e-mail notification pop-up on/off.

E 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.

F Select to set display of the contact/history transfer completion message on/off.

G Select to reset all setup items.

● Depending on the phone, these functions may not be available.

"Contacts/Call History" screen

The contact can be transferred from a Bluetooth® phone to the system.

The contact also can be added, edited and deleted.

The call history can be deleted and contact and favorites can be changed.

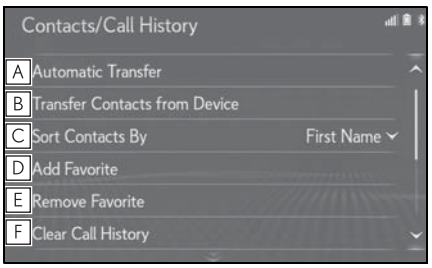
1 Press the "MENU" button on the Remote Touch.

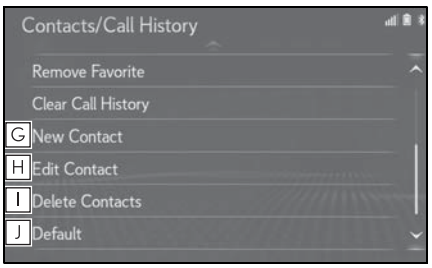
2 Select "Setup".

3 Select "Phone" on the sub menu.

4 Select "Contacts/Call History".

5 Select the desired item to be set.





A For PBAP compatible Bluetooth® phones: Select to change the contact/history transfer settings. (→P.196)

B Select to update contacts from the connected device. (→P.197)

C Select to sort contacts by the first name or last name field.

D Select to add contacts to the favorites list. (→P.200)

E Select to delete contacts from the favorites list. (→P.200)

F Select to clear contacts from the call history.*

G Select to add new contacts to the contact list.* (→P.199)

H Select to edit contacts in the contact list.* (→P.199)

I Select to delete contacts from the contact list.* (→P.199)

J Select to reset all setup items.

*: For PBAP compatible Bluetooth® phones, this function is available when "Automatic Transfer" is set to off. (→P.196)

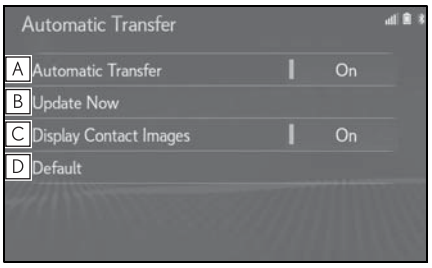
- Depending on the type of phone, certain functions may not be available.
- Contact data is managed independently for every registered phone. When one phone is connected, another phone's registered data cannot be read.

Setting automatic contact/history transfer

The automatic contact/history function is available for PBAP compatible Bluetooth® phones only.

1 Select "Automatic Transfer".

2 Select the desired item to be set.



A Select to set automatic contact/history transfer on/off. When set to on, the phone's contact data and history are automatically transferred.

B Select to update contacts from the connected phone. (→P.197)

C Select to set the transferred contact image display on/off.
Only when the vehicle is not moving, the contact image can be displayed.

D Select to reset all setup items.

■ **Updating contacts from phone**

1 Select "Update Now".

- 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.
- If another Bluetooth® device is connected when transferring contact data, depending on the phone, 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 phone.

Transfer contacts from device

From phone

▶ When the contact is not registered

1 Select "Transfer Contacts from Device".

2 Select "From Phone (Bluetooth*)".

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

3 Transfer the contact data to the system using a Bluetooth® phone.

- This operation may be unnecessary depending on the type of cellular phone.
- To cancel this function, select "Cancel".

4 Check that a confirmation screen is displayed when the operation is complete.

- This function is only for OPP compatible Bluetooth® phone.

▶ When the contact is registered

1 Select "Transfer Contacts from Device".

2 Select "From Phone (Bluetooth*)".

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

3 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.

4 Transfer the contact data to the system using a Bluetooth® phone.

- This operation may be unnecessary depending on the type of cellular phone.
- To cancel this function, select “Cancel”.

5 Check that a confirmation screen is displayed when the operation is complete.

- This function is only for OPP compatible Bluetooth® phone.

■ **Updating the contacts (From the “Call History” screen)***

1 Press the “MENU” button on the Remote Touch.

2 Select “Phone”.

3 Select the “Call History” on the sub menu and select a contact not yet registered in the contact list.

4 Select “Update Contact”.

5 Select the desired contact.

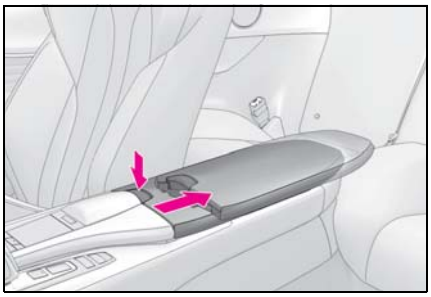
6 Select a phone type for the phone number.

*: For PBAP compatible Bluetooth® phones, this function is available when “Automatic Transfer” is set to off. (→P.196)

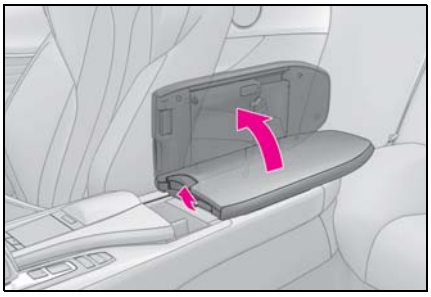
From USB

Backed-up contact data (“vCard” formatted) can be transferred from USB device or Bluetooth® phone to this system.

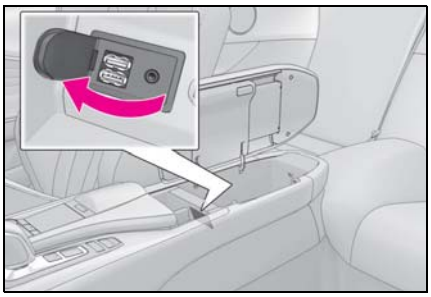
1 Slide the armrest as far back while pressing the button.



2 Lift the armrest while pulling the knob.



3 Open the cover and connect a device.



- Turn on the power of the USB

device or Bluetooth® phone if it is not turned on.

4 Select "Transfer Contacts from Device".

5 Select "From USB".

6 Select "USB 1" or "USB 2" when the multiple USB devices are connected. If a USB device is connected, skip this procedure.

7 Select "Replace Contacts" or "Add Contact". If the contact is already registered, skip this procedure.

"Replace Contacts": Select to transfer the contact from the connected USB device or Bluetooth® phone and replace the current one.

"Add Contact": Select to transfer the desired contact data from the connected USB device or Bluetooth® phone to add to the current one.

8 Select a desired file from vCard file list.

9 Check that a confirmation screen is displayed when the operation is complete.

- Depending on the type of phone used and number of files, it may take time to download contacts.
- Downloading may not complete correctly in the following cases:
  - If the engine switch <power switch> is turned off during downloading.
  - If the USB device or Bluetooth® phone is removed before downloading is complete.

Registering a new contact to the contacts list

New contact data can be registered.

Up to 4 numbers per person can be registered.

1 Select "New Contact".

2 Enter the name and select "OK".

3 Enter the phone number and select "OK".

4 Select the phone type for the phone 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 Press the "MENU" button on the Remote Touch.

2 Select "Phone".

3 Select the "Call History" on the sub menu and select a contact not yet registered in the contact list.

4 Select "Add to Contacts".

5 Follow the steps in "Registering a new contact to the contacts list" from step **2**. (→P.199)

Editing the contact data

1 Select "Edit Contact".

2 Select the desired contact.

3 Select next to the name or desired number.

4 Enter the name or the phone number and select "OK".

Deleting the contact data

1 Select "Delete Contacts".

2 Select the desired contact and press the button on the Remote Touch.

"Select All": Select all items in the list.
"Unselect All": Unselect all items in the list.
"Delete": Delete selected items in the list.

3 Select "Delete".

4 Select "Yes" when the confirmation screen appears.

- Multiple data can be selected and deleted at the same time.
- When a Bluetooth® phone is deleted, the contact data will be deleted at the same time.

Favorites list setting

Up to 15 contacts (maximum of 4 numbers per contact) can be registered in the favorites list.

■ Registering the contacts in the favorites list

1 Select "Add Favorite".

2 Select the desired contact to add to the favorites list.

- Dimmed contacts are already stored as a favorite.

3 Check that a confirmation screen is displayed when the operation is complete.

▶ When 15 contacts have already been registered to the favorites list

1 When 15 contacts have already been registered to the favorites 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 favorites list in a different way (from the "Contact Details" screen)

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

2 Select "Phone".

3 Select the "Contacts" or "Call History" on the sub menu and select the desired contact.

4 Select "Add Favorite".

5 Check that a confirmation screen is displayed when the operation is complete.

■ Deleting the contacts in the favorites list

1 Select "Remove Favorite".

2 Select the desired contacts and press the button on the Remote Touch.

"Select All": Select all items in the list.
"Unselect All": Unselect all items in the list.
"Remove": Remove selected items in the list.

3 Select "Remove".

4 Select "Yes" when the confirmation screen appears.

5 Check that a confirmation screen is displayed when the operation is complete.

▶ Deleting contacts in the favorites list in a different way (from the "Contact Details" screen)

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

2 Select "Phone".

3 Select the "Contacts" or "Favorites" on the sub menu and select the desired contact to delete.

4 Select "Remove Favorite".

5 Select "Yes" when the confirmation screen appears.

6 Check that a confirmation screen is displayed when the operation is complete.

"Messaging" screen

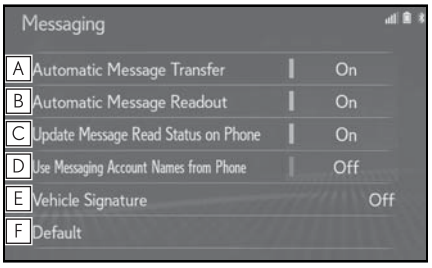
1 Press the "MENU" button on the Remote Touch.

2 Select "Setup".

3 Select "Phone" on the sub menu.

4 Select "Messaging".

5 Select the desired item to be set.



A Select to set automatic message transfer on/off.

B Select to set automatic message readout on/off.

C Select to set updating message read status on phone on/off.

D Select to set display of messaging account names on the inbox on/off. When set to on, messaging account names used on the cellular phone will be displayed.

E Select to set adding the vehicle signature to outgoing messages on/off.

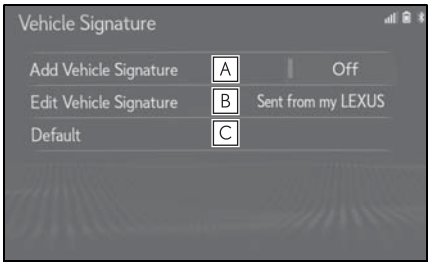
F Select to reset all setup items.

● Depending on the phone, these functions may not be available.

Vehicle signature settings

1 Select "Vehicle Signature".

2 Select the desired item to be set.



A Select to set adding the vehicle signature to outgoing messages on/off.

B Select to edit the vehicle signature (→P.201)

C Select to reset all setup items.

■ Editing vehicle signature

1 Select "Edit Vehicle Signature".

2 Enter desired signature with using keyboard.

8 Phone

3 Select “OK”.

4 Select “OK” on the confirmation screen, or select “Edit Again” when it needs to amend.

Troubleshooting

If there is a problem with the hands-free system or a Bluetooth® device, first check the table below.

Troubleshooting

When using the hands-free system with a Bluetooth® device

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 or the following website:
http://www.lexus.com/MobileLink

■ **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. 4.1 +EDR or higher). (→P.41)

When registering/connecting a cellular phone

A cellular phone cannot be registered.

■ **An incorrect passcode was entered on the cellular phone.**

Enter the correct passcode on the cellular phone.

■ **The registration operation has not been completed on the cellular phone side.**

Complete the registration operation on the cellular phone (approve registration on the phone).

■ **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. (→P.44)

A Bluetooth® connection cannot be made.

■ **Another Bluetooth® device is already connected.**

Manually connect the cellular phone you wish to use to this system. (→P.44)

■ **Bluetooth® function is not enabled on the cellular phone.**

Enable the Bluetooth® function on the cellular phone.

■ **Automatic Bluetooth® connection on this system is set to off.**

Set automatic Bluetooth® connection on this system to on when the engine switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>. (→P.48)

■ **Preferred device settings function on this system is set to on.**

Set preferred device settings function on this system to off. (→P.48)

Set the desired cellular phone to the highest automatic connection priority. (→P.49)

When making/receiving a call

A call cannot be made/received.

■ **Your vehicle is in a area.**

Move to where no longer appears on the display.

When using the phonebook

Phonebook data cannot be transferred manually/automatically.

■ **The profile version of the connected cellular phone may not be compatible with transferring phonebook data.**

For a list of specific devices which operation has been confirmed on this system, check with your Lexus dealer or the following website:
http://www.lexus.com/MobileLink

■ **Automatic contact transfer function on this system is set to off.**

Set automatic contact transfer function on this system to on. (→P.196)

■ **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 phone).

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. (→P.196)

When using the Bluetooth® message function

Messages cannot be viewed.

■ **Message transfer is not enabled on the cellular phone.**

Enable message transfer on the cellular phone (approve message transfer on the phone).

■ **Automatic transfer function on this system is set to off.**

Set automatic transfer function on this system to on. (→P.196)

New message notifications are not displayed.

■ **Notification of SMS/MMS/E-mail reception on this system is set to off.**

Set notification of SMS/MMS/E-mail reception on this system to on. (→P.195)

■ **Automatic message transfer function is not enabled on the cellular phone.**

Enable automatic transfer function on the cellular phone.

In other situations

The Bluetooth® connection status is displayed at the top of the screen each time the system is activated*.

■ **Connection confirmation display on this system is set to on.**

To turn off the display, set connection confirmation display on this system to off. (→P.49)

*: The engine switch <power switch> is in ACCESSORY or IGNITION ON mode <ON mode>.

Even though all conceivable measures have been taken, the symptom status does not change.

■ **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.

■ **The cellular phone is the most likely cause of the symptom.**

Turn the cellular phone off, remove and reinstall the battery pack, and then restart the cellular phone.

Enable the cellular phone's Bluetooth® connection.

Stop the cellular phone's security software and close all applications.

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.

9-1. Lexus Enform overview

Functional overview 208

Type A: Function achieved by using a cellular phone..... 209

Type B: Function achieved by using DCM and the navigation system 212

Type C: Function achieved by using DCM 215

Type D: Function achieved by using DCM and a cellular phone 215

9-2. Lexus Enform operation

Lexus Enform App Suite 2.0. 217

Lexus Enform Destinations... 220

9-3. Setup

Lexus Enform App Suite 2.0 settings..... 222

Functional overview

Lexus Enform is a service that includes Safety Connect, Service Connect, Remote, Destinations and App Suite.

Functional overview

● The functions included in Lexus Enform are classified into the following four types.

- Type A: Function achieved by using a cellular phone and the navigation system
- Type B: Function achieved by using an embedded cellular device in the vehicle (DCM: Data Communication Module) and the navigation system
- Type C: Function achieved by using DCM
- Type D: Function achieved by using DCM and a cellular phone

Function	Type
App Suite	Type A
Destinations (Destination Assist)	Type B
Safety Connect	Type C
Remote, Service Connect	Type D

● Each function is available in the following areas:

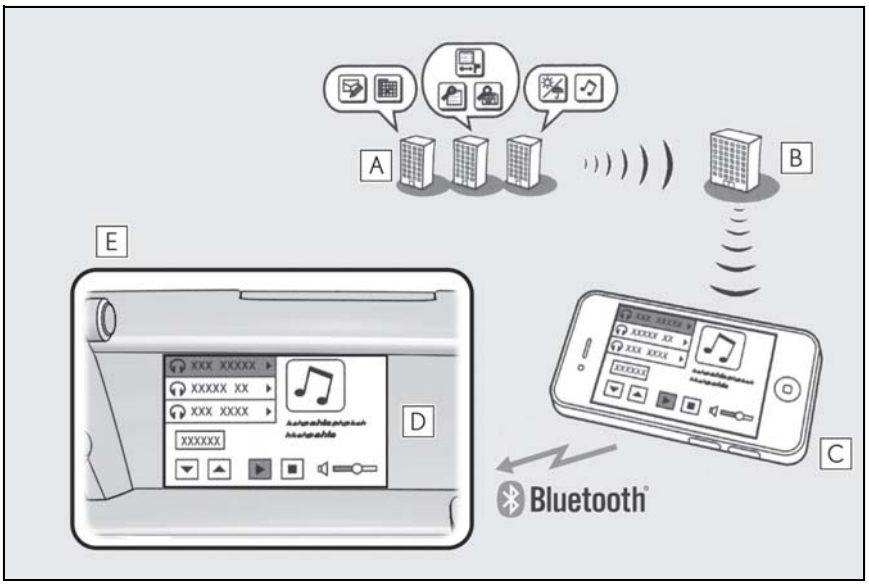
- Lexus Enform App Suite 2.0 is available in the contiguous United States, Washington D.C., Alaska, Hawaii, Puerto Rico and Canada.
- Lexus Enform Destinations is available in the contiguous United States, Washington D.C. and limited areas of Alaska for vehicles that contain the appropriate map data.
- Lexus Enform Safety Connect features include:
  Automatic Collision Notification, Emergency Assistance, S.O.S, Stolen Vehicle Location (available in the contiguous United States, Washington D.C., Hawaii, Alaska, and Canada) and Enhanced Roadside Assistance (available in the contiguous United States, Washington D.C., Alaska, and Canada).
- Lexus Enform Remote is available in the contiguous United States, Washington D.C. and Alaska.
- Lexus Enform Service Connect is available in the contiguous United States, Washington D.C., Hawaii, Alaska, and Canada.

● Availability of functions of the Lexus Enform service is dependent on network reception level.

Type A: Function achieved by using a cellular phone

Of the functions included with Lexus Enform, the App Suite relies on the use of a cellular phone.
App Suite enables applicable apps installed on a cellular phone to be displayed on and operated from the navigation screen via a Bluetooth®. A few settings must be performed before App Suite can be used. (→P.210)

By using a cellular phone



A Content provider
Provides contents to the navigation system via a cellular phone.

B Application server
Provides applications to the navigation system via a cellular phone.

C Cellular phone*
Using the App Suite, communication is relayed between the navigation system, application server and contents provider. The cellular phone can be opened while communication, though the phone will display the Enform HS App lock screen.

D Applications
Display usable content from the content providers on the screen using the data

connection of the connected cellular phone.

E Navigation system
Content received, via a cellular phone, from content provider servers is displayed on the navigation screen. The navigation system is equipped with an application player to run applications.

*: For known compatible phones, refer to http://www.lexus.com/MobileLink.

Before using the function

Subscription

- App Suite does not require an activation fee or monthly recurring fees.
- Services requiring a separate contract can also be used.*

*: For details, refer to http://www.lexus.com/enform/ or call 1-800-255-3987.

Availability of function

- Lexus Enform App Suite 2.0 is available in the contiguous United States, Washington D.C., Alaska, Hawaii, Puerto Rico and Canada.

- Data usage fees may apply while using App Suite function. Confirm data usage fees before using this function.
- The required operations to activate applications and connect a cellular phone to the navigation system, and the registration steps for the App Suite are explained in this section. For details regarding operation of the App Suite and the applications, refer to http://www.lexus.com/enform/.
- Availability of functions of the Lexus Enform service is dependent on network reception level.

Initializing personal data

The personal data used in applications can be reset. (→P.54)

- The following personal data can be deleted and returned to their default settings:
  - Downloaded contents
  - Radio stations that were listened to

- Once initialized, data will be erased. Pay close attention when initializing data.

Preparation before using Lexus Enform App Suite 2.0

Settings required to use Lexus Enform App Suite 2.0

Perform the settings in the following order.

1. Download the App Suite application to your cellular phone.
2. Register the cellular phone with the navigation system.

In order to use App Suite, the following must first be performed:

- Download the App Suite application onto your cellular phone, and login to the application. (→P.211)
- Register the cellular phone, on which the App Suite application was installed, with the navigation system. (→P.211)
- Register a Bluetooth® phone with the hands-free system. (→P.38)

■ **Registering the Lexus Enform App Suite 2.0 application**

● Registration is optional.

1 Download the App Suite application to your cellular phone.

2 Run the App Suite application on your cellular phone.

3 Enter the information required into the App Suite application. Login to the application.

● Applications can only be used when the App Suite application has been downloaded to your cellular phone and the application is running.

● App Suite operational procedures can also be confirmed by visiting http://www.lexus.com/enform/.

● In order to use applications, it is necessary to run the App Suite application on your cellular phone.

● For known phone compatibility information, refer to http://www.lexus.com/enform/.

● If a App Suite application is used while iPod audio/video is being played back, system operation may become unstable.

Type B: Function achieved by using DCM and the navigation system

The functionality of Lexus Enform Safety Connect and Lexus Enform Destinations are made possible through the shared work of the DCM and the navigation system.

These are subscription-based telematics services that use Global Positioning System (GPS) data and embedded cellular technology to provide safety and security as well as convenience features.

These services are available by subscription on select, telematics hardware-equipped vehicles and supported by Lexus' designated response center, which operates 24 hours a day, 7 days a week.

Before using the function

■ **Subscription**

- After you have signed the Telematics Subscription Service Agreement and are enrolled, you can begin receiving services. A variety of subscription terms are available. Contact your Lexus dealer, or call 1-800-25-LEXUS (1-800-255-3987), for further subscription details. (→P.220)

■ **Availability of function(s)**

- Destinations is available in the contiguous United States, Washington D.C. and limited areas of Alaska for vehicles that contain the appropriate map data.

■ **Activation of function(s)**

- Enrollment in Lexus Enform Safety Connect (via your dealership) is required to activate all functions.

- Free/Open Source Software Information
  This product contains Free/Open Source Software (FOSS).
  The license information and/or the source code of such FOSS can be found at the following URL. https://www.denso.com/global/en/opensource/dcm/toyota/
- Exposure to radio frequency signals:
  The Lexus Enform system installed in your vehicle includes a low power radio transmitter and receiver. The system receives and also sends out radio frequency (RF) signals.
- In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies.
  - ANSI (American National Standards Institute) C95.1 [1992]
  - NCRP (National Council on Radiation Protection and Measurement) Report 86 [1986]

• ICNIRP (International Commission on Non-Ionizing Radiation Protection) [1996]

● These standards are based on comprehensive and periodic evaluations of the relevant scientific literature. Over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

● The design of Lexus Enform system complies with the FCC guidelines in addition to those standards.

● Contact with the Lexus response center is dependent upon the telematics device being in operative condition, cellular connection availability, navigation map data, and GPS satellite signal reception, which can limit the ability to reach the response center or receive support. Enrollment and Telematics Subscription Service Agreement required. A variety of subscription terms are available; charges vary by subscription term selected.

● The Lexus response center offers support in multiple languages.

● Select Lexus Enform Safety Connect-subscribed vehicles are capable of communicating vehicle information. Please see the terms and conditions for additional details.
Owners who do not wish to have their vehicle transmit this information can opt out at the time of enrollment or by calling 1-800-255-3987 and following the prompts for Lexus Enform Safety Connect.

● For further details about the service, contact your Lexus dealer.

● Lexus Enform functions are not subject to section 255 of the Telecommunications Act and the system is not TTY compatible.

● Certification

▶ For vehicles sold in the U.S.A., Canada and Puerto Rico

FCC ID: JOYJ79
IC: 574B-J79

FCC/IC WARNING:
Changes or modifications not expressly approved by the manufacture could void the user's authority to operate the equipment.
This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standards. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
This equipment complies with IC RSS-102 radiation exposure limits set forth for uncontrolled environment.
The antennas used for this transmitter must be installed to provide a separation distance of least 20cm from all persons.

FCC/IC AVERTISSEMENT:
L'utilisateur est averti que les changements ou modifications non express ément approuvés par le fabricant pourraient annuler l'autorité de l'utilisateur à utiliser l'équipement.
Ce appareil est compatible avec la Partie 15 du règlement FCC et de la Licence de l'industrie canadienne et des normes exemptes de RSS. Opé ration soumise aux deux conditions suivantes :
(1) ce appareil ne doit pas causer des interférences nuisibles, et
(2) cet appareil doit accepté toutes les interférences, y compris les interférences qui peuvent entraîner un fonctionnement indésirable de l'appareil.
Cet appareil est compatible aux limites d'exposition aux radiation IC RSS-102 définies pour un environnement non contrôlé.
Les antennes utilisées pour cet émetteur doivent être installées à une distance d'au moins 20 cm de toutes les personnes.

Type C: Function achieved by using DCM

The functionality of Lexus Enform Safety Connect is made possible by the use of a DCM.

For details, refer to "OWNER'S MANUAL".

Type D: Function achieved by using DCM and a cellular phone

The functionality of Lexus Enform Remote and Lexus Enform Service Connect are made possible by the use of a DCM and a cellular phone.

For details about these services, refer to http://www.lexus.com/enform/.

Lexus Enform Remote

Lexus Enform Remote is a cellular phone application that lets you view and remotely control certain aspects of your vehicle.

■ **Subscription**

- After you sign the Telematics Subscription Service Agreement (see the Lexus Enform Safety Connect section in "OWNER'S MANUAL"), download the Lexus Enform Remote app from your cellular phone's app store, and register within the app (or enroll and complete registration at the dealer), you can begin using these services.
- A variety of subscription terms are available. Contact your Lexus dealer, or call 1-800-25-LEXUS (1-800-255-3987) for further subscription details.

■ **Availability of function**

- Lexus Enform Remote is available in the contiguous United States, Washington D.C., and Alaska.

WARNING

- Operating Lexus Enform Remote incorrectly may lead to unforeseen accidents or malfunctions. Check the vehicle condition and assume full responsibility before using.

- Lexus Enform Remote should only be used by authorized users.
- Laws in some communities may require that the vehicle be within view of the user when operating Lexus Enform Remote. In some states, use of Lexus Enform Remote may violate state or local laws. Before using Lexus Enform Remote, check your state and local laws.
- Any malfunction of the Lexus should be repaired by your Lexus dealer.
- Lexus Enform Remote is designed to work at temperatures above -22 °F (-30 °C). This specification is related to the Lexus Enform Remote operation, but is dependent on the vehicle's operating temperature range which may be different.
- Content is subject to change without notice.
- Some features of the Lexus Enform Remote may not be available on some models.
- Additional information can be found at www.lexus.com/enform/.

Lexus Enform Service Connect

Lexus Enform Service Connect uses DCM to collect and transmit vehicle data that allows Lexus to provide:

- Vehicle Health Report (VHR) (Safety Recalls, Service Campaigns, Current Vehicle Alerts, Required Maintenance, and Vehicle Condition Status)
- Maintenance Notifications
- Vehicle Alert Notifications

Availability of function

Lexus Enform Service Connect is available in the contiguous United States, Washington D.C., Hawaii, Alaska, and Canada.

- Availability of functions of the Lexus Enform Service Connect is dependent on network reception level.

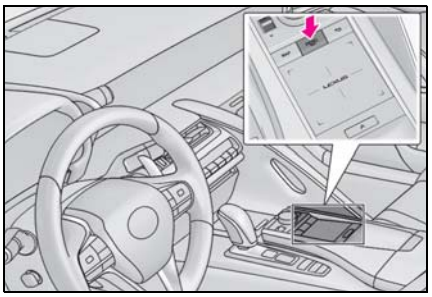
Lexus Enform App Suite 2.0

App Suite is a function that enables applicable apps installed on a cellular phone to be displayed on and operated from the navigation screen. Before App Suite can be used, a few settings need to be performed. (→P.210)

For details about the functions and services provided by each application, refer to http://www.lexus.com/enform/.

Using Lexus Enform App Suite 2.0

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



2 Select "Apps".

3 Select the desired application screen button.

: Select to activate an application.

"Update": Select to update the applications. (→P.217)

"App Catalog": Select to change the order of the applications. (→P.218)

2: Displays the number of new notifications for the application

Updating an application

When App Suite is activated, an application may need to be updated. By updating the application, it can be kept to the latest version. To update an application, it is necessary to download update data and install it.

■ **Downloading update**

If an update is available, "Update" can be selected.

1 Select "Update" on the "Enform App Suite" screen. (→P.217)

2 Check that downloading starts.

"Download in Background": Select to operate other functions while downloading.

"Cancel": Select to cancel updating.

3 Check that downloading is complete.

"Later": Select to install later. When this screen button is selected, the screen will return to the last displayed screen. To install the update data: (→P.217)

"See Detail": Select to display detailed information on the update data.

"Install": Select to install the update data. Follow the steps "Installing the update data" from step **2**. (→P.217)

■ **Installing the update data**

After the downloading is complete, "Update" will be changed to "Install".

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

2 Select "Apps".

3 Select "Install".

4 Select "Continue".

"Later": Select to postpone the installation of the update data and go back to the pre-

vious screen.

5 Check that installing is started.

"Install in Background": Select to operate other function while installing.

6 Select "OK" after the installing is complete.

● The App Suite function cannot be operated while installing.

Reordering the applications

Order of the applications can be changed.

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

2 Select "Apps".

3 Select "App Catalog".

4 Select the desired application to be moved.

5 Select ◀ or ▶ to move the application, and select "Done".

If a message appears on the screen

When problems occur with starting the application player, a message will appear on the screen. Referring to the table below, identify the problem and take the suggested corrective action.

● "When it is safe and legal to do so, please ensure your Enform App Suite application is running and logged in on your phone."

The Lexus Enform App Suite 2.0 application cannot be connected to Bluetooth® SPP.

Refer to http://www.lexus.com/enform/ to confirm if the phone is Bluetooth® SPP compatible or not, and then activate the App Suite application.

● "Installation failed, please try again"

Installation can be attempted again by changing to the "Entune App Suite" screen and pressing the "Install" switch.

● "Application download error. Please try again later."

Downloading can be attempted again by checking the communication status, changing to the "Entune App Suite" screen and pressing the "Download" switch again.

● "Download error, some Enform App Suite functions may not work as expected. Please reinitiate the download process."

The Lexus Enform App Suite 2.0 application cannot be connected to Bluetooth® SPP.

Refer to http://www.lexus.com/enform/ to confirm if the phone is Bluetooth® SPP compatible or not, and then activate the App Suite application.

Please ensure your Enform App Suite application is running and logged in on your phone while vehicle is not moving.

● "To use the services, Enform App Suite 2.0 application needs to be running on your phone. For more information, please visit lexus.com or call 1-800-255-3987."

The Lexus Enform App Suite 2.0 application cannot be connected to Bluetooth® SPP.

Refer to http://www.lexus.com/enform/ to confirm if the phone is Bluetooth® SPP compatible or not, and then activate the App Suite application.

● "Communication unsuccessful. Please try again."

Communication was disconnected.

After a few moments, retry the operation.

Entering keyword operation

A keyword can be entered to an application by the software keyboard or voice recognition function. For details about the functions and services provided by each application, refer to http://www.lexus.com/enform/.

● The keyboard layout can be changed. (→P.51)

Entering a keyword using the software keyboard

1 Press the "MENU" button on the Remote Touch.
2 Select "Apps".
3 Select the desired application screen button.
4 Select the character entering space.
5 Enter a search term, and then select "OK".
6 Entering characters will be reflected on the character entering space.

● For details on operating the keyboard: →P.34

Entering a keyword using the voice recognition function

1 Press the "MENU" button on the Remote Touch.
2 Select "Apps".
3 Select the desired application screen button.
4 Press the talk switch. (→P.154)
5 Say the desired keyword.

● Completion of the keyword will be detected automatically.

6 Search results will be displayed on the screen.

Lexus Enform Destinations

Destination Assist

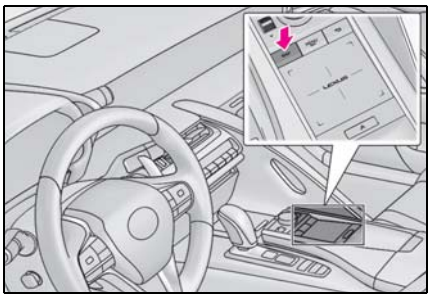
Destinations provide you with live assistance for finding destinations via the Lexus response center. You can request either a specific business, address, or ask for help locating your desired destination by category, such as restaurants, gas stations, shopping centers or other Points of Interest (POI).

After you tell the agent your choice of destination, its coordinates are sent wirelessly to your vehicle's navigation system.

Make a call with destination assist

■ From the map screen

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

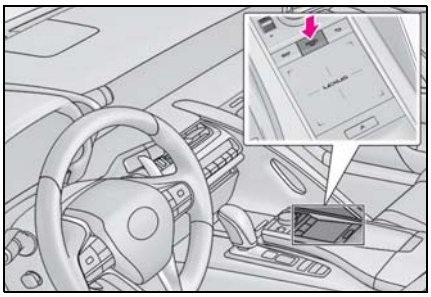


2 Select .

3 Follow the steps in "From the menu screen" from step 2. (→P.220)

■ From the menu screen

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



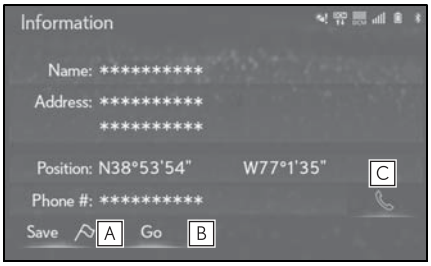
2 Select "Destination".

3 Select "Dest Assist".

4 When an agent comes on the line, tell the agent the address, business name, or the type of POI or service.

- To adjust the call volume, select "-" or "+", or use the volume switch on the steering wheel during the call.
- To hang up the phone, select "Disconnect" or press the switch on the steering wheel.

5 After the agent helps you determine your location of choice, this screen is displayed. Select the screen button of the desired action.



A Select to register as a memory point.

B Select to set as a destination.

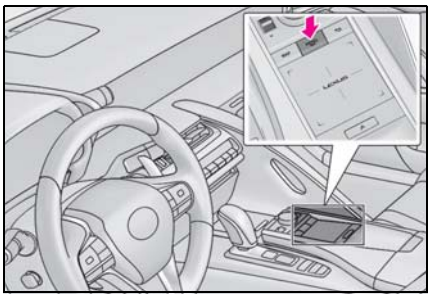
C Select to call the registered number.

Lexus Enform App Suite 2.0 settings

The settings of App Suite can be changed.

Displaying the Lexus Enform App Suite 2.0 settings screen

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

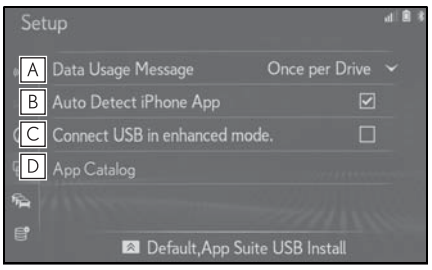


2 Select "Setup".

3 Select "Enform App Suite" on the sub menu.

4 Select the items to be set.

Lexus Enform App Suite 2.0 settings screen



A Select to set the pop up reminder for cellular phone data usage. (→P.222)

B Select to detect iPhone app automatically on/off.

C Select to set the enhanced mode with connecting USB device on/off. This function cannot be used on this vehicle.

D Select to configure the Enform Apps menu layout (e.g. app order, which applications are activated, etc.). This updates a setting file stored on the Lexus Enform App Suite 2.0 Server, this settings file can also be updated from the navigation system, smartphone app and by web portal.

- By pressing the button on the Remote Touch, following buttons can be displayed.

"Default": Select to reset all setup items.

"App Suite USB Install": Select to install Apps via USB device. This function cannot be used on this vehicle.

Data usage message settings

The phone data plan pop-up can be set when a paid application is downloaded.

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

2 Select "Setup".

3 Select "Enform App Suite" on the sub menu.

4 Select "Data Usage Message".

5 Check the desired function to be operated.

Index

Alphabetical Index 224

Alphabetical Index

A

AM/FM/SiriusXM (SXM) radio 110
- Available HD Radio™ technology 113
- Displaying the radio ID 116
- How to subscribe to SiriusXM Satellite Radio 114
- If the satellite radio tuner malfunctions 116
- Overview 110
- Radio broadcast data system 112
- Smart favorites 116
- Sub menu 111
- Troubleshooting guide 114
- Using HD Radio™ technology 113

"Apps" button (Menu screen) 16, 217
Audio/visual remote controls 132
"Audio" button ("Setup" screen) 20, 134
Audio settings 134
- Audio settings screen 134
- Displaying the audio settings screen. 134
- Language codes list 137

AUX 131
- Overview 131
- Sub menu 131

B

Back button (Remote Touch) 14, 27
Basic function 12
Basic information before operation 26
Basic operation 60, 104
"Bluetooth*" button ("Setup" screen) .. 20, 42
Bluetooth® audio 128
- Connecting a Bluetooth® device 130
- Overview 128
- Sub menu 130

Bluetooth® phone message function .. 190
- Calling the message sender 192
- Checking received messages 191
- Displaying the message inbox screen 190
- Receiving a message 191
- Replying to a message 192

Bluetooth® settings 38

*: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

C

Calling on the Bluetooth® phone 184
- By call history 184
- By contacts list 185
- By dial pad 186
- By favorites list 185
- Displaying phone top screen 184

CD 119
- Overview 119
- Sub menu 120

"Climate" button (Menu screen) 16
Command list 156
- Command list overview 156
- Command list 156

D

"Data Service" button ("Setup" screen) 20, 165
Data services settings 165
- Setting download methods 165

"Destination" button (Menu screen) . 16, 71
Destination search 71
Destination search operation 71
- Destination search by destination assist 72
- Destination search screen 71
- Searching by address 72
- Searching by emergency 76
- Searching by favorites list 72
- Searching by point of interest 74
- Searching from recent destinations 73
- Selecting search area 71
- Setting home as destination 72

Setting home/preset destination and displaying estimated arrival time on the map....76
Detailed navigation settings....92
Detailed navigation settings screen....92
Displaying the detailed navigation settings screen....92
Display and operation switches....12
Names of each part....12
DVD....121
DVD options....122
Overview....121
Sub menu....122

E

"ECO" button ("Information" screen)....21
Editing route....85
Displaying the edit route screen....85
Eject button....106
"Enform App Suite" button ("Setup" screen)....20, 222
Entering letters and numbers/list screen operation....34
Entering letters and numbers....34
List screen....35
"eOwner's Manual" button (Information screen)....21
Estimated course line display mode....170
Parking....171
Screen description....170

F

Functional overview....208
Functional overview....208

G

"General" button ("Setup" screen)..20, 51
General settings....51
Displaying the general settings screen 51
General settings screen....51
GPS (Global Positioning System)....99
Limitations of the navigation system....99
Guiding the route....23
Deleting destinations....23
Setting the destination....23

H

How to use the Remote Touch....27
Touchpad gestures....28
Touchpad operation....27

I

"Info" button (Menu screen)....16, 21
Information display....164
Information screen....21
Information screen....21
Initial screen....26
Caution screen....26
Maintenance information....26
Restarting the system....26
Internet radio....118
Listening to internet radio....118
iPod....126
Overview....126
Sub menu....127

L

Lexus Enform App Suite 2.0....217
Entering keyword operation....219
Using Lexus Enform App Suite 2.0....217
Lexus Enform App Suite 2.0 settings. 222
Displaying the Lexus Enform App Suite 2.0 settings screen....222
Lexus Enform App Suite 2.0 settings screen....222
Lexus Enform Destinations....220
Destination Assist....220
Lexus Enform operation....217
Lexus Enform overview....208
Lexus parking assist monitor....168, 168

Driving precautions....168
Screen display....168
Using the system....169
Lexus parking assist monitor precautions....173
Area displayed on screen....173
Differences between the screen and the actual road....174
The camera....173
When approaching three-dimensional objects....175
Linking multi-information display and navigation system....37

M

"MAP" button (Remote Touch). 14, 60, 62
Map database version and covered area....101
Map information....101
Map screen....60
How to see the current position guiding the route....60
Map screen information....65
Displaying information about the icon where the cursor is set....67
Displaying the map options screen....65
Standard map icons....68
Switching the map mode....66
Map screen operation....62
Adjusting location in small increments64
Current position display....62
Map scale....62
Orientation of the map....63
Screen scroll operation....63
"MEDIA" button (Audio control switch)....105
"Media" button (Menu screen)....16, 104
Media operation....119
"MENU" button (Remote Touch)....14, 16
Menu screen....16
Menu screen operation....16
Mobile Assistant....161
Mobile Assistant operation....161
Mobile Assistant operation....161

N

"Navigation" button ("Setup" screen).. 20, 92
Navigation operation....22
Navigation settings....87
Displaying navigation settings screen 87
Navigation settings screen....87
Setting up areas to avoid....90
Setting up favorites list....88
Setting up home....87

O

Operating information....140
DVD player and disc....141
Error messages....151
File information....146
High-resolution sound source....146
iPod....145
Radio....140
Terms....150
Operating the map screen....22
Displaying the current position of the vehicle on the map screen....22
Moving the map screen....22
Zooming in /out the map....22
Operating the screen....30
Names and operations of each part....30
Other settings....51

P

Parking assist guide line display mode. 172
Parking....172
Screen description....172
"Phone" button (Menu screen)....16, 180
"Phone" button ("Setup" screen)....20, 194
Phone operation (Hands-free system for cellular phones)....180

Phone settings 194
"Contacts/Call History" screen 196
"Messaging" screen 201
"Notifications" screen 195
"Sounds" screen 194
Displaying the phone settings screen 194
Phone settings screen 194
"PWR·VOL" knob (Audio control switch) 105

Q

Quick reference 104, 180
Functional overview 104
Phone top screen operation 180

R

"RADIO" button (Audio control switch) 105
"Radio" button (Menu screen) 16, 104
Radio operation 110
Receiving on the Bluetooth® phone 187
Incoming calls 187
Receiving weather information 164
Displaying weather information 164
Registering/Connecting Bluetooth® device 38
Profiles 41
Registering a Bluetooth® audio player for the first time 40
Registering a Bluetooth® phone for the first time 38
Registering home 24
Registering home 24
Setting home as the destination 24
Remote Touch 14
Names and operations of each part 14
Route guidance 81
Route guidance screen 81
During freeway driving 82
Screen for route guidance 81
Turn list screen 84
Turn-by-turn arrow screen 84
When approaching intersection 83

S

"SEEK/TRACK" switch (Audio control switch)
AM/FM/SiriusXM (SXM) radio 110
Bluetooth® audio 129
CD 120
DVD 121
iPod 126
USB memory 124
Setting Bluetooth® details 42
"Detailed Settings" screen 48
Bluetooth® setup screen 42
Connecting a Bluetooth® device 44
Deleting a Bluetooth® device 44
Displaying the Bluetooth® setup screen 42
Editing the Bluetooth® device information 46
Registering a Bluetooth® device 43
Setup 87, 134, 194, 222
"Setup" button (Menu screen) 16, 20
"Setup" screen 20
"Setup" screen 20
Some basics 105, 181
About the contacts in the contact list 183
Audio screen adjustment 108
Disc slot 106
Registering/Connecting a Bluetooth® phone 181
Reordering the audio source 106
Selecting an audio source 105
Sound settings 107
Turning the system on and off 105
USB/AUX port 106
Using the phone switch/microphone 182
Voice command system 109, 182

When selling or disposing of the vehicle 183
Starting route guidance 77
Confirm destination screen 78
Entire route map screen 78
Starting route guidance 77
Status icon 18
Status icon explanation 18
Steering switch
"<>" switch 132
"MODE" switch 132
Talk switch 154, 182
TEL switch 182
Volume control switch 132, 182
Steering switches 132
Steering switch operation 132
Sub function button (Remote Touch) 14, 15

T

Talking on the Bluetooth® phone 188
Call screen operation 188
Incoming call waiting 189
Sending tones 189
Transmit volume setting 189
Things you should know 177
If you notice any symptoms 177
Tips for operating the audio/visual system 140
Tips for the navigation system 99
Touchpad (Remote Touch) 14, 27
"Traffic" button ("Setup" screen) 20, 95
"Traffic Incidents" button (Information screen) 21, 68
Traffic information 68
Displaying the traffic screen 68
Displaying traffic information on the map 70
Traffic settings 95
Displaying the traffic settings screen 95
Screen for traffic settings 95
Troubleshooting 203
Troubleshooting 203
"TUNE" switch (Audio control switch)
AM/FM/SiriusXM (SXM) radio 110
Bluetooth® audio 129
CD 120
DVD 121
iPod 126
USB memory 124
Type A: Function achieved by using a cellular phone 209
Before using the function 210
By using a cellular phone 209
Preparation before using Lexus Enform App Suite 2.0 210
Type B: Function achieved by using DCM and the navigation system 212
Before using the function 212
Type C: Function achieved by using DCM 215
Type D: Function achieved by using DCM and a cellular phone 215
Lexus Enform Remote 215
Lexus Enform Service Connect 216
Typical voice guidance prompts 84

U

USB memory 123
Overview 123
Sub menu 125
Using side display 32
Switching the side display 32

V

"Vehicle Alert History" button (Information screen) 21
"Vehicle" button ("Setup" screen) 20, 56
Vehicle settings 56
Displaying the vehicle settings screen 56
Maintenance 56
Setting the valet mode 58
Vehicle settings screen 56

"Voice" button ("Setup" screen) 20, 55
Voice command system.....154
Using the voice command system.....154
Voice command system operation..155
Voice command system operation.....154
Voice settings 55
Displaying the voice settings screen..55
Voice settings screen.....55

W

"Weather" button (Information screen) 21, 164
What to do if... 203

For more information about the following items, see the "OWNER'S MANUAL".

- Air conditioning
- Energy monitor (LC500h)
- Fuel consumption
- Vehicle customization
- Drive Mode customization
- Blind Spot Monitor
- Intuitive parking assist

Map database information and updates

END USER LICENSE AGREEMENT

END USER TERM

The content provided by HERE (“Data”) is licensed, not sold. By opening this package, or installing, copying, or otherwise using the Data, you agree to be bound by the terms of this agreement.

The Data is provided for your personal, internal use only and may not be resold. It is protected by copyright, and is subject to the following terms (this “End User License Agreement”) and conditions which are agreed to by you, on the one hand, and HERE and its licensors (including their licensors and suppliers) on the other hand. For purposes of these terms, “HERE” shall mean (a) HERE North America, LLC with respect to Data for the Americas and/or the Asia Pacific region and (b) HERE Europe B.V. for Data for Europe, the Middle East and/or Africa.

The Data includes certain information and related content provided under license to HERE from third parties and is subject to the applicable supplier terms and copyright notices set forth at the following URL:http://corporate.navteq.com/supplier_terms.html.

TERMS AND CONDITIONS

License Limitations on Use: You agree that your license to use this Data is limited to and conditioned on use for solely personal, noncommercial purposes, and not for service bureau, timesharing or other similar purposes. Except as otherwise set forth herein, you agree not to otherwise reproduce, copy, modify, decompile, disassemble or reverse engineer any portion of this Data, and may not transfer or distribute it in any form, for any purpose, except to the extent permitted by mandatory laws.

License Limitations on Transfer: Your limited license does not allow transfer or resale of the Data, except on the condition that you may transfer the Data and all accompanying materials on a permanent basis if: (a) you retain no copies of the Data; (b) the recipient agrees to the terms of this End ¬User License Agreement; and (c) you transfer the Data in the exact same form as you purchased it by physically transferring the original media (e.g., the CD-ROM or DVD you purchased), all original packaging, all Manuals and other documentation. Specifically, Multidisc sets may only be transferred or sold as a complete set as provided to you and not as a subset thereof.

Additional License Limitations: Except where you have been specifically licensed to do so by HERE in a separate written agreement, and without limiting the preceding paragraph, your license is conditioned on use of the Data as prescribed in this agreement, and you may not (a) use this Data with any products, systems, or applications installed or otherwise connected to or in communication with vehicles capable of vehicle navigation, positioning, dispatch, real time route guidance, fleet management or similar applications; or (b) with, or in communication with, including without limitation, cellular phones, palmtop and handheld computers, pagers, and personal digital assistants or PDAs.

Warning: This Data may contain inaccurate or incomplete information due to the passage of time, changing circum-stances, sources used and the nature of collecting comprehensive geographic Data, any of which may lead to incorrect results.

No Warranty: This Data is provided to you “as is” , and you agree to use it at your own risk. HERE and its licensors (and their licensors and suppliers) make no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise, including but not limited to, content, quality, accuracy, completeness, effectiveness, reliability, fitness for a particular purpose, usefulness, use or results to be obtained from this Data, or that the Data or server will be uninterrupted or error free.

Disclaimer of Warranty: HERE AND ITS LICENSORS (INCLUDING THEIR LICENSORS AND SUPPLIERS) DISCLAIM ANY WARRANTIES, EXPRESS OR IMPLIED, OF QUALITY, PERFORMANCE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. Some States, Territories and Countries do not allow certain warranty exclusions, so to that extent the above exclusion may not apply to you.

Disclaimer of Liability: HERE AND ITS LICENSORS (INCLUDING THEIR LICENSORS AND SUPPLIERS) SHALL NOT BE LIABLE TO YOU IN RESPECT OF ANY CLAIM, DEMAND OR ACTION, IRRESPECTIVE OF THE NATURE OF THE CAUSE OF THE CLAIM, DEMAND OR ACTION ALLEGING ANY LOSS, INJURY OR DAMAGES, DIRECT OR INDIRECT, WHICH MAY RESULT FROM THE USE OR POSSESSION OF THIS DATA; OR FOR ANY LOSS OF PROFIT, REVENUE, CONTRACTS OR SAVINGS, OR ANY OTHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF YOUR USE OF OR INABILITY TO USE THIS DATA, ANY DEFECT IN THIS DATA, OR THE BREACH OF THESE TERMS OR CONDITIONS, WHETHER IN AN ACTION IN CONTRACT OR TORT OR BASED ON A WARRANTY, EVEN IF HERE OR ITS LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some States, Territories and Countries do not allow certain liability exclusions or damages limitations, so to that extent the above may not apply to you.

Export Control: You agree not to export from anywhere any part of the Data or any direct product thereof except in compliance with, and with all licenses and approvals required under, applicable export laws, rules and regulations, including but not limited to the laws, rules and regulations administered by the Office of Foreign Assets Control of the U.S. Department of Commerce and the Bureau of Industry and Security of the U.S. Department of Commerce. To the extent that any such export laws, rules or regulations prohibit HERE from complying with any of its obligations hereunder to deliver or distribute Data, such failure shall be excused and shall not constitute a breach of this Agreement.

Entire Agreement: These terms and conditions constitute the entire agreement between HERE (and its licensors, including their licensors and suppliers) and you pertaining to the subject matter hereof, and supersedes in their entirety any and all written or oral agreements previously existing between us with respect to such subject matter.

Severability: You and HERE agree that if any portion of this agreement is found illegal or unenforceable, that portion shall be severed and the remainder of the Agreement shall be given full force and effect.

Governing Law: The above terms and conditions shall be governed by the laws of the State of Illinois (for Data for the Americas and/or the Asia Pacific region) or The Netherlands (for Data for Europe, the Middle East and Africa), without giving effect to (i) its conflict of laws provisions, or (ii) the United Nations Convention for Contracts for the International Sale of Goods, which is explicitly excluded. For any and all disputes, claims and actions arising from or in connection with the Data (“Claims”), you agree to submit to the personal jurisdiction of (a) the State of Illinois for Claims related to Data for the Americas and/or the Asia Pacific region provided to you hereunder, and (b) The Netherlands for Data for Europe, the Middle East and/or Africa provided to you hereunder.

Government End Users: If the Data is being acquired by or on behalf of the United States government or any other entity seeking or applying rights similar to those customarily claimed by the United States government, this Data is a “commercial item” as that term is defined at 48 C.F.R. (“FAR”) 2.101, is licensed in accordance with this End User License Agreement, and each copy of Data delivered or otherwise furnished shall be marked and embedded as appropriate with the following “Notice of Use” , and be treated in accordance with such Notice:

NOTICE OF USE

CONTRACTOR (MANUFACTURER/ SUPPLIER) NAME:

HERE

CONTRACTOR (MANUFACTURER/SUPPLIER) ADDRESS:

425 West Randolph Street, Chicago, IL 60606.

This Data is a commercial item as defined in FAR 2.101 and is subject to the End User License Agreement under which this Data was provided.

© 1987-2017* HERE. All rights reserved. *original publication date

If the Contracting Officer, federal government agency, or any federal official refuses to use the legend provided herein, the Contracting Officer, federal government agency, or any federal official must notify HERE prior to seeking additional or alternative rights in the Data.

© 1987-2017* HERE. All rights reserved. *original publication date

END OF TERMS AND CONDITIONS
EXHIBIT A END USER TERMS

A. General Terms. Prior to the delivery of any Data to a user, Licensee shall obtain the user's agreement to terms and conditions of use substantially similar to, but no less protective of TCS, its licensors or VISA than the following terms:

"1. Personal Use Only. You agree to use this information for solely personal, non-commercial purposes, and not for service bureau, time-sharing or other similar purposes. You may not modify the information or remove any copyright notices that appear on the information in any way. You may not decompile, disassemble or reverse engineer any portion of this information, and may not transfer or distribute it in any form, for any purpose. Without limiting the foregoing, except for the in vehicle navigation system this information appears in, you may not use this information with any products, systems, or applications installed or otherwise connected to or in communication with vehicles, capable of vehicle navigation positioning, dispatch, real time route guidance, fleet management or similar applications.

2. No Warranty. This information is provided to you "as is," and you agree to use it at your own risk. AISIN AW CO, LTD, Inc. and its licensors (and their licensors and suppliers, collectively, "AISIN") make no guarantees, representations or warranties of any kind, express *or* implied, arising by law or otherwise, including but not limited to, and AISIN expressly disclaims any warranties regarding, content, quality, accuracy, completeness, effectiveness, reliability, fitness for a particular purpose, non-infringement, usefulness, use or results to be obtained from this information, or that the information or server will be uninterrupted or error free. Some states, territories and countries do not allow certain warranty exclusions, so to that extent, the above exclusion may not apply to you.

3. Disclaimer of Liability. AISIN SHALL NOT BE LIABLE TO YOU FOR ANY CLAIM, DEMAND OR ACTION, IRRESPECTIVE OF ITS NATURE, ALLEGING ANY LOSS, INJURY OR DAMAGES, WHETHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING ANY LOSS OF PROFIT, REVENUE OR CONTRACTS ARISING OUT OF YOUR POSSESSION, USE OF OR INABILITY TO USE THIS INFORMATION, ANY DEFECT IN THE INFORMATION, OR THE BREACH OF THESE TERMS OR CONDITIONS, WHETHER IN AN ACTION IN CONTRACT OR TORT OR BASED ON A WARRANTY, EVEN IF AISIN OR ITS LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some states, territories and countries do not allow certain liability exclusions or damages limitations, so to that extent the above may not apply to you.

4. Indemnity. You agree to indemnify, defend and hold AISIN and its licensors (including their respective licensors, suppliers, assignees, subsidiaries, affiliated companies, and the respective officers, directors, employees, shareholders, agents and representatives of each of them) free and harmless from and against any liability, loss, injury (including injuries resulting in death), demand, action, cost, expense, or claim of any kind or character, including but not limited to attorney's fees, arising out of or in connection with any use or possession by you of this information."

B. VISA. With respect to any VISA data, VISA specifically requires the following:

1. Licensee shall provide the Attribution to VISA with respect to the VISA data.

2. Licensee shall not allow data mining or downloading of the Information except in strictly limited quantities (a maximum of nine (9) locations per end-user search. An **end-user search** is a request by an end-user for a search of listings in a specific geographic area meeting certain criteria (for example, nearest listing to a waypoint or listings along a route segment). Any individual listing may be selected manually by the end-user for storage in a personal electronic address book or other form of memory in the navigation system. The personal electronic address book in the navigation system may be synchronized (not copied, reproduced, republished, uploaded, posted, transmitted, stored or distributed) with other devices operated by the end-user.

3. Licensee shall incorporate updates to the Data as soon as commercially feasible.

4. In addition to the general minimum terms included above, Licensee shall agree to require end-users to accept the following VISA-standard end user terms as a condition of access to the Data:

i.) All materials are the copyrighted property of AISIN and/or TELECOMMUNICATION SYSTEMS, INC. and its licensors. No material from this site may be copied, reproduced, republished, uploaded, posted, transmitted, stored, or distributed in any way, except that end user may download one listing (a location's name and address) on an individual non-automated basis per visiting session to the Licensee site or application, into end user's personal electronic address book. A personal electronic address book may not be shared by end user with other end users, nor may it be copied, reproduced, republished, uploaded, posted, transmitted, stored or distributed in any way. Use of the personal electronic address book must be for end user's personal, noncommercial use only.

ii.) End user may not use any material from AISIN's site or application for the purpose of compiling, enhancing, verifying, supplementing, or otherwise modifying VISA databases, lists, or directories of any kind, including, but not limited to, location databases, mailing lists, contact lists, marketing lists, geographic directories, or any other compilation or collation of information which is sold, rented, published, distributed, or in any manner supplied to a third party.

Certain business data provided by Infogroup © 2015, All Rights Reserved.

Certification

▶ For vehicles sold in the U.S.A., Hawaii and Puerto Rico

FCC ID: ACJ932AT1603

NOTE:
<§15.19(a)(3)> This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING:
<§15.21> Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION:
<§2.1091> Radio frequency radiation exposure information:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

FCC Warning :
Any unauthorized changes or modifications to this equipment would void the user' s authority to operate this device.

Information to User – Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

▶ For vehicles sold in Canada

NOTE:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE:
This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie II) a été approuv é par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

- Gracenote, the Gracenote logo and logotype, “Powered by Gracenote”, MusicID, Playlist Plus and MediaVOCS are either registered trademarks or trademarks of Gracenote, Inc. in the United States and/or other countries

Gracenote® End User License Agreement - Music

This application or device contains software from Gracenote, Inc. of Emeryville, California (“Gracenote”). The software from Gracenote (the “Gracenote Software”) enables this application to perform disc and/or file identification and obtain music-related information, including name, artist, track, and title information (“Gracenote Data”) from online servers or embedded databases (collectively, “Gracenote Servers”) and to perform other functions. You may use Gracenote Data only by means of the intended End-User functions of this application or device.

This application or device may contain content belonging to Gracenote’s providers. If so, all of the restrictions set forth herein with respect to Gracenote Data shall also apply to such content and such content providers shall be entitled to all of the benefits and protections set forth herein that are available to Gracenote.

You agree that you will use Gracenote Data, the Gracenote Software, and Gracenote Servers for your own personal non-commercial use only. You agree not to assign, copy, transfer or transmit the Gracenote Software or any Gracenote Data to any third party. YOU AGREE NOT TO USE OR EXPLOIT GRACENOTE DATA, THE GRACENOTE SOFTWARE, OR GRACENOTE SERVERS, EXCEPT AS EXPRESSLY PERMITTED HEREIN.

You agree that your non-exclusive license to use the Gracenote Data, the Gracenote Software, and Gracenote Servers will terminate if you violate these restrictions. If your license terminates, you agree to cease any and all use of the Gracenote Data, the Gracenote Software, and Gracenote Servers. Gracenote reserves all rights in Gracenote Data, the Gracenote Software, and the Gracenote Servers, including all ownership rights. Under no circumstances will Gracenote become liable for any payment to you for any information that you provide. You agree that Gracenote, Inc. may enforce its rights under this Agreement against you directly in its own name.

The Gracenote service uses a unique identifier to track queries for statistical purposes. The purpose of a randomly assigned numeric identifier is to allow the Gracenote service to count queries without knowing anything about who you are. For more information, see the web page for the Gracenote Privacy Policy for the Gracenote service.

The Gracenote Software and each item of Gracenote Data are licensed to you “AS IS.” Gracenote makes no representations or warranties, express or implied, regarding the accuracy of any Gracenote Data from the Gracenote Servers. Gracenote reserves the right to delete data from the Gracenote Servers or to change data categories for any cause that Gracenote deems sufficient. No warranty is made that the Gracenote Software or Gracenote Servers are error-free or that functioning of Gracenote Software or Gracenote Servers will be uninterrupted. Gracenote is not obligated to provide you with new enhanced or additional data types or categories that Gracenote may provide in the future and is free to discontinue its services at any time.

GRACENOTE DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, AND NON-INFRINGEMENT. GRACENOTE DOES NOT WARRANT THE RESULTS THAT WILL BE OBTAINED BY YOUR USE OF THE GRACENOTE SOFTWARE OR ANY GRACENOTE SERVER. IN NO CASE WILL GRACENOTE BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES OR FOR ANY LOST PROFITS OR LOST REVENUES.

copyright © 2000 to present Gracenote

▶ For U.S. owners

Total Traffic and Weather Network, a division of TTWN Media Networks, LLC (“TTWN”), owns or holds the rights to the traffic, news, sports, weather, stocks and other data (the “TTWN Data”) and network through which it is delivered, together the “TTN Service”. Use of the TTN Service is subject to the terms of these Device End User Terms.

THE TTWN SERVICE IS INFORMATIONAL ONLY. YOUR USE OF TTWN SERVICE IS AT YOUR SOLE RISK. TTWN DATA IS PROVIDED “AS IS”, “WHERE IS”, AND “WHERE AVAILABLE”. TTWN AND ITS SUPPLIERS AND LICENSORS EXPRESSLY DISCLAIM ALL WARRANTIES WITH RESPECT TO THE TTWN SERVICE (INCLUDING, WITHOUT LIMITATION, THAT THE TTWN DATA WILL BE ERROR-FREE, THAT THE TTWN SERVICE WILL OPERATE WITHOUT INTERRUPTION OR THAT THE TTWN DATA WILL BE ACCURATE), EXPRESS, IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, FITNESS FOR A PARTICULAR PURPOSE, OR THOSE ARISING FROM A COURSE OF DEALING OR USAGE OF TRADE.

TTWN AND ITS SUPPLIERS AND LICENSORS WILL NOT BE LIABLE TO YOU UNDER ANY LEGAL THEORY, INCLUDING CONTRACT, TORT, NEGLIGENCE OR STRICT LIABILITY, FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, CONSEQUENTIAL OR EXEMPLARY DAMAGES, INCLUDING BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, GOODWILL, USE, DATA OR OTHER INTANGIBLE LOSSES (EVEN IF TTWN, ITS SUPPLIERS OR LICENSORS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES), RESULTING FROM OR ARISING OUT OF YOUR USE OF, OR YOUR INABILITY TO USE, THE TTWN SERVICE, THIS AGREEMENT, OR ANY OTHER MATTER RELATING TO THE TTWN SERVICE.

SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF CERTAIN WARRANTIES OR THE LIMITATION OR EXCLUSTION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. ACOORDINGLY, SOME OF THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

▶ For vehicles sold in Canada

CAUTION:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain.