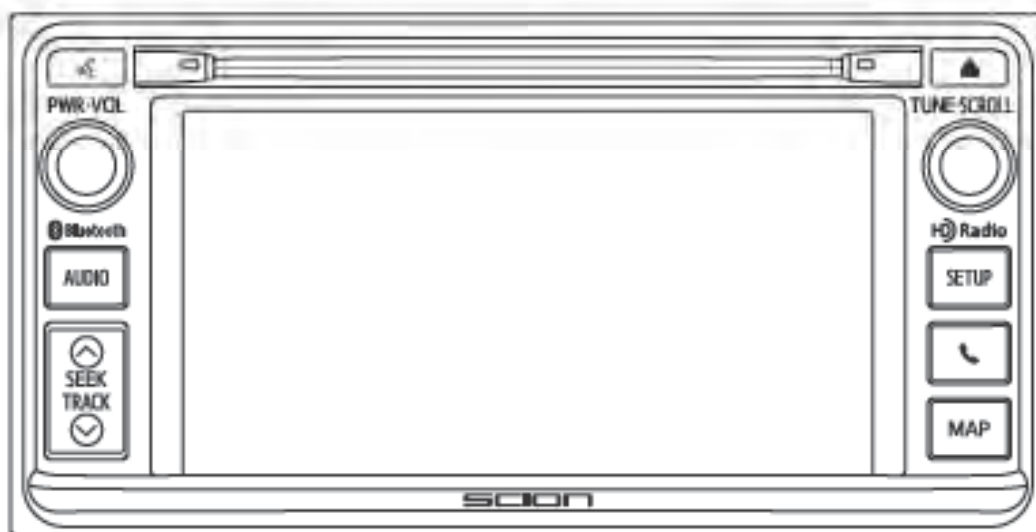




Audio System Owners Manual



BeSpoke **Premium Audio**
featuring @aha

Part Number: PT296-00140

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Introduction

DISPLAY AUDIO SYSTEM OWNER'S MANUAL

This manual explains the operation of the Display Audio 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 Display Audio system differ depending on whether the functions and/or a contract existed and the map data available at the time of producing this document.

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 is developed by "Harman International" using "Navteq" maps. The calculated routes may not be the shortest nor the least traffic congested. Your own personal local knowledge or "short cut" may at times be faster than the calculated routes.

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

The system will provide both a visual map and audio instructions. The audio instructions will announce the distance remaining and the direction to turn in 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 the satellite condition, road configuration, vehicle condition or other circumstances. For more information on the limitations of the system, refer to page 65.

TOYOTA MOTOR CORPORATION

IMPORTANT INFORMATION ABOUT THIS MANUAL

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



CAUTION

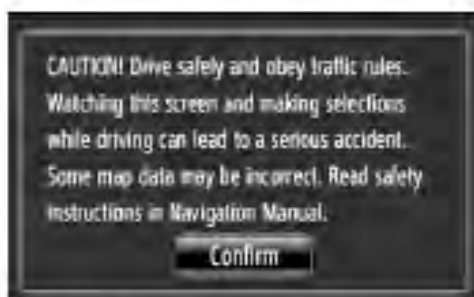
- This is a warning against anything which may cause injury to people if the warning is ignored. You are informed about what you must or must not do in order to reduce the risk of injury to yourself and others.



NOTICE

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

SAFETY INSTRUCTION



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

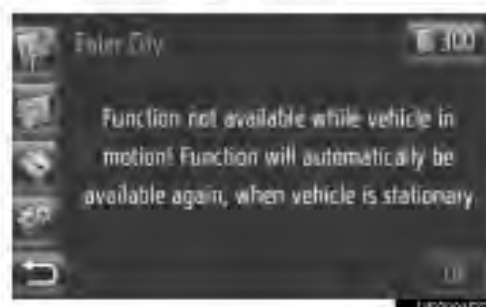
This system is intended to assist in reaching the destination and, if used properly, can do so. The driver is solely responsible for the safe operation of your vehicle and the safety of your passengers.

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 Display Audio system Owner's 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 using a keyboard.

► Navigation lockout message screen when vehicle is in motion



CAUTION

- For safety, the driver should not operate the Display Audio 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 vehicle 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 instruction 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.

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5 VOICE COMMAND SYSTEM

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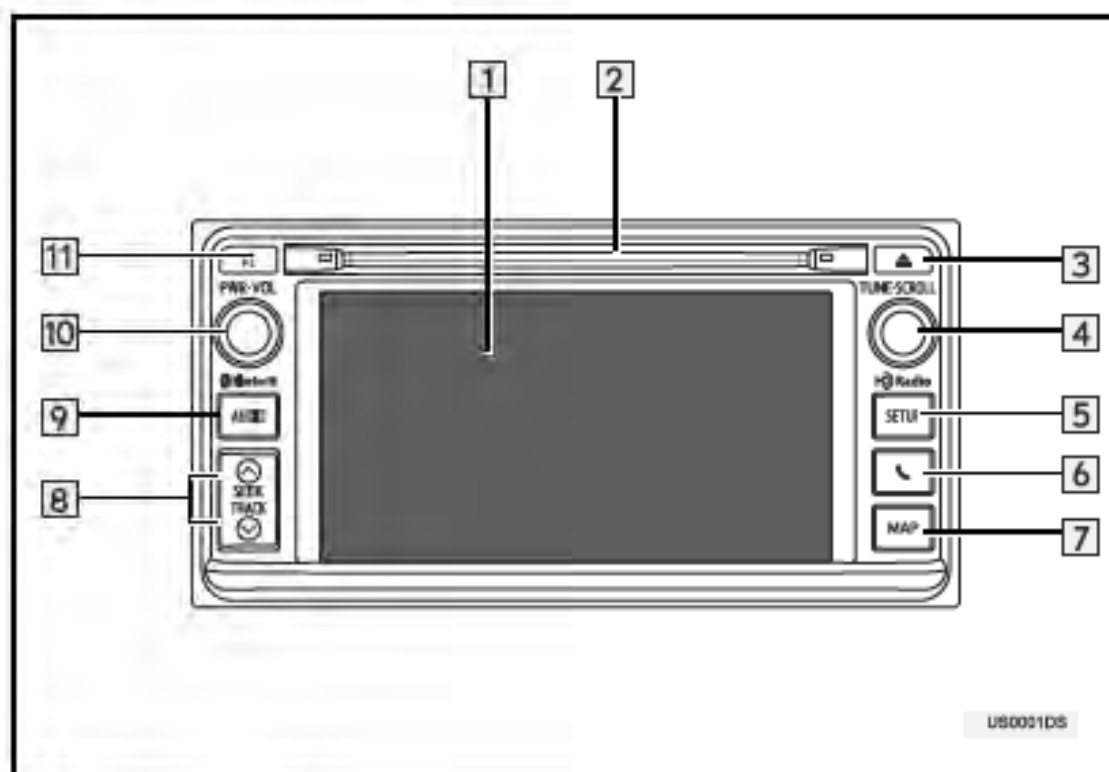
6

QUICK GUIDE

1 CONTROLS AND FEATURES

- 1. OVERVIEW BUTTONS..... 10
- 2. SYSTEM FUNCTION INDEX..... 12
- 3. TOUCH PANEL SCREEN
OPERATION..... 13
 - INPUT SCREEN OPERATION 13
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1. OVERVIEW BUTTONS



No.	Name	Function	Page
1	Touch panel screen display	By touching the screen with your finger, you can control the selected functions.	13
2	Disc slot	Insert a disc into this slot. The CD player turns on immediately.	83
3	▲ button	Press this button to eject a disc.	83
4	"TUNE/SCROLL" knob	Turn this knob to select radio station bands, tracks and files. Also, the knob can be used for selection from the list display.	73
5	"SETUP" button	Press this button to customize the function settings.	166
6	☎ button	Press this button to access the Bluetooth® hands-free system.	130
7	"MAP" button	Press this button to access the navigation system.	24
8	"SEEK/TRACK" button	Press the "▲" or "▼" button to seek up or down for a radio station, or to access a desired track or file.	78, 85, 86, 102, 115
9	"AUDIO" button	Press this button to access the audio system. The audio system turns on in the last mode used.	72, 73, 74
10	"PWR/VOL" knob	Press this knob to turn the audio system on and off, and turn it to adjust the volume.	73

No.	Name	Function	Page
11	 Talk button	Activate the voice recognition mode.	163

2. SYSTEM FUNCTION INDEX

AUDIO SYSTEM

To access the audio system, press the **"AUDIO"** button. The audio control screen will be displayed. Audio sources: Radio, Aha audio, Bluetooth® audio, USB/iPod, CDs, and AUX. For details, see pages 71.



Bluetooth® HANDS-FREE SYSTEM

To access the Bluetooth® hands-free system, press the  button. The driver can make or receive phone calls without taking their hands off the steering wheel. For details, see page 129.



VOICE COMMAND SYSTEM

To access the voice command system, press the  talk button. For details, see pages 161.



SETUP

To customize the function settings, press the **"SETUP"** button. The interface language can also be changed from the setup menu. Function not available on all models. For details, see pages 165.



3. TOUCH PANEL SCREEN OPERATION

This system is operated mainly by the screen buttons on the screen.

- When a screen button on the screen is touched, a beep sounds. (To set a beep sound, see page 167.)



NOTICE

- To prevent damaging the screen, lightly touch the screen buttons with your finger.
- Do not use objects other than your finger to touch the screen.
- Wipe off fingerprints using a glass cleaning cloth. Do not use chemical cleaners to clean the screen, as they may damage the touch screen.
- To prevent the 12-volt battery from being discharged, do not leave the system on longer than necessary when the engine is not running (hybrid vehicles: the hybrid system is off).

INFORMATION

- If the system does not respond to a touch on a screen button, move the finger away from the screen and then touch it again.
- Dimmed screen buttons cannot be operated.
- The displayed image may become darker and moving images may be slightly distorted when the display is cold.
- Under extremely cold conditions, the screen may not be displayed and the data input by a user may be deleted. Also, the screen buttons may be harder than usual to depress.
- When you look at the screen through polarized material such as polarized sunglasses, the screen may be dark and hard to see. If so, look at the screen from different angles, adjust the screen settings (See "DISPLAY SETTINGS" on page 171.), or take off your sunglasses.

INPUT SCREEN OPERATION

When searching for an address or a name, letters and numbers can be input via the screen.

INFORMATION

- Letters cannot be input while driving. Commands can be entered via voice recognition when available. (See page 161.)

INPUTTING LETTERS AND NUMBERS

- 1 Touch the keys directly to input letters or numbers.

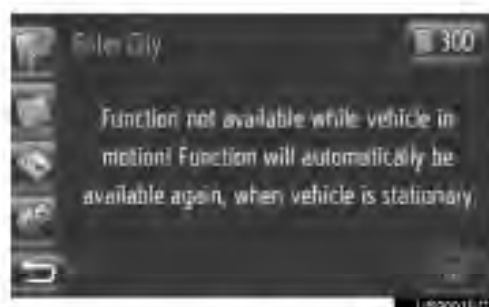


 : Touch to delete one letter. Touch and hold to continue deleting letters.

- 2 Touch "OK".

INFORMATION

- When a character is input, a hint will appear displaying a possible match for the word to be searched.
- Currently unavailable screen buttons will be dimmed.
- When an entry is too long to be displayed in the input field, the last section of the input text will be displayed with the initial section displayed as "...".
- If the vehicle starts moving while letters are being input, a warning message will be displayed and letters cannot be input. Touch "Previous" to return to the previous screen.

**INFORMATION**

- In the following situations, the input mode will automatically change between upper and lower case.
 - When the keyboard layout is changed to upper case input, the layout will automatically change back to lower case input after one letter has been entered.
 - When "/", "&", ".", or "(" is input, the keyboard layout will automatically be changed to upper case input.
 - When all characters are deleted, the keyboard layout will automatically change to upper case input.

CHANGING BETWEEN LOWER CASE AND UPPER CASE

- 1 Touch **A•a** or **a•A**.



A•a : Touch to enter in lower case.

a•A : Touch to enter in upper case.

- Each time **A•a** or **a•A** is touched, input will change between upper case and lower case input.

INPUTTING SYMBOLS

1 Touch **A^@**.



2 Touch **EØU** (**éøü**) or **@+#**.



► **EØU** (**éøü**) keyboard layout



► **@+#** keyboard layout



3 Touch the symbol keys directly to input symbols.

ENTERING FROM THE LIST OF MATCHING ENTRIES

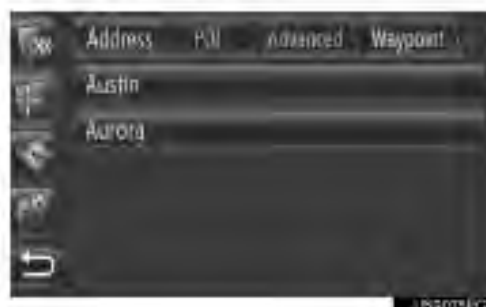
On certain screens, a candidate entry text or word prediction list based on the input letters will be displayed. The desired item can be selected and entered.

1 Enter letters.



- If a candidate entry text displayed in the input field is what is desired, touch "OK".
- Touching **143** displays the candidate entry text list. The number of matching items is shown. Up to 300 items are displayed.
- The list will be displayed automatically, if the number of matching entries is 5 or less.

2 Touch desired item.



LIST SCREEN OPERATION

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



or : Touch to shift to the next or previous page.

- By touching and holding this screen button, the screen can be scrolled up or down. Scrolling will automatically stop when the top/bottom of the list is reached.

: Touch to have entries that are too long to fit in the current field scrolled automatically from right to left.

: This indicates the displayed screen's position.

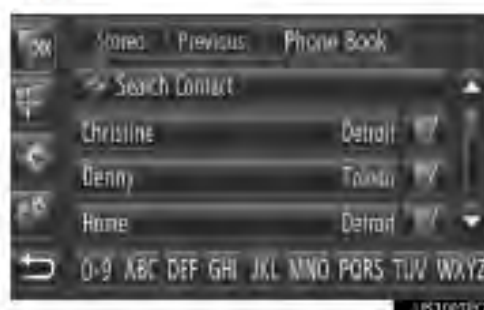
INFORMATION

- While driving, changing pages will be limited.

CHARACTER JUMP BUTTONS IN LISTS

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

- 1 Touch one of the character screen buttons.



INFORMATION

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

2

APPLICATION-“Map”

1 NAVIGATION OPERATION

- 1. QUICK REFERENCE..... 20
- 2. NAVIGATION SYSTEM
FUNCTION INDEX.....22
- 3. MAP SCREEN OPERATION 24
 - TO DISPLAY MAP SCREEN 24
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- 4. MAP ICONS 28
 - POI* ICONS 28

2 DESTINATION SEARCH

- 1. DESTINATION SEARCH..... 32
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*: Point of Interest

APPLICATION-“Map”

3 ROUTE GUIDANCE

- 1. STARTING ROUTE GUIDANCE..... 41**
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 - SETTING THE ROUTE 42
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 - SENDING STORED CONTACTS TO A USB MEMORY 57
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5 NAVIGATION SETTING

- 1. MAP SETTINGS 60**
 - SETTING THE MAP 60
- 2. ROUTE SETTINGS 63**
 - SETTING THE ROUTE OPTIONS 63

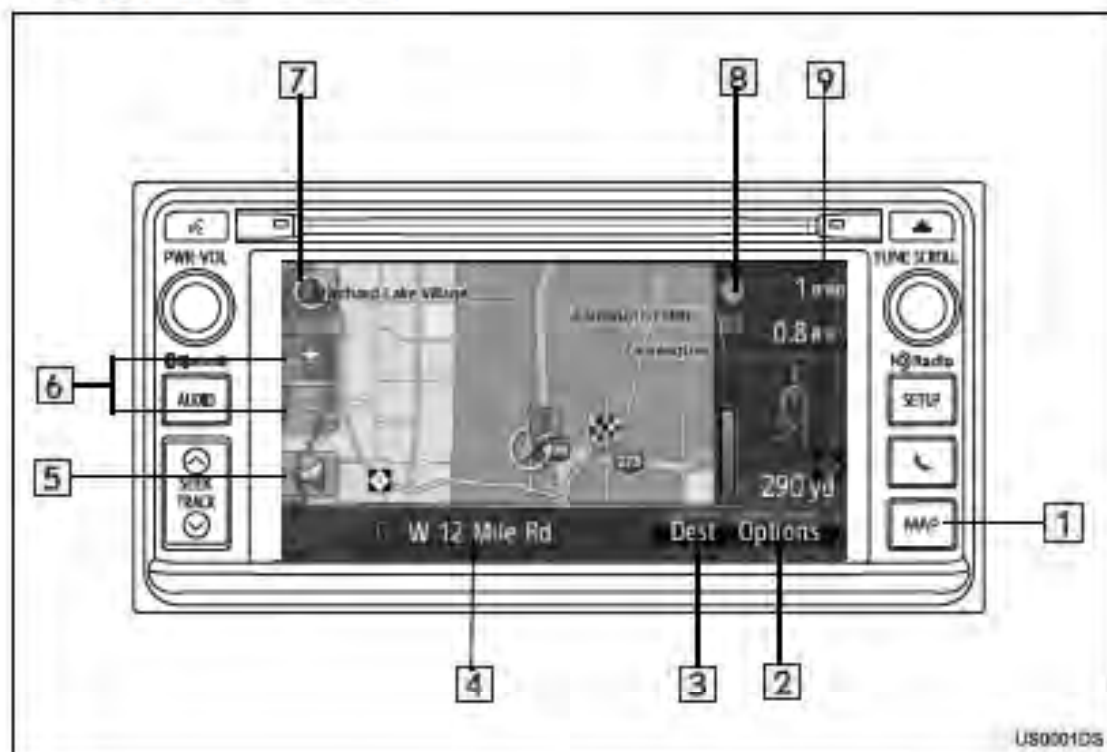
6 NAVIGATION SYSTEM INFORMATION

- 1. LIMITATIONS OF THE NAVIGATION SYSTEM..... 65**
- 2. MAP INFORMATION 67**

1. QUICK REFERENCE

The navigation application can be accessed by pressing the **"MAP"** button. When the **"MAP"** button is pressed, the map screen is displayed. Pressing **"MAP"** button again will display **"Navigation"** menu screen.

► Overview guidance screen



US000105

No.	Function	Page
1	"Map" provides the user with navigation, route calculation, destination entry (manually or via voice recognition), and turn by turn directions.	24
2	Touch to display the "Options" screen.	45
3	Touch to display the "Navigation" menu screen.	21
4	Displays the current street name or next turn (during route guidance).	43
5	Touch to hear voice guidance and/or adjust the volume of voice guidance.	44
6	Touch to change the map scale.	26
7	This symbol indicates a map layout. Touching this symbol changes the map layout.	26
8	Displays the distance, the estimated travel time to the destination, or the estimated arrival time at the destination.	43
9	Displays the distance to the next turn with the arrow indicating the turn direction.	43

To display the "Navigation" menu screen, touch "Dest" on the map. (See page 20.) From this screen, destinations can be entered and route-related settings can be changed.

► "Navigation" menu screen



No.	Function	Page
1	Touch to display the "My Destinations" screen. A destination can be entered by selecting an item from the list of stored destinations, previous destinations or the addresses from the connected phone's phone book.	32
2	Touch to display the "Enter Destination" screen. A destination can be entered by address, POI or using advanced options. It can also be added as a waypoint to a destination.	34, 48
3	Touch to display the "Traffic Messages" screen (if equipped). "Traffic Messages" grays out if not equipped.	—
4	Touch to display the "Route Options" screen. The route preferences, avoidance criteria and traffic messages (if equipped) function can be adjusted.	63
5	Touch the corresponding icon to change to the "My Destinations", "Enter Destination", "Traffic Messages" (if equipped) or "Route Options" screen.	32, 34, 48, 63

2. NAVIGATION SYSTEM FUNCTION INDEX

► Map

Displaying maps	Page
Viewing the map screen	24
Displaying the current vehicle position	24
Viewing the current vehicle position vicinity map	25
Changing the scale	26
Changing the map layout	26
Displaying Point of Interest Icons	28
Searching destination	Page
Searching the destination	32
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► Route guidance

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Starting route guidance	41
Before starting or during route guidance	Page
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Recalculating the route	46
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During route guidance	Page
Stopping route guidance	45
Adjusting route guidance volume	44
Displaying the entire route map	45

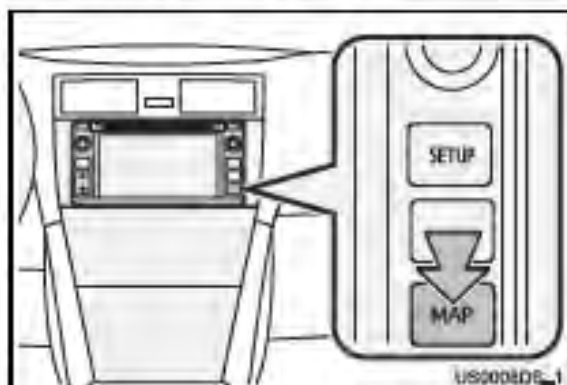
► Memory point

Memory point	Page
Registering the entry	51
Editing the entry	55
Loading the entry from external devices	58

3. MAP SCREEN OPERATION

TO DISPLAY MAP SCREEN

- 1 Press the "MAP" button.



- When the "MAP" button is pressed, the map screen is displayed.

- 2 Touch "Confirm".



- After about a few seconds, the "CAUTION" screen automatically switches to the map screen.

INFORMATION

- The "CAUTION" screen will be displayed when the screen is changed to the map screen for the first time after the engine switch has been in the "ACC" or "ON" position.
- If "Map" is touched while the map is loading or an application is in use, a pop-up window will be displayed. When the loading process is complete, the map screen will be displayed.

MAP SCREEN OPERATION

CURRENT VEHICLE POSITION DISPLAY

When starting the navigation system, the current position is displayed first. This screen displays the current vehicle position and a map of the surrounding area.



- The current vehicle position mark  appears in the center of the map screen.

INFORMATION

- The vehicle icon can be changed. (See page 60.)
- While driving, the current vehicle position mark is fixed on the screen and the map moves.
- The current position is automatically set as the vehicle receives signals from the GPS (Global Positioning System). If the current position is not correct, it is automatically corrected after the vehicle receives signals from the GPS.
- After 12-volt battery disconnection, or on a new vehicle, the current position may not be correct. As soon as the system receives signals from the GPS, the correct current position is displayed.

CURRENT LOCATION AND GPS INFORMATION

Current location, geo-coordinates and GPS information are displayed.

- 1 Touch "Options" on the map.
- 2 Touch "Location & GPS Information".



- 3 An information screen will be displayed.



- On this screen, the following information is displayed.

No.	Information
1	The information provided varies, depending whether the road currently being travelled on is a free-way or a street.
2	Latitude and Longitude
3	Amount of available satellites and the altitude.

SCREEN SCROLL OPERATION

When any point on the map is touched, that point moves to the center of the screen and is shown by the cursor mark .



- If a finger is continuously held on the screen, the map will continue scrolling in that direction until the finger is removed.
- A street name or geo-coordinates of the touched point will be shown, depending on the scale of the map.

- After the screen is scrolled, the map remains centered at the selected location until another function is activated. The current vehicle position mark will continue to move along your actual route and may

move off the screen. When  is touched, the current vehicle position mark returns to the center of the screen and the map moves as the vehicle proceeds along the designated route.

- When the scroll feature is used, the current vehicle position mark may disappear from the screen. Touch  to display the current vehicle position on the map screen.

- When "Calculate" is touched, the starting route guidance screen is displayed. (See page 41.)
- When "Save" is touched, the point is registered in the "Stored" list on the "My Destinations" screen. (See page 53.)

MAP CONFIGURATIONS

Any of the following map configurations can be selected.

MAP SCALE

- 1 Touch "+" or "-" to change the scale of the map screen.



INFORMATION

- The scale range is from 150 feet to 250 miles.
- After the scale has been changed, the new scale indicator will be displayed in the upper left area of the screen for a while.

MAP LAYOUT

The map layout can be changed from "3D Heading", "2D Heading" or "2D North".

- 1 Touch  or .



- 2 Touch the desired map layout.



"3D Heading": Touch to display 3D map. The direction of vehicle travel is always up.

"2D Heading": Touch to display 2D map. The direction of vehicle travel is always up.

"2D North": Touch to display 2D map. Regardless of the direction of vehicle travel, north is always up.

► 3D Heading



► 2D Heading



► 2D North



- Map layout can be also changed by touching “Options” and then “Map Settings”. (See page 60.)

4. MAP ICONS

POI ICONS

DISPLAY POI ICONS

Points of Interest such as gas stations and restaurants can be displayed on the map screen. Their location can also be set as a destination.

- POI icons are displayed on the map.



- You can select a particular type of Point of Interest displayed on the screen. (See page 60.)

LIST OF POI ICONS

► Public

Icon	Name
	Library
	College/University
	School
	Tourist office
	Cemetery, funeral director
	Government Office, Institution, City hall, Community gen.
	Community

Icon	Name
	Court house
	Place of worship
	Accommodation, Hotel/Motel
	Pharmacy
	Convention Center, Exhibition Center
	Finance, Bank
	Cash Dispenser
	Post Office
	Business, B. General, B. facility
	Medical, Doctor, Health & Care
	Ambulance, Hospital/Polyclinic
	Fire Station
	Police Station
	Phone Box, Communication
	Dentist
	Veterinarian

► Traffic

Icon	Name
	Car Dealer/Repairer, Repair Facility, Repair General, Car Wash, Tire Repair
	Car Dealer
	Highway Exit
	Airport, Dep. /Arrival, Ground, International, Domestic
	Bus Terminal, Bus Stop, Transportation, Public Transp. Stop, Transport general
	Railway Station
	Metropolitan Train
	Gas Station
	Rent-a-Car,-Facility, -Parking
	Ferry Terminal
	Parking, Open Parking Area, P. Area general
	Parking Garage
	Open P.A. P+R
	Rest Area
	Motoring Organization, Automobile Club
	Mover, Moving Company

Icon

Name



Motorcycle Dealer

► Clubbing

Icon

Name



Multiple POI



Bar, Nightlife



Leisure, Cultural Center, Theater, Music Center, Concert Hall



Cinema



Casino



Cafe/Bar, Cafe



Restaurant, French, Belgian, Chinese, German, Greek, Vegetarian, Fast Food, Grill, Sea Food, Sandwich, Steak...

► Sport

Icon

Name



Sport, Sport General, sport activities



Golf Course



Race Track



Stadium, Sports Center, Hippodrome



Water Sports



Bowling

► Leisure

Icon	Name
	Amusement Park
	Winery
	Museum
	Shopping, Market Place, Shopping Center, Factory Outlet
	Shop, Department Store, Drive-through-bottle-shop
	Tourist Attractions, Important Tourist Attractions
	Park/Recreational Area
	Yacht Basin, Harbour
	Camping Ground
	Grocery Store
	Historical Monument
	RV Park, Camping
	Bookstore
	Hair & Beauty
	Photography
	Shoestore
	Wine & Liquor

Icon	Name
	Clothing
	Cleaning & Laundry

DISPLAYING POI INFORMATION

1 Touch the desired POI icon on the map.

2 Touch .

► One POI



► Multiple POI



3 POI information will be displayed.



- When "Calculate" is touched, the starting route guidance screen is displayed. (See page 41.)
- When "Save" is touched, the point is registered in the "Stored" list on the "My Destinations" screen. (See page 53.)
- When  is touched, the registered telephone number is called.

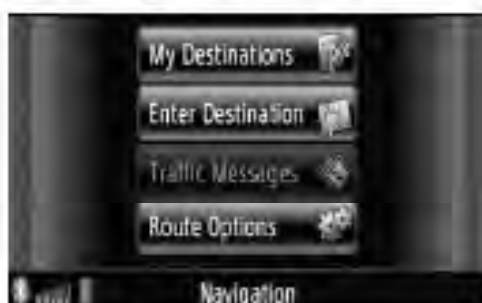
1. DESTINATION SEARCH

DESTINATION SEARCH ON THE "My Destinations" SCREEN

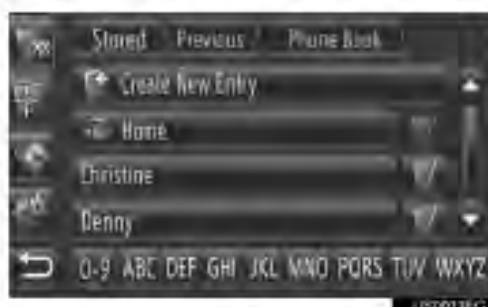
There are several ways to search a destination.

- (a) Destination search by stored destinations
- (b) Destination search by previous destinations
- (c) Destination search by the connected phone's phone book

- 1 Touch "Dest" on the map.
- 2 Touch "My Destinations".



- The "My Destinations" screen can be displayed by touching  on any of the "Navigation" screens.
- 3 Touch the tab for the desired method.



- Please refer to the following pages for a description of each operation.

DESTINATION SEARCH BY "Stored"

Destinations can be selected from the destinations registered with the system. To use this function, it is necessary to register the entry. (See page 51.)

- 1 Touch "Stored" on the "My Destinations" screen.
- 2 Touch the desired entry.



- Touch  to display and edit the entry information. (See page 55.)

- 3 The starting route guidance screen will be displayed. (See page 41.)

INFORMATION

- If "Home" has not been registered, a message will be displayed and the setting screen will automatically appear. (See page 52.)
- To route to your Home address, you can use a voice recognition command. Example: Say "Favorites Home".

DESTINATION SEARCH BY "Previous"

A destination can be selected from the past destination list.

- 1 Touch "Previous" on the "My Destinations" screen.
- 2 Touch the desired entry.



- Touch  to display and edit the entry information. (See page 55.)

- 3 The starting route guidance screen will be displayed. (See page 41.)

INFORMATION

- The list can contain a maximum of 100 entries. When the maximum is reached, the oldest destination is deleted, making room for the new destination to be stored in the list.

DESTINATION SEARCH BY "Phone Book"

A destination can be set using the address of a contact from the phone book of a connected cellular phone. Before using this function, connect a Bluetooth® phone with a phone profile. (See page 175.)

If a contact does not have address information stored, the entry will be dimmed.

- 1 Touch "Phone Book" on the "My Destinations" screen.
- 2 Touch the desired entry.



- Touch "Search Contact" to search by the contact's name.
- Touch  to display and edit the entry information. (See page 55.)

- 3 The starting route guidance screen will be displayed. (See page 41.)

INFORMATION

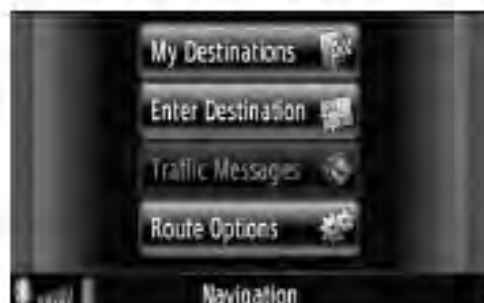
- "Search Contact" cannot be operated while driving.

DESTINATION SEARCH ON THE "Enter Destination" SCREEN

There are several ways to search a destination.

- (a) Destination search by address
- (b) Destination search by POI
- (c) Destination search by advanced

- 1 Touch "Dest" on the map.
- 2 Touch "Enter Destination".



- The "Enter Destination" screen can be displayed by touching  on any of the "Navigation" screens.

- 3 Touch the tab for the desired method.



- Please refer to the following pages for a description of each operation.

DESTINATION SEARCH BY "Address"

A destination can be searched using a city name or zip code.

- 1 Touch "Address" on the "Enter Destination" screen.
- 2 Touch "Country".



- 3 Touch the desired country.



- 4 Touch "State" and enter the desired state (USA and Mexico) or province (Canada).



- 5 Touch “City” or “Zip” to enter the city name or zip code.



- When either a “City” or “Zip” is entered, the other will be entered automatically.
- 6 Touch “Street” to enter the street name.
- 7 Touch “No.” to enter the street No.
- 8 Touch “Calculate Route”.
- 9 The starting route guidance screen will be displayed. (See page 41.)

INFORMATION

- “Calculate Route” can be selected once a “City” or “Zip” has been entered. If “Calculate Route” is touched when only “City” or “Zip” has been entered, a route search starts with the center of the city entered as the destination.
- While driving, screen buttons other than “Country” cannot be selected.

DESTINATION SEARCH BY “POI”

POIs in a specific area can be searched by category, name or from the map.

SEARCHING “By Category”

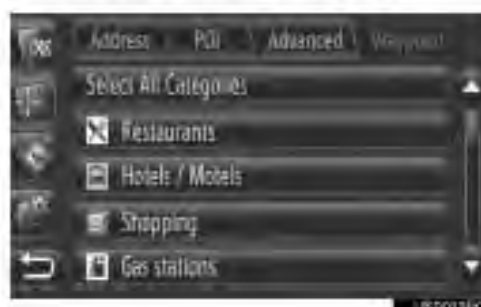
- 1 Touch “POI” on the “Enter Destination” screen.
- 2 Touch “By Category”.



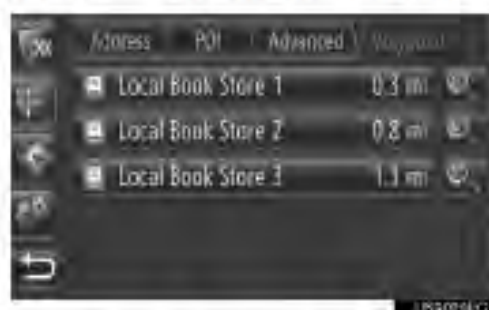
- 3 Touch the desired item to search the area. (See page 37.)



- 4 Touch the desired category.



- 5 Touch  for the desired item.



- If you touch the desired item, the starting route guidance screen will be displayed directly. (See page 41.)

- 6 Touch "Calculate".



- When "Save" is touched, the point is registered in the "Stored" list on the "My Destinations" screen. (See page 53.)
- When  is touched, the registered telephone number is called.

- 7 The starting route guidance screen will be displayed. (See page 41.)

INFORMATION

- The POI search result list is sorted by distance to the POI. The distance can be sorted by the following methods:
 - When the search area is set to "At Current Position", "Around" or "Along Route", the distance will be calculated from the current position to the POI.
 - When the search area is set to "At Destination", the distance will be calculated from the destination to the POI.

SEARCHING "By Name"

- 1 Touch "POI" on the "Enter Destination" screen.
- 2 Touch "By Name" on the "POI" screen.
- 3 Touch the desired item to search the area. (See page 37.)
- 4 Input POI name.



- 5 Touch "OK".
- 6 Follow the steps "SEARCHING "By Category"" from "STEP 5". (See page 35.)

INFORMATION

- Searching "By Name" cannot be operated while driving.

SEARCHING "By Map"

- 1 Touch "POI" on the "Enter Destination" screen.
- 2 Touch "By Map" on the "POI" screen.
- 3 Touch the desired item to search the area. (See page 37.)
- 4 Touch the desired POI icon on the map.
- 5 Follow the steps "SEARCHING "By Category"" from "STEP 5". (See page 35.)

INFORMATION

- Depending on the current map scale, not all POI icons will be available for selection.

SELECTING THE SEARCH AREA

- 1 Touch "By Category", "By Name" or "By Map".



- 2 Touch the desired item to search the area.



"At Current Position": Around the current position

"Around": Around the defined country (See page 38.)

"At Destination": Around the main destination

"Along Route": Along the current route

INFORMATION

- When route guidance is not in use, "At Destination" and "Along Route" cannot be selected.
- When "At Destination" is selected, POIs around the destination will be searched. POIs around waypoints will not be searched.

► Selecting “Around” area

If you select “Around”, touch “Define” to select the desired search area.

- 1 Touch “Country” to select a country.



- 2 Touch “State” and enter the desired state (USA and Mexico) or province (Canada).
- 3 Touch “City” or “Zip” to enter the name or zip code.
 - When either a “City” or “Zip” is entered, the other will be entered automatically.
- 4 Touch “Define as Search Area”.

DESTINATION SEARCH BY “Advanced”

- 1 Touch “Advanced” on the “Enter Destination” screen.
- 2 Touch the desired method to search the destination.



- Please refer to the following pages for a description of each operation.

SELECTING ON MAP

- 1 Touch "Select Point on Map" on the "Advanced" screen.
- 2 Touch the desired point on the map.



- 3 Touch "Calculate".



- When "Save" is touched, the point is registered in the "Stored" list on the "My Destinations" screen. (See page 53.)

- 4 The starting route guidance screen will be displayed. (See page 41.)

ENTER GEO-COORDINATES

Geo coordinates can be entered in DMS format (Degrees°, Minutes', Seconds"). Only coordinate values that can potentially exist are able to be entered. Impossible coordinate values and their relevant screen buttons will be dimmed.

- 1 Touch "Enter Geo-Coordinates" on the "Advanced" screen.
- 2 Touch "N" or "S".



- 3 Input the latitude (Degrees°, Minutes', Seconds").
- 4 Touch "W" or "E".
- 5 Input the longitude (Degrees°, Minutes', Seconds").
- 6 Touch "OK".
- 7 Touch "Calculate".



- When "Save" is touched, the point is registered in the "Stored" list on the "My Destinations" screen. (See page 54.)

- 8 The starting route guidance screen will be displayed. (See page 41.)

INFORMATION

- 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.
- This function cannot be operated while driving.

■ ENTER INTERSECTION

- 1 Touch “Enter Intersection” on the “Advanced” screen.
- 2 Touch “Country” to select a country.



- 3 Touch “State” and enter the desired state (USA and Mexico) or province (Canada).
- 4 Touch “City” or “Zip” to enter the city name or zip code.
- 5 Touch “Street” to input the name of the first intersecting street and then touch “OK”.
- 6 Touch “Street” to input the name of the second intersecting street and then touch “OK”.
- 7 Touch “Calculate Route”.
- 8 The starting route guidance screen will be displayed. (See page 41.)

1. STARTING ROUTE GUIDANCE

STARTING ROUTE GUIDANCE SCREEN

After searching the destination, the starting route guidance screen will be displayed.

According to the setting, either the recommended route screen or route alternatives screen will be displayed. (See page 63.)

CAUTION

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

RECOMMENDED ROUTE SCREEN

The recommended route will be displayed on the map.

1 Touch "Start".



- "Preferences": Touch to adjust the route preferences for current route before starting the route guidance. (See page 42.)
- "Avoid": Touch to adjust the avoidance criteria of current route before starting the route guidance. (See page 42.)

2 Starts route guidance. (See page 43.)

INFORMATION

- The default recommended route can be changed. (See page 63.)
- The arrival time or the remaining time will be displayed in the upper right area of the map. Each time the area is touched, the display switches between displaying the arrival time and remaining time.
- Distance of the entire route is displayed on the map.
- The starting route guidance screen will always be displayed in 2D North.

ROUTE ALTERNATIVES SCREEN

Three route alternatives are displayed on the map if Show Route Alternatives option is selected. (See page 63.)

1 Touch one of the three route alternatives to select it.



- "Avoid": Touch to adjust the avoidance criteria of current route before starting the route guidance. (See page 42.)

2 Start route guidance. (See page 43.)

INFORMATION

- The arrival time and distance of the entire route will be displayed in the list.
- The starting route guidance screen will always be displayed in 2D North.

SETTING THE ROUTE

SETTING THE ROUTE PREFERENCES

- 1 Touch "Preferences" on the starting route guidance screen.
- 2 Touch the desired item.



"Fast Route": Touch to calculate the fastest route.

"Short Route": Touch to calculate the shortest route.

"Ecological Route": Touch to calculate an ecological route.

- 3 The route will be recalculated.

SETTING THE AVOIDANCE CRITERIA

- 1 Touch "Avoid" on the starting route guidance screen.
- 2 Touch the desired item.



"Avoid Freeways": Touch to avoid freeways.

"Avoid Toll Roads": Touch to avoid toll roads.

"Avoid Tunnels": Touch to avoid tunnels.

"Avoid Ferries": Touch to avoid ferries.

"Avoid Border Crossings": Touch to avoid border crossings.

- 3 Touch .

- 4 The route will be recalculated.

INFORMATION

- Setting the route preference and avoidance in the above method affects current route only. Route option defaults can be changed from the "Route Options" screen. (See page 63.)

2. ROUTE GUIDANCE

ROUTE GUIDANCE SCREEN

While guiding the route, the following screen will be displayed.



- On this screen, the following information is displayed.

No.	Information
1	Distance and travel/arrival time to the destination
2	The colored section of the bar reduces as the vehicle approaches the next turn
3	Distance to the next turn with the arrow indicating the turn direction
4	The name of the road currently being travelled on
5	Guidance route
6	Current position

SIGNPOSTS

When approaching the turn, a signpost will automatically be displayed.



LANE RECOMMENDATION

When approaching a maneuver, the lane recommendation will automatically be displayed.



INFORMATION

- If the vehicle goes off the guided route, the route will be recalculated.
- 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.
- The above items will be displayed depending on the map scale.
- The displaying of the above items can be switched off. (See page 60.)

VOICE GUIDANCE

The voice guidance provides various messages as you approach an intersection, or other points where maneuvering the vehicle is necessary.



- When  is touched while route guidance is active, the last navigation announcement will be repeated.
- After touching , touch "+" or "-" to adjust the volume level of the navigation announcements.
- After touching "+" or "-", short audible information will be given to control the current volume level (e.g. turn up/turn down).

INFORMATION

- The voice guidance may not pronounce certain street names correctly or clearly due to the limitations of the text-to-speech function.
- On freeways, interstates or other highways with higher speed limits, the voice guidance will be made at earlier points than on city streets in order to allow time to maneuver the vehicle.
- If the system cannot determine the current vehicle position correctly (in cases of poor GPS signal reception), the voice guidance may be early or delayed.



CAUTION

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

3. SETTING AND DELETING THE ROUTE

Routes can be checked, changed and recalculated during route guidance.

SETTING FROM THE "Options" SCREEN

Checking and setting routes is mainly performed from the "Options" screen.

1 Touch "Options".



2 Touch the desired items.



- On this screen, the following functions can be operated.

No.	Function
1	Touch to change the map setting. (See page 60.)
2	Touch to stop the current route guidance.
3	Touch to set the route preferences and the avoidance criteria for the route calculation. (See page 46.) (The current status is displayed on the right of the item.)
4	Touch to display a list of the different segments of the route. It is also possible to define a detour. (See page 46.) (The current status is displayed on the right of the item.)
5	Touch to display the complete route.
6	Touch to block a fixed distance on the road ahead. (See page 47.) (The current status is displayed on the right of the item.)
7	Touch to display the current location, geo-coordinates and GPS information. (See page 25.)
8	Touch to display the destination's information. (See page 47.)

SETTING THE ROUTE PREFERENCE OR AVOIDANCE CRITERIA FOR CURRENT ROUTE

- 1 Touch "Route Options For Current Route" on the "Options" screen.
- 2 Touch the desired item to change the route setting.



"Preferences": Touch to adjust the route preferences. (See page 42.)

"Avoid": Touch to adjust the avoidance criteria. (See page 42.)

- 3 The route will be recalculated.

DISPLAYING THE ROUTE LIST

A list of the different segments of the route can be displayed.

- 1 Touch "Route List" on the "Options" screen.
- 2 Touch the desired item to display the segment.



- Guidance arrow, street name, distance to the point are displayed.

- 3 The detail of the segment is displayed.



- Touch ◀ or ▶: Touch to display the next or previous segment.

- Touch "Detour" to detour the desired segment. (See page 50.)

BLOCK ROAD AHEAD

A fixed distance on the road ahead can be blocked.

- 1 Touch "Block Road Ahead" on the "Options" screen.
- 2 Touch the desired item to select the desired detour distance.



"Deactivate Block Road Ahead": Touch to deactivate the function.

"Block Next 1 mi" ~ "Block Next 12 mi": Touch to detour the next 1 mile ~ 12 miles of the current route (road).

- "Deactivate Block Road Ahead" can be selected when the block road ahead function has been activated.
- 3 The route will be recalculated.
- A blocked route will be marked in the map.
 - After the blocked route has been detoured, the block road ahead function will automatically be deactivated.

DISPLAYING THE DESTINATION INFORMATION

The destination information is displayed.

- 1 Touch "Destination Information" on the "Options" screen.
- 2 The destination information screen will be displayed.



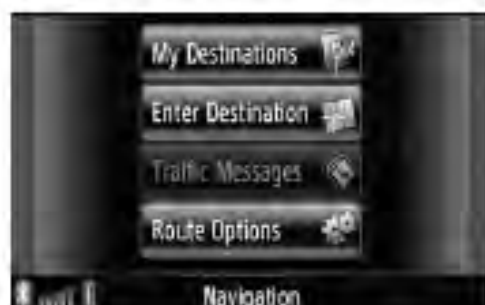
- On this screen, the following information is displayed.

No.	Information
1	Address of destination
2	Selected route preference
3	Selected avoidance criteria
4	Arrival time, remaining time and distance to destination
5	Address of each waypoint (if entered)

ADDING DESTINATIONS

Destinations can be added and the route changed accordingly.

- 1 Touch "Dest" on the map.
- 2 Touch "Enter Destination".



- The "Enter Destination" screen can be displayed by touching  on any of the "Navigation" screens.
- 3 Touch "Waypoint" on the "Enter Destination" screen.
 - 4 Touch the desired method to search the destination.



- For detailed information about searching the destination on the map, see page 32.

► If you search the destination by "Enter Address"

5 Touch "Add as Waypoint".

► If you search the destination by "Select Point on Map" or "Enter Geo-Coordinates"

5 Touch "Add".

► If you search the destination by the other methods

5 Touch the desired entry.

6 Touch "Insert Waypoint" to select the position of the waypoint.



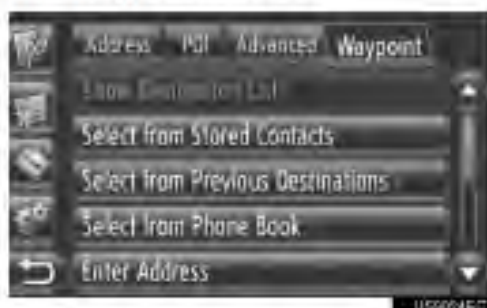
7 The route will be recalculated.

INFORMATION

- In addition to the main destination, a maximum of 4 waypoints can be set.
- The main destination is marked by , the waypoints are marked by .

EDITING DESTINATIONS

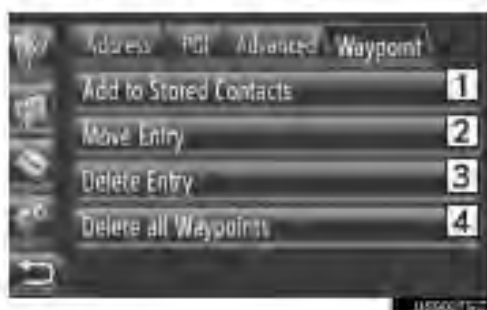
- 1 Touch "Show Destination List" on the "Waypoint" screen.



- 2 Touch the desired destination to be edited.



- 3 Touch desired item.



- On this screen, the following functions can be operated.

No.	Function
1	Touch to register the point in the "Stored" list on the "My Destinations" screen. (See page 54.)
2	Touch to change the order of the destinations. Touch  or  to move the destination up or down the order displayed on the next screen.
3	Touch to delete the destination.
4	Touch to delete all waypoints.

INFORMATION

- If the main destination is deleted, the last waypoint before the deleted destination will become the new main destination.

DETOURING A SEGMENT ON THE ROUTE

When detouring a segment, the detour route can be changed.

DETOURING THE SEGMENT

- 1 Display the route list. (See page 46.)
- 2 Touch the desired segment to detour.



- 3 Touch "Detour".



◀ or ▶: Touch to display the next or previous segment.

- 4 The route will be recalculated.

CANCELLING THE DETOURED SEGMENT

- 1 Display the route list. (See page 46.)
- 2 Touch "Detours".



- 3 Touch "Detour Off".



- If there is more than one point to detour, a list of points to detour will be displayed. Select points from the list to cancel detouring them.

- 4 The route will be recalculated.

1. REGISTERING AN ENTRY

REGISTERING A NEW ENTRY

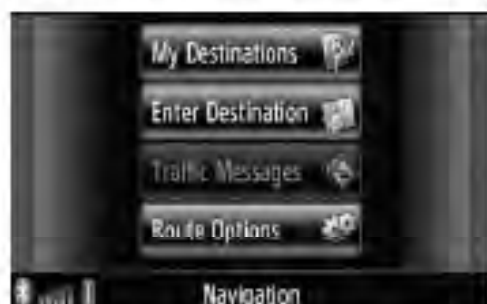
Up to 200 destinations can be registered with this system.

INFORMATION

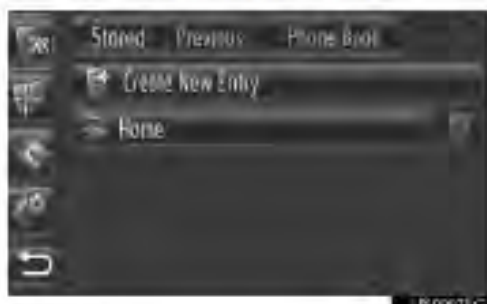
- This function cannot be operated while driving.

REGISTERING FROM THE "My Destinations" SCREEN

- 1 Touch "Dest" on the map.
- 2 Touch "My Destinations".



- The "My Destinations" screen can be displayed by touching  on any of the "Navigation" screens.
- 3 Touch "Stored" on the "My Destinations" screen.
 - 4 Touch "Create New Entry".



- 5 Input the entry address. (See page 34.)



- 6 Touch "Save New Entry".

- 7 Input the entry name.



- 8 Touch "OK".
- 9 The entry is saved in the "Stored" list.



- Touch  to display and edit the entry information. (See page 55.)

■ REGISTERING “Home”

If “Home” has not been registered, touching “Home” allows a home address to be registered.

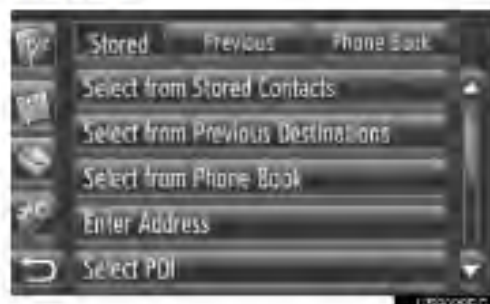
1 Touch “Home”.



2 Touch “Yes”.



3 Touch the desired method to search the point.



- For details about searching the point on the map, see page 32.

- ▶ If you search the destination by “Enter Address”

4 Touch “Save as Home Address”.

- ▶ If you search the destination by “Select Point on Map” or “Enter Geo-Coordinates”

4 Touch “Save”.

- ▶ If you search the destination by the other methods

4 Touch the desired entry from the list.

5 The entry is registered as “Home” in the “Stored” list.

- For security reasons, use a point close to your home instead of your actual home address.

- Touch  to display and edit the entry information. (See page 55.)

INFORMATION

- To route to your Home address, you can use a voice recognition command. Example: Say “*Favorites Home*”.

REGISTERING FROM THE MAP

- 1 Touch the desired point on the map.
- 2 Touch "Save".



- 3 Follow the steps "REGISTERING FROM THE "My Destinations" SCREEN" from "STEP 7". (See page 51.)

REGISTERING FROM POI

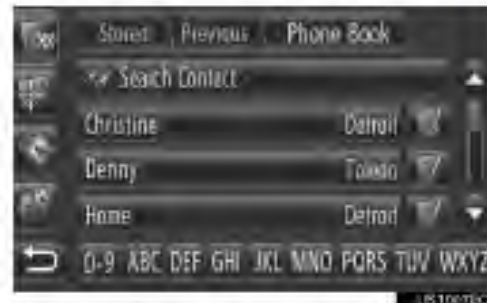
- 1 Search the point by "POI". (See pages 31 and 35.)
- 2 Touch "Save".



- 3 Follow the steps "REGISTERING FROM THE "My Destinations" SCREEN" from "STEP 7". (See page 51.)

REGISTERING FROM THE LIST**REGISTERING FROM THE LIST ON THE "Previous" OR "Phone Book" SCREEN**

- 1 Search the point by "Previous" or "Phone Book". (See page 33.)
- 2 Touch  next to the desired item.



- 3 Touch "Add to Stored Contacts".



- 4 Follow the steps "REGISTERING FROM THE "My Destinations" SCREEN" from "STEP 7". (See page 51.)

INFORMATION

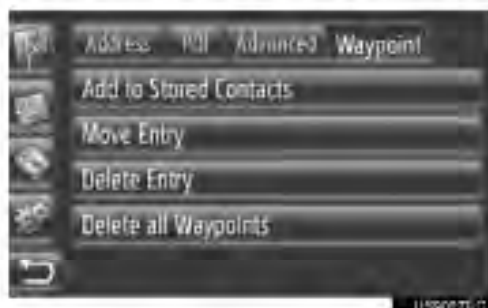
- If the contact includes an address and a phone number, they will be stored in the "Stored" list on the "My Destinations" screen and "Contacts" screen. (See pages 51 and 141.)

REGISTERING FROM THE DESTINATION LIST

- 1 Display the "Show Destination List" screen. (See page 49.)
- 2 Touch the desired destination.



- 3 Touch "Add to Stored Contacts".



- 4 Follow the steps "REGISTERING FROM THE "My Destinations" SCREEN" from "STEP 7". (See page 51.)

REGISTERING FROM GEO-COORDINATES

- 1 Search the point by "Enter Geo-Coordinates". (See page 39.)
- 2 Touch "Save".



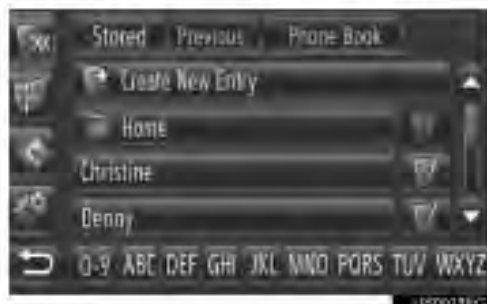
- 3 Follow the steps "REGISTERING FROM THE "My Destinations" SCREEN" from "STEP 7". (See page 51.)

2. DISPLAYING AND EDITING THE ENTRY INFORMATION

DISPLAYING AND EDITING THE ENTRY INFORMATION

Detailed information of entries in the list can be displayed or edited.

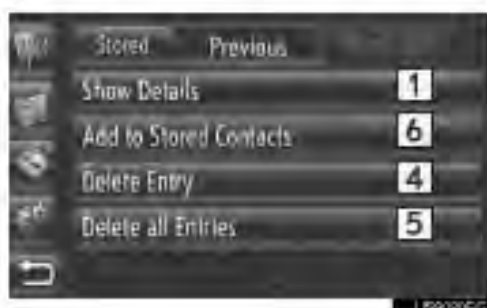
- 1 Touch  next to the desired item on the "My Destinations" screen.



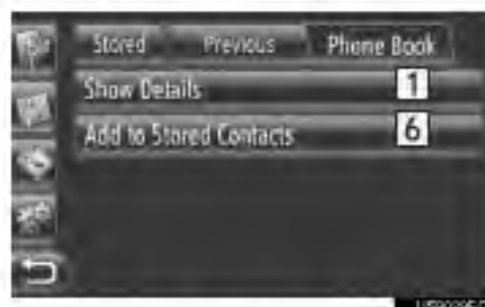
- ▶ The entry options screen of "Stored" list



- ▶ The entry options screen of "Previous" list



- ▶ The entry options screen of "Phone Book" list

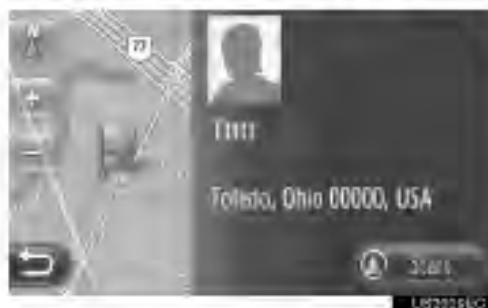


- On this screen, the following functions can be operated.

No.	Function
1	Touch to display the details of the entry information. (See page 56.)
2	Touch to change the entry name. (See page 56.)
3	Touch to edit the address. (See page 56.)
4	Touch to delete the entry.
5	Touch to delete all entries.
6	Touch to register the entry in the "Stored" list on the "My Destinations" screen and "Contacts" screen. (See page 53.)

SHOW DETAILS OF THE ENTRY

- 1 Touch **"Show Details"** on the entry options screen.
- 2 This screen will be displayed.



- The address will be marked on the map.
- The address and a picture, if available, of the contact from the system's phone book will be displayed.
- When you touch **"Start"**, the starting route guidance screen will be displayed.

CHANGING THE ENTRY NAME

- 1 Touch **"Rename XX"** on the entry options screen.
- 2 Input the new name.



- 3 Touch **"OK"**.

INFORMATION

- This function cannot be operated while driving.

EDITING THE ADDRESS

- 1 Touch **"Edit Address"** on the entry options screen.
- 2 Input the new address. (See page 34.)



- 3 Touch **"Save Changes"**.

INFORMATION

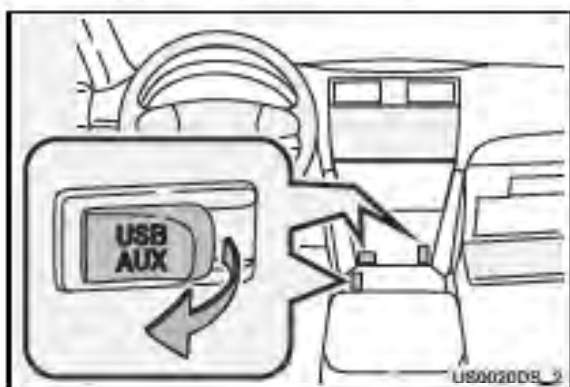
- This function cannot be operated while driving.
- If an entry that is transferred from a cellular phone is edited, the change will affect the entry in the **"Stored"** list on the **"My Destinations"** screen and **"Contacts"** screen. (See pages 51 and 141.)

3. SENDING/RESTORING STORED CONTACTS USING A USB MEMORY

SENDING STORED CONTACTS TO A USB MEMORY

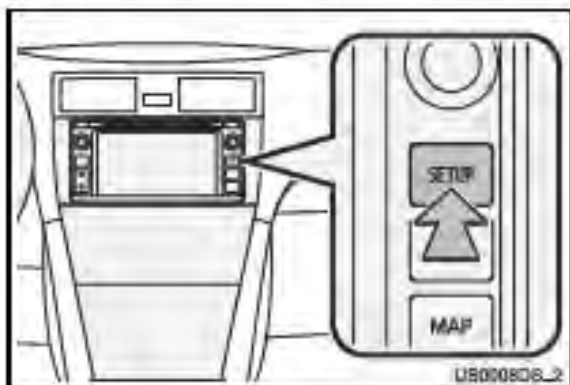
The entries stored in the "Stored" list on the "My Destinations" screen and "Contacts" screen (See pages 51 and 141.) can be transferred to a USB memory.

- 1 Open the cover of the USB/AUX port and connect a USB memory.



- The USB/AUX port is located on the instrument panel, or in the console box or glove box etc. The actual design and button position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".

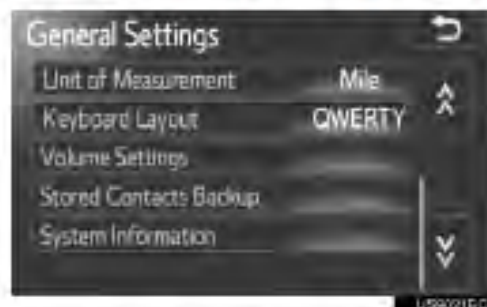
- 2 Press the "SETUP" button.



- 3 Touch "General".



- 4 Touch "Stored Contacts Backup".



- 5 Touch "Backup Stored Contacts to USB".



- 6 The following screen will be displayed while sending the data.



- 7 The following screen will be displayed when sending data to the USB memory is complete.



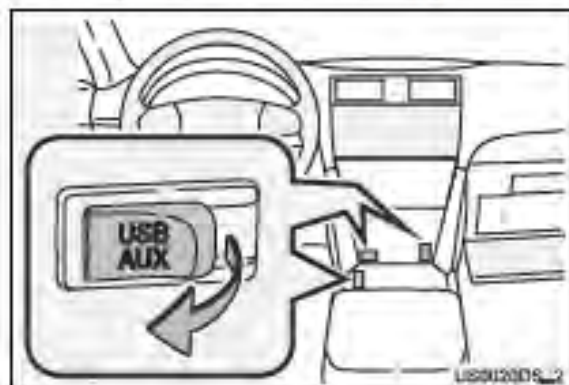
INFORMATION

- Downloading may not complete correctly in the following cases:
 - If the engine switch is turned off during downloading
 - If the USB memory is removed before downloading is complete

RESTORING STORED CONTACTS FROM A USB MEMORY

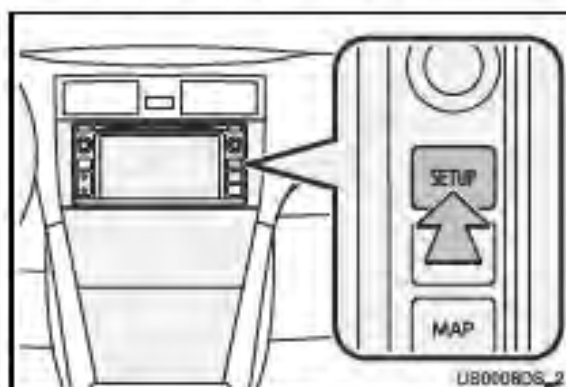
Backed-up data can be transferred from a USB memory to this system. Transferred addresses and numbers will be stored in the "Stored" list on the "My Destinations" screen and "Contacts" screen. (See pages 51 and 141.)

- 1 Open the cover of the USB/AUX port and connect a USB memory.



- The USB/AUX port is located on the instrument panel, or in the console box or glove box etc. The actual design and button position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".

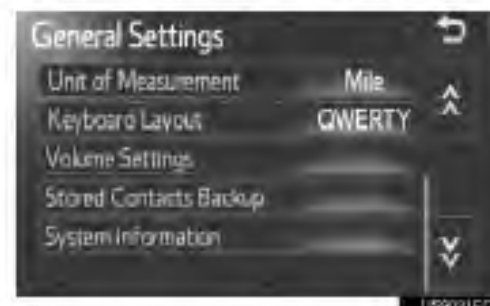
- 2 Press the "SETUP" button.



- 3 Touch "General".



- 4 Touch "Stored Contacts Backup".



- 5 Touch "Restore Contact Backup from USB".



- 6 The following screen will be displayed while loading the data.



- 7 The following screen will be displayed when loading the data to the system is complete.



INFORMATION

- Downloading may not complete correctly in the following cases:
 - If the engine switch is turned off during downloading
 - If the USB memory is removed before downloading is complete

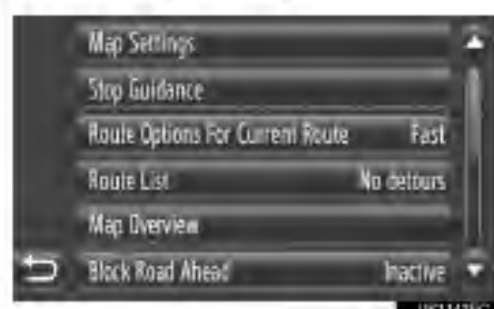
1. MAP SETTINGS

SETTING THE MAP

1 Touch "Options".



2 Touch "Map Settings".



3 Touch the item to be set.



- On this screen, the following functions can be set.

No.	Function
1	Touch to change the map layout. (See page 26.)
2	Touch to set the display of POI icon categories. (See page 61.)
3	Touch to change the vehicle icon. (See page 61.)
4	Touch to change the screen to "Day" or "Night". (See page 62.)
5	Touch to change the estimated time between "Arrival Time/Distance" and "Remaining Time/Distance" to the destination. (See page 62.)
6	Touch to set the display of the route guidance arrow on or off. (See page 43.)
7	Touch to set the display of the name of the road currently being travelled on to on or off. (See page 43.)
8	Touch to set the display of signposts on or off. (See page 43.)
9	Touch to set the display of the lane recommendation on or off. (See page 43.)

INFORMATION

- The current setting of each item is displayed on its right.
- Selected item's checkboxes will change to ☒ when the item has been selected. All selected items will be activated simultaneously.

POIs ON MAP

POI categories displayed on the map can be selected.

- 1 Touch "POIs on Map" on the "Map Settings" screen.
- 2 Select the POI categories.



- On this screen, the following functions can be operated.

No.	Function
1	Touch to display all categories.
2	Touch to hide all icons.
3	Touch to display the selected icons.

- 3 Touch .

INFORMATION

- The system can display both generic and branded POI icons. (See page 28.)

VEHICLE ICONS

The vehicle icon can be changed.

- 1 Touch "Vehicle Icons" on the "Map Settings" screen.
- 2 Touch the desired icon.



- 3 Touch .

DAY/NIGHT MODE

The screen can be changed to day mode or night mode.

- 1 Touch "Day/Night Mode" on the "Map Settings" screen.
- 2 Touch the desired item.



"Automatic": Touch to change the screen to day or night mode depending on the position of the headlight switch.

"Day": Touch to always display the map in day mode.

"Night": Touch to always display the map in night mode.

- 3 Touch .

INFORMATION

- If set to "Automatic", the "Day Mode" setting on the "Display Settings" screen (See page 172.) will take priority.

ARRIVAL INFORMATION

The estimated time to the destination can be changed between arrival time/distance and remaining time/distance. It can also be turned off.

- 1 Touch "Arrival Information" on the "Map Settings" screen.
- 2 Touch the desired item.



"Off": Touch to turn off the estimated time/distance.

"Arrival Time/Distance": Touch to display the arrival time in the upper right area of the map. The distance to the destination will also be displayed.

"Remaining Time/Distance": Touch to display the remaining time to reach the destination in the upper right area of the map. The distance to the destination will also be displayed.

- 3 Touch .

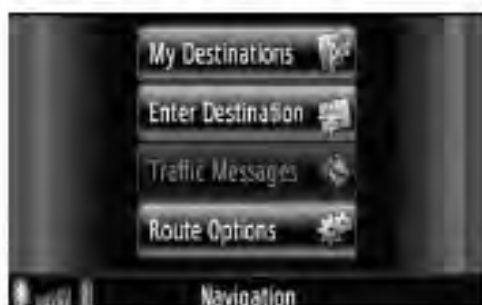
2. ROUTE SETTINGS

SETTING THE ROUTE OPTIONS

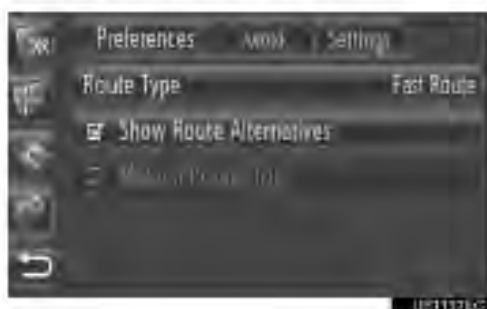
SETTING THE ROUTE CALCULATION

The route preferences for the route calculation can be set.

- 1 Touch "Dest" on the map.
- 2 Touch "Route Options".



- The "Route Options" screen can be displayed by touching  on any of the "Navigation" screens.
- 3 Touch "Preferences" on the "Route Options" screen.
 - 4 Touch the desired item.



"Route Type": Touch to select the route type between "Fast Route", "Short Route" and "Ecological Route".

"Show Route Alternatives": Touch to display 3 routes (fastest, shortest and ecological) on the map after a route calculation.



"Make a Round Trip": Touch to have the route automatically calculated back to the starting point after the set destination has been reached.

- Entered waypoints will also be considered on the way back to the starting point.

- 5 Touch .

INFORMATION

- "Show Route Alternatives" and "Make a Round Trip" are not selectable at the same time.

SETTING THE AVOIDANCE CRITERIA FOR THE ROUTE CALCULATION

The avoidance criteria for the route calculation can be set.

- 1 Touch "Dest" on the map.
- 2 Touch "Route Options".



- The "Route Options" screen can be displayed by touching  on any of the "Navigation" screens.
- 3 Touch "Avoid" on the "Route Options" screen.
 - 4 Touch the desired item.



"Avoid Freeways": Touch to avoid freeways.

"Avoid Toll Roads": Touch to avoid toll roads.

"Avoid Tunnels": Touch to avoid tunnels.

"Avoid Ferries": Touch to avoid ferries.

"Avoid Border Crossings": Touch to avoid border crossings.

- 5 Touch .

1. LIMITATIONS OF THE NAVIGATION SYSTEM

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

The Global Positioning System (GPS) developed and operated by the U.S. Department of Defense provides an accurate current vehicle position, 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 will compensate for this most of the time, occasional positioning errors of up to 300 feet (100 m) can and should be expected. Generally, position errors will be corrected within a few seconds.



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

The 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. We advise against the use of window tinting on vehicles equipped with navigation systems.
- Accurate current vehicle position may not be shown in the following cases:
 - When driving on a small angled Y-shaped road.
 - When driving on a winding road.
 - When driving on a slippery road such as in sand, gravel, snow, etc.
 - When driving on a long straight road.
 - When motorway and surface streets run in parallel.
 - After moving by ferry or vehicle carrier.
 - When a long route is searched during high speed driving.
 - When driving without setting the current position calibration correctly.
 - After repeating a change of direction by going forward and backward, or turning on a turntable in the 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 four tires is not correct.

- Inappropriate route guidance may occur in the following cases:
 - When turning at an intersection off the designated route guidance.
 - If you set more than one destination but skip one of them, auto reroute will display a route returning to the destination that was skipped.
 - 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.
 - It may take a long time to operate auto reroute during high speed driving. In auto reroute, a detour route may be shown.
 - After auto reroute, the route may not be changed.
 - An unnecessary U-turn may be shown or announced.
 - A location may have multiple names and the system will announce one or more.
 - Some routes may not be searched.
 - If the route to your destination includes gravel, unpaved roads or alleys, the route guidance may not be shown.
 - Your destination point might be shown on the opposite side of the street.
 - When a portion of the route has regulations prohibiting the entry of the vehicle that vary by time or season or other reasons.
 - The road and map data stored in the navigation system may not be complete or may not be the latest version.

INFORMATION

- 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 vehicle position. The tire pressure also affects the diameter of the tires so make sure the tire pressure of all four tires is correct.

2. MAP INFORMATION

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3

AUDIO SYSTEM

1 AUDIO SYSTEM OPERATION

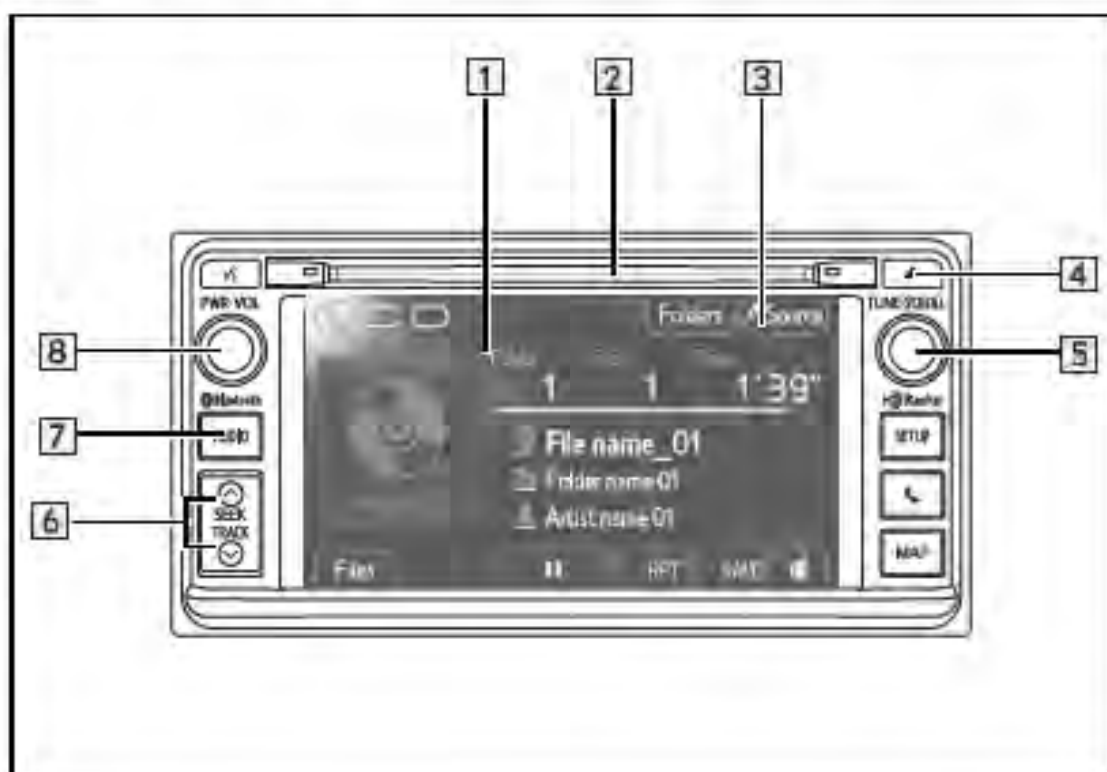
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AUDIO SYSTEM

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1. QUICK REFERENCE

To access the audio system, press the "AUDIO" button. The audio system turns on in the last mode used.



No.	Name	Function	Page
1	Audio control screen	A selected audio source is displayed, and it can be operated with the touch panel screen controls.	—
2	Disc slot	Insert a disc into this slot. The CD player turns on immediately.	83
3	"Source"	Touch to select your desired audio sources. The audio source selection screen will be displayed.	74
4	▲ button	Press to eject a disc.	83
5	"TUNE/SCROLL" knob	Turn to select radio station bands, tracks and files. Also, the knob can be used for selection from the list display.	73
6	"SEEK/TRACK" button	Press the "▲" or "▼" button to seek up or down for a station, or to access a desired track or file.	78, 85, 86, 102, 115
7	"AUDIO" button	Press to display the audio control screen. The audio system turns on in the last mode used.	73, 74
8	"PWR/VOL" knob	Press to turn the audio system on and off, and turn to adjust the volume.	73

2. SOME BASICS

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

Your audio system works when the engine switch is turned to the "ACC" or "ON" position.

CAUTION

- For vehicles sold in U.S.A. and Canada:
Part 15 of the FCC Rules

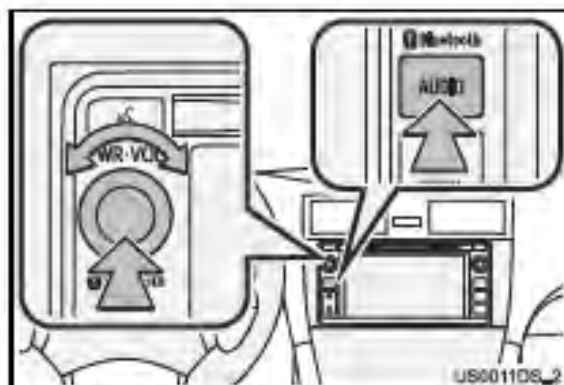
FCC Warning: Changes or modifications in construction not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Radio frequency exposure. This device is approved for Mobile Application only and, to comply with applicable FCC radio frequency exposure regulations, must be used with a distance of at least 7.9 in. (20 cm) between the antenna and the body of any person at all time during use.

- Laser products
 - Do not take this unit apart or attempt to make any changes yourself. This is an intricate unit that uses a laser pickup to retrieve information from the surface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet. Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.
 - This product utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

NOTICE

- To prevent the 12-volt battery from being discharged, do not leave the audio system on longer than necessary when the engine is not running (hybrid vehicles: the hybrid system is off).

TURNING THE AUDIO SYSTEM ON OR OFF



"AUDIO" button: Press this button to display screen buttons for the audio system.

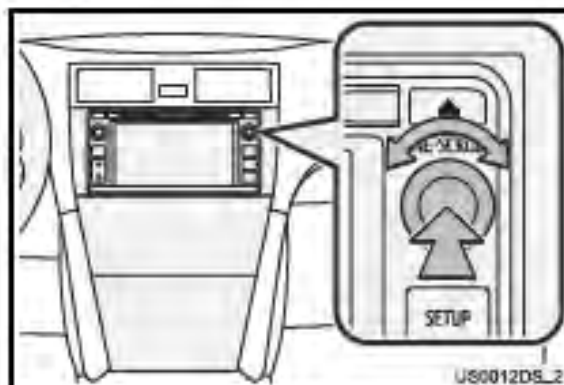
"PWR/VOL" knob: Press this knob to turn the audio system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

INFORMATION

- If the volume is adjusted while music is paused or muted, the pause or mute will be cancelled.

CONTROLS USING THE "TUNE/SCROLL" KNOB

- Radio mode**
Radio stations can be tuned in manually using this knob.
- Modes other than radio**
Tracks or files can be selected using the knob.



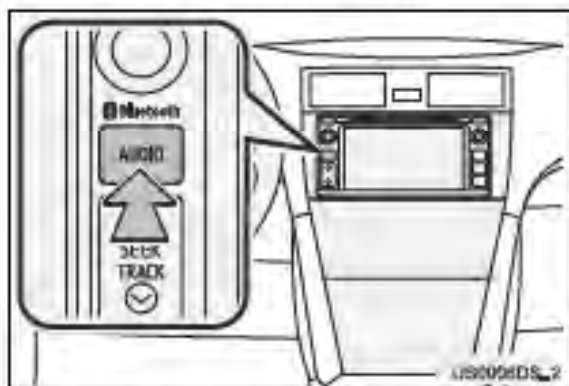
► When a list is displayed

When a list is displayed on the screen, turn the “TUNE/SCROLL” knob to move the cursor box to select a desired item from the list, and pressing the knob will play it. The track that is being played is highlighted.



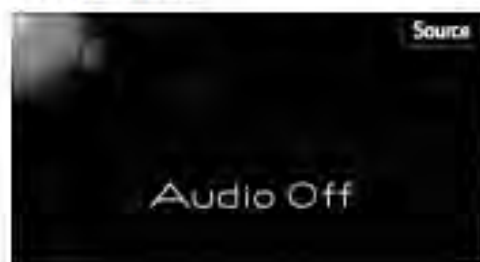
SWITCHING AUDIO SOURCE

1 Press the “AUDIO” button.



- The audio system turns on in the last mode used.

2 Touch “Source” or press “AUDIO” button to display the audio source selection screen.



3 Touch a desired audio source.



INFORMATION

- You cannot select dimmed screen buttons. Connect the audio device before selecting.

SSP (Scion Sound Processing)

SSP is a modified DSP (Digital Signal Processing) system that provides a customized sound for your vehicle.

1 Press the “AUDIO” button.

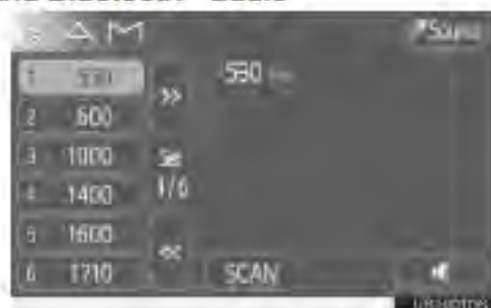
2 Touch or .

- USB memory/iPod and Bluetooth® audio modes



- SSP control can be set from the “Options” screen. Touch “Options” and then touch “Sound Settings” on the next screen.

- Modes other than USB memory/iPod and Bluetooth® audio



- 3 Touch the "SSP" tab to display this screen.



- 4 Touch the desired screen button.

Natural: Natural and smooth sound that gives no listening fatigue but comfort.

Hear: A powerful, energetic, live sound.

Feel: Reproduces the sound on the stage that musicians hear.

- 5 Touch "OK".

INFORMATION

- For more details, please visit the SCION website at <http://www.scion.com/>.

Sound Controls

TONE

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

BALANCE

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

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

- 1 Press the "AUDIO" button.

- 2 Touch  or .

- USB memory/iPod, and Bluetooth® audio modes



- Tone and balance can be set from the "Options" screen. Touch "Options" and then touch "Sound Settings" on the next screen.

- Modes other than USB memory/iPod and Bluetooth® audio



- 3 Touch the “Sound” tab to display this screen.



- 4 Touch the desired screen button.
 “Treble” “+” or “-”: To adjust high-pitched tones.
 “Bass” “+” or “-”: To adjust low-pitched tones.
 “Front” or “Rear”: To adjust the sound balance between the front and rear speakers.
 “L” or “R”: To adjust the sound balance between the left and right speakers.
- 5 Touch “OK”.

INFORMATION

- The tone of each mode (such as AM, FM and CD player) can be adjusted.

DSP CONTROL

AUTOMATIC SOUND LEVELIZER (ASL)

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

- 1 Press the “AUDIO” button.

- 2 Touch or .

- USB memory/iPod and Bluetooth® audio modes



- DSP control can be set from the “Options” screen. Touch “Options” and then touch “Sound Settings” on the next screen.

- Modes other than USB memory/iPod and Bluetooth® audio



- 3 Touch the “DSP” tab to display this screen.

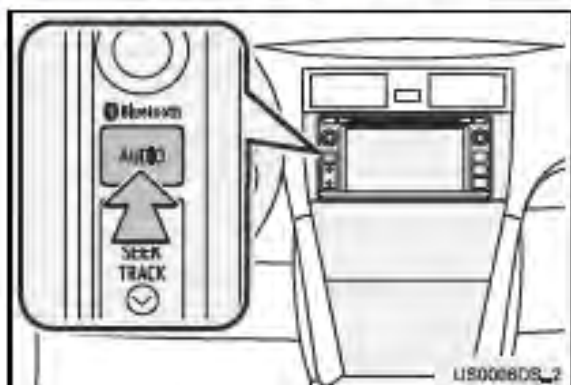


- 4 Touch “High”, “Mid” or “Low” of “Automatic Sound Levelizer”.
- 5 Touch “OK”.

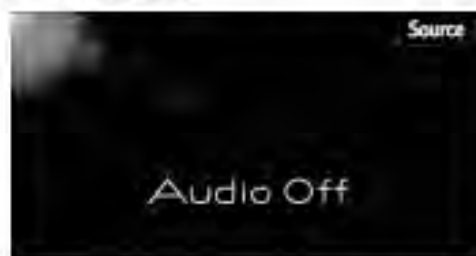
3. RADIO OPERATION

SWITCHING TO RADIO MODE

- 1 Press the "AUDIO" button.



- The audio system turns on in the last mode used.
- 2 Touch "Source" or press "AUDIO" button to display the audio source selection screen.



- 3 Touch "AM" or "FM" on the screen.

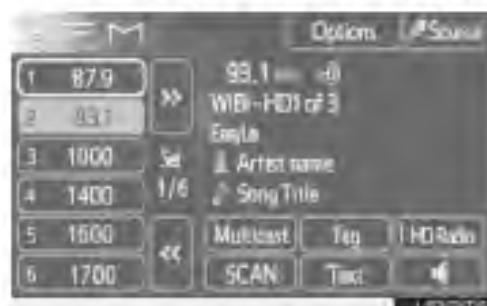


- If a desired source is not displayed on the screen, touch  or  to scroll to it.

PRESETTING A STATION

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

- 1 Tune in the desired station.
- 2 Touch one of the left side screen buttons (1 to 6) and hold it until a beep is heard. This sets the frequency to the screen button. The station's frequency will be displayed in the screen button.



- To change the preset station to a different one, follow the same procedure.
- Touch  or  to change the preset page.

SELECTING A STATION

Tune in the desired station using one of the following methods.

Preset tuning: Touch one of the mix preset channels on the left side of the screen to select the desired station. The screen button is highlighted and the station frequency appears on the screen.

Manual tuning: Search for a desired radio station by turning the “TUNE/SCROLL” knob.

Seek tuning: Press the “^” or “v” button of “SEEK/TRACK”. The radio will begin seeking up or down for a station of the nearest frequency and will stop when a station is found. Each time the button is pressed, the stations will be searched automatically one after another.

To scan all the frequencies: Touch “SCAN”. “SCAN” will appear on the screen. The radio will find the next station and stay there for 10 seconds if “All” or “HD Only” is selected, or 5 seconds if “Analog” is selected, and then scan again. To stay tuned to a station and stop the scanning, touch “SCAN” again. (To set the HD Radio™ system, see page 181.)

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

- only select stations of a particular program type,
- display messages from radio stations,
- search for a stronger signal station.

RBDS features are available only when listening to an FM station that broadcasts RBDS information and the “FM info” indicator is on.

SELECTING A DESIRED TYPE

1 Touch “Options”.



- 2 Touch "TYPE >" or "< TYPE" to move forward and backward through the program list.



- Once a program type has been set, "TYPE SEEK" will appear on the screen.
 - The program list is in the following order:
 - Classical
 - Country
 - EasyLis (Easy Listening)
 - Inform (Information)
 - Jazz
 - News
 - Oldies
 - Other
 - Pop Music
 - Religion
 - Rock
 - R&B (Rhythm and Blues)
 - Sports
 - Talk
 - Traffic (Not available when "HD Radio™ Settings" are set to analog)
 - Alert (Emergency Alert)
- 3 Touch "TYPE SEEK" and the system will start to seek for stations in the relevant program type.

INFORMATION

- If no relevant program can be found, "no type" will appear on the screen.

TRAFFIC ANNOUNCEMENT

A station that regularly broadcasts traffic information is automatically located.



"Traffic": Touch to seek a traffic program station. "TRAF SEEK" will appear on the screen.

INFORMATION

- If no traffic program station is found, "No Traffic" will appear on the screen.
- If a traffic program station is found, the name of the traffic program station will be displayed for a while.

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.



Program Service Data: Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.



Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.



iTunes® Tagging provides you the opportunity to discover a wide range of content and the means to “tag” that content for later review and purchase from the iTunes® Store

- 1 Touch “HD Radio” to turn the indicator on.



- As a user works through the analog radio stations, (where applicable) the radio receiver will automatically tune from an analog signal to a digital signal within 5 seconds.
- An orange “HD” logo indicator will be displayed on the screen when in digital. The “HD” logo will first appear in a gray color indicating the station is indeed (an analog and) a digital station. Once the digital signal is acquired, the logo will change to a bright orange color.

INFORMATION

- 1 Touch “Text”.



- 2 Information such as the artist name, song title, album title and music genre being listened to are displayed on the text screen.



- To display messages from the station, touch "Additional Information".

MULTICAST

On the FM radio frequency most digital stations have "multiple" or supplemental programs on the FM station.

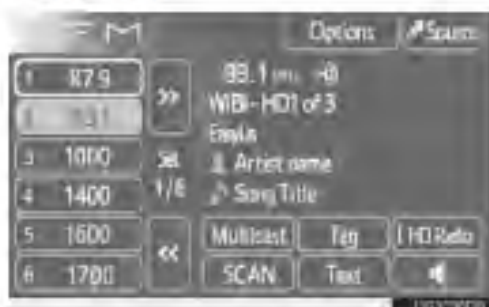
1 Touch "Multicast".



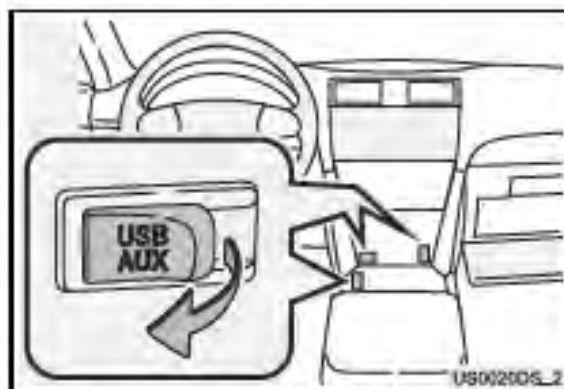
- Each time "Multicast" is touched, the supplemental program changes.
- If "Multicast" is touched when tuned to the last of the supplemental programs, the main program will be returned to.

TAG

1 Touch "Tag" to bookmark the music information.



2 Open the cover and connect iPod using an iPod cable.



- The USB/AUX port is located on the instrument panel, or near the shift knob etc. The actual design and port position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".
- Turn on the power of the iPod if it is not turned on.
- Once an iPod is connected, the music tag moves from the radio into the iPod.
- When the iPod is connected to iTunes, the "tagged" information of the songs which were tagged while listening to the radio can be viewed. Then a user may decide to purchase the song or CD/Album which has been listened to on their radio.

INFORMATION

- If tagging the music information fails, "Saving the HD Radio tag failed." will be displayed on the screen. If this occurs, tag the information again.
- HD Radio™ stations can be preset.

TROUBLESHOOTING GUIDE

Experience	Cause	Action
Mismatch of time alignment a users may hear a short period of programming re-played or an echo, stutter or skip.	The radio stations analog and digital volume is not properly aligned or the station is in ballgame mode.	None, radio broadcast issue. A user can contact the radio station.
Sound fades, blending in and out.	Radio is shifting between analog and digital audio.	Reception issue, may clear-up as the vehicle continues to be driven. Touching "HD Radio" with the indicator off can force radio in an analog audio.
Audio mute condition when an HD2/HD3 multicast channel has been playing.	The radio does not have access to digital signals at the moment.	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.	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.	This is normal behavior, wait for the audio to become available.
Text information does not match the present song audio.	Data service issue by the radio broadcaster.	Broadcaster should be notified. Complete the form; www.ibiquity.com/automotive/report_radio_station_experiences .
No text information shown for the present selected frequency.	Data service issue by the radio broadcaster.	Broadcaster should be notified. Complete the form; www.ibiquity.com/automotive/report_radio_station_experiences .



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.

4. CD PLAYER OPERATION

The CD player can play audio CDs, CD text and MP3/WMA discs.

(a) Audio CD, CD text (See page 84.)

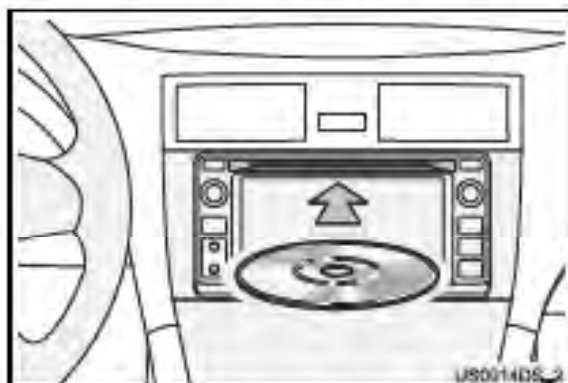
(b) MP3/WMA disc (See page 86.)

For appropriate discs for this player, see "AUDIO SYSTEM OPERATING HINTS" on page 120.

INSERTING OR EJECTING A DISC

INSERTING A DISC

- 1 Insert a disc with the label side up.



- When a disc is correctly inserted into the slot, the CD player will automatically start playing from the first track or the first file of the first folder on a disc.

INFORMATION

- If the label is facing down, "Check DISC" will appear on the screen.
- Use 12-cm disc. Do not use 8-cm disc or an adapter for 8-cm disc.



NOTICE

- Do not stack up two discs for insertion, or it will cause damage to the CD player. Insert only one disc into the slot at a time.
- Never try to disassemble or oil any part of the CD player. Do not insert anything other than a disc into the slot.

EJECTING A DISC

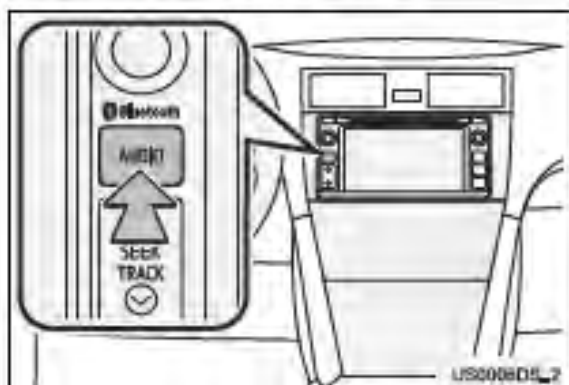
- 1 Press the  button.



- The disc will be ejected.

SWITCHING TO CD MODE

- 1 Press the "AUDIO" button.



- The audio system turns on in the last mode used.
- 2 Touch "Source" or press "AUDIO" button to display the audio source selection screen.



- 3 Touch "DISC" on the screen.

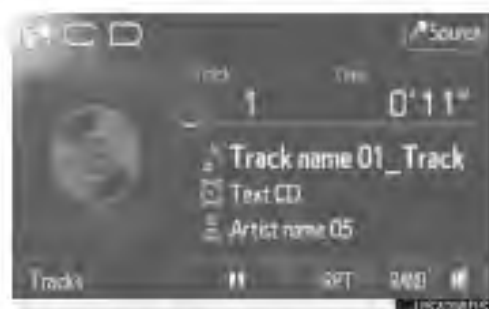


- If a desired source is not displayed on the screen, touch  or  to scroll to it.

INFORMATION

- If no disc is in the slot, "DISC" cannot be selected. Insert a disc into the slot.

PLAYING AN AUDIO CD



- If a CD-TEXT disc is inserted, the title of the track and disc currently being played will be displayed.

 : Touch to pause the track.

 : Touch to resume playing the track.

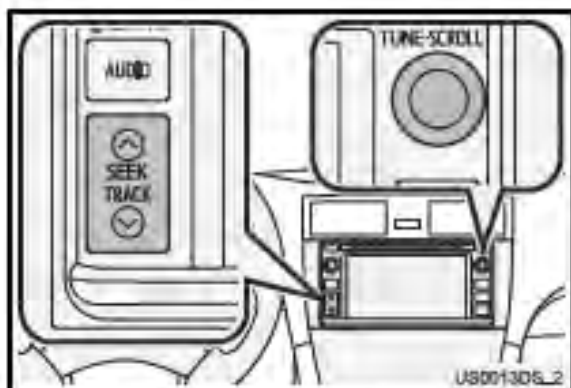
Fast forward and Reverse: Press and hold the "Λ" or "V" of "SEEK/TRACK" button to fast forward or reverse. When you release the button, the player will start playing from that position.

INFORMATION

- The progress bar indicator does not always correspond to the actual elapsed playback position.

SELECTING A DESIRED TRACK

Select a desired track using one of the following methods.



“SEEK/TRACK” button: Press the “^” or “v” of “SEEK/TRACK” button to select a desired track.

“TUNE/SCROLL” knob: Turn this knob to select a desired track. Also, the knob can be used for selection from the list display.

Track list: A desired track can be selected from a list.

- Touch “Tracks” on the screen. The list will be displayed.



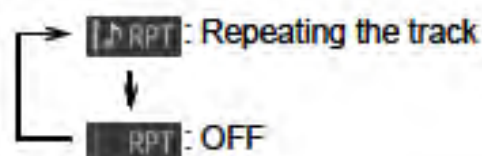
- Touch a desired track. The player will start playing the selected track from the beginning.
- Touch or to scroll the list.
- If appears to the right of titles, the complete titles are too long for the display. Touch this screen button to scroll to titles.

PLAYING REPEAT AND RANDOM ORDER



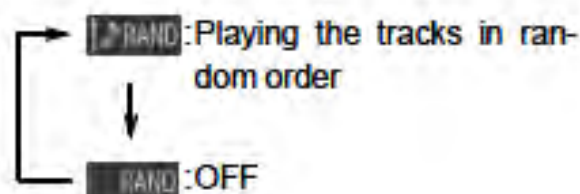
RPT (Repeat mode): Use it to automatically repeat the track you are currently listening to.

- The repeat mode changes as follows each time the screen button is touched.



RAND (Random mode): Use it for automatic random selection of the track.

- The random mode changes as follows each time the screen button is touched.



PLAYING A MP3/WMA DISC



- The title of the file and folder currently being played will be displayed.

⏸: Touch to pause the file.

▶: Touch to resume playing the file.

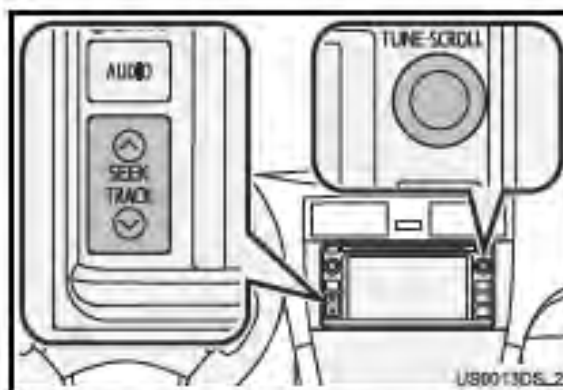
Fast forward and Reverse: Press and hold the “^” or “v” of “SEEK/TRACK” button to fast forward or reverse. When you release the button, the player will start playing from that position.

INFORMATION

- The progress bar indicator does not always correspond to the actual elapsed playback position.

SELECTING A DESIRED FILE

Select a desired file using one of the following methods.

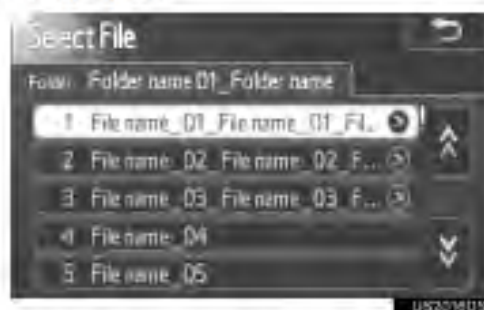


“SEEK/TRACK” button: Press the “^” or “v” of “SEEK/TRACK” button to select a desired file.

“TUNE/SCROLL” knob: Turn this knob to select a desired file. Also, the knob can be used for selection from the list display.

File list: A desired file can be selected from a list.

- Touch “Files” on the screen. The list will be displayed.



- Touch a desired file. The player will start playing the selected file from the beginning.
- Touch **▲** or **▼** to scroll the list.
- If **>** appears to the right of titles, the complete titles are too long for the display. Touch this screen button to scroll to titles.

SELECTING A DESIRED FOLDER

- 1 Touch "Folders" on the screen. The folder list will be displayed.



- 2 Touch a desired folder from the list. The file list for the folder will be displayed.



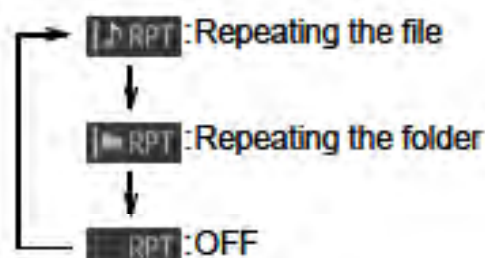
- When a desired file is touched, the player will start playing the file.
- Touch or to scroll the list.
- If appears to the right of titles, the complete titles are too long for the display. Touch this screen button to scroll to titles.

PLAYING REPEAT AND RANDOM ORDER



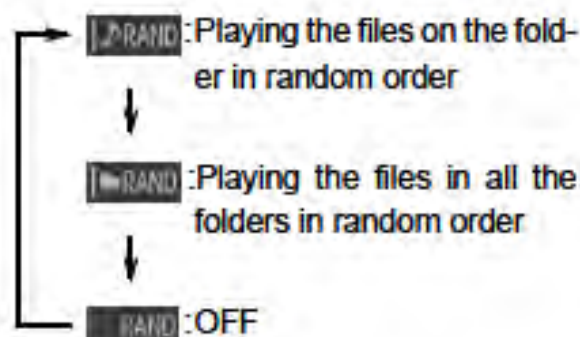
RPT (Repeat mode): Use it to automatically repeat the file or folder you are currently listening to.

- The repeat mode changes as follows each time the screen button is touched.



RAND (Random mode): Use it for automatic random selection of the file.

- The random mode changes as follows each time the screen button is touched.



5. Aha™ AUDIO OPERATION

Connecting an iPhone with the USB port, or an Android phone with Bluetooth® audio, users can operate Aha (installed on the phone) using the vehicle audio system.



CAUTION

- Do not connect the iPhone to the USB port or Android phone to the Bluetooth® audio system while driving.
- Bluetooth® phone is fitted with Bluetooth® antennas. People with implanted pacemakers or cardiac 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 implanted pacemakers and implanted cardiac 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 phone in the vehicle. The temperature inside may rise to a level that could damage the phone.
- Do not press down on or apply unnecessary pressure to the iPhone while it is connected as this may damage the iPhone or its terminal.
- Do not insert foreign objects into the USB port as this may damage the iPhone or its terminal.

INFORMATION

- This system has a charging function for iPhones.
- When the battery level of a phone is very low, the phone may not operate. If so, charge the phone before use.
- Depending on the portable player that is connected to the system, certain functions may not be available. If a function is unavailable due to a malfunction, disconnecting your portable player and reconnecting it may resolve the problem.
- It is not required to have Aha launched on the phone before connection.
- It may take time, the phone connection is carried out during Aha audio play.



Aha offers more than 30,000 stations of audio content from internet music, news, audiobooks, personalized restaurant recommendations, weather and hotel searches, Facebook and Twitter news-feeds and much more.

INFORMATION

- For more information about Aha, refer to <http://www.aharadio.com>.



CAUTION

- Do not start Aha with an iPhone while driving.

INSTALLING THE Aha APPLICATION

- 1 Download Aha application onto your smartphone. For an iPhone, using iTunes App Store. For an Android phone, using Google Play.
- 2 Follow the instructions to set up your Aha account on your smartphone.
- 3 Optional: Link your Associated Accounts in the Settings menu to enable certain personalized stations.
- 4 Aha provides content suggestions from a wide range of Featured categories, but you can also add many presets via the smartphone app or the Aha website (<http://aharadio.com/station>).

AVAILABILITY OF SERVICE

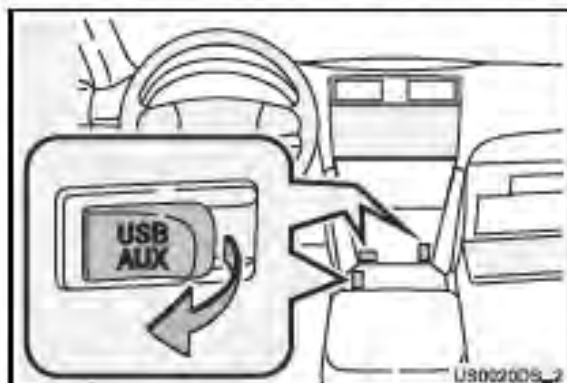
- Aha's location-based services list the points of interest in the current location. The list depends on the available service in the region.

INFORMATION

- When using Aha, depending on the details of your smartphone contract, data usage fees may apply. Confirm data usage fees before using this service.
- iPhone needs to be connected through USB cable to use Aha.
- Android phone needs to have Bluetooth® audio connection to use Aha.

CONNECTING AN iPhone

- 1 Open the cover of the USB/AUX port and connect an iPhone using an iPhone dock connector to USB cable.



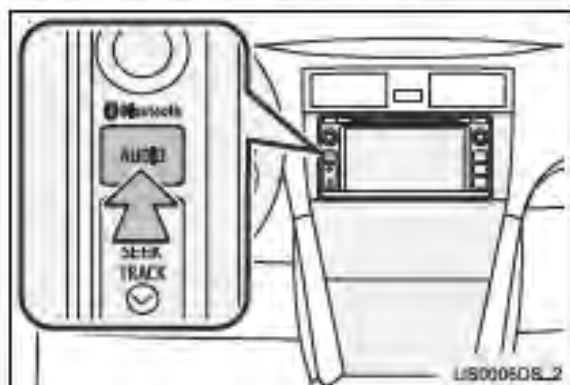
- The USB/AUX port is located on the instrument panel, or near the shift knob etc. The actual design and port position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".
- Turn on the power of the iPhone if it is not turned on.

CONNECTING AN Android PHONE

In order to use the Bluetooth® audio system for Aha, it is necessary to pair an Android phone and connect the audio profile (A2DP) with the system (see page 175 for procedures).

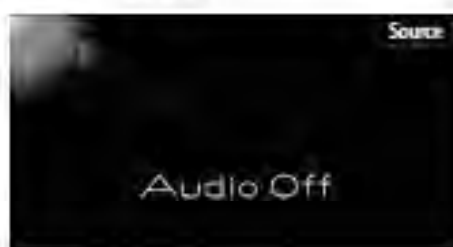
SWITCHING TO Aha MODE

- 1 Press the "AUDIO" button.



- The audio system turns on in the last mode used.

- 2 Touch "Source".



- 3 Touch "aha**".



- If an iPhone or Android phone is not connected, the connecting for Aha screen will automatically appear after pressing "aha".
- * Aha is a registered trademark of Harman International Industry, Inc.

INFORMATION

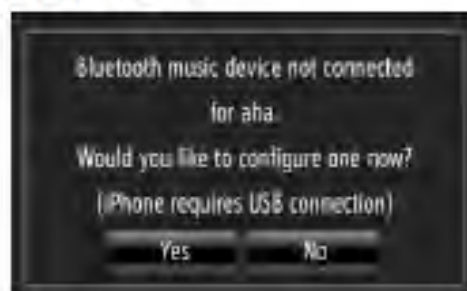
- It will take time for "aha" button to be available during the system startup.
- If both iPhone and Android phone are connected, the iPhone will be used for Aha operation.

CONNECTING FOR Aha

In order to use the Aha audio system, it is necessary to connect an iPhone or Android phone.

CONNECTING A PHONE**CONNECTING Android PHONE**

- 1 Switching to Aha mode. (See page 91.)
- 2 Touch "Yes".



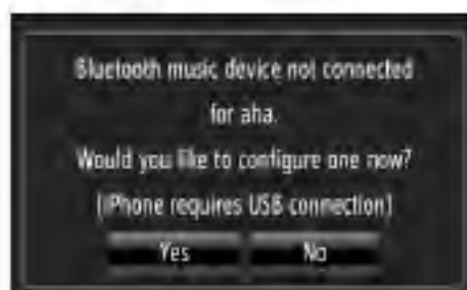
- 3 The following screen will be displayed.



- If no Android phone in paired device list, see page 175 to pair an Android phone.
- If there are Android phones in paired device list, select one to connect it for music. see page 178.

CONNECTING iPhone

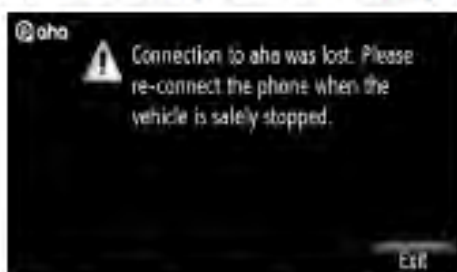
- 1 Switching to Aha mode. (See page 91.)
- 2 Touch "No".



- Connect an iPhone using its dock connector to USB cable to the USB/AUX port.

RECONNECTING A PHONE

- If the system can't recover the connection loss, the following screen is displayed.



- Reconnect the iPhone USB cable if an iPhone was connected.
- Reconnect the Android phone for music if an Android phone was connected.
- To return to the audio source selection screen, touch "Exit".

CONNECTING TO Aha

In order to use Aha application, data plan is required on a phone.

- 1 Switching to Aha mode. (See page 91.)
- 2 The following screen will be displayed while connecting to Aha.



- iPhone handset will display Aha request: "Aha Radio would like to communicate with the Scion BeSpoke".
 - Press Allow on the handset to finish the connection.
 - Press Ignore on the handset to stop the connection.
- 3 Preset list stored in your Aha account is displayed.
- A default station is played. To play different program, touch the desired station.

INFORMATION

- Preset list will not be displayed if there is a station currently playing on the handset. The station will start playing automatically.
- When Aha is connected, the app interface on the smartphone will lock and all controls will be managed through the head unit.

PLAYING Aha PRESET**PLAYING A PROGRAM**

The title of the preset, station and time of the track last played will be displayed.

PLAY AND PAUSE

-  : Touch to pause the program.
-  : Touch to resume the program.
-  : Touch to skip ahead 15 seconds.
-  : Touch to skip back 30 seconds.

- When you touch , you can adjust sound settings. (See pages 74, 75 and 76.)

SELECTING A PROGRAM**SELECTING BY STATION**

Preset station can be selected from a program play screen or service location play screen.

1 Touch "Presets".**2 Preset list stored in your Aha account is displayed.**

- Last played program is played.
- To go back to play screen, touch the  button.

3 Touch the desired station to be played.

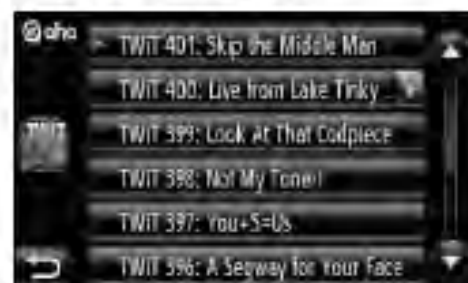
SELECTING BY LIST

Some stations provide a list of tracks.

- 1 Touch .



- 2 Touch the desired track.



- To go back to play screen, touch the  button.

INFORMATION

- SELECTING BY LIST feature may not be available for some stations.

PROVIDE FEEDBACK

Like and/or dislike feedback options are available on some content.

- 1 Touch  or .



 (Like): Use it to report that you like the content currently in play.

- Some stations use  for Like.

 (Dislike): Use it to report that you dislike the content current in play.

- Some stations use  for dislike.

INFORMATION

- This feature may not be available for some stations.

SELECTING Aha LOCATION BASED SERVICE

SELECTING A SERVICE

This is a dynamic list which changes by current location.

1 Touch "Nearby".



2 Touch the desired service



- To go back to the play screen, touch .
- The first location in the service list will be displayed and read out.

INFORMATION

- Available services for Aha LOCATION BASED SERVICE is subject to change without notice.

LISTENING TO RESULTS

The results of the service selected will be read out and displayed.

PLAY AND PAUSE



-  : Touch to pause playback.
-  : Touch to resume playback.
-  : Touch to call the location if available.
-  : Touch to navigate to the location if available.

- When you touch , you can adjust sound settings. (See pages 74, 75 and 76.)

SELECTING BY LIST

The desired result can be selected from the current location list.

1 Touch .



2 The list of available service in current location is displayed.

- To go back to the play screen, touch .
- #### 3 Touch the desired result to display its location.

INFORMATION

- SELECTING BY LIST feature may not be available for some services.

IF A MESSAGE APPEARS ON THE SCREEN

When problems occur starting up Aha, a message will appear on the screen. Referring to the table below to identify the problem, take the suggested corrective action.

Message	Display conditions	Corrective action
"Bluetooth music device not connected for aha. Would you like to configure one now? (iPhone requires USB connection)"	Aha connection cannot be initiated.	Please connect a phone to the system. For an Android phone, connect to Bluetooth audio. For an iPhone, connect its dock connector to USB cable to USB port.
"Connection to Aha is lost. Please re-connect the phone when the vehicle is safely stopped."	Aha connection is lost.	For an Android, make sure it's connected for Bluetooth audio. For an iPhone, make sure the USB connection is good.
"Action not available"	An invalid action was performed for the given content.	Please do valid action for the given content. Supported actions vary by station.
"Please log into Aha."	The user credentials are not valid or unable to authenticate from the handset to Aha.	Please give the correct user credentials to log in to your Aha account on your smartphone.
"Please make sure you have the latest version of Aha."	The version of Aha on the handset is not supported by the head unit software.	Please download the latest version of Aha in the handset.
Loading	Loading the contents from the server / the network signal is too low to stream data faster.	Please log into your Aha account. If you are already logged in, then the network signal might be too low. Try to reconnect after some time.
Could not relaunch Aha client.	Could not start the Aha client on the phone.	Please log into your Aha account and re-try starting Aha on the phone.
No Network - Please try again later.	Aha server may be down for maintenance or it could not find a network connection or the connection to the server was lost.	Please check signal quality and try connecting to Aha later.
Please reconnect mobile device.	Could not start a session with the handset.	Please disconnect and re-connect the device.

Message	Display conditions	Corrective action
Please disconnect and restart.	An unrecoverable error occurred in the Aha session.	Please disconnect and re-connect the device.
An error occurred communicating with the Aha client. Please disconnect the phone and restart this application.	An error occurred talking to the handset.	Please disconnect and re-connect the device.

6. USB MEMORY/iPod OPERATION

The system enables users to enjoy music played from a USB memory or iPod on the vehicle's speakers.

CAUTION

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

NOTICE

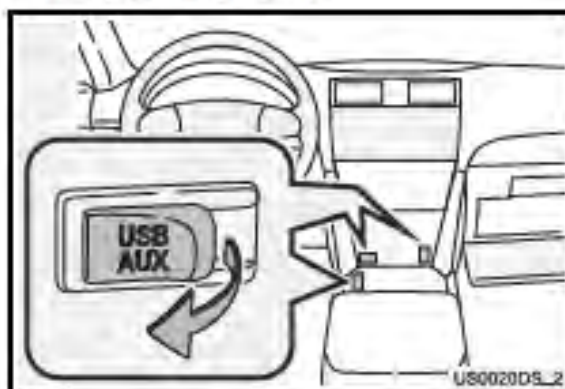
- Do not leave your portable player in the vehicle. The temperature inside may rise to a level that could damage the portable player.
- Do not press down on or apply unnecessary pressure to the portable player while it is connected as this may damage the portable player or its terminal.
- Do not insert foreign objects into the USB port as this may damage the portable player or its terminal.

INFORMATION

- This system has a charging function for iPods.
- When the battery level of an iPod is very low, the iPod may not operate. If so, charge the iPod before use.
- Depending on the portable player that is connected to the system, certain functions may not be available. If a function is unavailable due to a malfunction, disconnecting your portable player and reconnecting it may resolve the problem.
- When an iPod does not operate, update the software of the iPod to the latest version, and then retry. For supported models and software versions, see page 121.
- This system supports MTP devices.

CONNECTING A USB MEMORY OR iPod

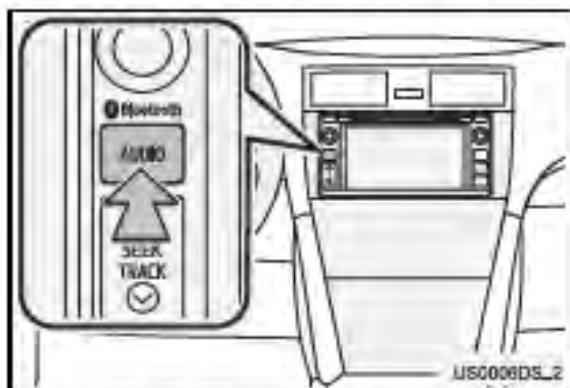
- Open the cover of the USB/AUX port and connect a USB memory or iPod using an iPod cable.



- The USB/AUX port is located on the instrument panel, or near the shift knob etc. The actual design and port position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".
- Turn on the power of the USB memory or iPod if it is not turned on.
- If a USB memory or iPod is inserted, it starts playing automatically. As soon as it is ready to play, the audio control screen is shown automatically.

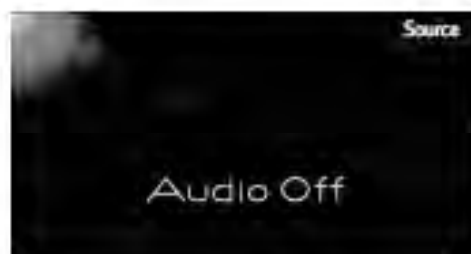
SWITCHING TO USB OR iPod MODE

- 1 Press the "AUDIO" button.



- The audio system turns on in the last mode used.

- 2 Touch "Source".



- 3 Touch "USB" or "iPod"



INFORMATION

- If no USB memory or iPod is connected, "USB" or "iPod" cannot be selected. Connect a USB memory or iPod to the USB port.

PLAYING A USB MEMORY OR iPod

PLAYING A SONG

The title of the album, song and artist name of the song currently being listened to will be displayed.

PLAY AND PAUSE



: Touch to pause the song.

: Touch to resume playing the song.

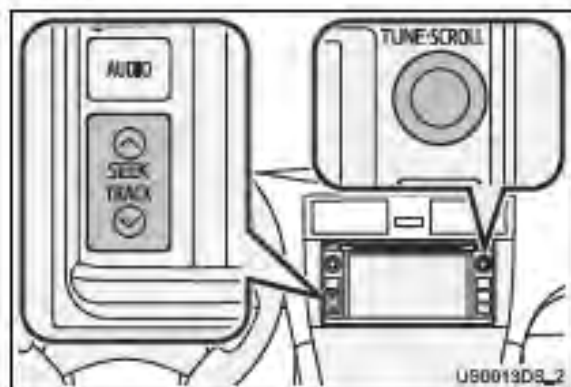
- When you touch , you can adjust sound settings. (See pages 74, 75 and 76.)

INFORMATION

- The progress bar indicator does not always correspond to the actual elapsed playback position.
- USB memory only: If the song's data does not contain an ID3 tag, the file and folder name will be displayed instead of the song and album title. Please note that the file name will not include the file's extension.

FAST FORWARD AND REVERSE

- 1 Press and hold the “^” or “v” of the “SEEK/TRACK” button to fast forward or reverse. When the button is released, the player will start playing from that position.



SELECTING A DESIRED SONG

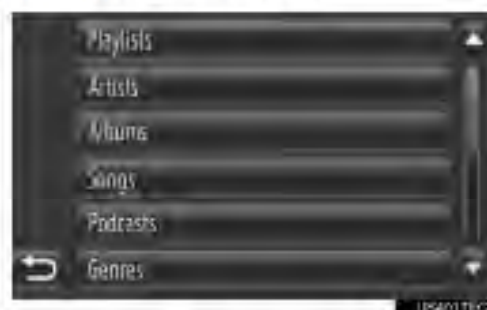
SELECTING A PLAYLIST

Songs can be sorted and selected from various playlists.

- 1 Touch “Browse”.



- 2 Touch the desired list.



- Touch the desired item to display its list. Continue to touch the applicable screen button until its song list is displayed.
- The selecting playlist screen is can be displayed from the “Options” screen. Touch “Options” and then touch “Browse For Music” on the next screen.

- 3 Touch the desired song.



INFORMATION

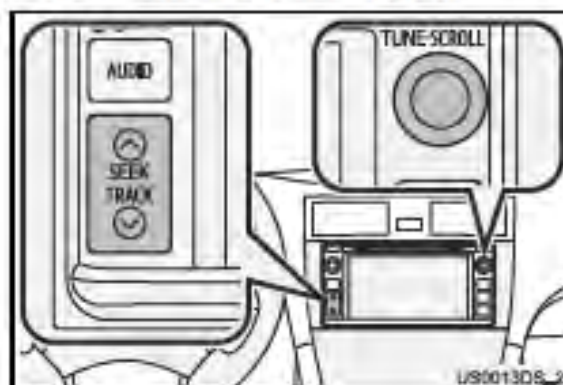
- USB memory only: Files that do not contain song title and/or album information will be displayed as "Unknown" in the "Artist" and/or "Album" list.
- While the media is being synchronized, a pop-up window is displayed. When synchronization is complete, a pop-up window will be displayed and the function will be available. Touch "OK" to return to the previous screen.

SELECTING BY LIST

The desired song can be selected from the current playlist.

1 Touch "List".**2 Touch the desired song.**

- The list is can be displayed from the "Options" screen. Touch "Options" and then touch "Current Playlist" on the next screen.

SELECTING A DESIRED SONG USING THE "SEEK/TRACK" BUTTON OR "TUNE SCROLL" KNOB

"SEEK/TRACK" button: Press the "▲" or "▼" of the "SEEK/TRACK" button to select a desired song.

"TUNE SCROLL" knob: Turn to select a desired song.

COVER ART FUNCTION

The album, that the song currently being listened to is from, is called up so that a song from it can be selected.

- 1 Touch cover art.



- 2 A list of all the songs from the album will be displayed.



- 3 Touch the desired song.

INFORMATION

- If a song other than the one currently being listened to is selected, the current list is updated and will include all the songs from the album the selected song belongs to.
- It may take time to display iPod cover art. Only iPod cover art that is saved in JPEG format can be displayed.
- When Audio book or Podcast playlists are selected, this function is not available.

PLAYING "Play More Like This" FUNCTION

The system creates a new playlist containing songs similar to the one currently being listened to.

- 1 Touch "Play More Like This".



- A pop-up window is displayed until the playlist is created. If you touch "Cancel" on the screen, the creation of the new playlist is cancelled.

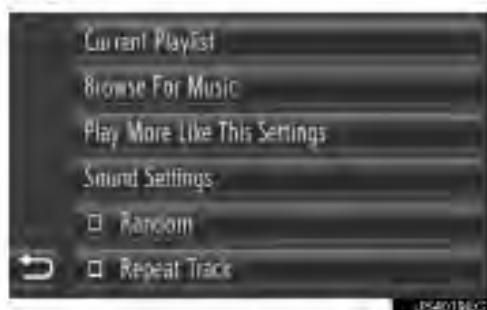
"Play More Like This" SETTING

The size of the playlist of similar songs can be set.

- 1 Touch "Options".



- 2 Touch "Play More Like This Settings".



- 3 Touch the desired size of the playlist.



- 4 Touch .

REPEAT AND RANDOM PLAY FUNCTIONS

Repeat and random play functions are available.

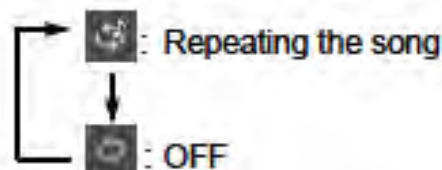
FROM THE AUDIO CONTROL SCREEN

- 1 Touch  or .



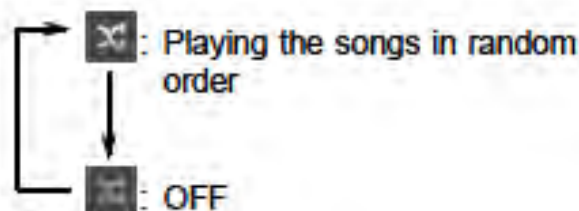
 (Repeat mode): Use it to automatically repeat the song you are currently listening to.

- The repeat mode changes as follows each time the screen button is touched.



 (Random mode): Use it for automatic random order in the current playlist.

- The random mode changes as follows each time the screen button is touched.

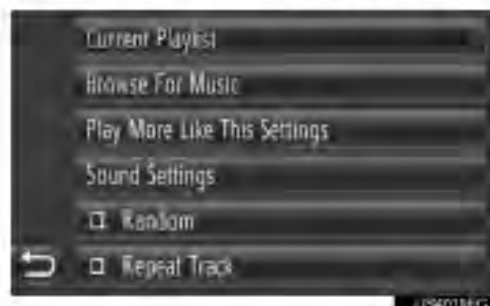


■ FROM THE “Options” SCREEN

1 Touch “Options”.



2 Touch “Random” or “Repeat Track”.



- To cancel repeat or random order, touch “Random” or “Repeat Track” again.

INFORMATION

- When “Random” is on, the songs in the current playlist are played in random order.

7. AUX DEVICE OPERATION

Connecting a portable audio device with the AUX port enables users to enjoy music via the vehicle speakers.



CAUTION

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

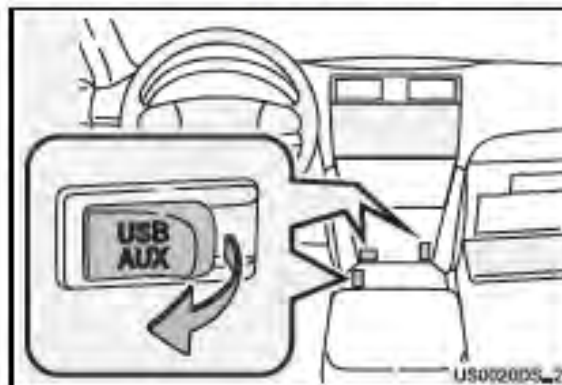


NOTICE

- Do not leave the portable audio device in the car. In particular, high temperatures inside the vehicle may damage the device.
- Do not push down on or apply unnecessary pressure to the portable audio device while it is connected as this may damage the device or its terminal.
- Do not insert foreign objects into the AUX port as this may damage the portable audio device or its terminal.

CONNECTING A PORTABLE AUDIO DEVICE

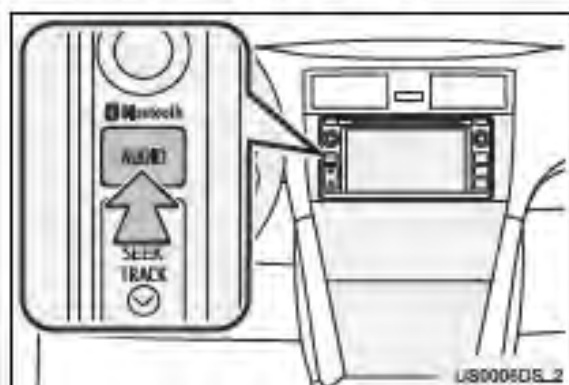
- Open the cover of the USB/AUX port and connect a portable audio device.



- The USB/AUX port is located on the instrument panel, or near the shift knob etc. The actual design and port position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".

SWITCHING TO AUX MODE

- 1 Press the "AUDIO" button.



- The audio system turns on in the last mode used.

- 2 Touch "Source".



- 3 Touch "AUX".



INFORMATION

- If no portable audio device is connected, "AUX" cannot be selected. Connect the portable audio device to the AUX port.

PLAYING A PORTABLE AUDIO DEVICE



- Only the volume can be adjusted using the audio system controls. The remaining controls need to be operated on the portable audio device itself.

8. Bluetooth® AUDIO OPERATION

- When you touch , you can adjust sound settings. (See pages 74, 75 and 76.)

The Bluetooth® audio system enables users to enjoy music played on a portable player from the vehicle speaker via wireless communication.

If your portable player does not support Bluetooth®, the Bluetooth® audio system will not function.



CAUTION

- 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 implanted pacemakers or cardiac 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 implanted pacemakers and implanted cardiac 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 audio player in the car. In particular, high temperatures inside the vehicle may damage the portable audio player.

INFORMATION

- In the following conditions, the system may not function.
 - The portable audio player is turned off.
 - The portable audio player is not connected.
 - The portable audio player has a low battery.
- Depending on the portable audio player that is connected to the system, certain functions may not be available.
- It may take time, the phone connection is carried out during Bluetooth® audio play.



Bluetooth is a registered trademark of Bluetooth SIG, Inc.

INFORMATION

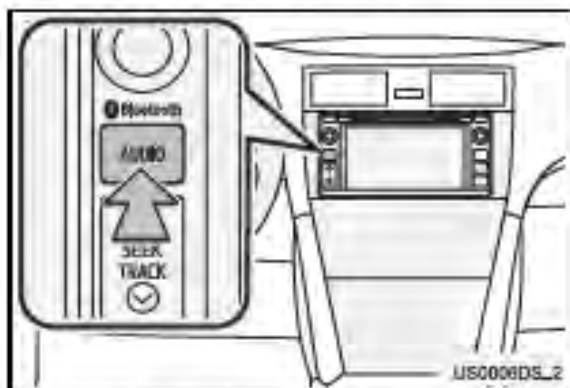
- Portable audio players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, please note that some functions may be limited depending on the type of portable audio player.
 - Bluetooth® Specification
Ver.1.1 or higher
(Recommended: Ver.2.1+EDR or higher)
 - Profile
A2DP (Advanced Audio Distribution Profile)
Ver.1.0 or higher
(Recommended: Ver.1.2 or higher)
AVRCP (Audio/Video Remote Control Profile)
Ver.1.0 or higher
(Recommended: Ver.1.4 or higher)

CAUTION

- FCC ID: QNG-BE2729
IC ID: 6434A-BE2729
MADE IN USA
This device complies with Part 15 of the FCC Rules and RSS-210 of the Industry Canada. 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: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- CAUTION: Radio Frequency Radiation Exposure
This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it is deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).
- Co-location: This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

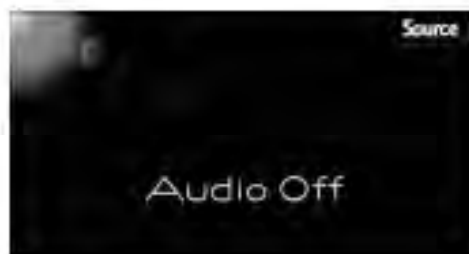
SWITCHING TO Bluetooth® AUDIO MODE

- 1 Press the "AUDIO" button.



- The audio system turns on in the last mode used.

- 2 Touch "Source".



- 3 Touch "Bluetooth**".



- If a Bluetooth® audio device is not connected, the connecting Bluetooth® audio screen will automatically appear.

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

CONNECTING Bluetooth® AUDIO

In order to use the Bluetooth® audio system, it is necessary to pair a portable player and connect the audio profile (A2DP) with the system. (In this manual, pairing refers to a Bluetooth® device connecting with the system. Connecting refers to the paired device's profile(s) being connected to the system.)

Once you have connected a device with audio profile (A2DP), you can enjoy your music on the vehicle's audio system.

If you have not yet connected a portable player with audio profile (A2DP), you must first pair a portable player with audio profile (A2DP) according to the following procedures. Connect your portable player with audio profile (A2DP) after bringing the vehicle to a complete stop.

- See "Bluetooth® SETTINGS" on page 173 of additional registration when registering.

CONNECTING Bluetooth® AUDIO

CONNECTING FROM THE SYSTEM

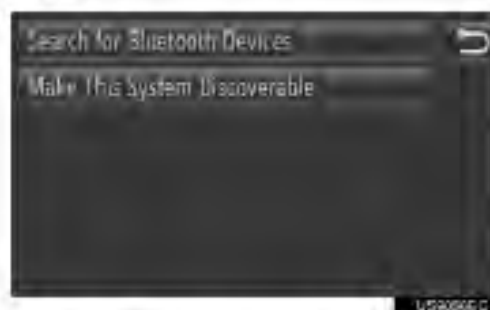
- 1 Switching to Bluetooth® audio mode.
(See page 111.)
- 2 Touch "Search Bluetooth* Devices".



- 3 Touch "Add New Device".



- 4 Touch "Search for Bluetooth* Devices".



- When another Bluetooth® device is currently connected, a pop-up window is displayed. To disconnect it, touch "Yes".
- *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.



- 5 The following screen will be displayed while searching for a Bluetooth® device.



- To cancel this function, touch "Cancel".

- 6 Touch the device to be paired.



- Connectable Bluetooth® devices will be displayed in the list.

- 7 The following screen will be displayed.



- To cancel this function, touch "Cancel".

8 Confirm the PIN.



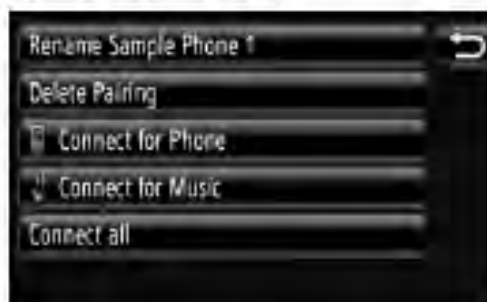
- Confirm the PIN displayed on the screen, and then touch "Accept".
- If the device does not support SSP (Secure Simple Pairing), input the PIN displayed on the screen into the device.

9 The following screen will be displayed when pairing is complete.



10 The system waits for connection requests coming from the paired device. Phone and Music profiles are typically connected automatically.

- If the automatic connection failed, the following screen will be displayed. Touch "Connect for Music".



- Once a portable player has been connected, it will be automatically connected whenever the engine switch is turned to the "ACC" or "ON" position.

INFORMATION

- For details on device detection and operation of the portable player, refer to the manual that comes with the portable audio player.

CONNECTING FROM THE DEVICE

1 Switching to Bluetooth® audio mode. (See page 111.)

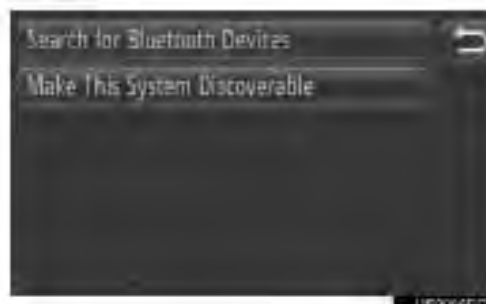
2 Touch "Search Bluetooth* Devices".



3 Touch "Add New Device".



4 Touch "Make This System Discoverable".



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

- When another Bluetooth® device is currently connected, a pop-up window is displayed. To disconnect it, touch "Yes".



- The following screen will be displayed.



- To cancel this function, touch "Cancel".

- Confirm the PIN.



- Confirm the PIN displayed on the screen, and then touch "Accept".
- If the device does not support SSP (Secure Simple Pairing), input the PIN displayed on the screen into the device.

- The following screen will be displayed when pairing is complete.



- The system waits for connection requests coming from the paired device. Phone and Music profiles are typically connected automatically.



RECONNECTING Bluetooth® AUDIO

If a portable player is disconnected due to poor reception from the Bluetooth® network when the engine switch is in the "ACC" or "ON" position, the system will automatically reconnect the portable player.

- If the Bluetooth® device is disconnected on purpose, such as it was turned off, this does not happen. Reconnect it manually using either of the following methods:
 - Select a portable player again. (See page 178.)
 - Connect the audio profile. (See page 175.)

PLAYING Bluetooth® AUDIO

PLAYING A SONG

The title of the song, album and artist name of the song currently being listened to will be displayed.

PLAY AND PAUSE



: Touch to pause the song.

: Touch to resume playing the song.

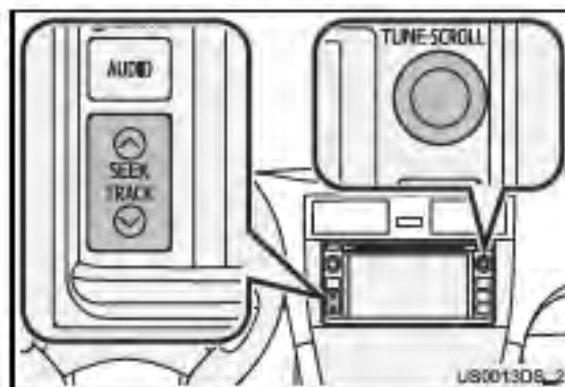
- When you touch , you can adjust sound settings. (See pages 74, 75 and 76.)

INFORMATION

- The progress bar indicator does not always correspond to the actual elapsed playback position.
- If the song's data does not contain an ID3 tag, the file and folder name will be displayed instead of the song and album title. Please note that the file name will not include the file's extension.
- Bluetooth® audio screen may differ depending on your device.

FAST FORWARD AND REVERSE

- Press and hold the “^” or “v” of the “SEEK/TRACK” button to fast forward or reverse. When the button is released, the player will start playing from that position.



SELECTING A DESIRED SONG

SELECTING A PLAYLIST

Songs can be sorted and selected from various playlists.

- Touch “Browse”.



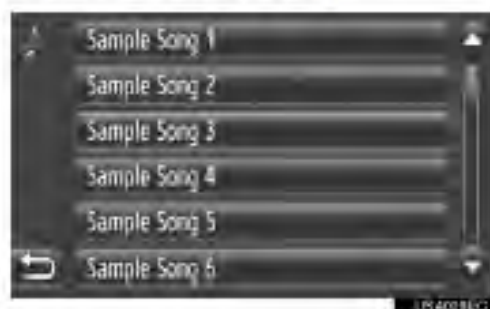
- Touch the desired list.



- Touch the desired item to display its list. Continue to touch the applicable screen button until its song list is displayed.

- The selecting playlist screen is can be displayed from the "Options" screen. Touch "Options" and then touch "Browse For Music" on the next screen.

3 Touch the desired song.



INFORMATION

- Files that do not contain song title and/or album information will be displayed as "Unknown" in the "Artist" and/or "Album" list.
- This function may not be available depending on the portable audio player.

SELECTING BY LIST

The desired song can be selected from the current playlist.

1 Touch "List".



2 Touch the desired song.

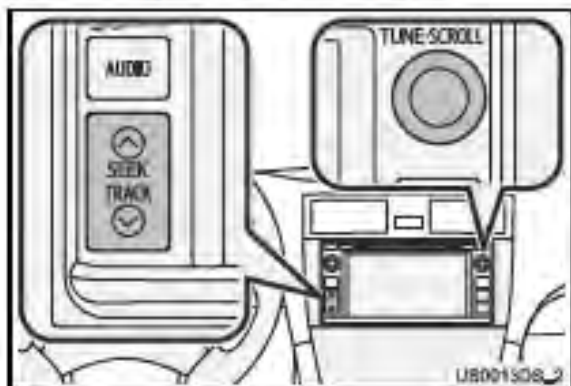


- The list is can be displayed from the "Options" screen. Touch "Options" and then touch "Current Playlist" on the next screen.

INFORMATION

- This function may not be available depending on the portable audio player.

SELECTING A DESIRED SONG USING THE "SEEK/TRACK" BUTTON OR "TUNE SCROLL" KNOB



"SEEK/TRACK" button: Press the "▲" or "▼" of the "SEEK/TRACK" button to select a desired song.

"TUNE SCROLL" knob: Turn to select a desired song.

REPEAT AND RANDOM PLAY FUNCTIONS

Repeat and random play functions are available.

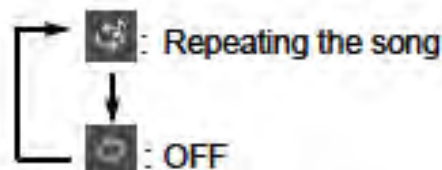
FROM THE AUDIO CONTROL SCREEN

- 1 Touch  or .



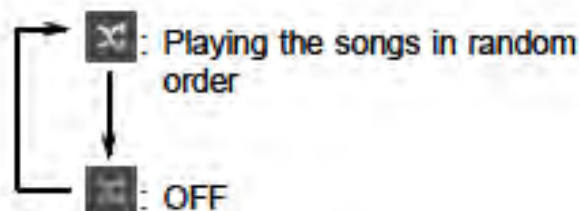
 **(Repeat mode):** Use it to automatically repeat the song you are currently listening to.

- The repeat mode changes as follows each time the screen button is touched.



 **(Random mode):** Use it for automatic random order in the current playlist.

- The random mode changes as follows each time the screen button is touched.

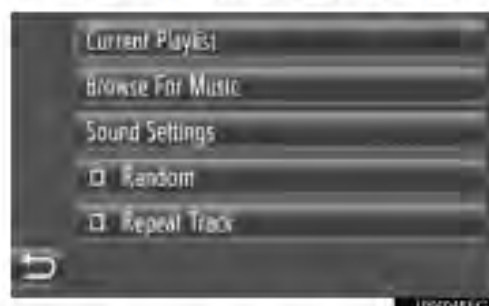


■ FROM THE “Options” SCREEN

1 Touch “Options”.



2 Touch “Random” or “Repeat Track”.



- To cancel repeat or random order, touch “Random” or “Repeat Track” again.

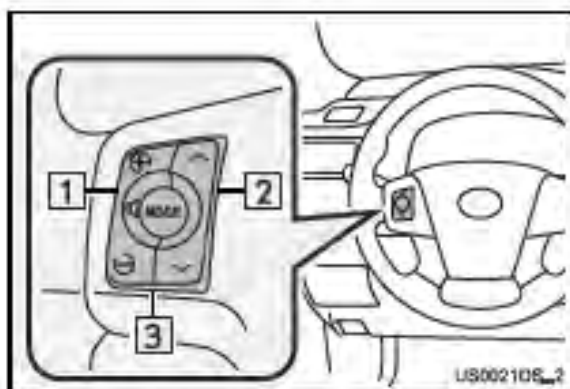
INFORMATION

- When “Random” is on, the songs in the current playlist are played in random order.

9. STEERING SWITCHES

Some parts of the audio system can be adjusted with the switches on the steering wheel.

STEERING SWITCHES (WITH TWO DIRECTION STEERING SWITCH)



- The actual design and button position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".
- Details of the specific switches, controls, and features are described below.

No.	Switch
1	Volume control switch
2	"Λ" "V" switch
3	"MODE" switch

1 Volume control switch

- Press the "+" side to increase the volume. The volume continues to increase while the switch is being pressed.
- Press the "-" side to decrease the volume. The volume continues to decrease while the switch is being pressed.

2 "Λ" "V" switch

► Radio

To select a preset station: Press the "Λ" or "V" switch.

To seek a radio station: Press and hold the "Λ" or "V" switch until you hear a beep. If you press either the "Λ" or "V" switch in seek mode, the seek mode will be cancelled.

► CD player

To select a desired track or file: Press the "Λ" or "V" switch.

To select a desired folder (MP3/WMA): Press and hold the "Λ" or "V" switch until you hear a beep.

► USB memory/iPod

To select a desired song: Press the "Λ" or "V" switch.

Fast forward and reverse: Press and hold the "Λ" or "V" switch until you hear a beep.

► Bluetooth® audio player

To select a desired song: Press the "Λ" or "V" switch.

Fast forward and reverse: Press and hold the "Λ" or "V" switch until you hear a beep.

3 "MODE" switch

- Press the "MODE" switch to select an audio mode. Each press changes the mode sequentially if the desired mode is ready to use.
- To turn the audio system on, press the "MODE" switch.
- Press and hold the "MODE" switch until you hear a beep and the music will pause or be muted. By the same operation, it is released.

10. AUDIO SYSTEM OPERATING HINTS



NOTICE

- To avoid damaging the audio system:
 - Be careful not to spill beverages over the audio system.
 - Do not put anything other than on appropriate discs into the CD player slot.

INFORMATION

- The use of a cellular phone inside or near the vehicle may cause a noise from the speakers of the audio system which you are listening to. However, this does not indicate a malfunction.

RADIO RECEPTION

Usually, a problem with radio reception does not mean there is a problem with your radio — it is just the normal result of conditions outside the vehicle.

For example, nearby buildings and terrain can interfere with FM reception. Power lines or telephone wires can interfere with AM signals. And of course, radio signals have a limited range, and the farther you are from a station, the weaker its signal will be. In addition, reception conditions change constantly as your vehicle moves.

Here are some common reception problems that probably do not indicate a problem with your radio.

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 two signals to reach your 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 you are listening to is interrupted or weakened, and there is another strong station nearby on the FM band, your 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.

iPod



- "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.

COMPATIBLE MODELS

The following iPod®, iPod nano®, iPod classic®, iPod touch® and iPhone® devices can be used with this system.

Made for

- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod classic
- iPod with video
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (1st generation)
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

Depending on differences between models or software versions etc., some models might be incompatible with this system.

USB MEMORY

- USB memory that can be used for MP3 and WMA playback.
 - USB communication formats: USB 2.0 HS (480 Mbps) and FS (12 Mbps)
 - File formats: FAT 16/32 (Windows®)
 - Correspondence class: Mass storage class

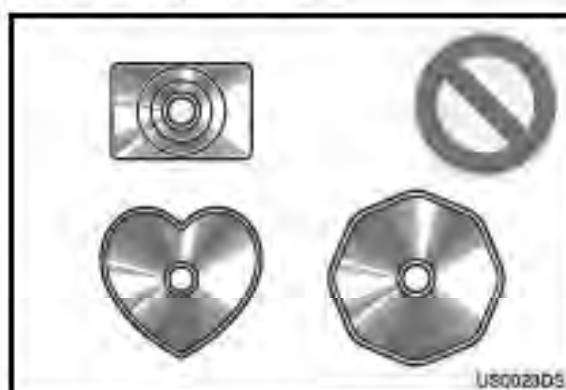
CARING FOR YOUR CD PLAYER AND DISCS

- Your CD player is intended for use with 4.7 in. (12 cm) discs only. To play 3 in. (8 cm) discs, use an adaptor.
- Extremely high temperatures can keep your CD player from working. On hot days, use air conditioning to cool the vehicle interior before you listen to a disc.
- Bumpy roads or other vibrations may make your CD player skip.
- If moisture gets into your CD player, you may not hear any sound even though your CD player appears to be working. Remove the discs from the CD player and wait until it dries.

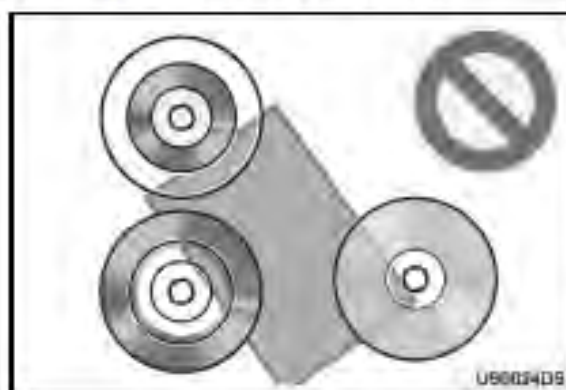
Audio CDs



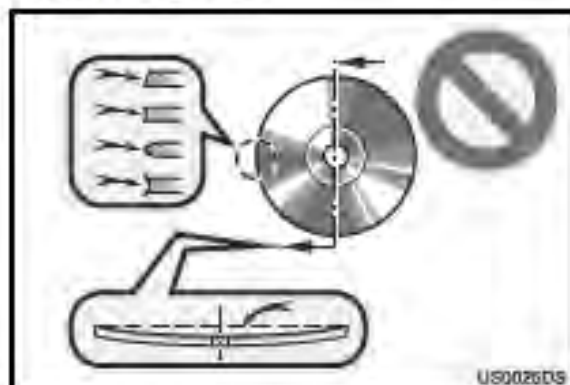
- Use only discs marked as shown above. The following products may not be playable on your CD player.
 - SACDs
 - dts CDs
 - Copy-protected CDs
 - Video CDs
- Special shaped discs



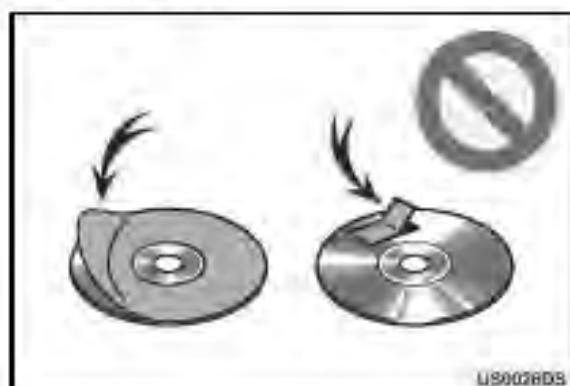
- Transparent/translucent discs



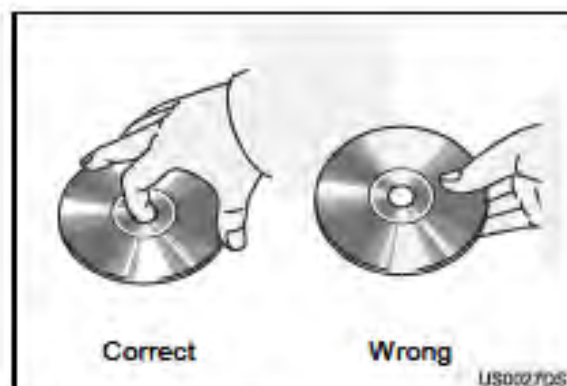
► Low quality discs



► 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 Disc. Do not use Dual Disc because it may cause damage to the player.



- Handle discs carefully, especially when you are 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 CD 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 CD player when you are not using them. 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 a circle). Do not use a conventional record cleaner or anti-static device.

MP3/WMA FILES

- MP3 (MPEG Audio Layer 3) and WMA (Windows Media Audio) are audio compression standards.
- The MP3/WMA player can play MP3 and WMA files on CD-ROM, CD-R and CD-RW discs.
The unit can play disc recordings compatible with ISO 9660 level 1,2 (Romeo Joliet) and UDF (2.01 or lower) file system.
- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).
- The MP3/WMA player plays back files with .mp3 or .wma file extensions as MP3 or WMA files. To prevent noise and playback errors, use the appropriate file extensions.
- The player can play only the first session using multi-session compatible CDs.
- MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2, and Ver. 2.3 formats. The unit cannot display disc title, track title and artist name in other formats.
- USB memory: MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3 and Ver. 2.4 formats. The unit cannot display track title and artist name in other formats.
- 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, artist name.
- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, files recorded with a bit rate of at least 128 kbps are recommended.

SAMPLING FREQUENCY

MP3 files:

MPEG 1 AUDIO LAYER 3 — 32, 44.1, 48 kHz

MPEG2 AUDIO LAYER3 — 16, 22.05, 24 kHz

WMA files for WMA player:

Ver. 7, 8, 9 CBR — 32, 44.1, 48 kHz

WMA files for USB memory:

Ver. 7, 8, 9 — HIGH PROFILE 32, 44.1, 48 kHz

PLAYABLE BIT RATES

MP3 files for MP3 player:

MPEG1 LAYER3 — 32 to 320 kbps

MPEG2 LSF LAYER3 — 8 to 160 kbps

MP3 files for USB memory:

MPEG 1 AUDIO LAYER 2, 3 — 32 to 320 kbps

MPEG 2 AUDIO LAYER 2, 3 — 8 to 160 kbps

WMA files for WMA player:

Ver. 7, 8 CBR — 48 to 192 kbps

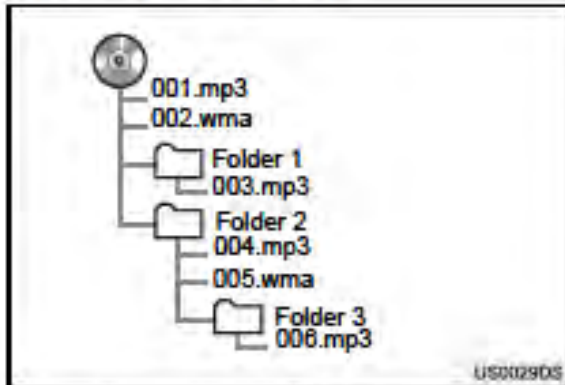
Ver. 9 CBR — 48 to 320 kbps

WMA files for USB memory:

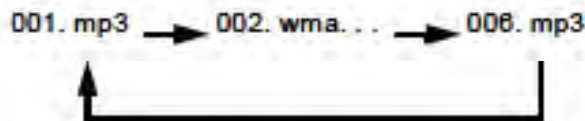
Ver. 7, 8, 9 CBR — 48 to 320 kbps

- M3u playlists are not compatible with the audio player.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The player is compatible with VBR (Variable Bit Rate).
- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if fast-forward or reverse operations are used.
- It is not possible to check folders that do not include MP3/WMA files.

- MP3/WMA 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 two levels of folders.
- WMA files Ver. 9 depends on "Windows Media® Audio Standard".



- The play order of the compact disc with the structure shown on the left is as follows:



- MP3/WMA player: It is possible to play up to 192 folders or 255 files on one disc.
- USB memory:
 - Maximum number of folder in device: 3000
 - Maximum number of files in one folder: 255
 - Maximum number of files in device: 9999
- The order changes depending on the PC and MP3/WMA encoding software you use.

CD-R AND CD-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 MP3/WMA 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.

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 title, the artist's name, the album title, the music genre, the year of production, comments and other data. The contents can be freely edited using software with ID3 tag editing functions. Although the tags are restricted to the 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, 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 two levels of regulations.
- Level 1: The file name is in 8.3 format (8 character file names, with a 3 character file extension. File names must be composed of one-byte capital letters and numbers. The "_" symbol may also be included.)
- Level 2: The file name can have up to 31 characters (including the separation mark "." and file extension). Each folder must contain fewer than 8 hierarchies.

m3u

- Playlists created using "WINAMP" software have a playlist file extension (.m3u).

MP3

- MP3 is an audio compression standard determined by a working group (MPEG) of the ISO (International Standard Organization). MP3 compresses audio data to about 1/10 the size of that on conventional discs.

WMA

- WMA (Windows Media Audio) is an audio compression format developed by Microsoft®. It compresses files into a size smaller than that of MP3 files. The decoding formats for WMA files are Ver. 7, 8, and 9.

Gracenote®

- Music recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information visit www.gracenote.com.



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Bluetooth® HANDS-FREE SYSTEM

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*: Point of Interest

1. QUICK REFERENCE

Pressing the  button allows access to the "Phone" menu screen.

When the  button is pressed, the screen that was last displayed is returned to. Touch  to display the "Phone" menu screen.

► "Phone" menu screen

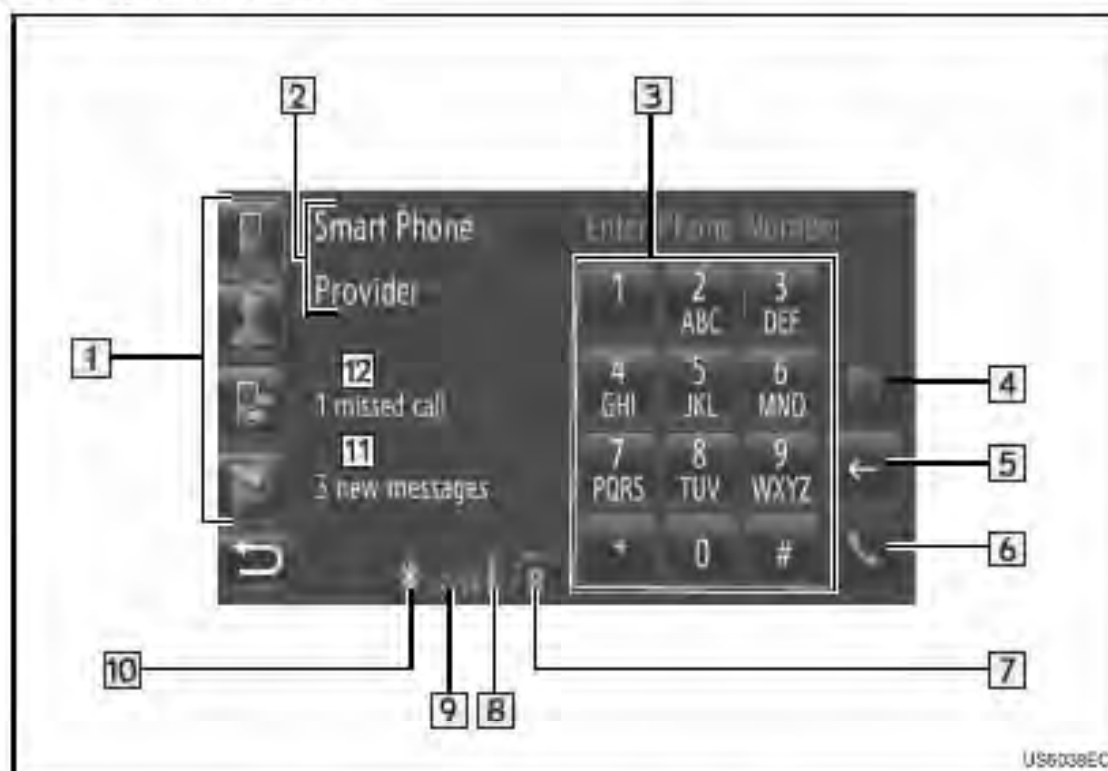


US0001DS

No.	Function	Page
1	Touch to display the "Dial By Number" screen. A call can be made by dialing the number.	146
2	Touch to display the "Contacts" screen. An entry from the list of contacts in the "Stored" screen, "Phone Book" or "Speed Dials" can be selected and called.	146, 147 148
3	Touch to display the "Call History" screen. An entry from the missed, received or dial call lists can be selected and called.	149
4	Touch to display the "Messages" screen. A list of received and sent short messages and a menu to create new short messages can be displayed.	155
5	Touch to display the "Phone" menu screen.	—

To display the "Dial By Number" screen, touch "Dial By Number" on the "Phone" menu screen, or touch  on any of the "Phone" screens.

► "Dial By Number" screen



No.	Name	Function
1	Shortcut keys	Touch the corresponding icon to change to the "Dial By Number", "Contacts", "Call History" or "Messages" screen.
2	The Name of phone and provider	Displaying name of the phone and provider. These information may not be displayed depending on the phone.
3	Number keys	Touch to input a phone number.
4	Save the number screen button	Touch to register a phone number.
5	Delete screen button	Touch to delete an input phone number.
6	Off hook screen button	Touch to make a phone call.
7	The receiving area	"R" is displayed when receiving in a Roaming area. The receiving area may not be displayed depending on the phone.

No.	Name	Function
8	The amount of battery charge left	The six bars display the charge level of the phone's battery. • The amount displayed does not always correspond with the amount displayed on the cellular phone. The amount of battery charge left may not be displayed depending on the phone. This system does not have a charging function. • If this information is not available from the connected phone, the icon will be shown with a question mark.
9	The level of reception	The five bars display the level of reception. • 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. • If this information is not available from the connected phone, the icon will be shown with a question mark.
10	Bluetooth® connection	The icon indicates an active BT-connection.
11	Short messages information	Displays short messages information.
12	Missed calls information	Displays missed calls information.

INFORMATION

- An antenna for the Bluetooth® connection is built into the instrument panel. The system may not function when you use the Bluetooth® phone in the following conditions and places:
 - When the cellular phone is obstructed by certain objects (such as when it is behind the seat or in the glove box and console box).
 - When the cellular phone touches or is covered with metal materials.

2. HANDS-FREE SYSTEM

Bluetooth® hands-free system allows you to make or receive a call without taking your hands off the steering wheel by connecting your cellular phone.

This system supports Bluetooth®. Bluetooth® is a wireless data system by which you can call without your cellular phone being connected with a cable or placed on a cradle.

The operating procedure of the system is explained in this section.

- For registering and setting of the phone, see "Bluetooth® SETTINGS" on page 173.



CAUTION

- Use a cellular phone or connect the Bluetooth® phone only when safe and legal to do so.
- Your audio unit is fitted with Bluetooth® antennas. People with implanted pacemakers or cardiac 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 implanted pacemakers and implanted cardiac 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 car. The temperature inside may be high and damage the phone.
- If the Bluetooth® phone is too close to the system, quality of the sound may deteriorate and connecting condition may go down.

INFORMATION

- If your cellular phone does not support Bluetooth®, this system will not function.
- Depending on the cellular phone models, some functions may be restricted.
- 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 outgoing is controlled, due to heavy traffic on telephone lines, etc.
 - When the cellular phone itself cannot be used
 - When transferring the phone book data from the cellular phone
- When using Bluetooth® audio and hands-free at the same time, the following problems may occur.
 - The Bluetooth® connection may be cut.
 - Noise may be heard on the Bluetooth® audio playback.
- The Bluetooth® phone battery will be depleted quickly when it is connected to Bluetooth®.



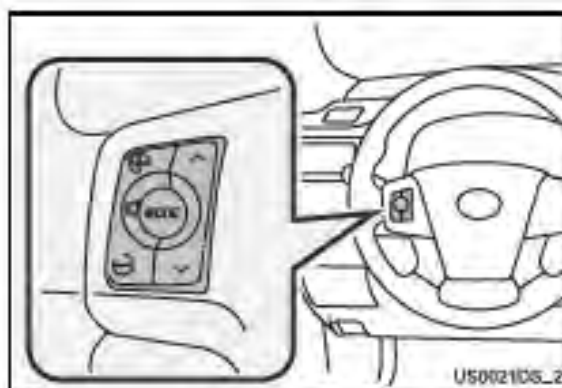
Bluetooth is a registered trademark of Bluetooth SIG, Inc.

INFORMATION

- This system supports the following service.
 - Bluetooth® Specification
Ver.1.1 or higher
(Recommended: Ver.2.1 + EDR or higher)
 - Profiles
HFP (Hands Free Profile)
Ver.1.0 or higher
(Recommended: Ver.1.5 or higher)
DUN (Dial-Up Networking Profile)
Ver.1.1 or higher
PAN (Personal Area Network)
Ver. 1.0
PBAP (Phone Book Access Profile)
Ver.1.0 or higher
SPP (Serial Port Profile)
MAP (Message Access Profile)
 - Application
PIM (Personal Information Manager)
- If your cellular phone does not support HFP, you cannot register the Bluetooth® phone, or use DUN/PAN or PBAP profiles individually.
- If the connected Bluetooth® phone version is older than recommended or incompatible, this function may not be used.

USING THE PHONE SWITCH AND MICROPHONE

The actual design and button position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".



- By pressing the volume switch, you can adjust the volume.



- You can use the microphone when talking on the phone.

INFORMATION

- The other party's voice will be heard from the front speakers. The audio system will be muted during phone calls or when hands-free speech commands are used.
- Talk alternately with the other party on the phone. If you talk at the same time, your voices may not reach each other. (It is not a malfunction.)
- Keep the volume of receiving voice down. Otherwise, an echo will be heard and receiving voice can be heard outside of the vehicle. When you talk on the phone, speak clearly towards the microphone.
- In the following situations, your voice may not reach the other party.
 - Driving on an unpaved road. (Due to traffic noise.)
 - Driving at high speed.
 - A window is open.
 - Turning the air-conditioning vents towards the microphone.
 - The sound of the air-conditioning fan is loud.
 - There is an effect from the cellular phone network.

ABOUT THE PHONE BOOK IN THIS SYSTEM

- The following data is stored for every registered phone. When another phone is connecting, you cannot read the registered data.
 - Phone book data
 - Call history data

INFORMATION

- When you delete the phone, the above-mentioned data is also deleted.

WHEN YOU RELEASE YOUR CAR

A lot of personal data is registered when you use the Hands-free system. When you release your car, initialize your data. (See "DELETE PERSONAL DATA" on page 169.)

- You can initialize the following data in the system.
 - Phone book data
 - Call history data
 - Speed dial data
 - Bluetooth® phone data
 - Volume setting
 - Bluetooth® setting

INFORMATION

- If you initialize it, the former state will never come back again. Pay attention when initializing the data.

**CAUTION**

- **FCC ID: QNG-BE2729**
IC ID: 6434A-BE2729
MADE IN USA
This device complies with Part 15 of the FCC Rules and RSS-210 of the industry Canada. 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:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- **CAUTION: Radio Frequency Radiation Exposure**
This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).
- **Co-location:** This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

3. CONNECTING A Bluetooth® PHONE

CONNECTING A Bluetooth® PHONE

In order to use the hands-free system, it is necessary to pair the phone and connect the phone's profile (HFP) with the system. (In this manual, pairing refers to a Bluetooth® device connecting with the system. Connecting refers to the paired device's profile(s) being connected to the system.)

Once the profile has been connected, hands-free calls can be made.

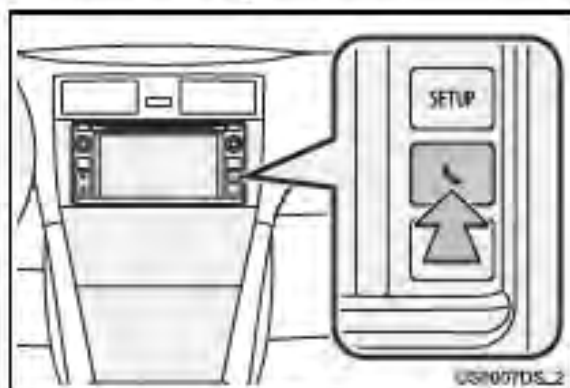
If you have not yet connected any Bluetooth® phones with phone profile (HFP), you must first pair your phone with phone profile (HFP) according to the following procedure. Connect your Bluetooth® phone with phone profile (HFP) after bringing the vehicle to a complete stop.

- See "Bluetooth® SETTINGS" on page 173 of additional registration when registering.

CONNECTING A Bluetooth® PHONE

CONNECTING FROM THE SYSTEM

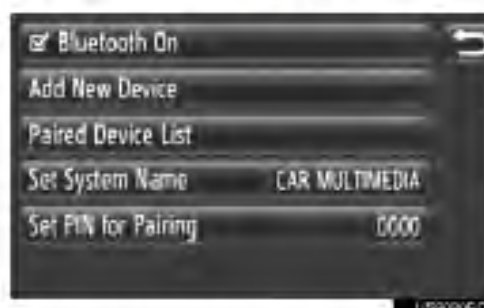
- 1 Press the  button.



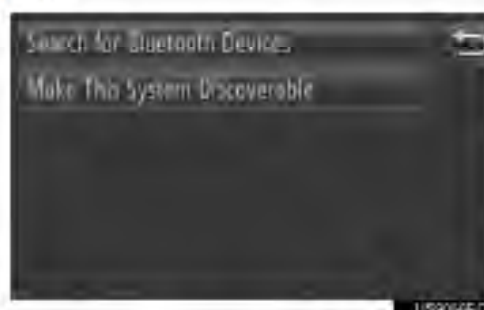
- 2 Touch "Search Bluetooth* devices".



- 3 Touch "Add New Device".



- 4 Touch "Search for Bluetooth* Devices".



- When another Bluetooth® device is currently connected, a pop-up window is displayed. To disconnect it, touch "Yes".



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

- 5** The following screen will be displayed while searching for a Bluetooth® device.



- To cancel this function, touch "Cancel".

- 6** Touch the device to be paired.



- Connectable Bluetooth® devices will be displayed in the list.

- 7** The following screen will be displayed.



- To cancel this function, touch "Cancel".

- 8** Confirm the PIN.



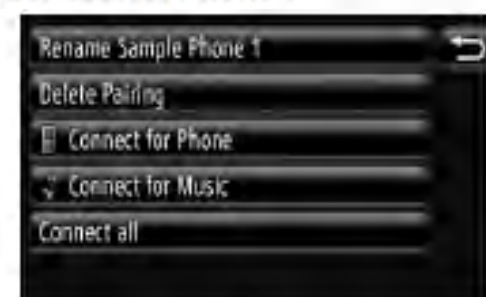
- Confirm the PIN displayed on the screen, and then touch "Accept".
- If the device does not support SSP (Secure Simple Pairing), input the PIN displayed on the screen into the device.

- 9** The following screen will be displayed when pairing is complete.



- 10** The system waits for connection requests coming from the paired device. Phone and Music profiles are typically connected automatically.

- If the automatic connection failed, the following screen will be displayed. Touch "Connect for Phone".



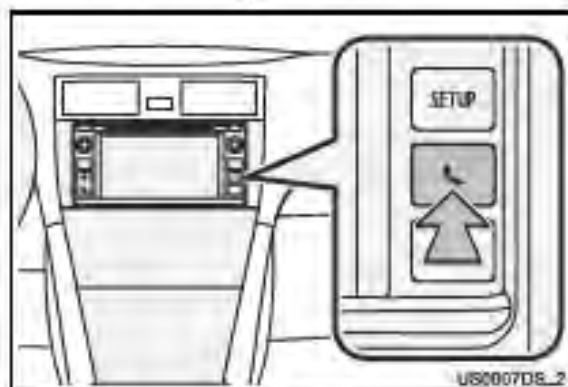
- Once the Bluetooth® phone has been connected, it will be automatically connected whenever the engine switch is turned to the "ACC" or "ON" position.

INFORMATION

- For details on device detection and the operation of your cellular phone, see the manual that comes with the cellular phone.

■ CONNECTING FROM THE DEVICE

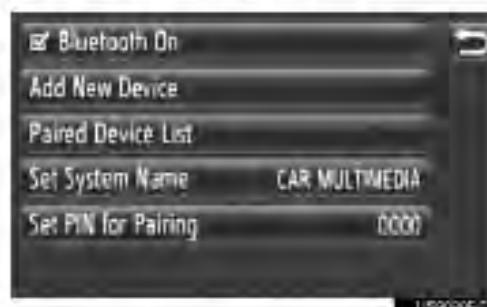
- 1 Press the  button.



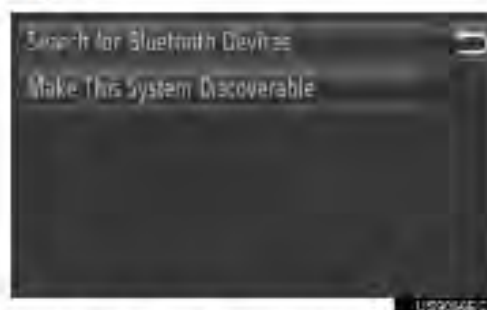
- 2 Touch "Search Bluetooth* devices".



- 3 Touch "Add New Device".



- 4 Touch "Make This System Discoverable".



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

- When another Bluetooth® device is currently connected, a pop-up window is displayed. To disconnect it, touch "Yes".



- 5 The following screen will be displayed.



- To cancel this function, touch "Cancel".

- 6 Confirm the PIN.



- Confirm the PIN displayed on the screen, and then touch "Accept".
- If the device does not support SSP (Secure Simple Pairing), input the PIN displayed on the screen into the device.

- 7 The following screen will be displayed when pairing is complete.



- 8** The system waits for connection requests coming from the paired device. Phone and Music profiles are typically connected automatically.



RECONNECTING THE Bluetooth® PHONE

If a Bluetooth® phone is disconnected due to poor reception from the Bluetooth® network when the engine switch is in the "ACC" or "ON" position, the system will automatically reconnect the Bluetooth® phone.

- If the Bluetooth® phone is disconnected on purpose, such as it was turned off, this does not happen. Reconnect it manually using either of the following methods:
 - Select the Bluetooth® phone again. (See page 178.)
 - Connect the phone profile. (See page 175.)

4. REGISTERING AN ENTRY

REGISTERING A NEW ENTRY

Up to 200 numbers can be registered with this system.

INFORMATION

- This function cannot be operated while driving.

REGISTERING FROM THE "Contacts" SCREEN

1 Touch "Contacts".



- The "Contacts" screen can be displayed by touching  on any of the "Phone" screens.

2 Touch "Stored" on the "Contacts" screen.

3 Touch "Create New Entry".



4 Select one of 4 phone types ("Mobile", "Home", "Work" or "Other") and input a number.



: Touch to delete one number. Touch and hold to continue deleting numbers.

- You can enter a number for each phone type.

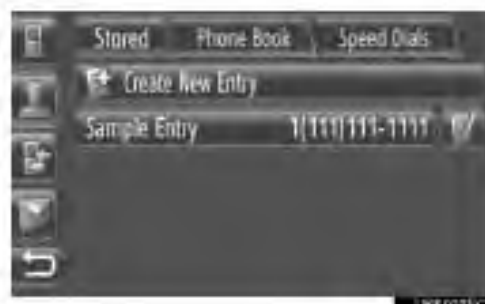
5 Touch .

6 Input the entry name.



7 Touch "OK".

8 The entry is registered in the "Stored" list.



- Touch  to display and edit the entry information. (See page 144.)

REGISTERING FROM THE "Dial By Number" SCREEN

- 1 Touch "Dial By Number" on the "Phone" menu screen.
- The "Dial By Number" screen can be displayed by touching  on any of the "Phone" screens.
- 2 Input the numbers.
- 3 Touch .
- 4 Follow the steps "REGISTERING FROM THE "Contacts" SCREEN" from "STEP 6". (See page 141.)

INFORMATION

- The phone type is registered as "Mobile".

REGISTERING FROM THE "Phone Book" SCREEN

- 1 Search the entry by "Phone Book". (See page 147.)
- 2 Touch  for desired item.
- 3 Touch "Add to Stored Contacts".
- 4 Follow the steps "REGISTERING FROM THE "Contacts" SCREEN" from "STEP 6". (See page 141.)

INFORMATION

- The phone type is registered as "Mobile".
- If the contact includes an address and a phone number, they will be stored in the "Stored" list on the "My Destinations" screen and "Contacts" screen. (See pages 51 and 141.)

REGISTERING FROM THE "Call History" SCREEN

- 1 Searching the entry by "Call History". (See page 149.)
- 2 Touch  next to the desired item.
- 3 Follow the steps "REGISTERING FROM THE "Contacts" SCREEN" from "STEP 6". (See page 141.)

INFORMATION

- The phone type is registered as "Mobile".

REGISTERING FROM AN EXTERNAL DEVICE

"vCard" formatted data can be transferred from a USB memory to this system. Transferred addresses and numbers will be stored in the "Stored" list on the "My Destinations" screen and "Contacts" screen. (See pages 51 and 141.)

REGISTERING AN ENTRY AS "Speed Dials"

Phone numbers from the list in the "Stored" screen and "Phone Book" can be registered as speed dials. Up to 15 speed dials can be registered.

1 Touch "Contacts".



- The "Contacts" screen can be displayed by touching  on any of the "Phone" screens.

2 Touch "Speed Dials" on the "Contacts" screen.

3 Touch the desired speed dial screen button the phone number is to be registered to.

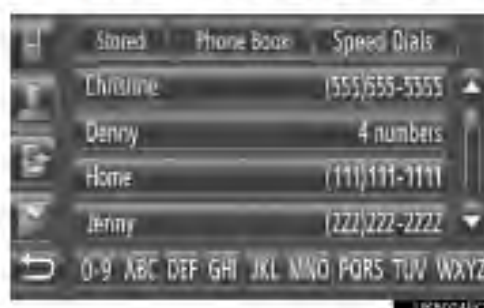


4 Touch "Yes".

5 Touch the desired list to select the entry.



6 Touch the desired entry to register.



- If there are 2 or more phone numbers, touch the desired number in the list.



7 The entry is registered as "Speed Dials".



- Touch  to display and edit the entry information. (See page 144.)

DISPLAYING AND EDITING THE ENTRY INFORMATION

Detailed information of entries in the list can be displayed or edited.

- 1 Touch  next to the desired entry on the "Contacts" screen.



- Entry options screen of the "Stored" and "Speed Dials" list



- Entry options screen of the "Phone Book" list



- On this screen, the following functions can be operated.

No.	Function
1	Touch to display the details of the entry information. ● Touch the desired entry to call it.
2	Touch to change the entry name. (See page 144.)
3	Touch to edit phone numbers. (See page 145.)
4	Touch to delete the entry.
5	Touch to delete all entries.
6	Touch to register the entry in the "Stored" list on the "My Destinations" screen and "Contacts" screen. (See page 142.)

INFORMATION

- "Rename XX" and "Edit Phone Numbers" cannot be operated while driving.

CHANGING THE ENTRY NAME

- 1 Touch "Rename XX" on the entry options screen.
- 2 Input the entry name.



- 3 Touch "OK".

EDITING PHONE NUMBERS

- 1 Touch "Edit Phone Numbers" on the entry options screen.
- 2 Select one of 4 phone types and input a number.



: Touch to delete one number. Touch and hold to continue deleting numbers.

- You can edit a number for each phone type.

- 3 Touch .

INFORMATION

- If an entry that is transferred from a cellular phone is edited, the change will affect the entry in the "Stored" list on the "My Destinations" screen and "Contacts" screen. (See pages 51 and 141.)

SENDING STORED CONTACTS TO A USB MEMORY

The entries stored in the "Stored" list on the "My Destinations" screen and "Contacts" screen can be transferred to a USB memory. (See page 57.)

1. CALLING ON A Bluetooth® PHONE

After a Bluetooth® phone has been connected, a call can be made using the hands-free system. There are several methods by which a call can be made. These are described below.

BY DIAL

You can call by inputting the phone number.

- 1 Press the  button to display the "Phone" screen.



- The "Dial By Number" screen can be displayed by touching "Dial By Number" on the "Phone" menu screen or  on any of the "Phone" screens.

- 2 Touch the desired key to input the phone number.



: Touch to delete one number. Touch and hold to continue deleting numbers.

- When  is touched, the number is registered in the "Stored" list on the "Contacts" screen. (See page 142.)

- 3 Touch .

- 4 The connecting screen will be displayed.



- To cancel the call, touch "End Call".

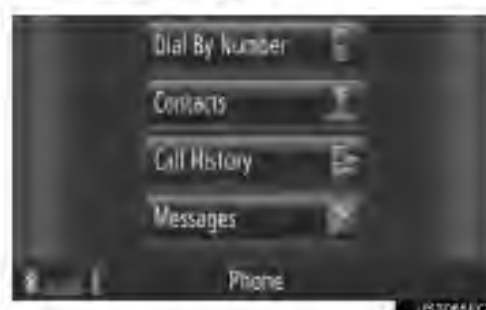
INFORMATION

- This function cannot be operated while driving.

BY "Stored" LIST ON THE "Contacts" SCREEN

Calls can be made using the "Stored" list on the "Contacts" screen. To use this function, it is necessary to register the entry. (See page 141.)

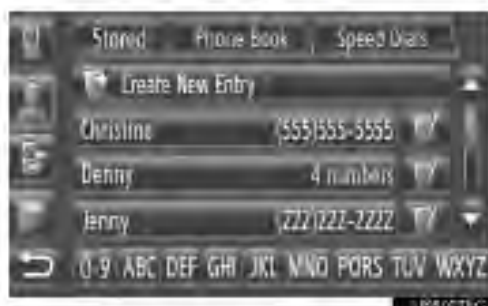
- 1 Touch "Contacts".



- The "Contacts" screen can be displayed by touching  on any of the "Phone" screens.

- 2 Touch "Stored" on the "Contacts" screen.

3 Touch the desired entry.



- Touch  to display and edit the entry information. (See page 144.)
- If there are 2 or more phone numbers, touch the desired number in the list.



4 The connecting screen will be displayed.

- To cancel the call, touch "End Call".

BY PHONE BOOK

Calls can be made using the phone book data of the connected cellular phone. The phone book changes depending on the phone connected.

If a contact does not have phone number stored, the entry will be dimmed.

You can update the Phone's book list. (See page 180.)

1 Touch "Contacts".



- The "Contacts" screen can be displayed by touching  on any of the "Phone" screens.

2 Touch "Phone Book" on the "Contacts" screen.

3 Touch the desired entry.



- If there are 2 or more phone numbers, touch the desired number in the list.

- Touch **"Search Contact"** to search by the contact's name. This function cannot be operated while driving.
- Touch  to display and edit the entry information. (See page 144.)

4 The connecting screen will be displayed.

- To cancel the call, touch **"End Call"**.

INFORMATION

- When a phone is connected for the first time, its phone book must be downloaded. If the phone book can not be downloaded, a pop-up window will be displayed.

BY SPEED DIALS

You can call by "Speed Dial" number list. Registering number in the "Speed Dial" number list is to see page 143.

1 Touch **"Contacts"**.



- The **"Contacts"** screen can be displayed by touching  on any of the **"Phone"** screens.

2 Touch **"Speed Dials"** on the **"Contacts"** screen.

3 Touch the desired entry.



- Touch  to display and edit the entry information. (See page 144.)

4 The connecting screen will be displayed.

- To cancel the call, touch **"End Call"**.

BY CALL HISTORY

Calls can be made using one of the 4 call lists functions.

1 Touch "Call History".



- The "Call History" screen can be displayed by touching  on any of the "Phone" screens.

2 Touch the desired list.



"All": Touch to display all numbers (missed, received and dialed).

"Missed": Touch to display missed calls.

"Received": Touch to display received calls.

"Dialed": Touch to display dialed numbers.

- The state of a call is shown by the following icons.

: Missed

: Received

: Dialed

- When  is touched, the entry is registered in the "Stored" list on the "Contacts" screen. (See page 142.)

3 Touch the desired entry.

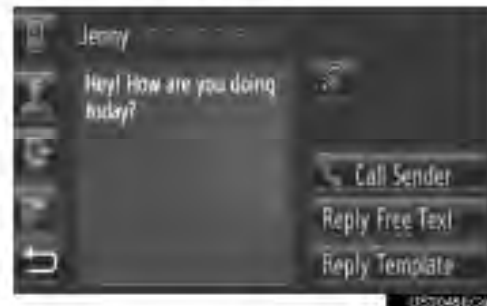
4 The connecting screen will be displayed.

- To cancel the call, touch "End Call".

CALLING USING A SHORT MESSAGE

Calls can be made to a short message sender's phone number. (See page 155.)

1 Touch "Call Sender".



2 The connecting screen will be displayed.

- To cancel the call, touch "End Call".

BY POI CALL

Calls can be made to a POI when its details are displayed on the screen.
(See pages 31 and 35.)

- 1 Touch .

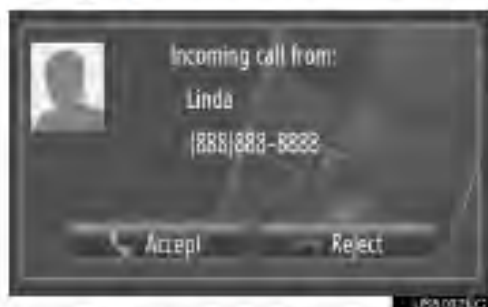


- 2 The connecting screen will be displayed.

- To cancel the call, touch "End Call".

2. RECEIVING CALLS ON A Bluetooth® PHONE

- 1 When a call is received, this screen is displayed and a sound is heard.



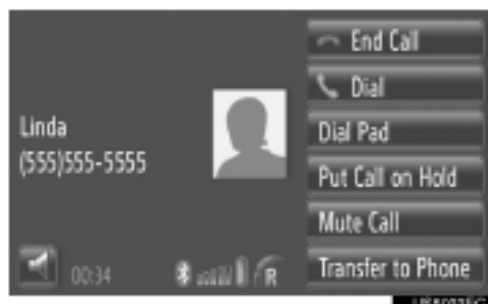
“Accept”: Touch to talk on the phone.

“Reject”: Touch to reject the call.

- The layout of the incoming call screen may differ depending on the information available from the connected phone.
- Ringtone and ringtone volume can be set. (See pages 167 and 180.)

► Single call

- 2 The ongoing screen is displayed. (See page 152.)



► Call waiting

- 2 The ongoing screen is displayed. (See page 152.)



- The first call is put on hold.
- The second call's information is displayed below the first call information.

INFORMATION

- During international phone calls, the other party's name may not be displayed correctly depending on the cellular phone which you have.

3. TALKING ON A Bluetooth® PHONE

While you are talking on a Bluetooth® phone, the ongoing screen is displayed. The operations outlined below can be performed on this screen.

► Single call



► Call waiting



- On this screen, the following functions can be operated.

No.	Function
1	Touch to hang up the phone.
2	Touch to dial a second number. (See page 153.)
3	Touch to send a tone. (See page 153.)
4	Touch to put a call on hold. To cancel this function, touch "Active call".
5	Touch to mute your voice. To cancel muting your voice, touch "Unmute call".

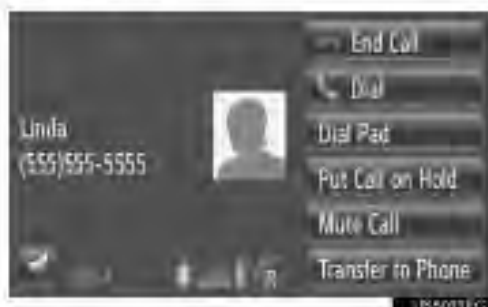
No.	Function
6	Touch to transfer the call. Touch "Transfer to Phone" to change from Hands-free call to cellular phone call. Touch "Handsfree mode" to change from cellular phone call to Hands-free call.
7	Displays a call duration.
8	Touch to adjust the volume of the other party's voice. (See page 153.)
9	Displays the name, number and picture of the other party. The information shown here may differ depending on the information available from your phone.
10	Touch to change parties.
11	Touch to change to a conference call.

INFORMATION

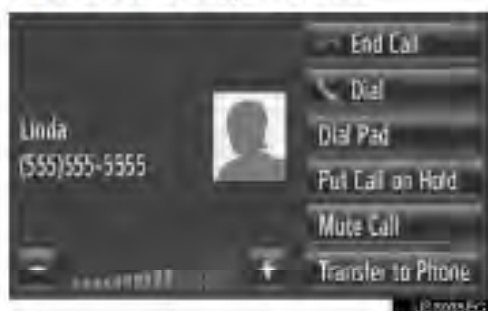
- When you change from cellular phone call to Hands-free call, the Hands-free screen will be displayed and the call can be operated on the screen.
- Transferring methods will be different depending on the type of cellular phone which you have.
- For the operation of the phone, see the manual that comes with your cellular phone.

ADJUSTING THE RECEIVER VOLUME

- 1 Touch .



- 2 Touch “-” or “+” to adjust the volume of the other party’s voice.



- The receiver volume can also be adjusted using the switch on the steering wheel.

SENDING TONES

- 1 Touch “Dial Pad”.
- 2 Inputting the numbers.



- Input numbers are sent immediately as tones.
- Touch “Quit” to return the previous screen.

DIALING A SECOND NUMBER

- 1 Touch “Dial”.
- 2 Touch the desired method to call.



- If “Dial Number” is selected

- 3 Input the number and then touch .



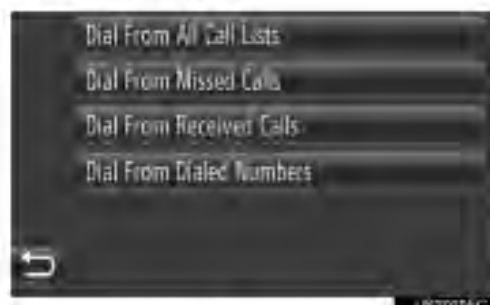
- If “Dial From Contacts” is selected

- 3 Touch the desired method and then touch the desired entry.



► If “Dial From Call History” is selected

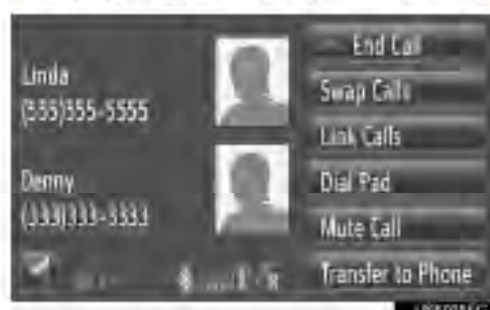
- 3 Touch the desired list and then touch the desired entry.



- 4 The connecting screen will be displayed.

- To cancel the call, touch “End Call”.

- 5 When a new call has been established, the following screen will be displayed.



- The first call is put on hold.
- The second call's information is displayed below the first call information.

INFORMATION

- “Dial Number” cannot be operated while driving.

CHANGING PARTIES

- 1 Touch “Swap Calls”.

- Every time “Swap Calls” is touched, the party who is on hold will be switched.

CHANGING TO A CONFERENCE CALL

- 1 Touch “Link Calls”.

INFORMATION

- If your cellular phone is not HFP Ver. 1.5 compatible, this function can not be used.
- Dialing a second number operation may differ depending on your phone company and cellular phone.

1. SHORT MESSAGE FUNCTION

Received messages can be forwarded from the connected Bluetooth® phone, enabling checking and replying using this system.

INFORMATION

- This feature is only available on supported Bluetooth® devices. Please check the phone manufacturer website and <http://www.scion.com/BeSpoke/> for details.

NEW SHORT MESSAGE NOTIFICATION POP-UP WINDOW

When a new short message is received, a pop-up window is displayed on the screen.



- This function can be set to "On" or "Off". (See page 180.)

CHECKING RECEIVED SHORT MESSAGES

1 Touch "Messages".



- The "Messages" screen can be displayed by touching  on any of the "Phone" screens.

2 Touch "Inbox" on the "Messages" screen.

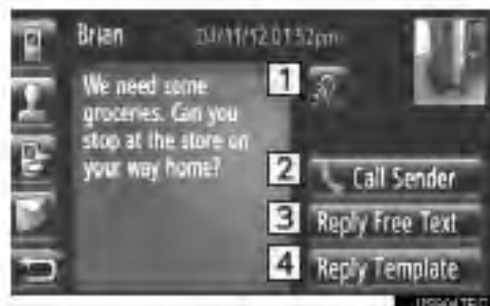
3 Touch the desired short message.



- The state of a message is shown by the following icons.

-  : New message
-  : Read message
-  : Unread message

4 The short message will be displayed.



- On this screen, the following functions can be operated.

No.	Function
1	Touch to have the short message read out. To cancel this function, touch .
2	Touch to call the sender.
3	Touch to reply to the short message by free text.
4	Touch to reply to the short message by template.

REPLYING THE SHORT MESSAGE

- 1 Touch "Reply Free Text" or "Reply Template".
- 2 Input the short message.
- 3 Touch "OK".
- 4 The short message will be sent.

INFORMATION

- "Reply Free Text" cannot be selected while driving.

CHECKING SENT SHORT MESSAGES

- 1 Touch "Messages" on the "Phone" menu screen.

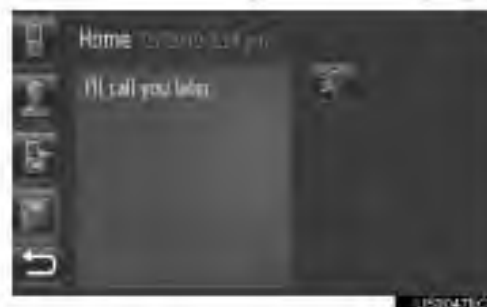
- The "Messages" screen can be displayed by touching on any of the "Phone" screens.

- 2 Touch "Sent" on the "Messages" screen.

- 3 Touch the desired short message.



- 4 The short message will be displayed.



- Touch to have the short message read out. To cancel this function, touch .

SENDING A NEW SHORT MESSAGE

- 1 Touch **"Messages"** on the **"Phone"** menu screen.

- The **"Messages"** screen can be displayed by touching  on any of the **"Phone"** screens.

- 2 Touch **"Create New"** on the **"Messages"** screen.

- 3 Touch **"Create Message"** or **"Use Template"**.



- 4 Input the short message. (See page 158.)



- 5 Touch **"OK"**.

- 6 Select the desired number/contact to whom the short message should be sent.



- **"Enter Number"**, **"Select Contact"** and a list of former recipients will be displayed.

- ▶ If **"Enter Number"** is selected

- 7 Enter the number.



- 8 Touch **"OK"**.

- 9 The short message will be sent.

- ▶ If **"Select Contact"** is selected

- 7 Touch the desired list.



- 8 Touch the desired contact.

- 9 The short message will be sent.

- ▶ If a recipient is selected

- 7 The short message will be sent immediately.

INFORMATION

- **"Create Message"** cannot be selected while driving.

CREATE A NEW SHORT MESSAGE

FROM THE "Create Message" SCREEN

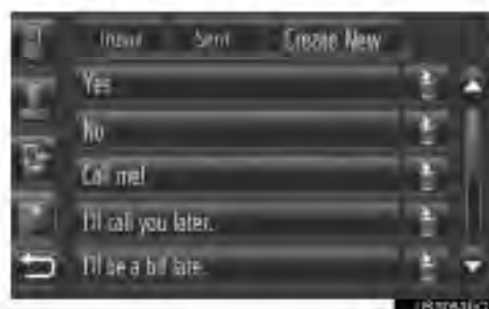
1 Input the short message.



2 Touch "OK".

FROM THE "Use Template" SCREEN

1 Touch the desired template.



: Touch to delete the template.

- 10 messages have already been registered to the message template screen.

2 Edit the short message.



- This screen is not displayed while driving. When a template is touched, the screen will be changed to the recipient selection screen.

3 Touch "OK".

INFORMATION

- The cursor's position can be moved by touching the desired location in the input screen. Touch  or  to scroll the input screen up or down.
- The short messages can contain up to 160 characters. If the entered text exceeds the characters available for one short message, a new short message will begin automatically. This is indicated by a separation line and an icon in the input field, which is shown as soon as there are only 10 characters left for the short message.



- The number of characters left for the short message is displayed.
- A maximum of 6 short messages can be written in series.

REGISTER NEW TEMPLATES

New templates can be created. Up to 15 templates can be registered.

- 1 Touch "Prepare Template Message".



- 2 Input the short message.
- 3 Touch "OK".
- 4 The message is registered in the template list on the "Use Template" screen.

INFORMATION

- This function is unavailable while driving.

VOICE COMMAND SYSTEM

1

VOICE COMMAND SYSTEM OPERATION

1. VOICE COMMAND SYSTEM
FOR NAVIGATION, AUDIO,
HANDS-FREE..... 162
- USING THE VOICE COMMAND
SYSTEM FOR NAVIGATION,
AUDIO, HANDS-FREE..... 162
- VOICE COMMAND SYSTEM
OPERATION 163

1

2

3

4

5

6

1. VOICE COMMAND SYSTEM FOR NAVIGATION, AUDIO, HANDS-FREE

The voice command system enables the navigation, audio and hands-free systems to be operated using voice commands.

INFORMATION

- Voice recognition language can be changed. (See "SELECTING A LANGUAGE" on page 168.)

USING THE VOICE COMMAND SYSTEM FOR NAVIGATION, AUDIO, HANDS-FREE

The actual design and button position will differ depending on the vehicle. For details, refer to vehicle "Owner's Manual".

MICROPHONE

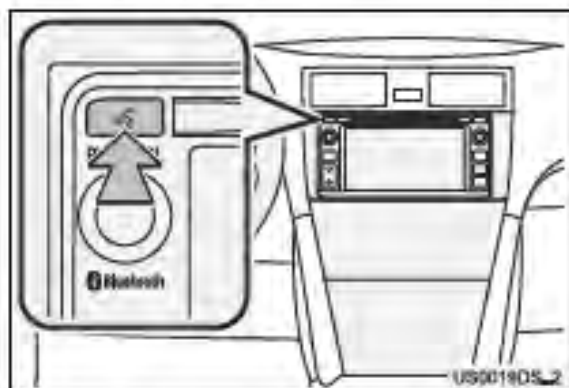
The microphone is directed toward the driver. It is unnecessary to speak directly into the microphone when giving a command. Passengers may not be heard as clearly by the microphone.

**INFORMATION**

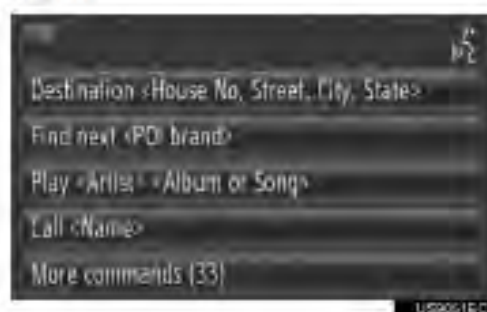
- Wait for the confirmation beep before speaking a command.
- Voice commands may not be recognized if:
 - Spoken too quickly.
 - Spoken at a low or high volume.
 - The windows are open.
 - Passengers are talking while voice commands are spoken.
 - The air conditioning speed is set high.
 - The air conditioning 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.

VOICE COMMAND SYSTEM OPERATION

- 1 Press the talk button.



- The voice command system is activated.
 - Press the talk button to stop the currently played prompt and skip to the next dialog step.
 - In case of an activated speech recognizer waiting for input, press the talk button to restart the speech recognizer. (The recognizer drops the previous input and waits for new input from the user.)
- 2 After a beep sounds, say the desired command or touch the desired command.



: This icon will be displayed if the user can speak a command.

: Touch to adjust the volume of the voice guidance volume.

DISPLAYING THE COMMAND LIST SCREEN

- 1 Say "More commands" or touch "More commands" on the voice command main menu screen.



- 2 Say the desired command or touch the desired command.



- The command list is read out and the corresponding command is highlighted. To cancel this function, press the talk button.

VOICE COMMAND EXAMPLE: PERFORMING A DESTINATION SEARCH BY ADDRESS

Say *"Destination"* and the House No., Street, City and State in one shot.

- 1 Press the talk button.
- 2 After the beep say *"Destination, 9000 Super Bowl Dr, Pasadena, California"*.

- Quick tip: For the street address number 9000, say *"Nine Thousand"* or *"Nine Zero Zero Zero"*.

VOICE COMMAND EXAMPLE: DIAL NUMBER

- 1 Press the talk button.
- 2 After the beep, say *"Call 123 456 7899"*.

- Quick tip: Say the phone number digits individually, without pausing.

VOICE COMMAND EXAMPLE: SEARCH FOR A TRACK USING ARTIST NAME OR ALBUM NAME

- 1 Press the talk button.
- 2 After the beep, say *"Play Michael Jackson Thriller"* or *"Play Artist Michael Jackson"* or *"Play Album Thriller"*.

- Quick tip: Say artist name followed by song title.

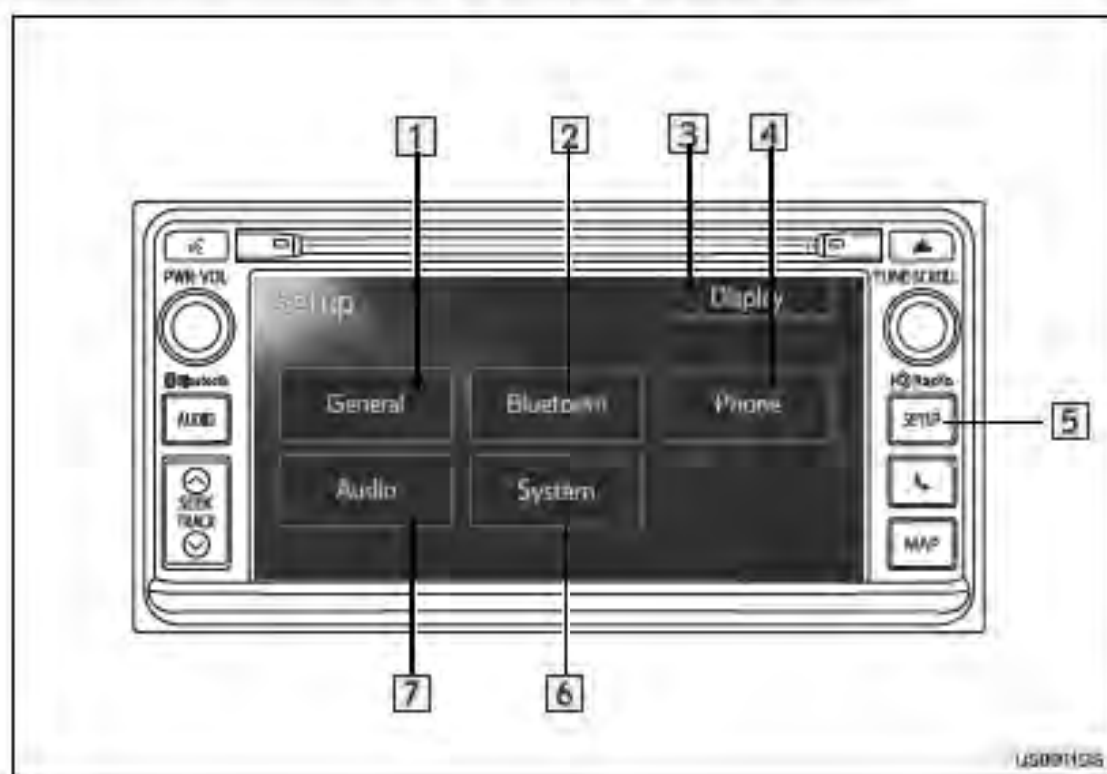
SETUP

1 SETUP OPERATION

1. QUICK REFERENCE..... 166
2. GENERAL SETTINGS..... 167
 - SCREENS FOR GENERAL SETTINGS 167
3. DISPLAY SETTINGS..... 171
 - TURN OFF DISPLAY..... 171
 - CHANGING BETWEEN DAY AND NIGHT MODE..... 172
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4. Bluetooth® SETTINGS..... 173
 - Bluetooth® FUNCTION ON/OFF 173
 - CHANGING THE SYSTEM NAME 174
 - SETTING THE PIN 174
 - PAIRING A Bluetooth® DEVICE 175
 - SETTING THE PAIRED DEVICES 178
5. PHONE SETTINGS..... 180
 - SCREEN FOR PHONE SETTINGS..... 180
6. AUDIO SETTINGS..... 181
7. SYSTEM SETTINGS..... 182

1. QUICK REFERENCE

To customize the function settings, press the "SETUP" button.



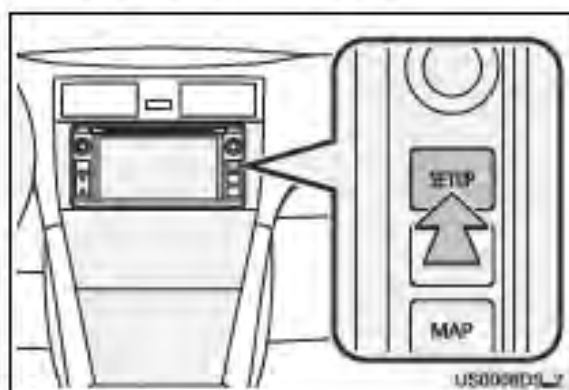
No.	Name	Function	Page
1	"General"	Settings are available for language selection, operation sounds, screen animation, etc.	187
2	"Bluetooth"	Registering, removing, connecting and disconnecting Bluetooth® devices and settings are available for Bluetooth®.	173
3	"Display"	Settings are available for contrast and brightness of the screen.	171
4	"Phone**"	Settings are available for phone sound, phone-book, etc.	180
5	"SETUP" button	Press this button to display the "Setup" screen.	—
6	"System"	Settings are available for vehicle customization.	182
7	"Audio"	Settings are available for HD Radio™ system.	181

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

2. GENERAL SETTINGS

Settings are available for language selection, operation sounds, etc.

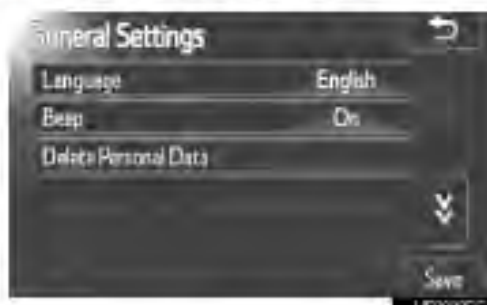
- 1 Press the "SETUP" button.



- 2 Touch "General".

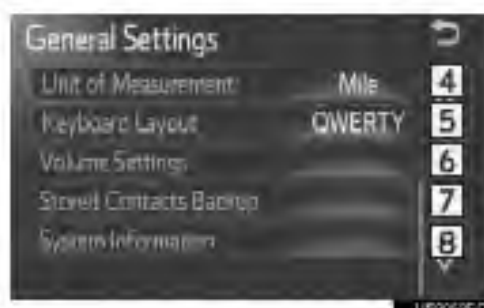
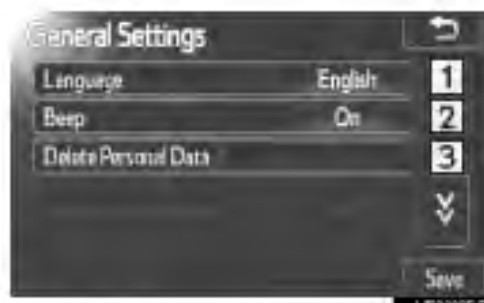


- 3 Touch the items to be set.



- 4 Touch "Save".

SCREENS FOR GENERAL SETTINGS



- On this screen, the following functions are operational.

No.	Function
1	You can change the language. (See "SELECTING A LANGUAGE" on page 168.)
2	"On" or "Off" can be selected to sound beeps.
3	The personal data can be deleted. (See "DELETE PERSONAL DATA" on page 169.)
4	Touch to set the distance unit to "Kilometer" or "Mile".
5	Touch to change a keyboard layout. (See "VOLUME SETTINGS" on page 170.)
6	Touch to change the system volume settings.

No.	Function
7	The entries stored in the "Stored" list on the "My Destinations" screen and "Contacts" screen (See pages 51 and 141.) can be transferred to a USB memory. (See "SENDING/RESTORING STORED CONTACTS USING A USB MEMORY" on page 57.)
8	Touch to display the system information. The screen shows the software version and Aha version.

SELECTING A LANGUAGE

The desired language can be selected.

- 1 Press the "SETUP" button.
- 2 Touch "General" on the "Setup" screen.
- 3 Touch "Language".



- 4 Touch the desired screen button.



- The previous screen will be displayed.
- The selectable languages may differ depending on the model or region.

- 5 Touch "Save".

DELETE PERSONAL DATA

- 1 Press the "SETUP" button.
- 2 Touch "General" on the "Setup" screen.
- 3 Touch "Delete Personal Data".



- 4 Touch "Delete".



INFORMATION

- The following personal data can be deleted or returned to their default settings:
 - Phone book data
 - Call history data
 - Speed dial data
 - Bluetooth® devices data
 - Phone sound setting
 - Bluetooth® setting
 - Sound setting

SELECTING A KEYBOARD LAYOUT

- 1 Press the "SETUP" button.
- 2 Touch "General" on the "Setup" screen.
- 3 Touch "Keyboard Layout".



- 4 Touch the desired keyboard layout.



"QWERTY": Latin characters, "QWERTY"-Layout

"ABC": Latin characters, "ABC"-Layout

VOLUME SETTINGS

- 1 Press the "SETUP" button.
- 2 Touch "General" on the "Setup" screen.
- 3 Touch "Volume Settings".



- 4 Touch the desired keyboard layout.



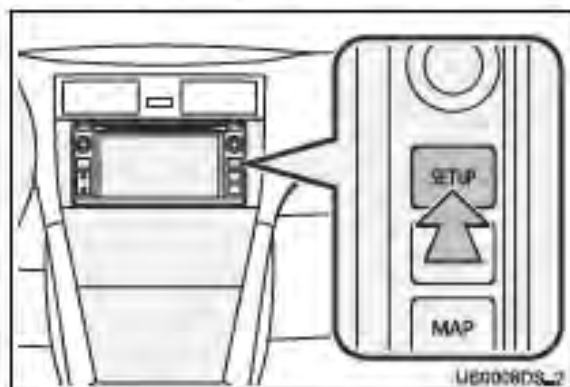
- On this screen, the following functions are operational.

No.	Function
1	Touch to set the navigation prompt volume.
2	Touch to set the phone volume.
3	Touch to set the ringtone volume.
4	Touch to set the voice dialog volume.

3. DISPLAY SETTINGS

You can adjust the contrast and brightness of the screen. You can also turn the display off.

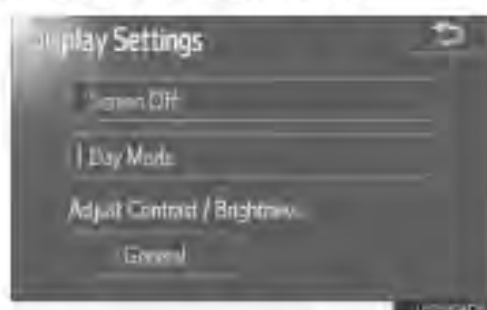
- 1 Press the "SETUP" button.



- 2 Touch "Display".



- 3 Touch the items to be set.



- Please refer to the following pages for each setting.

TURN OFF DISPLAY

- 1 Press the "SETUP" button.
- 2 Touch "Display" on the "Setup" screen.
- 3 Touch "Screen Off".



- The display screen will be turned off. To turn it on, press the "AUDIO", or "SETUP" button.

CHANGING BETWEEN DAY AND NIGHT MODE

Depending on the position of the headlight switch, the screen changes to day or night mode.

- 1 To display the screen in day mode even with the headlight switch on, touch "Day Mode" on the adjustment screen.



INFORMATION

- If the screen is set in day mode with the headlight switch turned on, this condition is memorized even with the engine switch turned off.

ADJUST CONTRAST/ BRIGHTNESS

- 1 Press the "SETUP" button.
- 2 Touch "Display" on the "Setup" screen.
- 3 Touch "General".



- 4 Select "Contrast" or "Brightness" using the << or >>.



- 5 Adjust the contrast or brightness using the "+" or "-".

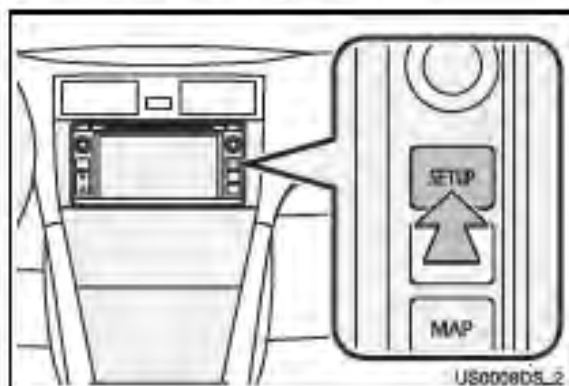
Screen button	Function
"Contrast" "+"	Strengthens the contrast of the screen
"Contrast" "-"	Weakens the contrast of the screen
"Brightness" "+"	Brightens the screen
"Brightness" "-"	Darkens the screen

- 6 After adjusting the screen, touch "OK".

4. Bluetooth® SETTINGS

To set up a Bluetooth® device.

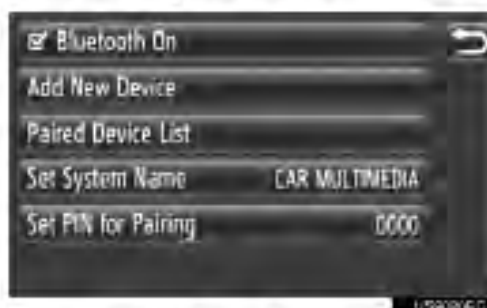
- 1 Press the "SETUP" button.



- 2 Touch "Bluetooth**".



- 3 The following screen will be displayed.

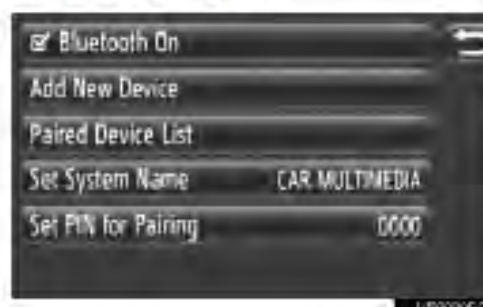


- Please refer to the following pages for a description of each setting.

Bluetooth® FUNCTION ON/ OFF

The Bluetooth® function can be switched on or off.

- 1 Touch "Bluetooth* On" or "Bluetooth* Off".



INFORMATION

- When Bluetooth® function is off, "Add New Device", "Paired Device List", "Set System Name" and "Set PIN for Pairing" will be dimmed.

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

CHANGING THE SYSTEM NAME

The system name for can be changed. Leave the default "CAR MULTIMEDIA" or pick your own unique name for your car.

1 Touch "Set System Name".



2 Input the new name.



3 Touch "OK".

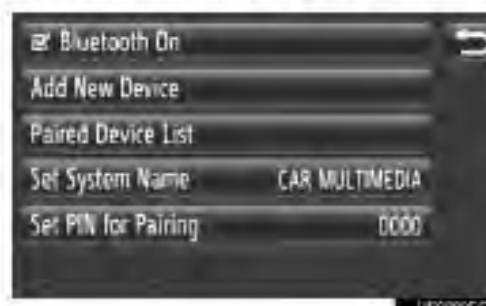
INFORMATION

- Some devices/smartphones may need to be powered off and restarted for the new name to be shown on the device/phone.

SETTING THE PIN

The PIN can be changed to help prevent connecting to the wrong device.

1 Touch "Set PIN for Pairing".



2 Input the desired number.



3 Touch "OK".

- A 4 to 8-digit PIN can be selected.

PAIRING A Bluetooth® DEVICE

Up to 4 Bluetooth® devices can be paired. A paired device can be connected to any of its supported profiles such as phone, music and/or internet.

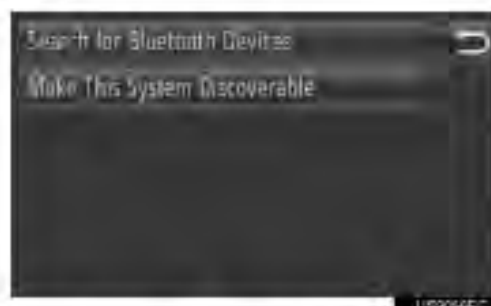
CONNECTING FROM THE SYSTEM

The system can be used to initiate a search for available Bluetooth® Devices. The Bluetooth® device must be turned on and discoverable.

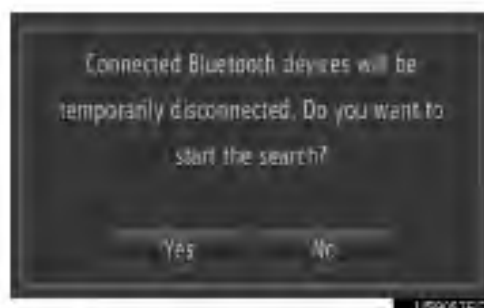
1 Touch "Add New Device".



2 Touch "Search for Bluetooth® Devices".



- When another Bluetooth® device is currently connected, a pop-up window is displayed. To disconnect it, touch "Yes".
- *: Bluetooth is a registered trademark of Bluetooth SIG, Inc.



3 The following screen will be displayed while searching for a Bluetooth® device.



- To cancel this function, touch "Cancel".

4 Touch the device to be paired.



- Connectable Bluetooth® devices will be displayed in the list.

5 The following screen will be displayed.



- To cancel this function, touch "Cancel".
- The PIN shown will be the default number unless an alternate PIN is selected. (See page 174.)

6 Confirm the PIN.



- Confirm the PIN displayed on the screen, and then touch "Accept".
- If the device does not support SSP (Secure Simple Pairing), input the PIN displayed on the screen into the device.

7 The following screen will be displayed when pairing is complete.



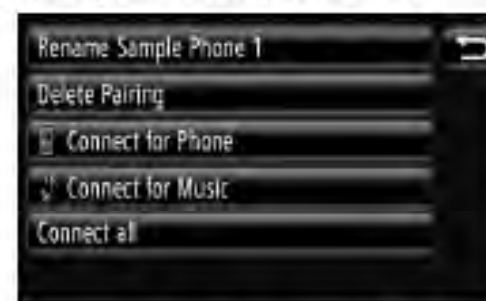
8 The system waits for connection requests coming from the paired device. Phone and music profiles are typically connected automatically.



The system will then automatically switch to the phone menu.



- Once the connection is made, the system is ready to make and receive calls.
- Due to differences in cellular phones, it may take some time to transfer your phone's contact information into the system. Not all phones can transfer data in the correct format.
- If the automatic connection failed, the following screen will be displayed. Touch the desired profile to be connected.



"Connect for Phone": Touch to connect the phone profile.

"Connect for Music": Touch to connect the music profile.

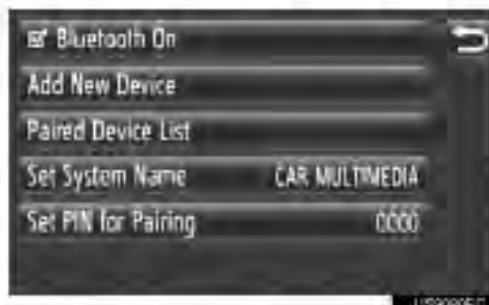
"Connect All": Touch to connect the phone and music profiles.

- Once you have connected the Bluetooth® device it is automatically connected whenever the engine switch is turned to the "ACC" or "ON" position. (Select "Automatically Connect" on your cellular phone's Bluetooth® settings menu.)

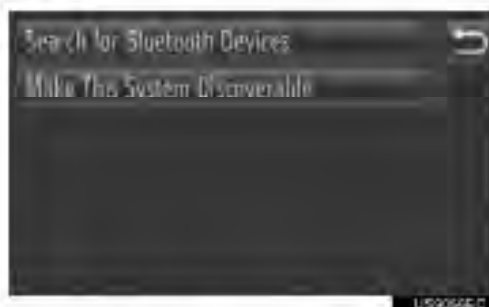
CONNECTING FROM THE DEVICE

The system can be set to recognize a pairing request from a Bluetooth® device. The Bluetooth® device must be turned on and searching.

1 Touch "Add New Device".



2 Touch "Make This System Discoverable".



- When another Bluetooth® device is currently connected, a pop-up window is displayed. To disconnect it, touch "Yes".



3 The following screen will be displayed.



- To cancel this function, touch "Cancel".
- On your Bluetooth® device, please choose the system name. (i.e. CAR MULTIMEDIA or your specified name)

4 Confirm the PIN.



- Confirm the PIN displayed on the screen, and then touch "Accept".
- If the device does not support SSP (Secure Simple Pairing), input the PIN displayed on the screen into the device.

5 The following screen will be displayed when pairing is complete.



- 6 The system waits for connection requests coming from the paired device. Phone and music profiles are typically connected automatically.



The system will then automatically switch to the phone menu.



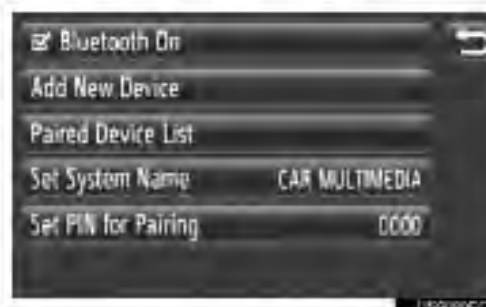
- Once the connection is made, the system is ready to make and receive calls.

SETTING THE PAIRED DEVICES

Devices can be disconnected and each profile connection status can be changed using the list.

Up to 4 devices can be paired at the same time.

- 1 Touch "Paired Device List".

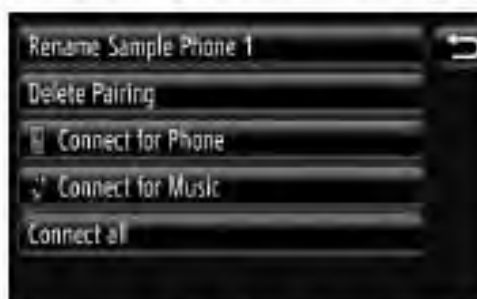


- 2 Touch the desired device.



- The tone of the icons show which profiles the device supports. (Dimmed icons are not available.)
- The device's currently connected profiles are highlighted.

- 3 The following screen will be displayed.

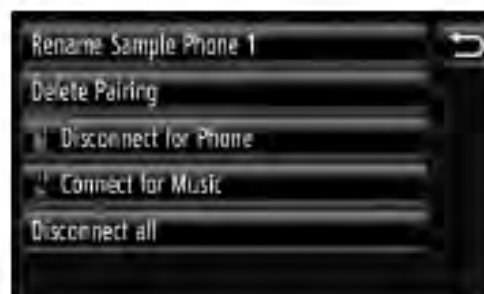


- On this screen, the following functions can be operated.

CHANGING THE PHONE/ DEVICE NAME

The name for your phone can be changed to allow you to distinguish between phones if you have more than one paired (up to 4).

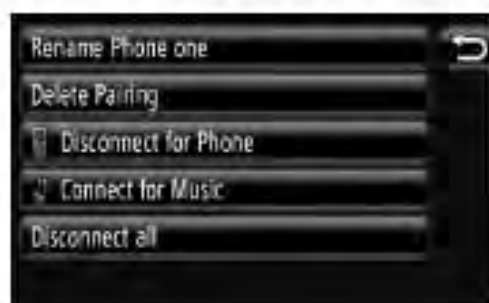
- 1 Touch "Rename <<Sample Phone 1>>".



- 2 Input the new device name.

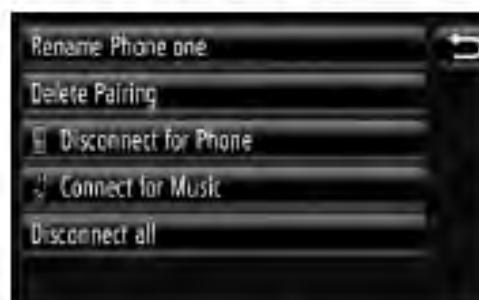


- 3 Touch "OK".
- 4 The new device name is shown.



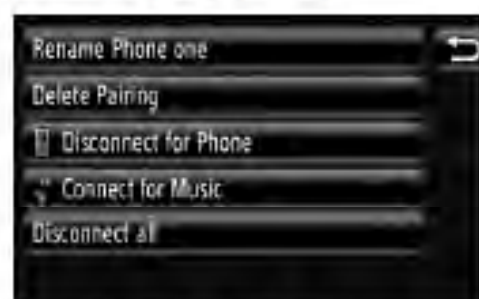
DELETING A PAIRED DEVICE

- 1 Touch "Delete Pairing".



CONNECTING OR DISCONNECTING PROFILES

- 1 Touch the desired profile to be connected or disconnected.



"Connect for Phone" or "Disconnect for Phone": Touch to connect or disconnect the phone profile.

"Connect for Music" or "Disconnect for Music": Touch to connect or disconnect the music profile.

"Connect All" or "Disconnect All": Touch to connect or disconnect the phone and music profiles.

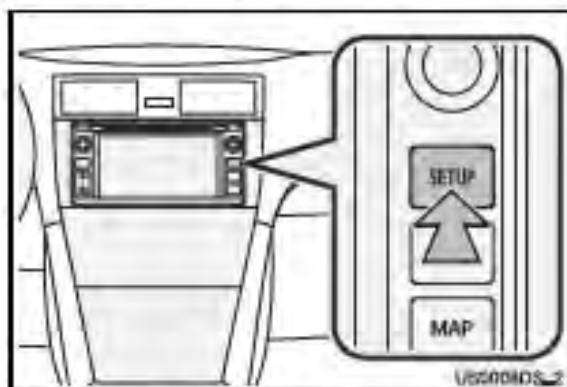
INFORMATION

- For details on device detection and operation of your Bluetooth® device, see the manual that comes with the Bluetooth® device.
- The music profiles the paired device supports can be connected individually as desired. Some devices do not allow individual profiles to be connected. In that case, a pop-up window is displayed.

5. PHONE SETTINGS

Settings are available for ringtone selection, announce incoming short message, and "Stored" lists.

- 1 Press the "SETUP" button.



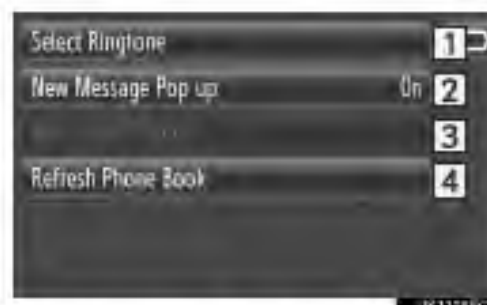
- 2 Touch "Phone".



- 3 Touch the desired items to be set.



SCREEN FOR PHONE SETTINGS



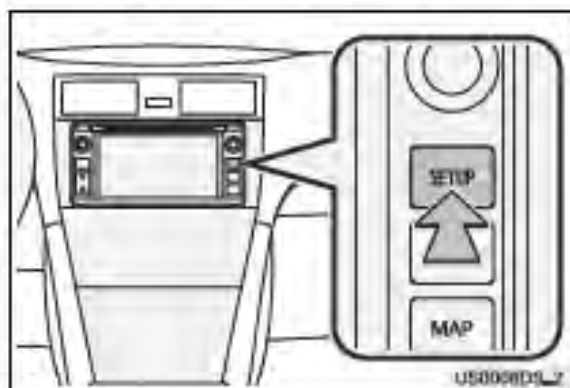
- On this screen, the following functions can be set.

No.	Function
1	Touch to select a ringtone. No ringtone, the phone's ringtone and the system's 4 ringtones are available for selection.
2	Touch to turn the incoming short message announcement function "On" or "Off".
3	Touch to turn the incoming Email announcement function "On" or "Off" (if equipped). "New Email Pop up" grays out if not equipped.
4	Touch to update the phone book of the connected phone. The updated list refers to the "Stored" list on the "My Destinations" screen and "Contacts" screen. (See pages 51 and 141.)

6. AUDIO SETTINGS

HD Radio™ system can be set using the following procedure:

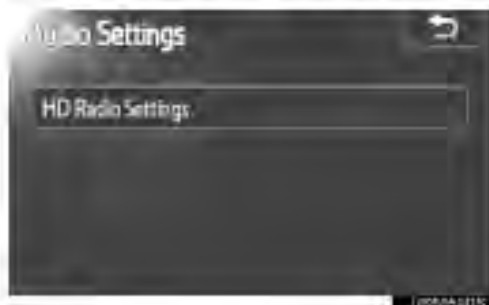
- 1 Press the **"SETUP"** button.



- 2 Touch **"Audio"**.



- 3 Touch **"HD Radio Settings"**.



- 4 Select the desired setting from **"HD Radio/Analog Setting"**.



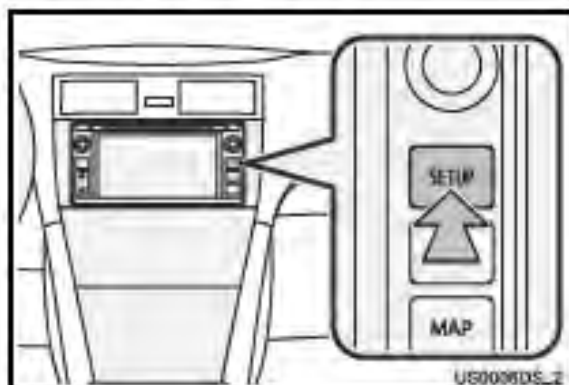
Screen button	Function
"All"	Touch to receive both analog and digital broadcasts.
"HD Only"	Touch to receive only digital broadcasts.
"Analog"	Touch to receive only analog broadcasts.

- 5 Touch **"Save"**.

7. SYSTEM SETTINGS

Vehicle type settings can be changed.

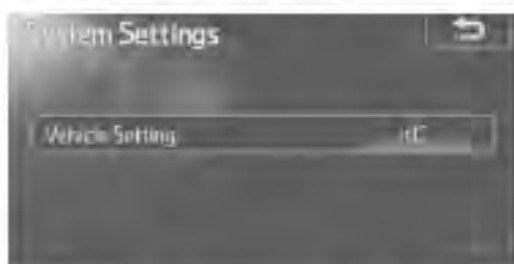
- 1 Press the **"SETUP"** button.



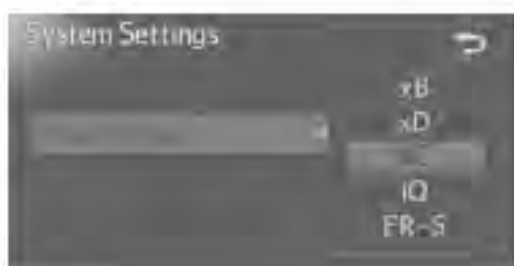
- 2 Touch **"System"**.



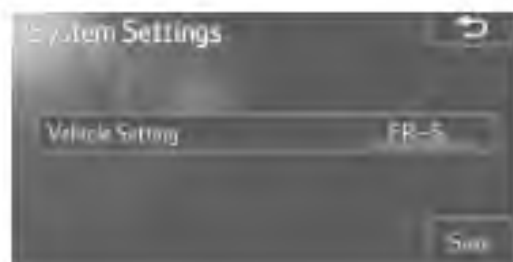
- 3 Touch **"Vehicle Setting"**.



- 4 Touch the desired vehicle type to be set.



- 5 Touch **"Save"**.





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