

## TABLE OF CONTENTS

<b>1</b>	<b>QUICK GUIDE</b>	<b>9</b>
<b>2</b>	<b>BASIC FUNCTION</b>	<b>29</b>
<b>3</b>	<b>NAVIGATION SYSTEM</b>	<b>54</b>
<b>4</b>	<b>PHONE</b>	<b>121</b>
<b>5</b>	<b>AUDIO SYSTEM</b>	<b>174</b>
<b>6</b>	<b>VOICE COMMAND SYSTEM</b>	<b>223</b>
<b>7</b>	<b>INFORMATION</b>	<b>235</b>
<b>8</b>	<b>APPS</b>	<b>251</b>
	<b>INDEX</b>	<b>263</b>

# Introduction

## NAVIGATION SYSTEM OWNER'S MANUAL

This manual explains the operation of the Navigation 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 navigation 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 uses DENSO 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 when approaching an intersection. These voice instructions will help you keep your eyes on the road and are timed to provide enough time to allow you to maneuver, change lanes or slow down.

Please be aware that all current vehicle navigation systems have certain limitations that may affect their ability to perform properly. The accuracy of the vehicle's position depends on satellite conditions, road configuration, vehicle condition or other circumstances. For more information on the limitations of the system, refer to pages 118 through 119.

**TOYOTA MOTOR CORPORATION**

## IMPORTANT INFORMATION ABOUT THIS MANUAL

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

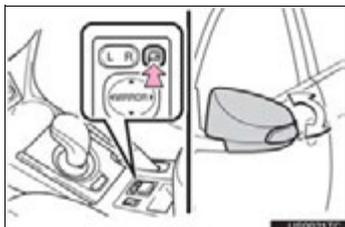
### CAUTION

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

### NOTICE

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

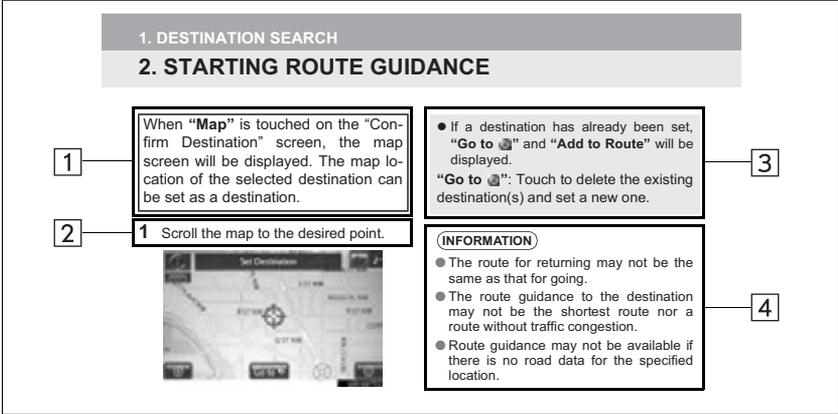
## SYMBOLS USED IN ILLUSTRATIONS



### Arrows indicating operations

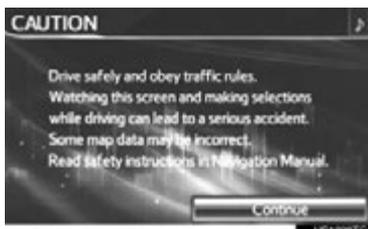
-  Indicates the action (pushing, turning, etc.) used to operate switches and other devices.
-  Indicates the outcome of an operation (e.g. a lid opens).

## HOW TO READ THIS MANUAL



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

## 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 Navigation 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.

## CAUTION

- For safety, the driver should not operate the navigation system while he/she is driving. Insufficient attention to the road and traffic may cause an accident.
- While driving, be sure to obey the traffic regulations and maintain awareness of the road conditions. If a traffic sign on the road has been changed, route guidance may not have the updated information such as the direction of a one way street.

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

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

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

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

# TABLE OF CONTENTS

## 1 QUICK GUIDE

<b>1. NAVIGATION OPERATION</b> .....	<b>10</b>
OVERVIEW BUTTON AND MAIN MENU SCREEN .....	10
MAP SCREEN .....	12
REGISTERING HOME .....	14
REGISTERING PRESET DESTINATIONS .....	16
OPERATION FLOW: GUIDING THE ROUTE .....	18
SETTING HOME AS THE DESTINATION .....	19
<b>2. FUNCTION INDEX</b> .....	<b>20</b>
NAVIGATION SYSTEM FUNCTION INDEX .....	20
<b>3. QUICK REFERENCE</b> .....	<b>22</b>
"Destination" SCREEN .....	22
"Setup" SCREEN .....	24
"Information" SCREEN .....	26
NAVIGATION SYSTEM SCREEN OPERATIONS .....	27

## 2 BASIC FUNCTION

<b>1. BASIC INFORMATION</b>	
<b>BEFORE OPERATION</b> .....	<b>30</b>
INITIAL SCREEN .....	30
TOUCH SCREEN OPERATION .....	31
INPUTTING LETTERS AND NUMBERS/ LIST SCREEN OPERATION .....	32
SCREEN ADJUSTMENT .....	35
MAP SCREEN OPERATION .....	37
<b>2. SETUP</b> .....	<b>46</b>
GENERAL SETTINGS .....	46
VOICE SETTINGS .....	52

## 3 NAVIGATION SYSTEM

<b>1. DESTINATION SEARCH</b> .....	<b>56</b>
DESTINATION SEARCH .....	56
STARTING ROUTE GUIDANCE .....	71
<b>2. ROUTE GUIDANCE</b> .....	<b>74</b>
ROUTE GUIDANCE SCREEN .....	74
TYPICAL VOICE GUIDANCE PROMPTS .....	77
DISTANCE AND TIME TO DESTINATION .....	80
SETTING AND DELETING DESTINATIONS .....	81
SETTING ROUTE .....	83
<b>3. ADDRESS BOOK</b> .....	<b>92</b>
NAVIGATION SETTINGS .....	92
<b>4. SETUP</b> .....	<b>107</b>
DETAILED NAVIGATION SETTINGS .....	107
VEHICLE SETTINGS .....	114
<b>5. GPS (GLOBAL POSITIONING SYSTEM)</b> .....	<b>118</b>
LIMITATIONS OF THE NAVIGATION SYSTEM .....	118

**4**    **PHONE**

**1. PHONE OPERATION ..... 122**

- QUICK REFERENCE ..... 122
- PHONE (HANDS-FREE SYSTEM FOR CELLULAR PHONE)..... 124
- REGISTER A Bluetooth® PHONE..... 128
- CALL ON THE Bluetooth® PHONE..... 132
- RECEIVE ON THE Bluetooth® PHONE ..... 138
- TALK ON THE Bluetooth® PHONE ..... 139
- Bluetooth® PHONE MESSAGE FUNCTION..... 141

**2. SETUP ..... 144**

- PHONE SETTINGS ..... 144
- Bluetooth® SETTINGS ..... 164

**5**    **AUDIO SYSTEM**

**1. AUDIO SYSTEM OPERATION ..... 176**

- QUICK REFERENCE ..... 176
- SOME BASICS ..... 177
- RADIO OPERATION ..... 182
- HD Radio™ TECHNOLOGY INFORMATION ..... 186
- RADIO OPERATION (XM Satellite Radio BROADCAST)... 190
- RADIO OPERATION (INTERNET RADIO BROADCAST) ..... 195
- USB MEMORY OPERATION ..... 196
- iPod OPERATION ..... 201
- Bluetooth® AUDIO OPERATION..... 205
- AUDIO REMOTE CONTROLS (STEERING SWITCHES) ..... 213
- AUDIO SYSTEM OPERATING HINTS ..... 214

**2. SETUP ..... 220**

- AUDIO SETTINGS ..... 220

**6**    **VOICE COMMAND SYSTEM**

**1. VOICE COMMAND SYSTEM OPERATION..... 224**

- VOICE COMMAND SYSTEM ..... 224
- NATURAL SPEECH INFORMATION (ENGLISH ONLY) ..... 230
- EXPANDED VOICE COMMANDS..... 231
- COMMAND LIST ..... 232

**7**    **INFORMATION**

**1. INFORMATION DISPLAY ..... 236**

- MAP DATABASE VERSION AND COVERAGE AREA ..... 236

**2. XM FUNCTION-OVERVIEW ..... 238**

- XM SERVICES ..... 238

**3. XM FUNCTION OPERATION ..... 239**

- XM Sports ..... 239
- XM Stocks ..... 242
- XM NavWeather™ ..... 244
- XM NavTraffic® ..... 247

**4. SETUP ..... 250**

- XM SETTINGS..... 250

# TABLE OF CONTENTS

## 8 APPS

### 1. ENTUNE-OVERVIEW ..... 252

ENTUNE SERVICE ..... 252

BEFORE USING ENTUNE ..... 254

### 2. ENTUNE OPERATION ..... 255

ACTIVATING “Apps” ..... 255

LINKING “Apps” AND NAVIGATION

LOCAL FUNCTION ..... 258

INPUTTING KEYWORD

OPERATION ..... 260

## INDEX

### ALPHABETICAL INDEX ..... 264

# 1

## QUICK GUIDE

### 1 NAVIGATION OPERATION

1. OVERVIEW BUTTON AND MAIN MENU SCREEN..... 10
2. MAP SCREEN..... 12
3. REGISTERING HOME ..... 14
4. REGISTERING PRESET DESTINATIONS..... 16
5. OPERATION FLOW: GUIDING THE ROUTE ..... 18
6. SETTING HOME AS THE DESTINATION ..... 19

### 2 FUNCTION INDEX

1. NAVIGATION SYSTEM FUNCTION INDEX ..... 20

### 3 QUICK REFERENCE

1. “Destination” SCREEN ..... 22
2. “Setup” SCREEN ..... 24
3. “Information” SCREEN..... 26
4. NAVIGATION SYSTEM SCREEN OPERATIONS ..... 27

1

2

3

4

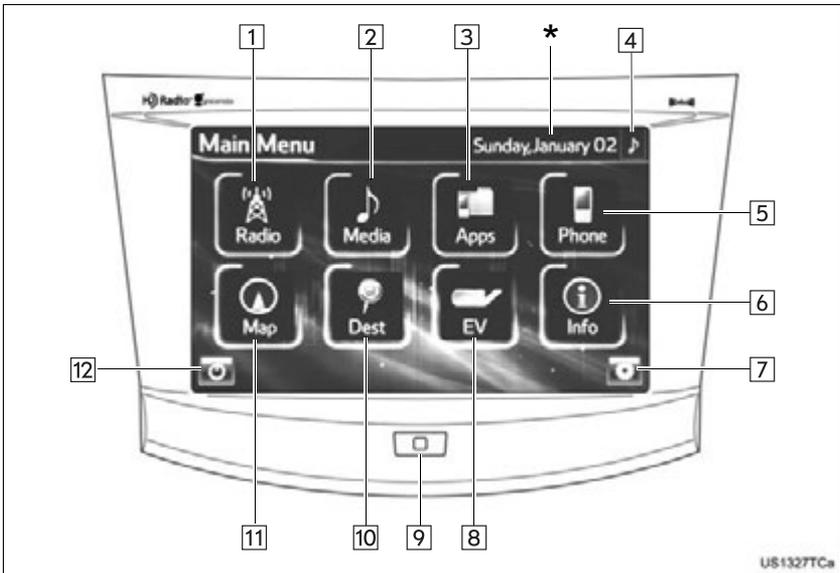
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6

7

8

# 1. OVERVIEW BUTTON AND MAIN MENU SCREEN



No.	Name/Icon	Function	Page
1	"Radio"	Touch to display the radio control screen.	182
2	"Media"	Touch to display the media control screen.	196
3	"Apps"	Touch to display the "Apps" screen.	255
4		Touch to display the audio control screen.	176
5	"Phone"	Touch to display the hands-free operation screen.	122
6	"Info"	Touch to display the "Information" screen.	26, 236, 239, 242, 244, 247
7		Touch to display the "Setup" screen.	24, 35, 46, 52, 92, 107, 114, 144, 164, 220, 250

No.	Name/Icon	Function	Page
8	"EV"	Touch to view and set " <b>Energy Monitor</b> ", " <b>Charge Summary</b> ", " <b>Charging &amp; Pre-Climate Setup</b> " and " <b>Range Map</b> " settings. For details, refer to the " <i>Owner's Manual</i> ".	—
9	"HOME" button	Press to display the "Main Menu" screen. Press and hold to turn off the screen and audio system.	14, 16, 18, 19, 35, 56, 122, 176, 236, 255
10	"Dest"	Touch to display the "Destination" screen.	14, 16, 18, 19, 22, 56
11	"Map"	Touch to display the current position and start guidance.	37
12		Touch to turn the audio system on and off.	177

Press and hold the "**HOME**" button for 10 seconds or more to turn off the screen and restart the navigation system. Do this when the vehicle-mounted device response is extremely slow.

\*: The date on the navigation system and the time on the HVAC display are displayed by utilizing GPS. (See "CLOCK SETTINGS" on page 47 and "GPS (GLOBAL POSITIONING SYSTEM)" on page 118.)

2. MAP SCREEN



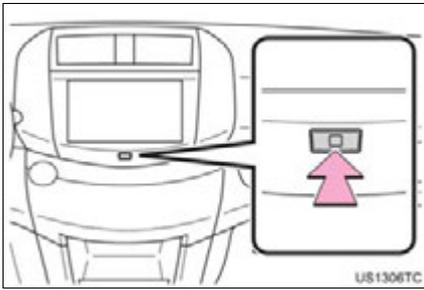
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No.	Name/Icon	Function	Page
1	North-up or heading-up symbol	This symbol indicates whether the map orientation is set to north-up or heading-up. Touching this symbol changes the map orientation. Both north-up and heading-up symbols display the vehicles direction as a letter (e.g. N for north).	45
2	Scale indicator	This figure indicates the map scale.	44
3		Touch to display the audio control screen.	176
4		Touch to repeat a voice guidance, cancel scrolling on the map screen, and to display the current position.	37, 78
5	Zoom out button	Touch to reduce the map scale.	44
6	“◀◀ Off”	Touch to obtain a broader view. Some of the buttons on the screen will not be displayed. They are displayed again by touching “On ▶▶”.	111
7	“Mark”	Touch to register the current position or the cursor position as an address book entry.	39
8	“Route”	Touch to change the route.	81, 83

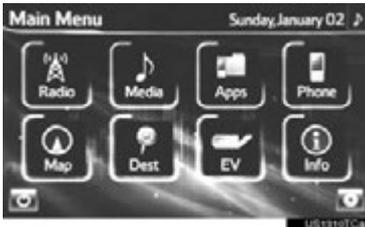
No.	Name/Icon	Function	Page
9	"Show on Map"	Touch to browse information about guidance route, to set the POI (Point of Interest) icons to be displayed on the screen, to record the route, etc.	87, 248
10	Zoom in button	Touch to magnify the map scale.	44
11	"Map Mode"	Touch to display the "Map Mode" screen.	41
12	Distance and time to destination	Displays the distance, estimated travel and arrival time to the destination.	80
13	XM indicator	This mark is displayed when XM information is received.	246, 248
14	"GPS" mark (Global Positioning System)	Whenever the vehicle is receiving signals from the GPS, this mark is displayed.	118

### 3. REGISTERING HOME

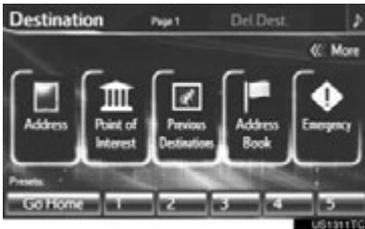
1 Press the "HOME" button.



2 Touch "Dest".



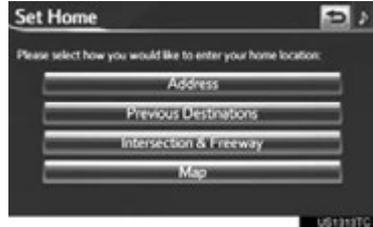
3 Touch "Go Home".



4 Touch "Yes".



5 There are 4 different methods to search your home. (See "DESTINATION SEARCH" on page 56.)



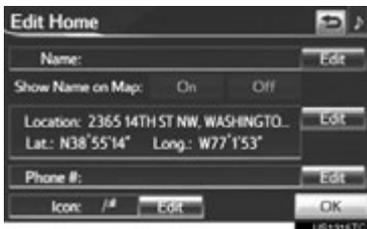
6 Touch "Enter".



If a home address has not been registered, it can be registered by touching "Go Home".

The "Edit Home" screen is displayed.

## 7 Touch “OK”.



Registration of home is complete.

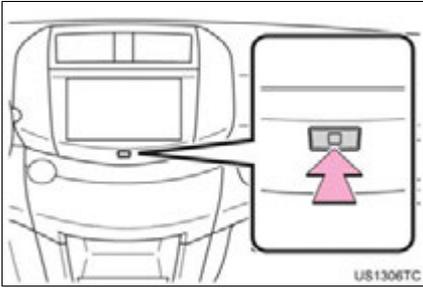
Home can also be registered by touching “**Navigation**” on the “Setup” screen. (See “REGISTERING HOME” on page 93.)

The name, location, phone number and icon can be changed. (See “EDITING HOME” on page 94.)

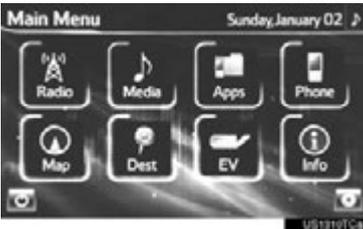
The registered points can be used on the “Destination” screen. (See “DESTINATION SEARCH BY HOME” on page 57.)

# 4. REGISTERING PRESET DESTINATIONS

1 Press the “HOME” button.



2 Touch “Dest”.



3 Touch one of the preset destination buttons.

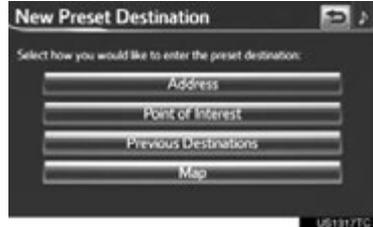


A preset destination can be set to any preset destination button that has not yet been set.

4 Touch “Yes”.



5 There are 4 different methods to search preset destinations. (See “DESTINATION SEARCH” on page 56.)

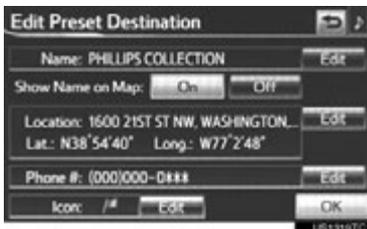


6 Touch “Enter”.



The “Edit Preset Destination” screen is displayed.

## 7 Touch “OK”.



Registration of preset destinations is complete.

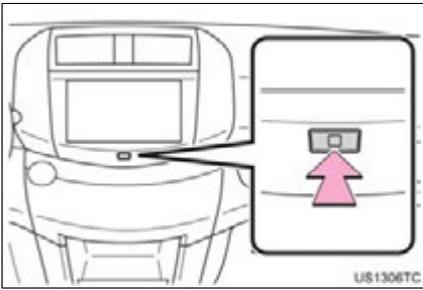
Preset destinations can also be registered by touching “**Navigation**” on the “Setup” screen. (See “REGISTERING PRESET DESTINATIONS” on page 95.)

The name, location, phone number and icon can be changed. (See “EDITING PRESET DESTINATIONS” on page 96.)

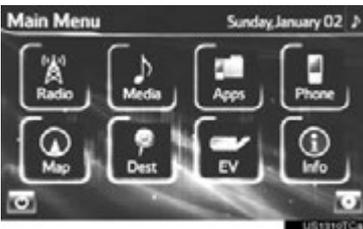
The registered points can be used on the “Destination” screen. (See “DESTINATION SEARCH BY PRESET DESTINATIONS” on page 57.)

# 5. OPERATION FLOW: GUIDING THE ROUTE

1 Press the "HOME" button.



2 Touch "Dest".



3 There are 10 different methods to search destinations. (See "DESTINATION SEARCH" on page 56.)

►Page 1



►Page 2



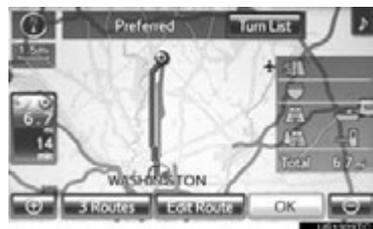
The driving range available on the current amount of charge remaining in the traction battery can be confirmed on the "Range Map" screen. (For details, refer to the "Owner's Manual")

4 Touch "Go to" icon.



The navigation system performs a search for the route.

5 Touch "OK", and start driving.

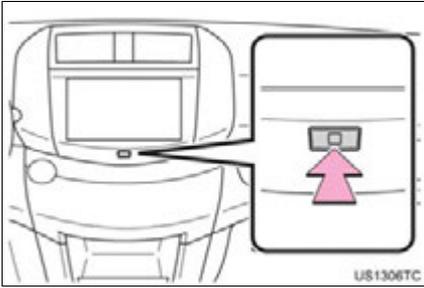


Routes other than the one recommended can also be selected. (See "STARTING ROUTE GUIDANCE" on page 71.)

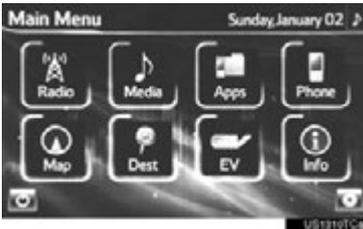
Guidance to the destination is displayed on the screen and can be heard via voice guidance.

## 6. SETTING HOME AS THE DESTINATION

- 1 Press the “HOME” button.



- 2 Touch “Dest”.



- 3 Touch “Go Home”.



“Go Home” can be used if your home address has been registered. (To register home, see “REGISTERING HOME” on page 93.)

Your home address is set as the destination. The navigation system performs a search for the route.

The driving range available on the current amount of charge remaining in the traction battery can be confirmed on the “Range Map” screen. (For details, refer to the “Owner’s Manual”)

- 4 Touch “OK”, and start driving.



Routes other than the one recommended can also be selected. (See “STARTING ROUTE GUIDANCE” on page 71.) Guidance to the destination is displayed on the screen and can be heard via voice guidance.

1. NAVIGATION SYSTEM FUNCTION INDEX

► Map

Displaying maps	Page
Viewing the map screen	12
Displaying the current position	37
Viewing the current position vicinity map	37
Changing the scale	44
Changing the map orientation	45
Displaying Points of Interest	87
Displaying the estimated travel/arrival time to the destination	80
Selecting the map mode	41
Deleting map screen buttons	111
Displaying traffic information	247

Searching destinations	Page
Searching the destination	56
Changing the selected search area	56
Operating the map location of the selected destination	71

► Route guidance

Before starting route guidance	Page
Setting the destination	71
Viewing alternative routes	72
Starting route guidance	71

Before starting or during route guidance	Page
Viewing the route	71
Adding destinations	81
Changing the route	83
Displaying the estimated travel/arrival time to the destination	80

During route guidance	Page
Pausing route guidance	86
Adjusting route guidance volume	53
Deleting the destination	82
Displaying the entire route map	84

► Useful functions

Address book	Page
Registering address book entries	98
Marking icons on the map	99

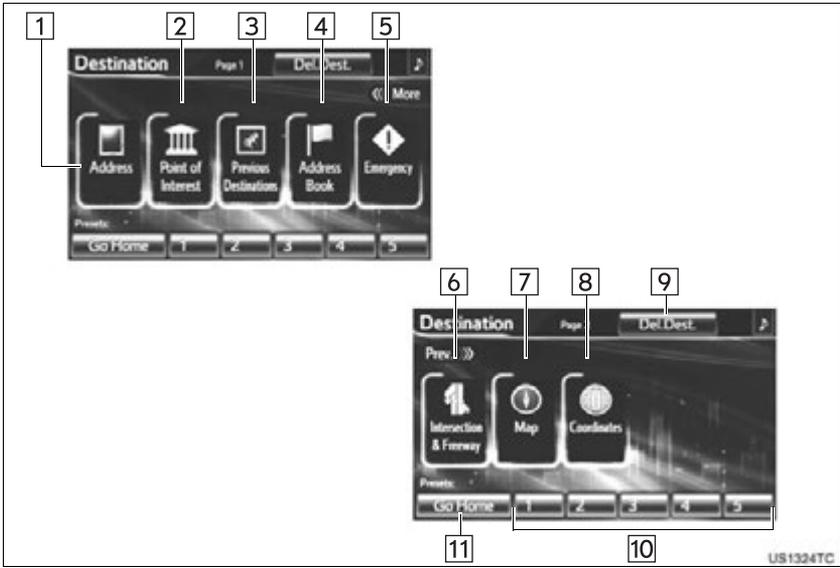
Information	Page
Displaying vehicle maintenance	114

Hands-free system (for cellular phone)	Page
Initiating Bluetooth®	124
Making a call on a Bluetooth® phone	132
Receiving a call on the Bluetooth® phone	138

Voice command system	Page
Operating the system with your voice	224

# 1. “Destination” SCREEN

The “Destination” screen enables a destination search. Press the “HOME” button and touch “Dest” to display the “Destination” screen.

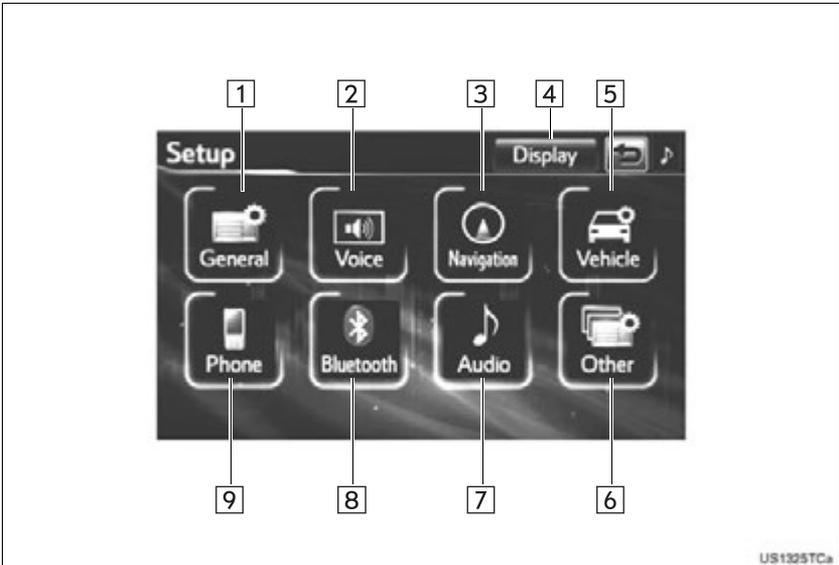


No.	Name	Function	Page
1	“Address”	Touch to input a house number and the street address using the input keys.	58
2	“Point of Interest”	Touch to select one of the POIs that have already been stored in the system’s database.	60
3	“Previous Destinations”	Touch to select a destination from any of the last 100 previously set destinations and from the previous starting point.	66
4	“Address Book”	Touch to select the desired location from a registered entry in “Address book”. (To register address book entries, see “REGISTERING ADDRESS BOOK ENTRIES” on page 98.)	66
5	“Emergency”	Touch to select one of the 4 categories of emergency service points that have already been stored in the system’s database.	67
6	“Intersection & Freeway”	Touch to enter the names of two intersecting streets or a freeway (interstate) entrance or exit. This is helpful if only the general vicinity, not the specific address, is known.	67
7	“Map”	Touch to enable setting a destination by touching a location on the map screen.	69

No.	Name	Function	Page
8	"Coordinates"	Touch to enter latitude and longitude coordinates.	70
9	"Del.Dest."	Touch to delete set destinations.	70
10	Preset destination buttons	Touch to select one of the 5 preset destination points as a destination. If a preset destination point has not been registered, a message will be displayed asking if it is desirable to set a destination to the preset screen button. (To register a preset destination, see "REGISTERING PRESET DESTINATIONS" on page 95.)	57
11	"Go Home"	Touch to select your personal home address without having to enter the address each time. If a home address has not been registered, a message confirming if it is desirable to set a home will be displayed, and the setting screen will appear. (To register home, see "REGISTERING HOME" on page 93.)	57

## 2. “Setup” SCREEN

The items shown on the “Setup” screen can be set. Press the “HOME” button and touch  to display the “Setup” screen.



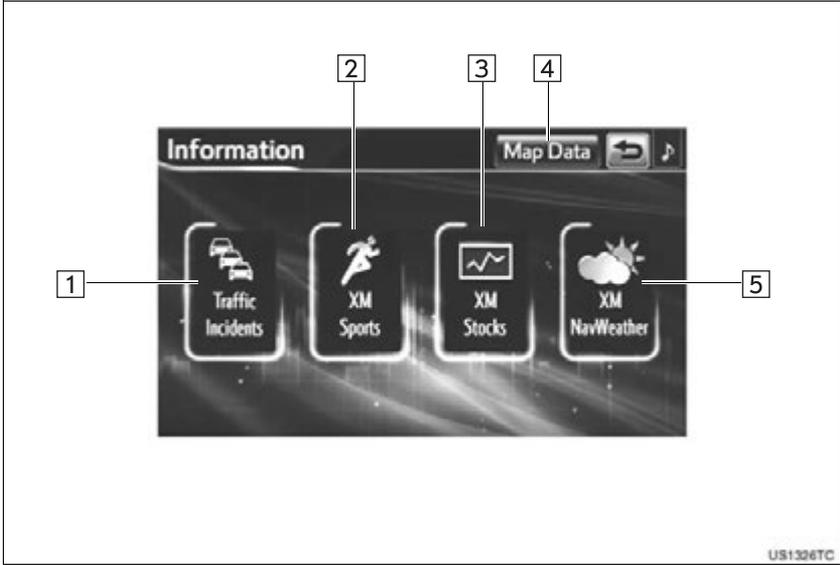
No.	Name	Function	Page
1	“General”	Touch to change the selected language, operation sound settings, automatic screen change, etc.	46
2	“Voice”	Touch to set the voice guidance settings.	52
3	“Navigation”	Touch to set home, preset destinations, address book, areas to avoid, etc. or to delete previous destinations.	92
4	“Display”	Touch to adjust the contrast and brightness of the screens, turn the display off, etc.	35
5	“Vehicle”	Touch to set the maintenance information.	114

No.	Name	Function	Page
6	"Other"	Touch to set XM Sports and XM Stocks.	250
7	"Audio"	Touch to set iPod and HD Radio™ channel.	220
8	"Bluetooth*"	Touch to set Bluetooth® phones and Bluetooth® audio devices.	164
9	"Phone"	Touch to set the phone sound, phone book, message settings, etc.	144

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

### 3. “Information” SCREEN

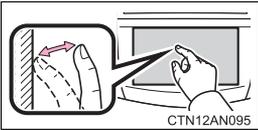
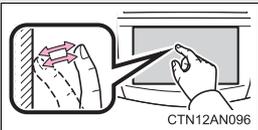
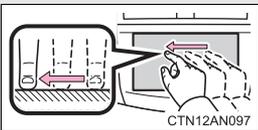
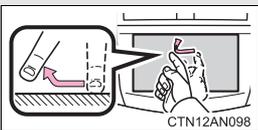
This screen can be used to display the XM satellite system, traffic incidents and map data. Press the “HOME” button and touch “Info” to display the “Information” screen.



No.	Name	Function	Page
1	“Traffic Incidents”	Touch to display traffic incidents.	247
2	“XM Sports”	Touch to display personally selected sports teams information.	239
3	“XM Stocks”	Touch to display personally selected stocks information.	242
4	“Map Data”	Touch to display map data information.	236
5	“XM NavWeather”	Touch to display weather information.	244

## 4. NAVIGATION SYSTEM SCREEN OPERATIONS

Operations are performed by touching the navigation system screen directly with your finger.

Operation method	Outline	Main use	Page
	<p><b>Touch</b> Quickly touch and re-lease once.</p>	Changing and selecting various settings.	—
	<p><b>Double tap*</b> Quickly touch and re-lease twice.</p>	Changing the map scale.	44
	<p><b>Drag*</b> Touch the screen with your finger, and move the screen to the desired position.</p>	Moving around the map, adjusting audio volume, etc.	38
	<p><b>Flick*</b> Quickly move the screen by flicking with your finger.</p>	Moving around the map, skipping to the next page of a list, etc.	33, 38

\*: The above operations may not be performed on all screens.



## BASIC FUNCTION

<b>1</b>	<b>BASIC INFORMATION BEFORE OPERATION</b>	
	<b>1. INITIAL SCREEN .....</b>	<b>30</b>
	<b>2. TOUCH SCREEN OPERATION .....</b>	<b>31</b>
	<b>3. INPUTTING LETTERS AND NUMBERS/LIST SCREEN OPERATION .....</b>	<b>32</b>
	<b>4. SCREEN ADJUSTMENT .....</b>	<b>35</b>
	SCREEN SETTINGS ADJUSTMENT .....	35
	<b>5. MAP SCREEN OPERATION.....</b>	<b>37</b>
	CURRENT POSITION DISPLAY .....	37
	SCREEN SCROLL OPERATION .....	37
	SWITCHING THE SCREENS.....	41
	MAP SCALE .....	44
	ORIENTATION OF THE MAP .....	45
	STANDARD MAP ICONS.....	45
<b>2</b>	<b>SETUP</b>	
	<b>1. GENERAL SETTINGS .....</b>	<b>46</b>
	SCREENS FOR GENERAL SETTINGS .....	46
	<b>2. VOICE SETTINGS.....</b>	<b>52</b>
	SCREEN FOR VOICE SETTINGS .....	52

## 1. INITIAL SCREEN

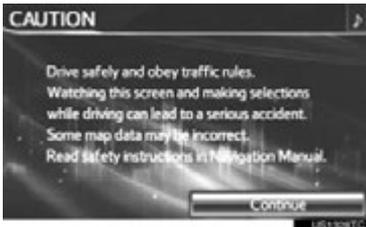
- 1 When the “POWER” switch is in ACCESSORY or ON mode, the initial screen will be displayed and the system will begin operating.



### ! CAUTION

- When the vehicle is stopped with the EV system operating, always apply the parking brake for safety.

- After a few seconds, the “CAUTION” screen will be displayed.

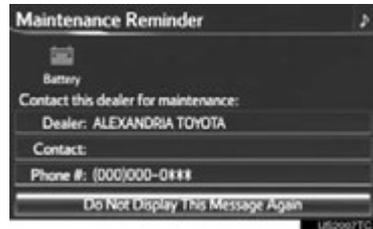


- After about 5 seconds, the “CAUTION” screen automatically switches to the map screen.

### MAINTENANCE INFORMATION

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

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



- This screen goes off if the screen is not operated for several seconds.
- To prevent this screen from being displayed again, touch “**Do Not Display This Message Again**”.
- To register maintenance information, see “MAINTENANCE” on page 114.

## 2. TOUCH SCREEN OPERATION

This system is operated mainly by the buttons on the screen. (Referred to as screen buttons in this manual.)

- When a screen button is touched, a beep sounds. (To set the beep sound, see page 46.)



### NOTICE

- To prevent damaging the screen or causing a malfunction, observe the following:
  - Do not touch the screen forcibly
  - Do not touch the screen using your fingernails
  - Do not use objects other than your finger to touch the screen
  - Do not touch the screen with a wet finger
  - Do not use chemical cleaners to clean the screen (Wipe off fingerprints using a glass cleaning cloth)

### INFORMATION

- The system may respond incorrectly or fail to respond if gloves are worn during touch operation.
- If the screen is operated with 2 or more fingers, incorrect operation may occur.
- If the system does not respond to touching a screen button, move your 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 screen is cold.
- In extremely cold conditions, the map 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 on the “Display” screen or take off your sunglasses.

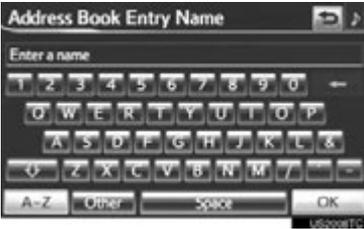
### 3. INPUTTING LETTERS AND NUMBERS/LIST SCREEN OPERATION

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

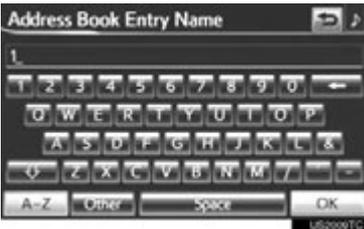
- Keyboard layout can be changed. (See page 50.)

#### TO INPUT LETTERS AND NUMBERS

- 1 Touch “A-Z” to display the alphabet keys.



- 2 Touch the keys directly to enter letters or numbers.



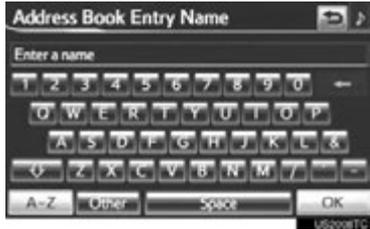
- ☛: Touch to erase one character. Touch and hold to continue erasing characters.

- On certain letter entry screens, letters can be entered in upper or lower case.

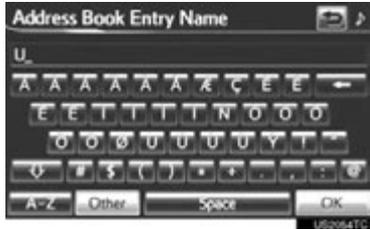
Icon	Function
	Touch to enter in lower case.
	Touch to enter in upper case.

#### TO INPUT SYMBOLS

- 1 Touch “Other” to display symbol keys.



- 2 Touch the symbol keys directly to enter symbols.



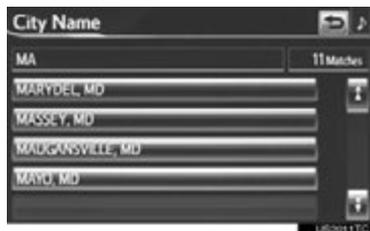
- ☛: Touch to erase one symbol. Touch and hold to continue erasing symbols.

#### TO DISPLAY THE LIST

- 1 Touch “OK” to search for an address or a name.



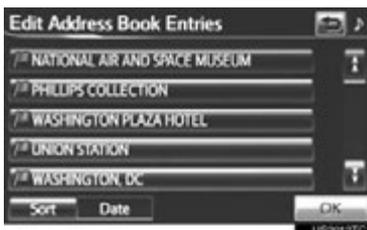
- Matching items from the database are listed even if the entered address or name is incomplete.
- The list will be displayed automatically if the maximum number of characters is entered or the number of matching items is 5 or less.

**INFORMATION**

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

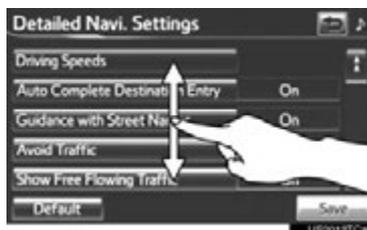
**LIST SCREEN TOUCH OPERATION**

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

**LIST SCREEN FLICK OPERATION**

In addition to normal touch-operability, some list screens can be scrolled according to the user's finger movements.

- 1 If the screen is flicked in an upward direction, a following page is displayed. If the screen is flicked in a downward direction, a previous page is displayed.



2

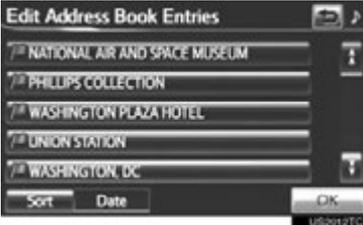
BASIC FUNCTION

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

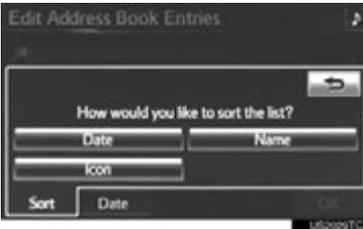
## SORTING

The order of a list displayed on the screen can be rearranged.

- 1 Touch “Sort”.



- 2 Touch the desired sorting criteria.



Screen button	Function
“Distance”	Touch to sort in order of distance from the current position.
“Date”	Touch to sort in order of date.
“Category”	Touch to sort in order of category.
“Icon”	Touch to sort in order of icon.
“Name”	Touch to sort in order of name.

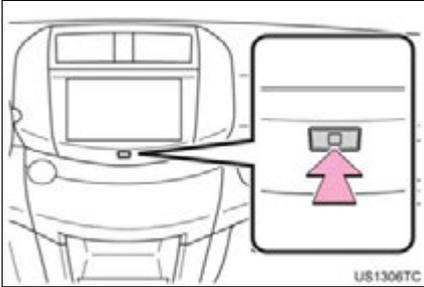
## 4. SCREEN ADJUSTMENT

The contrast and brightness of the screen display and the image the camera displays can be adjusted. The display can also be turned off, and/or changed to either day or night mode.

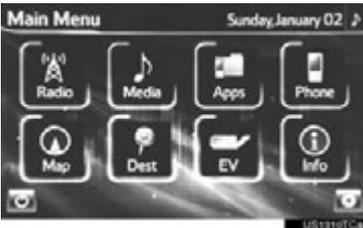
### SCREEN SETTINGS ADJUSTMENT

#### ADJUSTING SCREEN DISPLAY AND CAMERA SETTINGS

- 1 Press the “HOME” button.



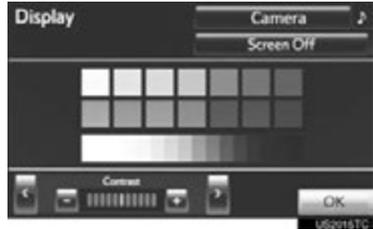
- 2 Touch .



- 3 Touch “Display”.



- ▶ Adjusting the screen display



“Camera”: Touch to adjust the image the camera displays.

- ▶ Adjusting the image the camera displays

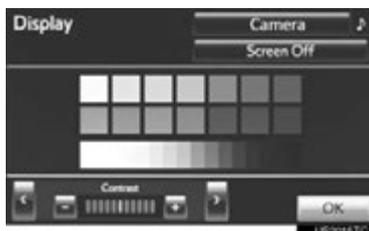


“Map-Menu”: Touch to return to the screen display settings.

## CONTRAST AND BRIGHTNESS ADJUSTMENT

The contrast and brightness of the screen can be adjusted according to the brightness of your surroundings. The display can also be turned off.

- 1 Touch “<” or “>” to select the desired function (“Contrast” or “Brightness”).



- 2 Touch the desired screen button to adjust contrast and brightness.

Screen button	Function
“Contrast” “+”	Touch to strengthen the contrast of the screen.
“Contrast” “-”	Touch to weaken the contrast of the screen.
“Brightness” “+”	Touch to brighten the screen.
“Brightness” “-”	Touch to darken the screen.

- 3 After adjusting the screen, touch “OK”.

- The screen goes off when “Screen Off” is touched. To turn the screen back on, press the “HOME” button. The “Main Menu” screen appears.

## 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”.



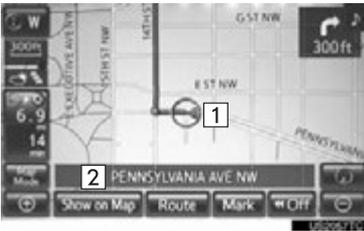
### INFORMATION

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

## 5. MAP SCREEN OPERATION

### CURRENT POSITION DISPLAY

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



- The current position mark (1) appears in the center or bottom center of the map screen.
- A street name will appear on the bottom of the screen (2).
- The screen can be returned to this map screen that shows the current position at any time, from any screen by pressing the “HOME” button and touching “Map”.
- To correct the current position manually, see page 111.

#### INFORMATION

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

### SCREEN SCROLL OPERATION

When any point on the map is touched and released, that point moves to the center of the screen and is shown by the cursor mark (1).



- Use the scroll feature to move the desired point to the center of the screen for looking at a point on the map that is different from the current position.
- A street name, city name, etc. of the touched point will be shown, depending on the scale of the map (2). Distance from the current position to the cursor mark (1) will also be shown (3).
- After the screen is scrolled, the map remains centered at the selected location until another function is activated. The current position mark will continue to move along your actual route and may move off the screen. When the current position mark is touched, the current 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 position mark may disappear from the screen. Touch the current position mark on the screen to display the current position on the map screen.

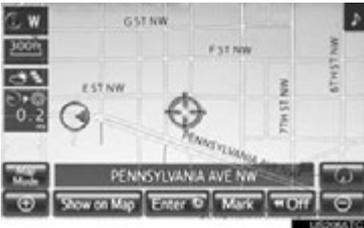
## MAP SCREEN FLICK OPERATION

In addition to normal touch operability, the map screen can be scrolled by flicking the screen.

- 1 Flick the screen.



- 2 When flicked to the left, the screen changes similar to the following illustration.



- The amount that the screen scrolls changes according to the speed of the flick.

### INFORMATION

- Map screen scroll operations are restricted when driving.

## MAP SCREEN DRAG OPERATION

In addition to normal touch operability, the map screen can be scrolled by dragging a finger that is already touching the map screen. The map screen scrolls according to finger movement.



## TO SET THE CURSOR POSITION AS A DESTINATION

A specific point on the map can be set as a destination using the scroll function.

- 1 Touch "Enter".



- The screen changes and displays the map location of the selected destination and the route preference. (See "STARTING ROUTE GUIDANCE" on page 71.)

## TO REGISTER THE CURSOR POSITION AS AN ADDRESS BOOK ENTRY

Address book entry registration enables easy access to a specific point.

### 1 Touch “Mark”.



### 2 This screen is displayed.



- The registered point is shown by  on the map.
- To change the icon or name, etc., see “EDITING ADDRESS BOOK ENTRIES” on page 98.

### INFORMATION

- Up to 100 address book entries can be registered. If there is an attempt to register more than 100 address book entries, an error message will appear.

## TO SEE INFORMATION ABOUT THE ICON WHERE THE CURSOR IS SET

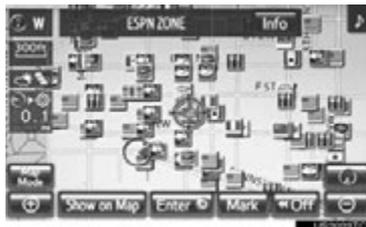


- To display information about an icon, set the cursor on it.

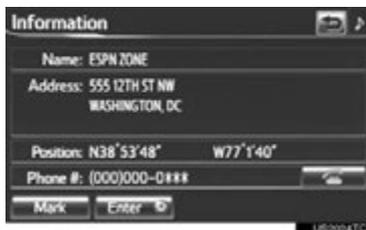
### POI INFORMATION

When the cursor is set on a POI icon, the name and “Info” are displayed at the top of the screen.

### 1 Touch “Info”.



- ### 2
- Information such as the name, address, position and phone number are displayed.



- If “Enter” is touched, the cursor position will be set as a destination.

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

“Go Directly”: Touch to delete the existing destination(s) and set a new one.

“Add to Route”: Touch to add a destination.

- To register this POI as an address book entry, touch “Mark”. (See “REGISTERING ADDRESS BOOK ENTRIES” on page 98.)

- If is touched, the registered phone number can be called.

- The desired POI can be displayed on the map screen. (See “SHOW ON MAP” on page 87.)

- If “Enter” is touched, the cursor position will be set as a destination.

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

“Go Directly”: Touch to delete the existing destination(s) and set a new one.

“Add to Route”: Touch to add a destination.

- To edit an address book entry, touch “Edit”. (See “EDITING ADDRESS BOOK ENTRIES” on page 98.)

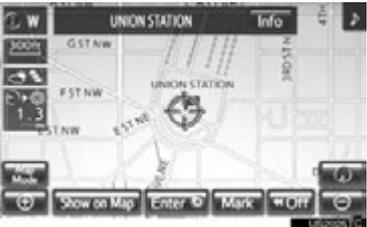
- To delete an address book entry, touch “Delete”.

- If is touched, the registered phone number can be called.

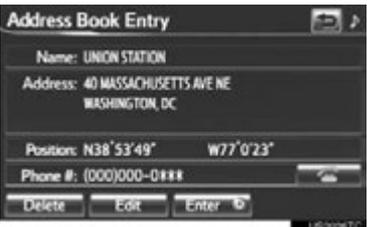
## ADDRESS BOOK ENTRY INFORMATION

When the cursor is set on an address book entry icon, the name and “Info” are displayed at the top of the screen.

1 Touch “Info”.



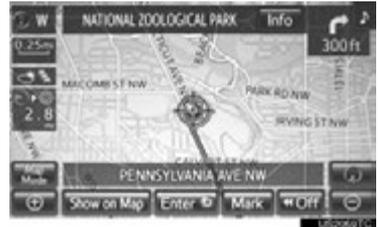
2 Information such as the name, address, position and phone number are displayed.



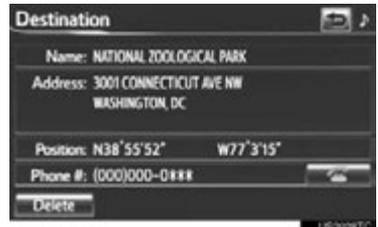
## DESTINATION INFORMATION

When the cursor is set on a destination icon, the name and “Info” are displayed on the top of the screen.

1 Touch “Info”.



2 Information such as the name, address, position and phone number are displayed.



- To delete a destination, touch “Delete”.

- If  is touched, the registered phone number can be called.

## ■ XM NavTraffic® TEXT INFORMATION

When the XM NavTraffic® icon on the map screen is touched, the XM NavTraffic® information bar will appear on the upper part of the screen.

### 1 Touch “Info”.



### 2 Traffic information is displayed on the screen.



- To display detailed traffic event information, touch “Detail”.



## SWITCHING THE SCREENS

Any of the screen configurations can be selected.

### 1 Touch “Map Mode”.



### 2 Touch the screen buttons to select the desired configuration.



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

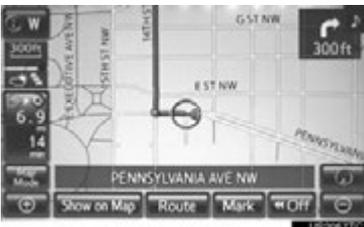
Screen button	Function
“Map Only”	Touch to display the single map screen. (See page 42.)
“Turn List”	Touch to display the turn list screen. (See page 76.)
“Intersection”	Touch to display the intersection guidance screen or the guidance screen on the freeway. (See page 75.)
“Audio”	Touch to display the audio screen. (See page 42.)

Screen button	Function
“Energy Monitor”	Touch to display the energy monitor screen. (For details, refer to the “Owner’s manual”)
“Other Information”	Touch to display the following 4 screen configurations: “Dual map”, “Compass”, “Turn-by-Turn Arrow” and “Freeway Exit List”.
“Dual map”	Touch to display the dual map screen. (See page 43.)
“Compass”	Touch to display the compass mode screen. (See page 43.)
“Turn-by-Turn Arrow”	Touch to display the turn-by-turn arrow screen. (See page 76.)
“Freeway Exit List”	Touch to display the freeway exit list screen. (See page 74.)

## SCREEN CONFIGURATIONS

### MAP ONLY

This is a regular map screen.



- The screen shows the single map.
- While on a different screen, touching “**Map Only**” will display the single map screen.

### AUDIO

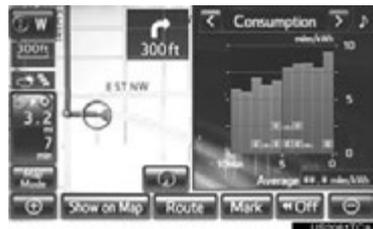
The audio screen and the map screen are displayed.



- Information on the current radio station or track is displayed.
- If a different screen is displayed, touch “**Audio**” on the “Map Mode” screen.
- For audio system operation, refer to “AUDIO SYSTEM OPERATION”. (See page 176.)

### ENERGY MONITOR

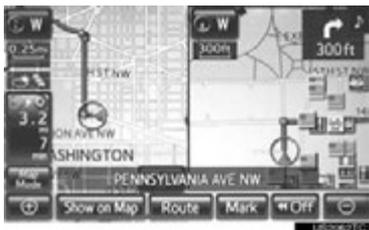
The energy monitor screen and the map screen are displayed.



- Touching “<” or “>” allows selection of the desired mode (“Consumption” or “Past Record”).

## DUAL MAP

The map screen can be split into two.



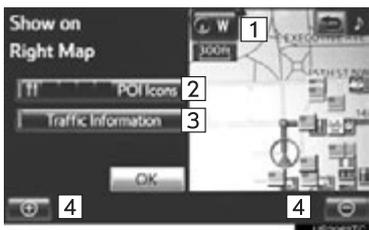
- This screen shows the dual map. The map on the left is the main map.

- While on a different screen, touching **“Dual map”** will display the dual map screen.

## EDITING RIGHT MAP

The right side map can be edited by touching any point on the right side map.

- 1 Touch the desired screen button.



- The following procedures can be performed on this screen:

No.	Function
1	Changing the orientation of the map
2	Displaying POI icons
3	Showing XM NavTraffic® information (See page 248.)
4	Changing the map scale

- 2 Touch **“OK”** when editing is completed.

- The screen returns to the dual map screen.

## COMPASS

The current position is indicated with a compass.



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

- While on a different screen, touching **“Compass”** will display the compass mode screen.

### INFORMATION

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

## MAP SCALE

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



- The scale bar and indicator at the bottom of the screen indicate the map scale menu. The scale range is from 150 feet (50 m) to 250 miles (400 km).
- Touch and hold  or  to continue changing the scale of the map screen.
- The scale of the map screen can be changed by touching the scale bar directly. This function is not available while driving.

### INFORMATION

- The map scale is displayed under the north-up or heading-up symbol at the top left of the screen.
- When the map scale is at the maximum range of 250 miles (400 km),  is not shown. When the map scale is at the minimum range of 150 feet (50 m),  is not shown.

## DOUBLE TAPPING FUNCTION

The map scale can be changed to 0.25 miles or 150 feet by double tapping the screen.

- 1 Double tap the screen.



- The map scale changes as follows after each double tap:
  - ▶ When the displayed area is more than 0.25 miles
    - 0.5 miles → 0.25 miles → 150 feet → 0.5 miles
  - ▶ When the displayed area is between 0.25 miles and 150 feet
    - 700 feet → 150 feet → 0.25 miles → 700 feet
  - ▶ When the displayed area is set to 0.25 miles or 150 feet
    - 0.25 miles → 150 feet → 0.25 miles

### INFORMATION

- Double tapping cannot be performed on all screens.

## ORIENTATION OF THE MAP

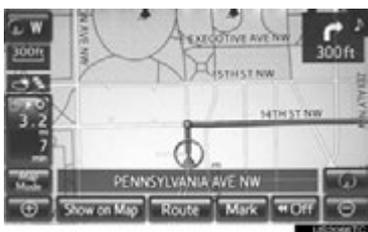
The orientation of the map can be changed from north-up to heading-up by touching the orientation symbol at the top left of the screen.

1 Touch  or .

► North-up screen



► Heading-up screen



: North-up symbol

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

: Heading-up symbol

The direction of vehicle travel is always up.

- Both the north-up and heading-up symbols display the vehicles direction as a letter (e.g. N for north).

## STANDARD MAP ICONS

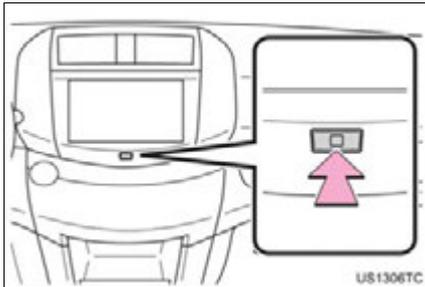
Icon	Name
	Island
	Park
	Industry
	Business facility
	Airport
	Military
	University
	Hospital
	Stadium
	Shopping mall
	Golf

## 2. SETUP

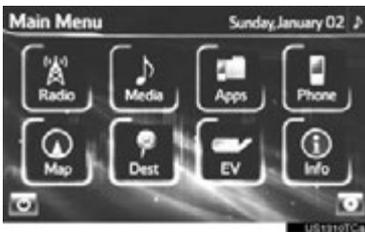
# 1. GENERAL SETTINGS

Used for language selection and the on/off settings of operation sounds and automatic screen change, etc.

- 1 Press the “HOME” button.



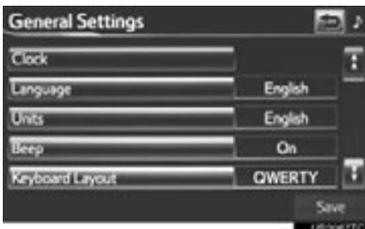
- 2 Touch .



- 3 Touch “General”.

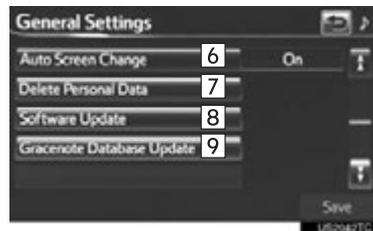
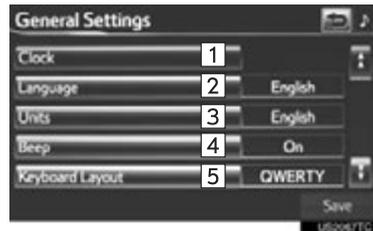


- 4 Touch the items to be set.



- 5 Touch “Save”.

## SCREENS FOR GENERAL SETTINGS



- On this screen, the following functions can be performed:

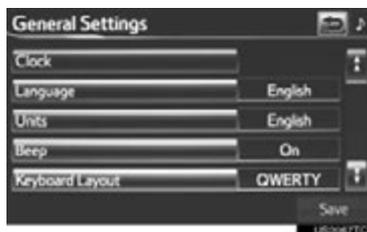
No.	Function
1	Touch to change the time zone and select “On” or “Off” for daylight saving time. (See “CLOCK SETTINGS” on page 47.)
2	Touch to change the language. (See “SELECTING A LANGUAGE” on page 49.)
3	Touch to change the distance unit. (See “UNIT OF MEASUREMENT” on page 49.)
4	Touch to turn the sound beeps “On” or “Off”.
5	Touch to change the keyboard layout. (See “SELECTING A KEYBOARD LAYOUT” on page 50.)

No.	Function
6	Touch to select <b>“On”</b> or <b>“Off”</b> for automatic screen changes from the audio screen to the previous screen. If <b>“On”</b> is selected, the screen will automatically return to the previous screen from the audio screen after no operations have been performed for 20 seconds.
7	Touch to delete personal data. (See <b>“DELETING PERSONAL DATA”</b> on page 51.)
8	Touch to update program versions. For details, contact your Toyota dealer.
9	Touch to update gracenote database versions. For details, contact your Toyota dealer.

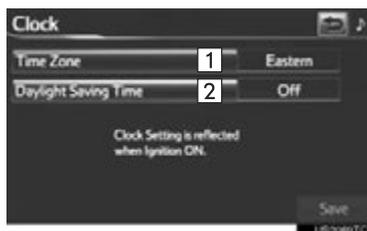
## CLOCK SETTINGS

Used for changing time zones and the on/off settings of daylight saving time. The time set on the navigation system is displayed on the HVAC display.

- 1 Press the **“HOME”** button.
- 2 Touch  on the **“Main Menu”** screen.
- 3 Touch **“General”** on the **“Setup”** screen.
- 4 Touch **“Clock”**.



- 5 Touch the items to be set.



- On this screen, the following functions can be performed:

No.	Function
1	Touch to change the time zone. (See <b>“TIME ZONE”</b> on page 48.)
2	Touch to select <b>“On”</b> or <b>“Off”</b> for daylight saving time.

6 Touch **“Save”**.

**INFORMATION**

- If settings are performed while the “POWER” switch is in ACCESSORY mode, the set time will be shown when the switch is turned to ON mode.

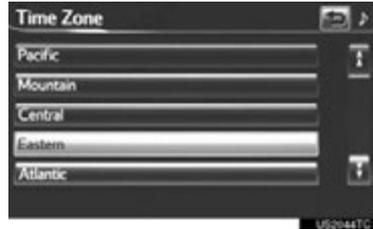
**TIME ZONE**

A time zone can be selected and GMT can be set.

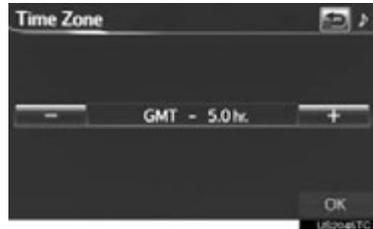
- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“General”** on the “Setup” screen.
- 4 Touch **“Clock”** on the “General Settings” screen.
- 5 Touch **“Time Zone”**.



6 Touch the desired time zone.



- If **“Other”** is touched, the zone can be adjusted manually. Touch **“+”** or **“-”** to adjust the time zone and then touch **“OK”**.

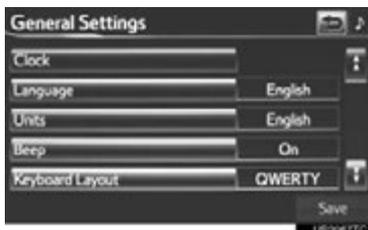


7 Touch **“Save”**.

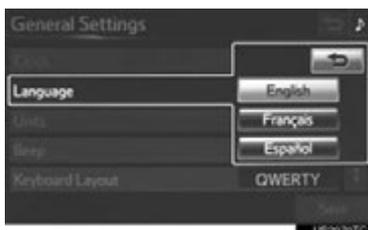
## SELECTING A LANGUAGE

The language can be changed.

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“General”** on the “Setup” screen.
- 4 Touch **“Language”**.



- 5 Touch the desired screen button.

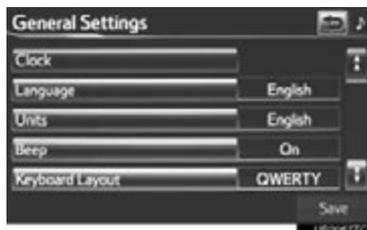


- 6 Touch **“Yes”**.
  - The previous screen will be displayed.
- 7 Touch **“Save”**.

## UNIT OF MEASUREMENT

Distance unit can be changed.

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“General”** on the “Setup” screen.
- 4 Touch **“Units”**.



- 5 Touch **“English”** (mile) or **“Metric”** (km).



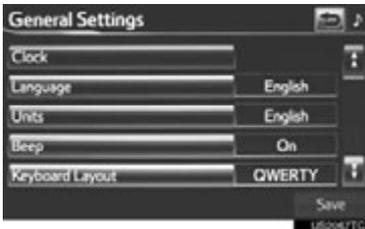
- The previous screen will be displayed.
- 6 Touch **“Save”**.

- This function is available only in English or Spanish. To change language, see “SELECTING A LANGUAGE” on page 49.

## SELECTING A KEYBOARD LAYOUT

Keyboard layout can be changed.

- 1 Press the **"HOME"** button.
- 2 Touch  on the "Main Menu" screen.
- 3 Touch **"General"** on the "Setup" screen.
- 4 Touch **"Keyboard Layout"**.



- 5 Touch **"ABC"** or **"QWERTY"** of "Keyboard Layout" to select a keyboard layout.

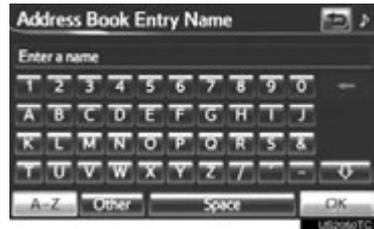


- The previous screen will be displayed.

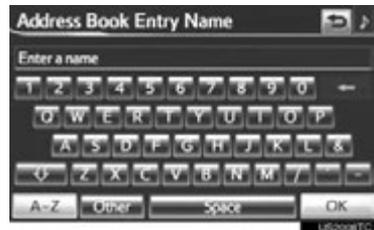
- 6 Touch **"Save"**.

## LAYOUT TYPE

- **"ABC"** type



- **"QWERTY"** type



## DELETING PERSONAL DATA

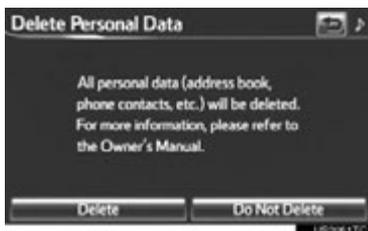
### INFORMATION

- This function is not available while driving.

- 1 Press the **“HOME”** button.
- 2 Touch  on the **“Main Menu”** screen.
- 3 Touch **“General”** on the **“Setup”** screen.
- 4 Touch **“Delete Personal Data”**.



- 5 Touch **“Delete”**.



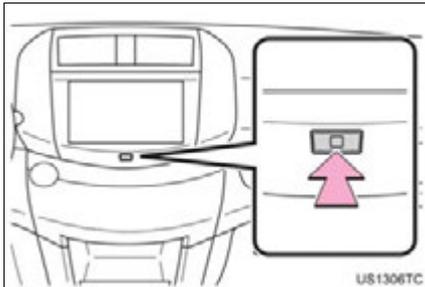
- 6 Touch **“Yes”**.

- The following personal data can be deleted or returned to their default settings:
  - Maintenance conditions
  - Address book
  - Areas to avoid
  - Previous points
  - Route guidance
  - Route trace
  - Phonebook data
  - Call history data
  - Speed dial data
  - Bluetooth® phone data
  - Phone sound settings
  - Phone display settings
  - Message settings
  - Audio setting
  - Bluetooth® audio setting

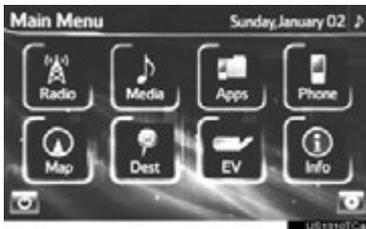
## 2. VOICE SETTINGS

Voice guidance etc. can be set.

- 1 Press the **“HOME”** button.



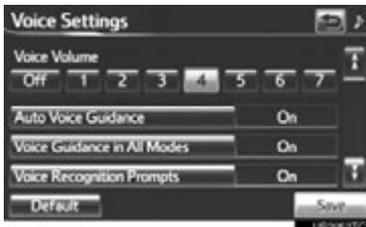
- 2 Touch .



- 3 Touch **“Voice”**.

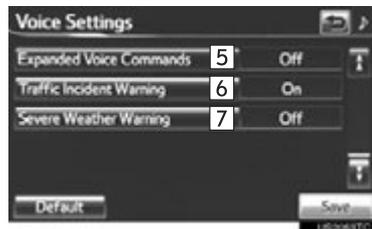
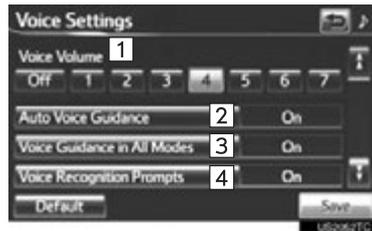


- 4 Touch the items to be set.



- 5 Touch **“Save”**.

## SCREEN FOR VOICE SETTINGS



- On this screen, the following functions can be performed:

No.	Function
1	The voice guidance volume can be adjusted or switched off. (See “VOICE VOLUME” on page 53.)
2	Voice guidance during route guidance can be set to <b>“On”</b> or <b>“Off”</b> .
3	Voice guidance during audio system use can be set to <b>“On”</b> or <b>“Off”</b> .
4	Voice recognition prompts can be set to <b>“On”</b> or <b>“Off”</b> . This setting can also be changed on the “Shortcut Menu” screen. (See page 224.)
5	When <b>“On”</b> is selected, the audio system can be operated using voice commands.
6	When using the traffic information function, voice guidance can be set to <b>“On”</b> or <b>“Off”</b> . (See “TRAFFIC INCIDENT WARNING” on page 53.)

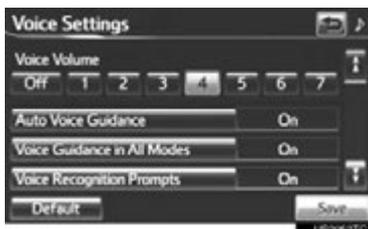
No.	Function
7	When using the XM NavWeather™ function, the severe weather warning can be set to “On” or “Off”.

- To reset all setup items, touch “Default”.

## VOICE VOLUME

The voice guidance volume can be adjusted or switched off.

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Voice” on the “Setup” screen.
- 4 Select the desired level by touching the appropriate number.



- If voice guidance is not needed, touch “Off” to disable the feature.

- 5 Touch “Save”.

## TRAFFIC INCIDENT WARNING

Traffic congestion information can be received via voice guidance while being guided to the desired destination.

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Voice” on the “Setup” screen.
- 4 Touch “On” of “Traffic Incident Warning”.



- 5 Touch “Save”.

### INFORMATION

- When the “Traffic Information” indicator is dimmed, “Avoid Traffic”, “Traffic Incident Warning” and “Show Free Flowing Traffic” will not operate.

# 3

## NAVIGATION SYSTEM

### 1 DESTINATION SEARCH

<b>1. DESTINATION SEARCH.....</b>	<b>56</b>
SELECTING THE SEARCH AREA.....	56
DESTINATION SEARCH BY HOME.....	57
DESTINATION SEARCH BY PRESET DESTINATIONS.....	57
DESTINATION SEARCH BY “Address”.....	58
DESTINATION SEARCH BY “Point of Interest”.....	60
DESTINATION SEARCH BY “Previous Destinations”.....	66
DESTINATION SEARCH BY “Address Book”.....	66
DESTINATION SEARCH BY “Emergency”.....	67
DESTINATION SEARCH BY “Intersection & Freeway”.....	67
DESTINATION SEARCH BY “Map”.....	69
DESTINATION SEARCH BY “Coordinates”.....	70
DELETING SET DESTINATIONS.....	70
<b>2. STARTING ROUTE     GUIDANCE.....</b>	<b>71</b>

# 3

## NAVIGATION SYSTEM

### 2 ROUTE GUIDANCE

1. ROUTE GUIDANCE SCREEN .....	74
2. TYPICAL VOICE GUIDANCE PROMPTS.....	77
3. DISTANCE AND TIME TO DESTINATION .....	80
4. SETTING AND DELETING DESTINATIONS.....	81
ADDING DESTINATIONS .....	81
REORDERING DESTINATIONS.....	81
DELETING DESTINATIONS .....	82
5. SETTING ROUTE .....	83
DETOUR SETTING .....	83
ROUTE OVERVIEW.....	84
ROUTE PREFERENCE .....	85
PAUSING AND RESUMING GUIDANCE .....	86
SHOW ON MAP .....	87
ROUTE TRACE.....	90

### 3 ADDRESS BOOK

1. NAVIGATION SETTINGS .....	92
SETTING UP THE “Home” .....	92
SETTING UP THE “Preset Destinations” .....	94
SETTING UP THE “Address Book” .....	97
SETTING UP THE “Areas to Avoid” ....	102
DELETING PREVIOUS DESTINATIONS.....	106

### 4 SETUP

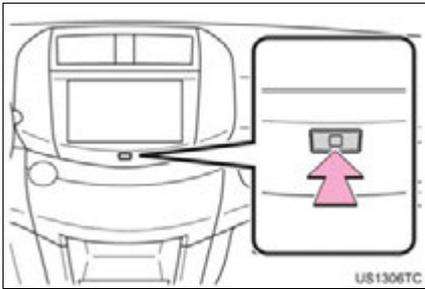
1. DETAILED NAVIGATION SETTINGS.....	107
SCREENS FOR NAVIGATION SETTINGS .....	107
2. VEHICLE SETTINGS .....	114
MAINTENANCE.....	114

### 5 GPS (GLOBAL POSITIONING SYSTEM)

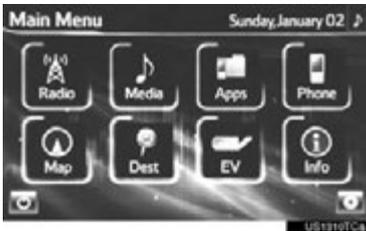
1. LIMITATIONS OF THE NAVIGATION SYSTEM .....	118
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# 1. DESTINATION SEARCH

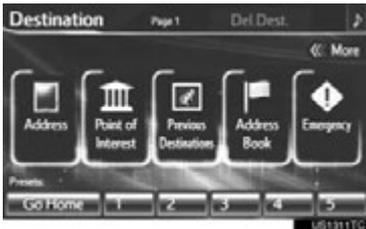
1 Press the “HOME” button.



2 Touch “Dest”.



3 This screen is displayed.



- One of 10 different methods can be used to search a destination. (See pages 57 through 70.)

### INFORMATION

- When searching a destination, the response to the screen button may be slow.
- The driving range available on the current amount of charge remaining in the traction battery can be confirmed on the “Range Map” screen. (For details, refer to the “Owner’s Manual”)

## SELECTING THE SEARCH AREA

The selected state (province) can be changed to set a destination from a different state (province) by using “Address”, “Point of Interest” or “Intersection & Freeway”.

1 Touch “Change State/Province” to display a list of the states/provinces/territories of the United States and Canada.



- For map database information and updates, see “MAP DATABASE VERSION AND COVERAGE AREA” on page 236.
- If a state (province) has not been selected yet, “Select State/Province” is displayed.

2 Touch the desired state (province).



- The previous screen will be displayed.

## DESTINATION SEARCH BY HOME

- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the **“Main Menu”** screen.
- 3 Touch **“Go Home”**.



- Your home address is set as the destination. The navigation system performs a search for the route.

- 4 Touch **“OK”**.

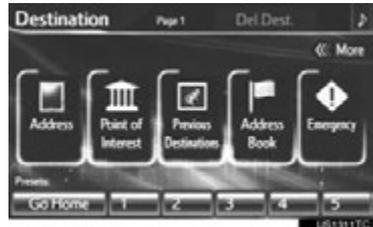
- To use this function, it is necessary to set a home address. (To register home, see page 93.)

### INFORMATION

- If a home address has not been registered, a message confirming if it is desirable to set a home will be displayed, and the setting screen will appear.
- Guidance starts from the current position to the set home address if **“OK”** is touched even while driving.

## DESTINATION SEARCH BY PRESET DESTINATIONS

- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the **“Main Menu”** screen.
- 3 Touch any of the preset destination buttons (**1-5**) on the **“Destination”** screen.



- The selected preset destination point is set as the destination. The navigation system performs a search for the route. (See **“STARTING ROUTE GUIDANCE”** on page 71.)

- 4 Touch **“OK”**.

- To use this function, it is necessary to set preset destinations to the preset screen buttons (**1-5**). (See **“REGISTERING PRESET DESTINATIONS”** on page 95.)

### INFORMATION

- If a preset destination point has not been registered, a message confirming if it is desirable to set a preset destination will be displayed, and the setting screen will appear.
- Guidance starts from the current position to the preset destination point if **“OK”** is touched even while driving.

## DESTINATION SEARCH BY "Address"

There are 2 methods to search a destination by address:

- (a) Search by city
- (b) Search by street address

- 1 Press the **"HOME"** button.
- 2 Touch **"Dest"** on the "Main Menu" screen.
- 3 Touch **"Address"** on the "Destination" screen.
- 4 Touch a screen button to select the desired search method.



## SELECTING A CITY TO SEARCH

- 1 Press the **"HOME"** button.
- 2 Touch **"Dest"** on the "Main Menu" screen.
- 3 Touch **"Address"** on the "Destination" screen.
- 4 Touch **"City"**.



- 5 Input a city name.



- 6 Touch the screen button of the desired city name from the displayed list.



- 7 Input the street name and touch **"OK"**.

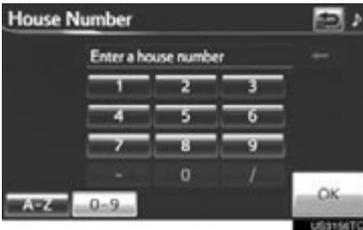


- 8 When the desired street name is found, touch the corresponding screen button.



- When the desired street name is selected, the “Confirm Destination” screen may be displayed. If “Go” is touched on the “Confirm Destination” screen, the navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)

## 9 Input a house number.



- If the same address exists in more than one city, the current screen changes to the address list screen.

## SEARCHING FROM THE LAST 5 CITIES

### 1 Touch “Last 5 Cities”.



### 2 Touch the screen button of the desired city name from the displayed list.



- The current screen changes to the screen for inputting a street name. (See “SELECTING A CITY TO SEARCH” on page 58.)

## INFORMATION

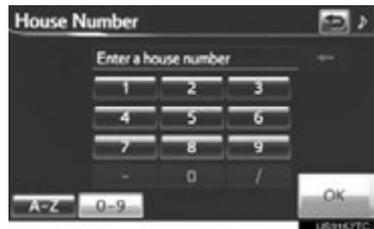
- If the navigation system has never been used, this function will not be available.

## SEARCH BY STREET ADDRESS

- Press the “HOME” button.
- Touch “Dest” on the “Main Menu” screen.
- Touch “Address” on the “Destination” screen.
- Touch “Street Address”.



- Touch numbers directly on the screen to input the house number.

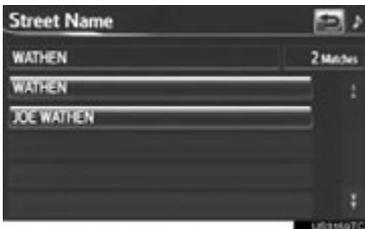


- After inputting the house number, touch “OK” to display the screen for inputting the street name.

- 6 Input the street name and touch “OK”.



- 7 When the desired street name is found, touch the corresponding screen button.



- When the desired street name is selected, the “Confirm Destination” screen may be displayed. If “Go” is touched on the “Confirm Destination” screen, the navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)
- If the same address exists in more than 1 city, a screen requesting the city name to be input or selected will be displayed.

- 8 Input a city name.



- 9 Touch the screen button of the desired city name from the displayed list.



#### INFORMATION

- A street name can be searched using only the body part of its name.
- For example: S WESTERN AVE
  - A search can be performed by inputting “S WESTERN AVE”, “WESTERN AVE” or “WESTERN”.

#### DESTINATION SEARCH BY “Point of Interest”

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

- (a) Search by name
- (b) Search by category
- (c) Search by phone #

- 1 Press the “HOME” button.
- 2 Touch “Dest” on the “Main Menu” screen.
- 3 Touch “Point of Interest” on the “Destination” screen.

- 4 Touch a screen button to select the desired search method.



### SEARCH BY "Name"

- 1 Press the "HOME" button.
- 2 Touch "Dest" on the "Main Menu" screen.
- 3 Touch "Point of Interest" on the "Destination" screen.
- 4 Touch "Name" on the "Point of Interest" screen.
- 5 Input the name of the POI.



- 6 Touch the screen button of the desired destination.



- When the desired destination is selected, the "Confirm Destination" screen may be displayed. If "Go" is touched on the "Confirm Destination" screen, the navigation system performs a search for the route. (See "STARTING ROUTE GUIDANCE" on page 71.)
  - When inputting the name of a specific Point of Interest, and there are 2 or more sites with the same name, the list screen is displayed.
- 7 Touch the screen button of the desired destination.



- If the same name exists in more than one city, a search can be performed more easily using "City" or "Category". (See "SELECTING A CITY TO SEARCH" on page 62 and "SELECTING FROM THE CATEGORIES" on page 62.)

- The desired Point of Interest can be displayed on the map screen. (See "DISPLAY POI ICONS" on page 87.)

### INFORMATION

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

## SELECTING A CITY TO SEARCH

1 Touch “City”.



2 Input the city name.



• To cancel the city setting, touch “Any City”.

3 Touch the screen button of the desired city name from the displayed list.

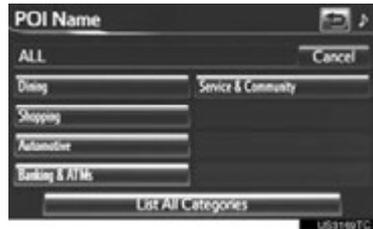


## SELECTING FROM THE CATEGORIES

1 Touch “Category”.



2 Touch the screen button of the desired category.



• If the desired POI category is on the screen, touch its screen button to display a detailed list of the POI category.

• If the desired POI category is not on the screen, touch “List All Categories” to list all POI categories.



• When the desired category is touched, the POI name list screen is displayed.

## SEARCH BY “Category”

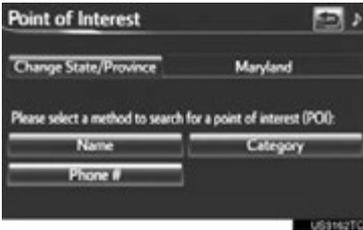
The destination can be set by touching the search point and the POI category.

1 Press the “HOME” button.

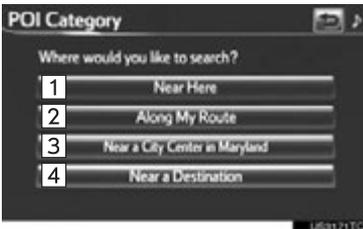
2 Touch “Dest” on the “Main Menu” screen.

3 Touch “Point of Interest” on the “Destination” screen.

#### 4 Touch “Category”.



#### 5 This screen is displayed.



- On this screen, the following operations can be performed:

No.	Function
1	Touch to set the search point from near the current position.
2	Touch to set the search point from along the selected route.
3	Touch to set the search point from near a city center.
4	Touch to set the search point from near a destination.

#### INFORMATION

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

#### ■ SETTING THE SEARCH POINT FROM NEAR HERE

##### 1 Touch “Near Here”.

- The search point is set at the current position, and the “POI Category” screen will be displayed. (See page 64.)

#### ■ SETTING THE SEARCH POINT FROM ALONG MY ROUTE

##### 1 Touch “Along My Route”.

- The search point is set and the “POI Category” screen will be displayed. (See page 64.)

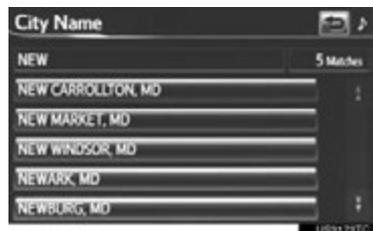
#### ■ SETTING THE SEARCH POINT FROM NEAR CITY CENTER

##### 1 Touch “Near a City Center in XX\*”.

##### 2 Input the city center name.



##### 3 Touch the screen button of the desired city center name.



- The search point is set and the “POI Category” screen will be displayed. (See page 64.)

### ■ SELECTING FROM THE LAST 5 CITIES

- 1 Touch “Near a City Center in XX”.
- 2 Touch “Last 5 Cities”.



- 3 Touch the screen button of the desired city center name.



- The search point is set and the “POI Category” screen will be displayed. (See page 64.)
- \*: XX represents the selected search area name.

### ■ SETTING THE SEARCH POINT FROM NEAR A DESTINATION

- 1 Touch “Near a Destination”.
- 2 Touch the screen button of the desired destination.



- The search point is set and the “POI Category” screen will be displayed. (See page 64.)

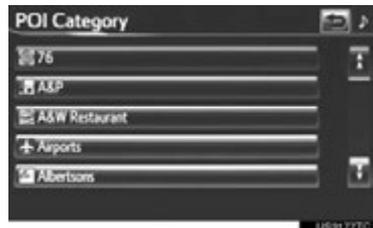
### ■ TO SEARCH FOR POIS NEAR THE SEARCH POINT

When the search point is set, the “POI Category” screen will be displayed.

- 1 Touch the desired POI category.



- If the desired POI category is not on the screen, touch “List All Categories” to list all POI categories.
  - If “Favorite POI Categories” is touched, a search can be performed using the 6 POIs that have been previously set. For more details, see “POI CATEGORY CHANGE (SELECT POI ICONS)” on page 110.
- 2 Touch the desired POI category from the list.



- 3 Touch the screen button of the desired item.



- When the desired item is selected, the “Confirm Destination” screen may be displayed. If “Go” is touched on the “Confirm Destination” screen, the navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)

### SEARCH BY “Phone #”

- 1 Press the “HOME” button.
- 2 Touch “Dest” on the “Main Menu” screen.
- 3 Touch “Point of Interest” on the “Destination” screen.
- 4 Touch “Phone #” on the “Point of Interest” screen.
- 5 Input a phone number.



- 6 After inputting a phone number, touch “OK”.

- When a phone number is input, the “Confirm Destination” screen may be displayed. If “Go” is touched on the “Confirm Destination” screen, the navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)
- If there is more than one site with the same number, the following screen will be displayed.



- To set an address book entry as a destination using the phone number, the number must already be registered with the address book entry. (See page 98.)

### INFORMATION

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

## DESTINATION SEARCH BY “Previous Destinations”

- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the “Main Menu” screen.
- 3 Touch **“Previous Destinations”** on the “Destination” screen.
- 4 Touch the screen button of the desired destination.



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

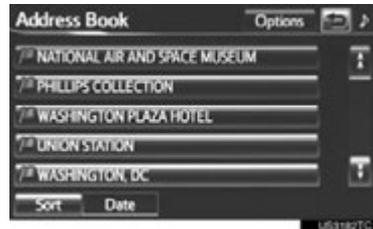
**“Delete”**: Touch to delete the previous destination. (To delete previous destinations, see page 70.)

- When the desired destination is selected, the “Confirm Destination” screen may be displayed. If **“Go”** is touched on the “Confirm Destination” screen, the navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)

- The list of previous destinations can also be deleted by touching **“Delete Previous Dest.”** on the “Navigation Settings” screen when the vehicle is stopped. (See “DELETING PREVIOUS DESTINATIONS” on page 106.)

## DESTINATION SEARCH BY “Address Book”

- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the “Main Menu” screen.
- 3 Touch **“Address Book”** on the “Destination” screen.
- 4 Touch the screen button of the desired address book entry.



- A list of registered address book entries is displayed.

**“Options”**: Touch to register or edit address book entries. (See page 98.)

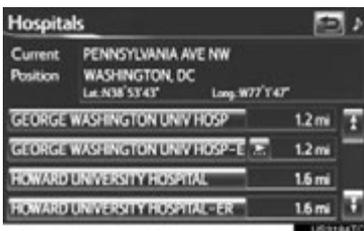
- When the desired address book entry is selected, the “Confirm Destination” screen may be displayed. If **“Go”** is touched on the “Confirm Destination” screen, the navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)

## DESTINATION SEARCH BY “Emergency”

- 1 Press the **“HOME”** button.
  - 2 Touch **“Dest”** on the **“Main Menu”** screen.
  - 3 Touch **“Emergency”** on the **“Destination”** screen.
- The display changes to a screen to select police stations, dealers, hospitals or fire stations.
- 4 Touch the desired emergency category.



- The selected emergency category is displayed.
- 5 Touch the screen button of the desired destination.



- When the desired destination entry is selected, the **“Confirm Destination”** screen may be displayed. If **“Go”** is touched on the **“Confirm Destination”** screen, the navigation system performs a search for the route. (See **“STARTING ROUTE GUIDANCE”** on page 71.)

## INFORMATION

- The navigation system does not guide in areas where route guidance is unavailable. (See page 119.)
- The emergency function can be used even while driving.
- While driving, only the currently displayed items and the items on the next page can be viewed.

## DESTINATION SEARCH BY “Intersection & Freeway”

There are 2 methods to search a destination by Intersection & Freeway:

- (a) Search by intersection
- (b) Search by freeway

- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the **“Main Menu”** screen.
- 3 Touch **“Intersection & Freeway”** on the second page of the **“Destination”** screen.
- 4 Touch a screen button to select the desired method.

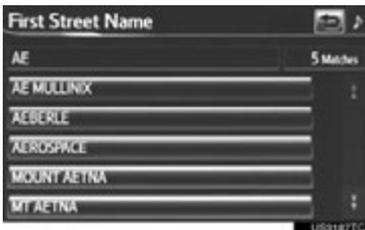


**SEARCH BY “Intersection”**

- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the “Main Menu” screen.
- 3 Touch **“Intersection & Freeway”** on the second page of the “Destination” screen.
- 4 Touch **“Intersection”** on the “Intersection & Freeway” screen.
- 5 Input the name of the first intersecting street which is located near the destination to be set, and touch **“OK”**.



- 6 Touch the screen button of the desired item.



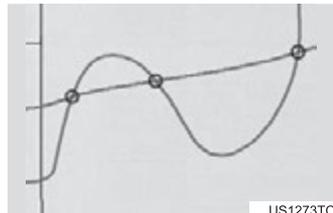
- 7 Input the name of the second intersecting street.



- 8 Touch the screen button of the desired item.



- When the desired item is selected, the “Confirm Destination” screen may be displayed. If **“Go”** is touched on the “Confirm Destination” screen, the navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)

**INFORMATION**

US1273TC

- If the same 2 streets cross at more than one intersection, the screen changes and displays the menu to select the city name where the streets intersect. Select the city, and the map location of the selected destination and the route preference. (See “STARTING ROUTE GUIDANCE” on page 71.)

**SEARCH BY “Freeway Entrance / Exit”**

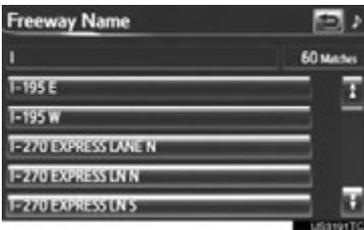
- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the “Main Menu” screen.
- 3 Touch **“Intersection & Freeway”** on the second page of the “Destination” screen.

4 Touch **“Freeway Entrance / Exit”** on the **“Intersection & Freeway”** screen.

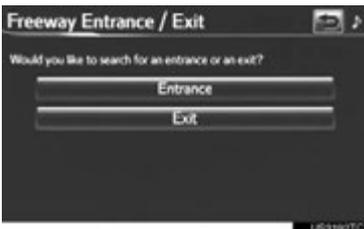
5 Input a freeway name.



6 Touch the screen button of the desired freeway.



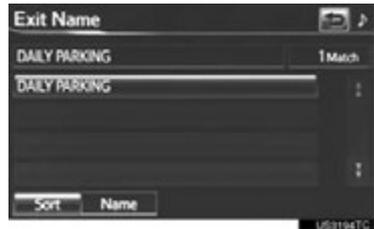
7 Either a freeway **“Entrance”** or **“Exit”** can be selected.



8 Input a freeway entrance or exit name, and touch **“OK”**.



9 Touch the screen button of the desired entrance or exit name.



• When the desired entrance or exit is selected, the **“Confirm Destination”** screen may be displayed. If **“Go”** is touched on the **“Confirm Destination”** screen, the navigation system performs a search for the route. (See **“STARTING ROUTE GUIDANCE”** on page 71.)

#### INFORMATION

• Be sure to use the complete name of the freeway or highway, including the hyphen, when entering the destination. Freeways and interstates use an **“I”** (I-405). US highways use the state designation before the number (CA-118).

## DESTINATION SEARCH BY “Map”

1 Press the **“HOME”** button.

2 Touch **“Dest”** on the **“Main Menu”** screen.

3 Touch **“Map”** on the second page of the **“Destination”** screen.

4 Scroll the map to the desired point.



**5** Touch **“Go to”**.

- The navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)
- Guidance starts if **“OK”** is touched even while driving. However, the cursor cannot be moved.

## DESTINATION SEARCH BY “Coordinates”

- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the “Main Menu” screen.
- 3 Touch **“Coordinates”** on the second page of the “Destination” screen.
- 4 Input the latitude and the longitude.



- 5 After inputting the latitude and longitude, touch **“OK”**.
  - When the desired screen button is selected, the “Confirm Destination” screen may be displayed. If **“Go”** is touched on the “Confirm Destination” screen, the navigation system performs a search for the route. (See “STARTING ROUTE GUIDANCE” on page 71.)

## DELETING SET DESTINATIONS

A set destination can be deleted.

- 1 Press the **“HOME”** button.
- 2 Touch **“Dest”** on the “Main Menu” screen.

- 3 Touch **“Del.Dest.”** on the “Destination” screen.
  - When more than one destination is set, a list will be displayed on the screen.
- 4 Touch the destination to be deleted.



**“Delete All”**: Touch to delete all destinations on the list.

- 5 Touch **“Yes”** to delete the destination(s).



- A message appears to confirm the request to delete.
- If **“Yes”** is touched, the data cannot be recovered. If more than 1 destination has been set, the system will recalculate the route(s) to the set destination(s) as necessary.
- If **“No”** is touched, the previous screen will be displayed.

- Set destinations can also be deleted by touching **“Route”**. (See “DELETING DESTINATIONS” on page 82.)

## 2. STARTING ROUTE GUIDANCE

When “Map” is touched on the “Confirm Destination” screen, the map screen will be displayed. The map location of the selected destination can be set as a destination.

1 Scroll the map to the desired point.



2 Touch “Go to”.

- The system starts route search and displays recommended routes.

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

“Go to”: Touch to delete the existing destination(s) and set a new one.

“Add to Route”: Touch to add a destination.

“Info”: If this screen button is displayed on the top of the screen, touch it to view items such as name, address, position and phone number.

3 To start guidance, touch “OK”.



No.	Function
1	Current position
2	Destination point
3	Type of route and its distance
4	Distance of the entire route

Screen button	Function
“Turn List”	Touch to display a list of the turns required to reach the destination.
“3 Routes”	Touch to select the desired route from 3 possible routes. (See page 72.)
“Edit Route”	Touch to change the route. (See page 73.)

- Guidance can be paused or resumed. (See “PAUSING AND RESUMING GUIDANCE” on page 86.)

- If “OK” is touched until a beep sounds, demo mode will start. Press the “HOME” button to end demo mode.

### ⚠ CAUTION

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

**INFORMATION**

- The route for returning may not be the same as that for going.
- The route guidance to the destination may not be the shortest route nor a route without traffic congestion.
- Route guidance may not be available if there is no road data for the specified location.
- When setting the destination on a map with a scale larger than 0.5 miles (800 m), the map scale changes to 0.5 miles (800 m) automatically. If this occurs, set the destination again.
- If a destination that is not located on a road is set, the vehicle will be guided to the point on a road nearest to the destination. The road nearest to the point selected is set as the destination.

Screen button	Function
“Preferred”	Touch to display the recommended route.
“Alternate”	Touch to display the alternative route.
“Short”	Touch to display the route that is the shortest distance to the set destination.
“Info”	Touch to display the information shown below about each of the 3 routes.

**3 ROUTES SELECTION**

- 1 Touch “3 Routes” to select the desired route from 3 routes.



- 2 Touch “Preferred”, “Alternate” or “Short” to select the desired route.



	Preferred	Alternate	Short
1	1 hr 3 min	1 hr 8 min	1 hr 14 min
2	60 mi	63 mi	55 mi
3			
4	53 mi	54 mi	32 mi
5			

No.	Function
1	Time necessary for the entire trip
2	Distance of the entire trip
3	Toll road
4	Freeway
5	Ferry

## EDIT ROUTE

Conditions for the route to the destination can be set again.

### 1 Touch “Edit Route”.



### 2 This screen is displayed.



## INFORMATION

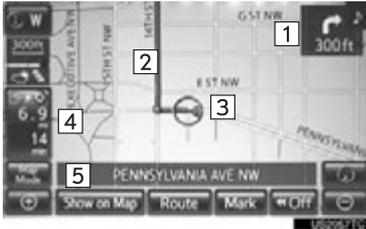
- Even if the “Freeways” indicator is dimmed, the route cannot avoid including a freeway in some cases.
- If the calculated route includes a trip by ferry, the route guidance shows a sea route. After you travel by ferry, the current position may be incorrect. Upon reception of GPS signals, it is automatically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

Screen button	Function	Page
“Add”	Touch to add destinations.	81
“Delete”	Touch to delete destinations.	82
“Reorder”	Touch to reorder destinations.	81
“Preferences”	Touch to display the choices available when setting the conditions the system uses to determine the route to the destination.	85

# 1. ROUTE GUIDANCE SCREEN

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

## SCREEN LAYOUT



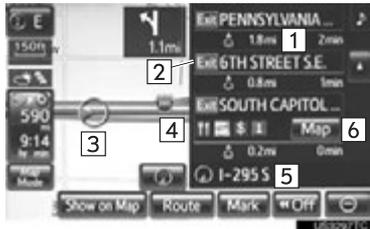
No.	Function
1	Distance to the next turn and an arrow indicating the turning direction
2	Guidance route
3	Current position
4	Distance and travel/arrival time to the destination
5	Current street name

### INFORMATION

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

## DURING FREEWAY DRIVING

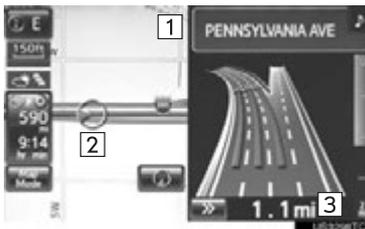
During freeway driving, the freeway exit information screen will be displayed. This screen displays the distance to the next junction/exit, or POIs in the vicinity of the freeway exit.



No./Icon	Function
1	Distance from the current position to the exit or junction
2	Exit number and junction name
3	Current position
4	Points of Interest that are close to a freeway exit
5	Current street name
6	Touch to display the selected map of the exit vicinity.
	Touch to scroll to farther junctions or exits.
	Touch to scroll to closer junctions or exits.
	Touch to display the closest 3 junctions or exits.

## WHEN APPROACHING A FREEWAY EXIT OR JUNCTION

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



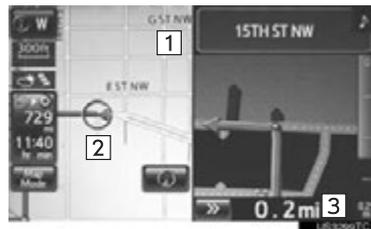
No.	Function
1	Next street name
2	Current position
3	Distance from the current position to the exit or junction

» : Touch to hide the freeway guidance screen.

- Touch “**Intersection**”, or press the “**HOME**” button and touch “**Map**”, to change back to the freeway guidance screen.

## WHEN APPROACHING AN INTERSECTION

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



No.	Function
1	Next street name
2	Current position
3	Distance to the intersection

» : Touch to hide the intersection guidance screen.

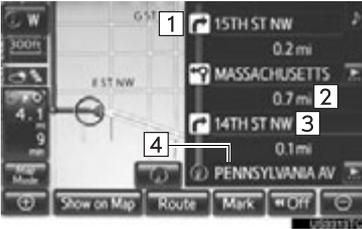
- Touch “**Intersection**”, or press the “**HOME**” button and touch “**Map**”, to change back to the intersection guidance screen.

**OTHER SCREENS**

**TURN LIST SCREEN**

On this screen, the list of turns on the guidance route can be viewed.

- 1 Touch “**Turn List**” during guidance to display the turn list.

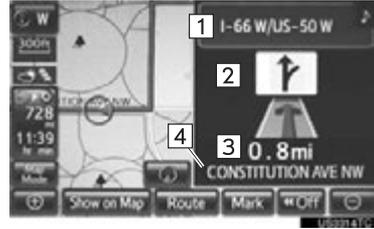


No.	Function
1	Turn direction
2	Distance between turns
3	Next street or destination name
4	Current street name

**ARROW SCREEN**

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

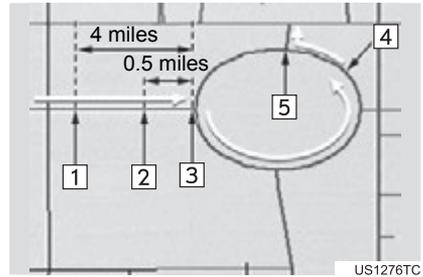
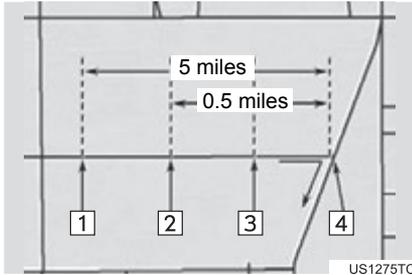
- 1 Touch “**Turn-by-Turn Arrow**” during guidance to display the arrow screen.



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

## 2. TYPICAL VOICE GUIDANCE PROMPTS

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



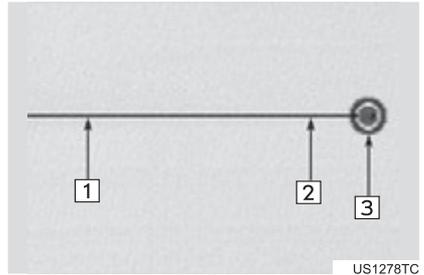
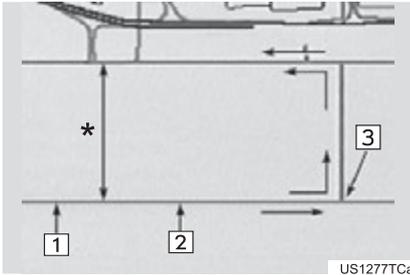
No.	Voice guidance
1	"Proceed about 5 miles to Main street."
2	"In half of a mile, right turn onto Main street."
3	"Next right."/ "Right turn ahead."
4	(Beep sound only)

No.	Voice guidance
1	"Proceed about 4 miles to the traffic circle."
2	"In half of a mile, traffic circle ahead and then the 3rd exit onto Main street."
3	"The 3rd exit ahead."
4	"The exit ahead."
5	(Beep sound only)

3 NAVIGATION SYSTEM

**INFORMATION**

- The street names may not be pronounced correctly or clearly due to 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.



\*: The system indicates a U-turn if the distance between two one-way roads (of opposite directions) is less than 50 feet (15 m) in residential areas or 164 feet (50 m) in non-residential areas.

- The system announces the approach to the final destination.

No.	Voice guidance
1	“In half of a mile, make a legal U-turn.”
2	“Make a legal U-turn ahead.”
3	(Beep sound only)

No.	Voice guidance
1	“In half of a mile, your destination is ahead.”
2	“Your destination is ahead.”
3	“You have arrived at your destination. The route guidance is now finished.”

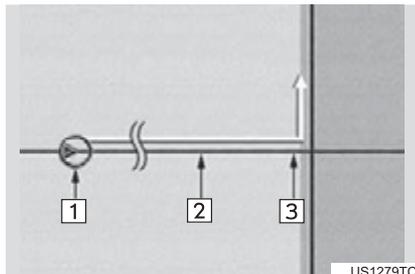
- If a voice guidance command cannot be heard, touch  on the map screen to hear it again.
- To adjust the voice guidance volume, see “VOICE VOLUME” on page 53.

**INFORMATION**

- If the system cannot determine the current position correctly (in cases of poor GPS signal reception), the voice guidance may be early or late.

## ■ ROUTES INCLUDING IPD ROADS

Even when on IPD roads (roads that are not completely digitized in our database), you will be guided along the searched route via voice guidance.



- After it has made a route calculation, the system will advise the user whether IPD roads are included in the route or not.
- The portion of the route that covers IPD roads is indicated by light blue.

No.	Voice guidance
1	"On the way to your destination, there will be roads with incomplete data."
2	"In half of a mile, left turn."
3	"Next left. Upcoming roads have incomplete data. Please carefully observe the local traffic restrictions, as they may not match the navigation guidance."

- IPD roads are roads that are not yet completely digitized in our database. However, their geometry, name and administrative coding are already known.

## ⚠ CAUTION

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

### 3. DISTANCE AND TIME TO DESTINATION

When the vehicle is on the guidance route, the distance and the estimated travel/arrival time to the destination are displayed. When the vehicle is not on the guidance route, the distance and direction of the destination are displayed.

When driving on the guidance route with more than one destination set, the distance and estimated travel/arrival time from the current position to each destination are displayed.

- 1 Touch the screen button indicated by the arrow.



- 2 Touch the number screen button to display the desired destination.



- The distance, estimated travel time and estimated arrival time from the current position to the selected destination are displayed.

Icon	Function
	Estimated travel time is displayed.
	Estimated arrival time is displayed.
	Touch to switch to estimated arrival time.
	Touch to switch to estimated travel time.
	Displayed while driving off the guidance route. The destination direction is indicated by an arrow.

**INFORMATION**

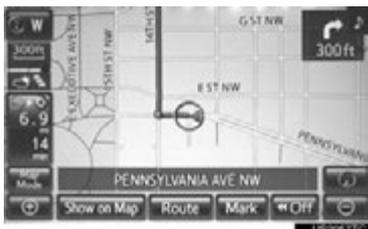
- When the vehicle is on the guidance route, the distance measured along the route is displayed. Travel time and arrival time are calculated based on the set vehicle speed information. (See "DRIVING SPEEDS" on page 108.) However, when the vehicle is not on the guidance route, the distance is the linear distance between the current position and the destination.

## 4. SETTING AND DELETING DESTINATIONS

## ADDING DESTINATIONS

Destinations can be added and routes can be searched again.

- 1 Touch **“Route”**.



- 2 Touch **“Add”**.



- 3 Input an additional destination in the same way as a destination search. (See **“DESTINATION SEARCH”** on page 56.)

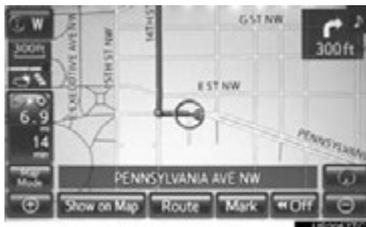
- 4 Touch the desired **“Add Destination Here”** to insert the new destination into the route.



## REORDERING DESTINATIONS

When more than one destination is set, the arrival order of the destinations can be changed.

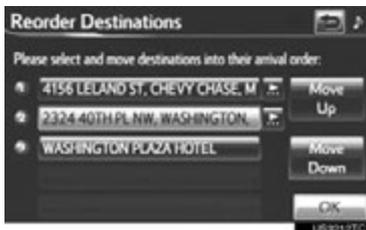
- 1 Touch **“Route”**.



- 2 Touch **“Reorder”**.



- 3 Touch the desired destination and touch **“Move Up”** or **“Move Down”** to change the arrival order.



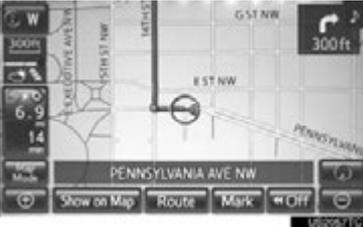
- 4 After selecting the destinations, touch **“OK”**.

- The system searches for the guidance route again, and displays the entire route.

## DELETING DESTINATIONS

A set destination can be deleted.

1 Touch **“Route”**.

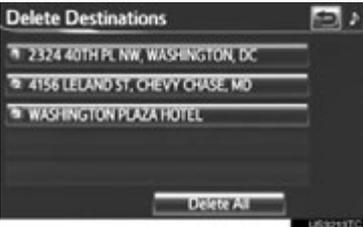


2 Touch **“Delete”**.



• When more than one destination is set, a list will be displayed on the screen.

3 Touch the destination to be deleted.



**“Delete All”**: Touch to delete all destinations on the list.

• A message appears to confirm the request to delete.

4 Touch **“Yes”** to delete the destination(s).

• If **“Yes”** is touched, the data cannot be recovered. If more than 1 destination has been set, the system will recalculate the route(s) to the set destination(s) as necessary.

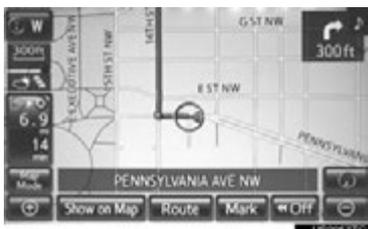
• If **“No”** is touched, the previous screen will be displayed.

## 5. SETTING ROUTE

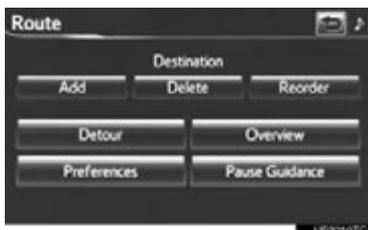
## DETOUR SETTING

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

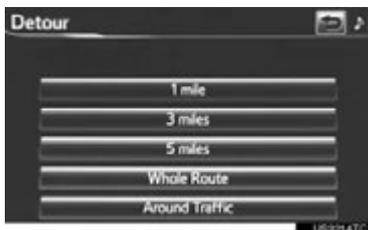
- 1 Touch **“Route”**.



- 2 Touch **“Detour”**.



- 3 Touch a screen button to select the desired detour distance.

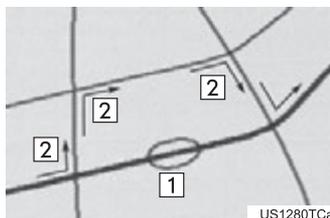


**“1 mile (km)”**, **“3 miles (km)”** or **“5 miles (km)”**: Touch one of these screen buttons to start the detour process. After detouring, the system returns to the original guidance route.

**“Whole Route”**: Touch to make the system calculate an entire new route to the destination.

**“Around Traffic”**: Touch to make the system search for the route based on the traffic congestion information received from XM NavTraffic®. For details, see “XM NavTraffic®” on page 247.

## INFORMATION



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

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

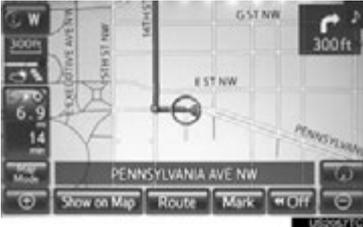
2 This route indicates the detour suggested by the system.

- When the vehicle is on a freeway, the detour distance selections are 5, 15 and 25 miles (or 5, 15 and 25 km if units are in km).

- The system may not be able to calculate a detour route depending on the selected distance and surrounding road conditions.

## ROUTE OVERVIEW

- 1 Touch **“Route”**.



- 2 Touch **“Overview”**.



- 3 The entire route from the current position to the destination is displayed.



Screen button	Function
“OK”	Touch to start guidance.
“Turn List”	Touch to display a list of the turns required to reach the destination.

## TURN LIST

- 1 Touch or to skip to the next page of the list of roads. Touch and hold or to scroll through the list of roads.



: This mark indicates the direction in which you should turn at the intersection.

**“Map”**: The selected point is displayed on the map screen.



### INFORMATION

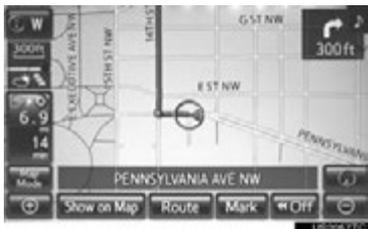
- However, not all road names in the route may appear on the list. If a road changes its name without requiring a turn (such as on a street that runs through 2 or more cities), the name change will not appear on the list. The street names will be displayed in order from the starting point, along with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

## ROUTE PREFERENCE

### TO SELECT ROUTE TYPE

The Preferred, Short or Alternative route can be selected.

- 1 Touch **“Route”**.



- 2 Touch **“Preferences”**.



- 3 Touch **“Preferred”, “Short” or “Alternate”** and touch **“OK”**.



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



**“OK”**: Touch to start guidance.

**“Edit Route”**: Touch to change a route. (See page 73.)

### TO SELECT ROUTE FEATURES

A number of choices are available when setting the conditions the system uses to determine the route to the destination.

- 1 Touch **“Route”**.



- 2 Touch **“Preferences”** to display conditions that can be selected when the system determines the route to the destination.



- 3 Select the desired route preference by touching the screen button.

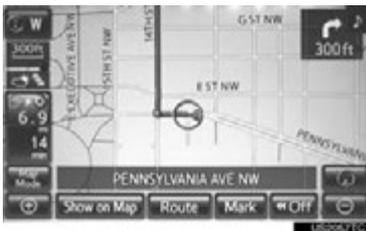


- The system will avoid using routes that include items whose indicators are off.
- 4 After selecting the desired route preference, touch “OK”.

### STARTING ROUTE FROM ADJACENT ROAD

The route guidance can be started from an adjacent road.  
(e.g. When route guidance is set on the freeway, but the vehicle is driven parallel along the freeway.)

- 1 Touch “Route”.



- 2 Touch “Preferences”.



- 3 Touch “Start from Adjacent Road”.



#### INFORMATION

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

### PAUSING AND RESUMING GUIDANCE

#### TO PAUSE GUIDANCE

- 1 Touch “Route”.



- 2 Touch “Pause Guidance”.



- The screen will return to the current position map without route guidance.

#### INFORMATION

- Without route guidance, “Pause Guidance” cannot be used.

## TO RESUME GUIDANCE

- 1 Touch **“Route”**.



- 2 Touch **“Resume Guidance”**.



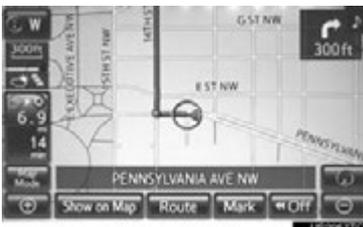
- The map screen, with the current position displayed, will be returned to.

## SHOW ON MAP

### DISPLAY POI ICONS

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

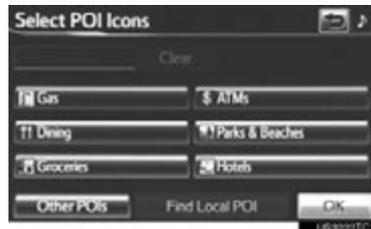
- 1 Touch **“Show on Map”**.



- 2 Touch **“Select POI”** to display a particular type of POI icon on the screen.



- When the POI icons to be displayed on the map screen have already been set, **“Change POI”** is displayed.

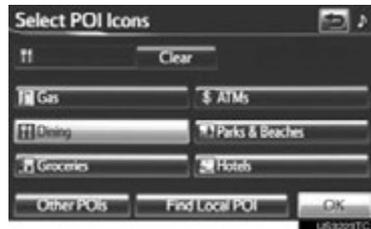


- A screen with a limited choice of Points of Interest will be displayed. (To change the displayed POI list, see page 110.)

### SELECTING POI ICONS TO BE DISPLAYED

Up to 5 categories of icons can be displayed on the map screen.

- 1 Touch the desired Point of Interest category to display POI location icons on the map screen.



- By touching the desired POI category and then touching “OK”, the selected POI icons are displayed on the map screen.

- To turn off the Points of Interest icons on the map screen, touch “Clear”.

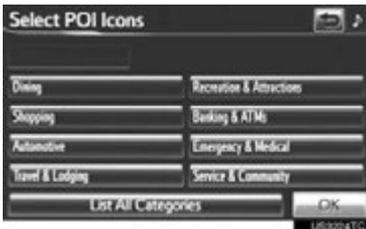
“Other POIs”: Touch to display other Points of Interest categories if the desired Points of Interest cannot be found on the limited choice screen.

“Find Local POI”: Touch to search for the nearest POIs. Then select one of the categories. The system will list the points within 20 miles (32 km). (See page 88.)

**2** Touch “Other POIs” on the “Select POI Icons” screen.

- When a POI category is selected from either the limited list or the complete list, the icons of those locations will be displayed on the map screen.

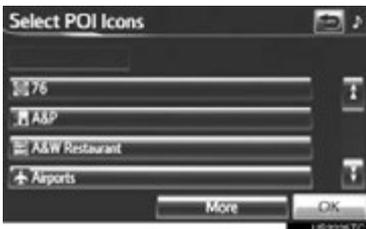
**3** Touch the desired POI categories.



- The selected category’s icon will appear on the top left of the screen.

- By touching the desired POI category and then touching “OK”, the selected POI icons are displayed on the map screen.

- If the desired POI category is not on the screen, touch “List All Categories” to list all POI categories.



- Touch the desired POI categories from the list.

- The selected category icon appears on the top left of the screen.

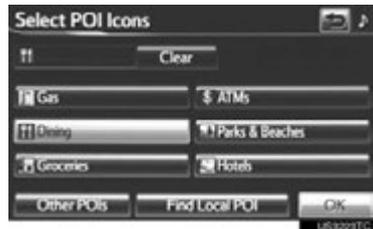
- By touching the desired POI category and then touching “OK”, the selected POI icons are displayed on the map screen.

- To return to the POI category selection screen, touch “More”.

### TO DISPLAY THE LOCAL POI LIST

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

**1** Touch “Find Local POI”.



**2** Touch the screen button of the desired Point of Interest.



- The selected Points of Interest are displayed on the map screen.

“Near...”: Touch to search for Points of Interest near the current position or along the route.

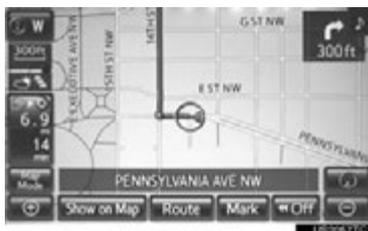


Screen button	Function
"Near Here"	Touch to display the list of Points of Interest near the current position.
"Along My Route"	Touch to display the list of Points of Interest along the route.

## DISPLAY CHARGING STATION POI ICONS

Charging station POI icons can be displayed on the map screen. Their location can also be set as a destination and used for route guidance.

### 1 Touch "Show on Map".



### 2 Touch "Charging Station POI" to display charging station POI icons on the screen.



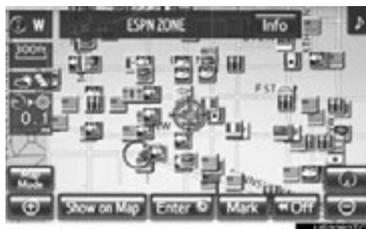
### INFORMATION

- By using "Apps", charging stations in the surrounding area can be searched and set as a destination. (See "SEARCHING CHARGING STATIONS" on page 258.)

## TO SET A POI AS A DESTINATION

One of the Point of Interest icons can be selected on the map screen as a destination and can be used for route guidance.

### 1 Directly touch the desired Point of Interest icon to set it as a destination.



- The map will shift so that the icon is centered on the screen and overlaps with the cursor. At this time, the distance from the current position is displayed on the screen. The distance shown is measured as a straight line from the current position to the POI.

- 2 When the desired Point of Interest overlaps with the cursor, touch **“Enter”** .
- The screen changes and displays the map location of the selected destination and route preference. (See **“STARTING ROUTE GUIDANCE”** on page 71.)

**TO HIDE POI ICONS**

- 1 Touch **“Show on Map”**.



- 2 Touch **“POI Icons”** or **“Charging Station POI”**.



- The indicator is dimmed.
- The map screen will be displayed with the POI icons hidden.
- To display the POI icons again, touch **“POI Icons”** or **“Charging Station POI”** on the **“Show on Map”** screen.

**ROUTE TRACE**

Up to 124 miles (200 km) of the traveled route can be stored and retraced on the display.

**INFORMATION**

- This feature is available when the map scale is more than 30 miles (50 km).

**TO START RECORDING THE ROUTE TRACE**

- 1 Touch **“Show on Map”**.



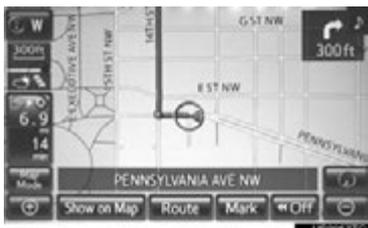
- 2 Touch **“Route Trace”**.



- The **“Route Trace”** indicator is highlighted.

## TO STOP RECORDING THE ROUTE TRACE

- 1 Touch **“Show on Map”**.



- 2 Touch **“Route Trace”**.



- Touching **“Yes”** stops recording and the route trace remains displayed on the screen.
- Touching **“No”** stops recording and the route trace is erased.

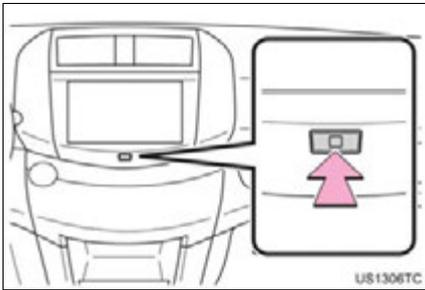
# 1. NAVIGATION SETTINGS

Points or areas on the map can be registered.

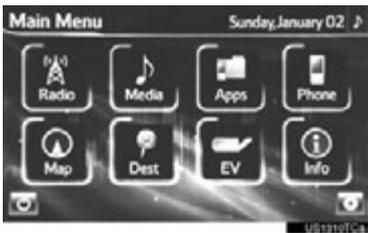
The registered points can be used on the "Destination" screen. (See "DESTINATION SEARCH BY HOME" on page 57, and "DESTINATION SEARCH BY 'Address Book'" on page 66.)

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

**1** Press the "HOME" button.



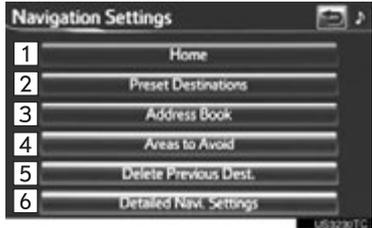
**2** Touch .



**3** Touch "Navigation".



**4** Touch the desired items to be set.



On this screen, the following operations can be performed:

No.	Function	Page
1	Touch to set home.	92
2	Touch to set preset destinations.	94
3	Touch to set the address book.	97
4	Touch to set areas to avoid.	102
5	Touch to delete previous destinations.	106
6	Touch to set detailed navigation settings.	107

## SETTING UP THE "Home"

If home has been registered, that information can be recalled by touching "Go Home" on the "Destination" screen. (See "DESTINATION SEARCH BY HOME" on page 57.)

**1** Press the "HOME" button.

**2** Touch  on the "Main Menu" screen.

**3** Touch "Navigation" on the "Setup" screen.

#### 4 Touch “Home”.



#### 5 Touch the desired screen button.



No.	Function	Page
1	Registering home	93
2	Editing home	94
3	Deleting home	94

### REGISTERING HOME

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Navigation” on the “Setup” screen.
- 4 Touch “Home” on the “Navigation Settings” screen.
- 5 Touch “Set Home”.



- 6 Touch the desired screen button and enter the location in the same way as for a destination search. (See “DESTINATION SEARCH” on page 56.)



- When registration of home is completed, the “Edit Home” screen will be displayed.

#### 7 Touch “OK”.

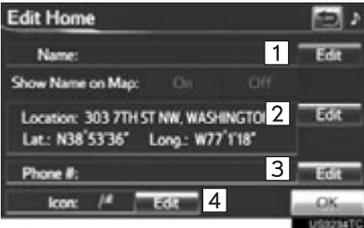
- To edit registered information, see “EDITING HOME” on page 94.

### EDITING HOME

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Navigation”** on the “Setup” screen.
- 4 Touch **“Home”** on the “Navigation Settings” screen.
- 5 Touch **“Edit”**.



- 6 Touch **“Edit”** next to the item to be edited.



No.	Function	Page
1	To edit the home name. The name can be displayed on the map.	100
2	To edit location information.	101
3	To edit the phone number.	101
4	To change the icon to be displayed on the map.	99

“Show Name on Map”: The name of a home can be set to be displayed on the map by touching **“On”** or **“Off”**. (See page 100.)

- 7 Touch **“OK”**.

### DELETING HOME

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Navigation”** on the “Setup” screen.
- 4 Touch **“Home”** on the “Navigation Settings” screen.
- 5 Touch **“Delete”**.



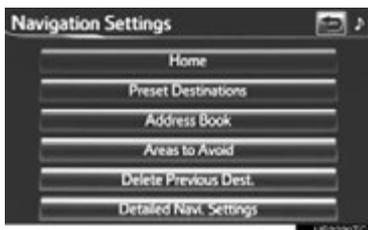
- 6 Touch **“Yes”** to delete home and touch **“No”** to cancel the deletion.

### SETTING UP THE “Preset Destinations”

If preset destination has been registered, that information can be recalled by using **“Preset Destinations”** on the “Navigation Settings” screen. (See “DESTINATION SEARCH BY PRESET DESTINATIONS” on page 57.)

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Navigation”** on the “Setup” screen.

- 4 Touch “**Preset Destinations**”.



- 5 Touch the desired screen button.



No.	Function	Page
1	Registering a preset destination	95
2	Editing a preset destination	96
3	Deleting a preset destination	97

## REGISTERING PRESET DESTINATIONS

- 1 Press the “**HOME**” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “**Navigation**” on the “Setup” screen.
- 4 Touch “**Preset Destinations**” on the “Navigation Settings” screen.

- 5 Touch “**Set**”.



- 6 Touch the desired screen button and enter the location in the same way as for a destination search. (See “**DESTINATION SEARCH**” on page 56.)



- 7 Touch a position for this preset destination.



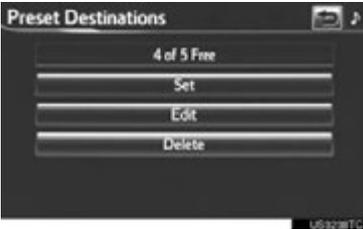
- When registration of a preset destination is completed, the “Edit Preset Destination” screen will be displayed.

- 8 Touch “**OK**”.

- To edit registered information, see “**EDITING PRESET DESTINATIONS**” on page 96.

## EDITING PRESET DESTINATIONS

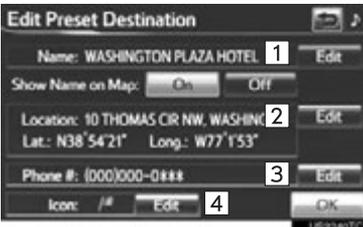
- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Navigation”** on the “Setup” screen.
- 4 Touch **“Preset Destinations”** on the “Navigation Settings” screen.
- 5 Touch **“Edit”**.



- 6 Touch the screen button of the desired preset destination.



- 7 Touch **“Edit”** next to the item to be edited.



No.	Function	Page
1	To edit the preset destination name. The name can be displayed on the map.	100
2	To edit location information.	101
3	To edit the phone number.	101
4	To change the icon to be displayed on the map.	99

“Show Name on Map”: The name of a preset destination can be set to be displayed on the map by touching **“On”** or **“Off”**. (See page 100.)

- 8 Touch **“OK”**.

## DELETING PRESET DESTINATIONS

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Navigation”** on the “Setup” screen.
- 4 Touch **“Preset Destinations”** on the “Navigation Settings” screen.
- 5 Touch **“Delete”**.



- 6 Touch the preset destination to be deleted.



Screen button	Function
“Select All”	Touch to select all preset destinations.
“Unselect All”	Touch to cancel the “Select All” function.

- 7 Touch **“Delete”**.
- 8 Touch **“Yes”** to delete the preset destination and touch **“No”** to cancel the deletion.

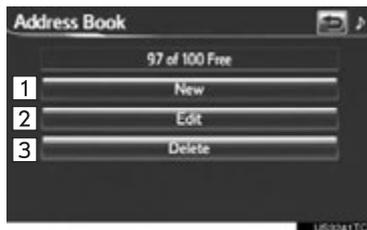
## SETTING UP THE “Address Book”

Points or areas on the map can be registered.

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Navigation”** on the “Setup” screen.
- 4 Touch **“Address Book”**.



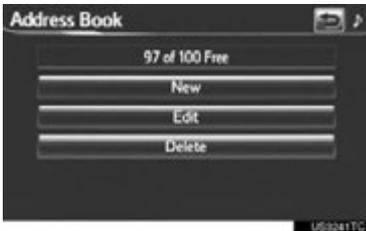
- 5 Touch the desired screen button.



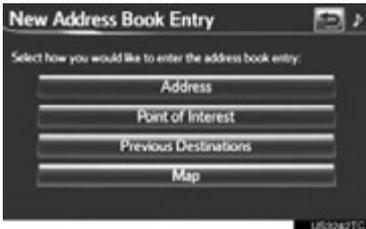
No.	Function	Page
1	Registering address book entries	98
2	Editing address book entries	98
3	Deleting address book entries	101

### REGISTERING ADDRESS BOOK ENTRIES

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Navigation” on the “Setup” screen.
- 4 Touch “Address Book” on the “Navigation Settings” screen.
- 5 Touch “New”.



- 6 Touch the desired screen button and enter the location in the same way as for a destination search. (See “DESTINATION SEARCH” on page 56.)



- After the address book entry has been registered, the “Edit Address Book Entry” screen will be displayed.

- 7 Touch “OK”.

● To edit registered information, see “EDITING ADDRESS BOOK ENTRIES” on page 98.

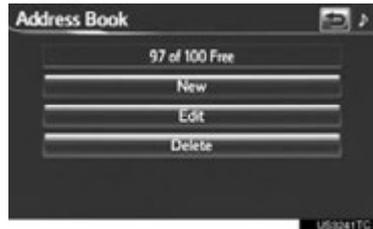
### INFORMATION

- Up to 100 address book entries can be registered.

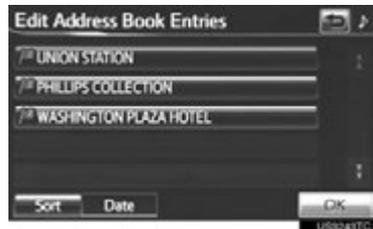
### EDITING ADDRESS BOOK ENTRIES

The icon, name, location and/or phone number of a registered address book entry can be edited.

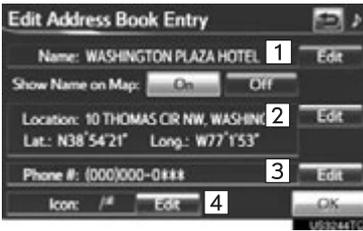
- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Navigation” on the “Setup” screen.
- 4 Touch “Address Book” on the “Navigation Settings” screen.
- 5 Touch “Edit”.



- 6 Touch the screen button of the desired address book entry.



- 7** Touch **“Edit”** next to the item to be edited.



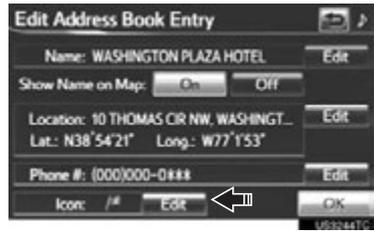
No.	Function	Page
1	To edit the address book entry name. The name can be displayed on the map.	100
2	To edit location information.	101
3	To edit the phone number.	101
4	To change the icon to be displayed on the map.	99

“Show Name on Map”: The name of an address book entry can be set to be displayed on the map by touching **“On”** or **“Off”**. (See page 100.)

- 8** Touch **“OK”**.

## ■ TO CHANGE “Icon”

- 1** Touch **“Edit”**.



- 2** Touch the desired icon.

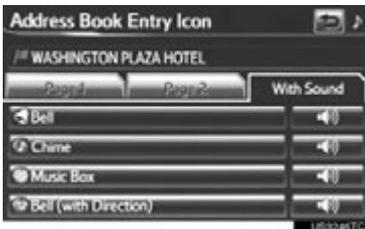


- Change pages by touching the **“Page 1”**, **“Page 2”** or **“With Sound”** tab.

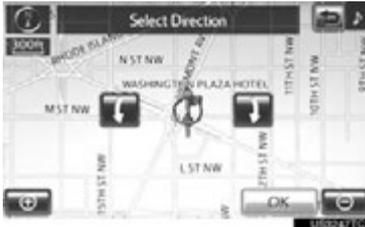
## SOUND ICONS

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

- 1 Touch the **“With Sound”** tab on the “Address Book Entry Icon” screen.
- 2 Touch the desired sound icon.



- The next screen appears when **“Bell (with Direction)”** is touched.
- 3 Touch either  or  to adjust the direction. Touch **“OK”**.

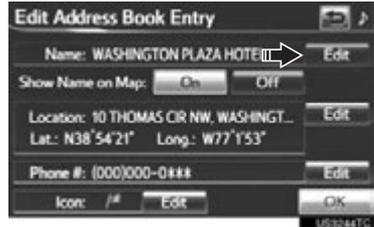


### INFORMATION

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

## TO CHANGE “Name”

- 1 Touch **“Edit”**.



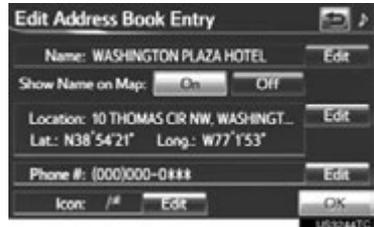
- 2 Enter the name using the alphanumeric keys.



- Up to 70 characters can be entered.
- 3 Touch **“OK”**.
- The previous screen will be displayed.

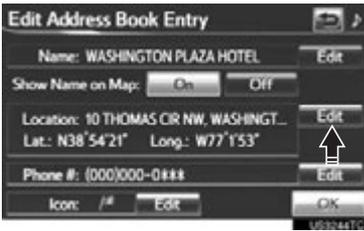
## DISPLAYING ADDRESS BOOK ENTRY NAMES

- 1 Touch **“On”** to display the name on the map and touch **“Off”** to not display it.



## ■ TO CHANGE “Location”

- 1 Touch “Edit”.



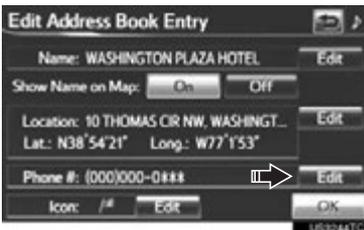
- 2 Scroll the map to the desired point.



- 3 Touch “OK”.
  - The previous screen will be displayed.

## ■ TO CHANGE “Phone #” (PHONE NUMBER)

- 1 Touch “Edit”.



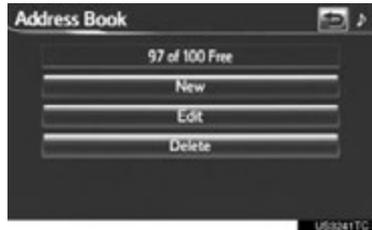
- 2 Enter the number using the number keys.



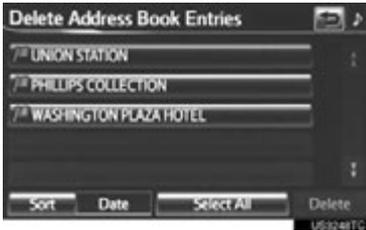
- 3 Touch “OK”.
  - The previous screen will be displayed.

## DELETING ADDRESS BOOK ENTRIES

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Navigation” on the “Setup” screen.
- 4 Touch “Address Book” on the “Navigation Settings” screen.
- 5 Touch “Delete”.



6 Touch the address to be deleted.



Screen button	Function
“Select All”	Touch to select all registered addresses.
“Unselect All”	Touch to cancel the “Select All” function.

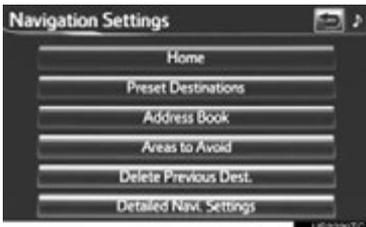
7 Touch “Delete”.

8 Touch “Yes” to delete the address book entries and touch “No” to cancel the deletion.

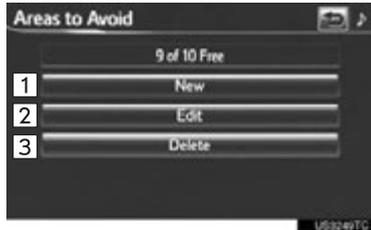
### SETTING UP THE “Areas to Avoid”

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

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Navigation” on the “Setup” screen.
- 4 Touch “Areas to Avoid”.



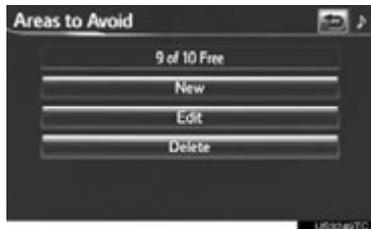
5 Touch the desired screen button.



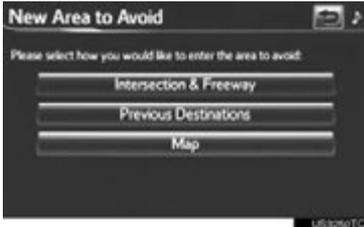
No.	Function	Page
1	Registering areas to avoid	102
2	Editing areas to avoid	103
3	Deleting areas to avoid	105

### REGISTERING AREAS TO AVOID

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Navigation” on the “Setup” screen.
- 4 Touch “Areas to Avoid” on the “Navigation Settings” screen.
- 5 Touch “New”.



- 6 Touch the desired screen button and enter the location in the same way as for a destination search, or display the map of the area to be avoided. (See “DESTINATION SEARCH” on page 56.)



- 7 Scroll the map to the desired point.



- 8 Touch “Enter”.

- 9 Touch either  or  to change the size of the area to be avoided.



- 10 Touch “OK”.

- When registration of an area to avoid is completed, the “Area to Avoid” screen will be displayed.

### INFORMATION

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

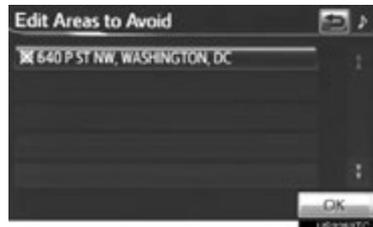
### EDITING AREA TO AVOID

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

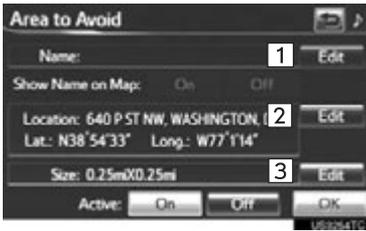
- Press the “HOME” button.
- Touch  on the “Main Menu” screen.
- Touch “Navigation” on the “Setup” screen.
- Touch “Areas to Avoid” on the “Navigation Settings” screen.
- Touch “Edit”.



- 6 Touch the desired area to avoid.



- 7** Touch **“Edit”** next to the item to be edited.



No.	Function	Page
1	To edit the name of the area to avoid. The name can be displayed on the map.	104
2	To edit the area location.	105
3	To edit the area size.	105

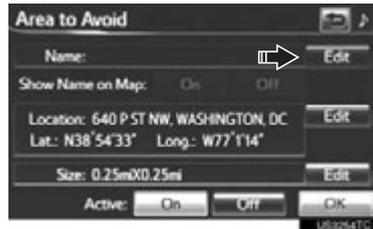
**“Show Name on Map”**: The name of an area to be avoided that may be displayed on the map by touching **“On”** or **“Off”**. (See page 104.)

**“Active”**: To turn on or off the area to avoid feature. To turn on the feature, touch **“On”** on the **“Area to Avoid”** screen. To turn off the feature, touch **“Off”** on the **“Area to Avoid”** screen.

- 8** Touch **“OK”**.

**TO CHANGE “Name”**

- 1** Touch **“Edit”**.



- 2** Enter the name using the alphanumeric keys.



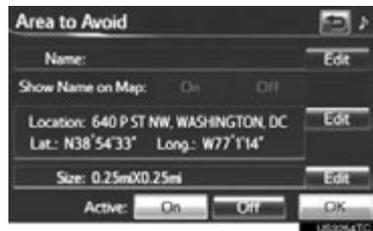
- Up to 70 characters can be entered.

- 3** Touch **“OK”**.

- The previous screen will be displayed.

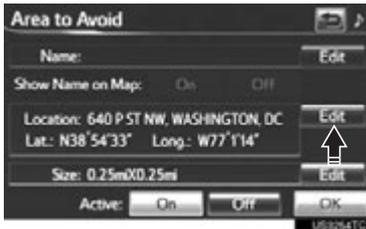
**DISPLAYING NAMES OF AREAS TO BE AVOIDED**

- 1** Touch **“On”**, next to **“Show Name on Map”**, to display the area to be avoided name on the map. Touch **“Off”** to not display it.



## ■ TO CHANGE “Location”

- 1 Touch “Edit”.



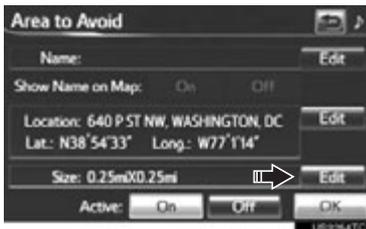
- 2 Scroll the map to the desired point.



- 3 Touch “OK”.
  - The previous screen will be displayed.

## ■ TO CHANGE “Size”

- 1 Touch “Edit”.



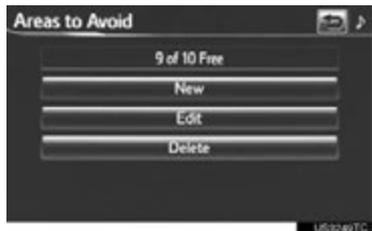
- 2 Touch either  or  to change the size of the area to be avoided.



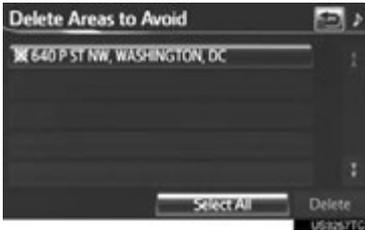
- 3 Touch “OK”.
  - The previous screen will be displayed.

## DELETING AREAS TO AVOID

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Navigation” on the “Setup” screen.
- 4 Touch “Areas to Avoid” on the “Navigation Settings” screen.
- 5 Touch “Delete”.



- 6 Touch the area to be deleted.



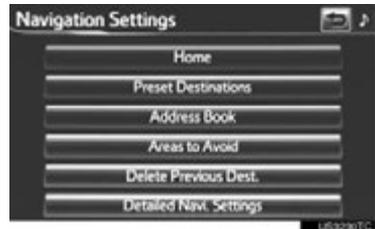
Screen button	Function
"Select All"	Touch to select all registered areas to avoid.
"Unselect All"	Touch to cancel the "Select All" function.

- 7 Touch **"Delete"**.
- 8 Touch **"Yes"** to delete the area(s) and touch **"No"** to cancel the deletion.

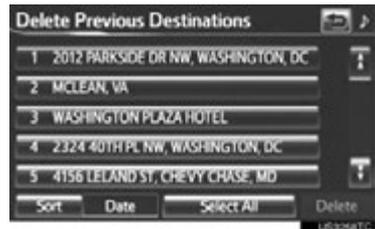
## DELETING PREVIOUS DESTINATIONS

Previous destinations can be deleted.

- 1 Press the **"HOME"** button.
- 2 Touch  on the "Main Menu" screen.
- 3 Touch **"Navigation"** on the "Setup" screen.
- 4 Touch **"Delete Previous Dest."**.



- 5 Touch the previous destination to be deleted.



Screen button	Function
"Select All"	Touch to select all previous destinations.
"Unselect All"	Touch to cancel the "Select All" function.

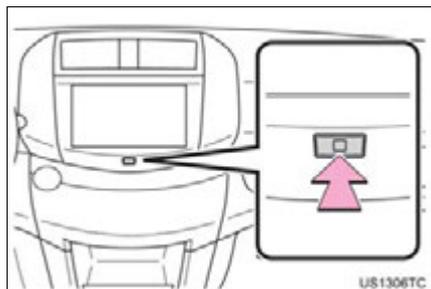
- 6 Touch **"Delete"**.
- 7 Touch **"Yes"** to delete the destination(s) and touch **"No"** to cancel the deletion.

## 4. SETUP

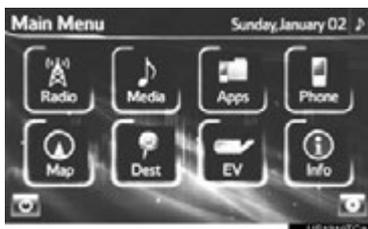
# 1. DETAILED NAVIGATION SETTINGS

Settings are available for driving speeds, favorite POI categories, automatic screen change, “◀◀Off” function, etc.

- 1 Press the “HOME” button.



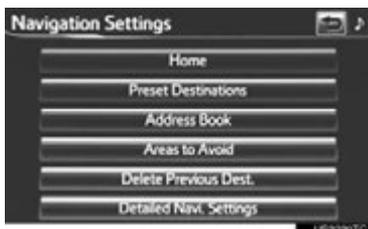
- 2 Touch .



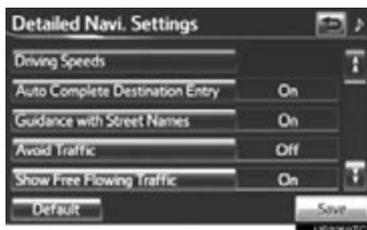
- 3 Touch “Navigation”.



- 4 Touch “Detailed Navi. Settings”.

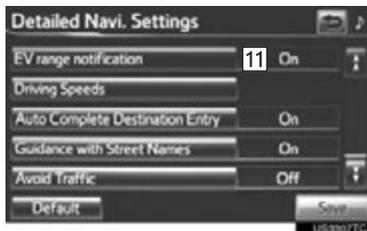
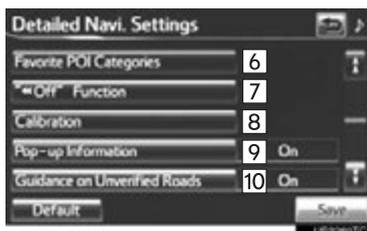
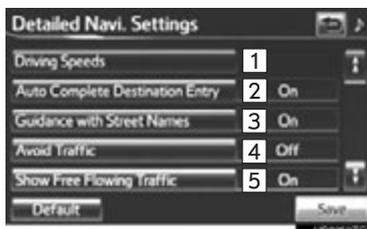


- 5 Touch the items to be set.



- 6 Touch “Save”.

## SCREENS FOR NAVIGATION SETTINGS



- On this screen, the following functions can be performed:

No.	Function
1	Touch to set the average cruising speed. (See "DRIVING SPEEDS" on page 108.)
2	Touch to set the automatic input function to "On" or "Off".
3	Touch to set the voice guidance for the next street name to "On" or "Off" during route guidance.
4	Touch to set the automatic reroute of the guidance route to avoid heavy congestion to "On" or "Off". (See "AUTO AVOID TRAFFIC" on page 109.)
5	Touch to set the indication of freely flowing traffic by the arrow to "On" or "Off". (See "SHOW FREE FLOWING TRAFFIC" on page 109.)
6	Touch to set displayed POI icon categories. (See "POI CATEGORY CHANGE (SELECT POI ICONS)" on page 110.)
7	Touch to set screen buttons to be displayed on the map screen when "◀◀Off" is selected. (See "SCREEN LAYOUT FUNCTION ("◀◀Off" Function)" on page 111.)
8	Touch to adjust the current position mark manually. Miscalculation of the distance caused by tire replacement can also be adjusted. (See "CURRENT POSITION/TIRE CHANGE CALIBRATION" on page 111.)
9	Touch to set the display of pop-up information to "On" or "Off". (See "POP-UP INFORMATION" on page 112.)
10	Touch to set IPD road guidance to "On" or "Off". (For information on IPD roads, see page 79.)

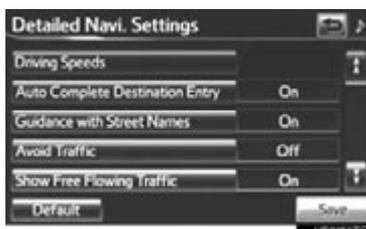
No.	Function
11	Touch to set the "EV range notification" message to "On" or "Off". The message is displayed on the screen if there is a possibility that the vehicle cannot reach the destination with the current charge remaining in the traction battery. When no destination is set, it is displayed when the vehicle may not be able to reach home without charging.

- To reset all setup items, touch "Default".

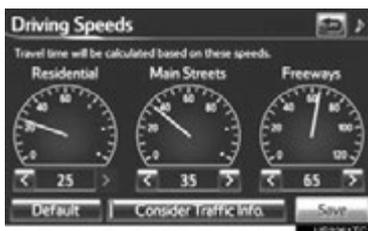
## DRIVING SPEEDS

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

- 1 Press the "HOME" button.
- 2 Touch  on the "Main Menu" screen.
- 3 Touch "Navigation" on the "Setup" screen.
- 4 Touch "Detailed Navi. Settings" on the "Navigation Settings" screen.
- 5 Touch "Driving Speeds".



- 6 Touch “<” or “>” to set the average vehicle speeds for “Residential”, “Main Streets” and “Freeways”.



- To set the default speeds, touch “**Default**”.
  - To use settings based on traffic information, touch “**Consider Traffic Info.**”.
- 7 After setting of the desired speeds is completed, touch “**Save**”.

#### INFORMATION

- The displayed time to the destination is the approximate driving time that is calculated based on the selected speeds and the actual position along the guidance route.
- The time shown on the screen may vary greatly depending on progress along the route, which may be affected by conditions such as traffic jams and construction work.
- Up to 99 hours 59 minutes can be displayed.

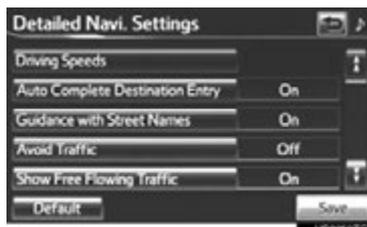
#### AUTO AVOID TRAFFIC

The guidance route automatically changes to another route to avoid heavy congestion when “**Avoid Traffic**” is turned on.

- 1 Press the “**HOME**” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “**Navigation**” on the “Setup” screen.

- 4 Touch “**Detailed Navi. Settings**” on the “Navigation Settings” screen.

- 5 Touch “**Avoid Traffic**”.



- 6 Touch “**On**” or “**Off**”.

- 7 Touch “**Save**”.

- When congestion information about the guidance route has been received, a screen will appear to ask if it is desirable to reroute to avoid the congestion.
- Touch “**Yes**” to reroute. Another route to avoid the congestion will appear.
- Touch “**No**” if it is not desirable to reroute.

#### INFORMATION

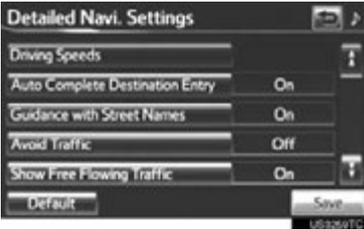
- When the “Traffic Information” indicator is dimmed, “Avoid Traffic”, “Traffic Incident Warning” and “Show Free Flowing Traffic” will not operate.

#### SHOW FREE FLOWING TRAFFIC

Free flowing traffic can be shown by an arrow when “**Show Free Flowing Traffic**” is turned on.

- 1 Press the “**HOME**” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “**Navigation**” on the “Setup” screen.
- 4 Touch “**Detailed Navi. Settings**” on the “Navigation Settings” screen.

5 Touch **“Show Free Flowing Traffic”**.



6 Touch **“On”** or **“Off”**.

7 Touch **“Save”**.

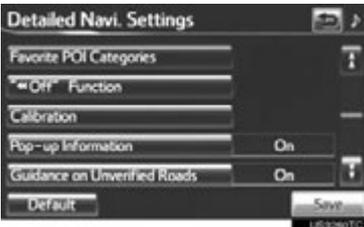
**INFORMATION**

- When the “Traffic Information” indicator is dimmed, “Avoid Traffic”, “Traffic Incident Warning” and “Show Free Flowing Traffic” will not operate.

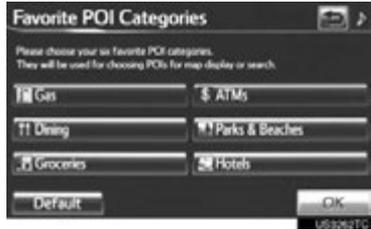
**POI CATEGORY CHANGE  
(SELECT POI ICONS)**

Select up to 6 POI icons to be displayed on the map screen.

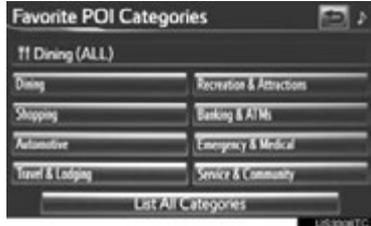
- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Navigation”** on the “Setup” screen.
- 4 Touch **“Detailed Navi. Settings”** on the “Navigation Settings” screen.
- 5 Touch **“Favorite POI Categories”**.



6 Touch the category to be changed.

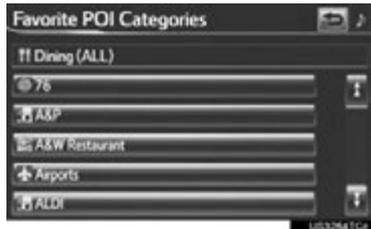


7 Touch the desired group.



- If the desired POI category is not on the screen, touch **“List All Categories”** to list all POI categories.

8 Touch the desired category.

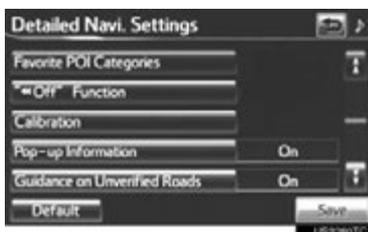


- The screen returns to the first page of the “Favorite POI Categories” screen.
- 9 Touch **“OK”**.

## SCREEN LAYOUT FUNCTION ("◀◀Off" Function)

Each screen button and current street name on the map screen can be displayed or hidden.

- 1 Press the **"HOME"** button.
- 2 Touch  on the "Main Menu" screen.
- 3 Touch **"Navigation"** on the "Setup" screen.
- 4 Touch **"Detailed Navi. Settings"** on the "Navigation Settings" screen.
- 5 Touch **"◀◀Off" Function**.



- 6 Touch the screen buttons to be turned off. The selected screen buttons will be dimmed.

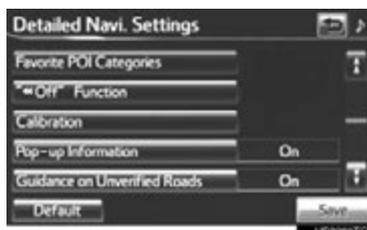


- To set the setting as a default, touch **"Default"**.
- 7 Touch **"OK"**.
  - The previous screen will be displayed.
  - 8 Touch **"Save"**.

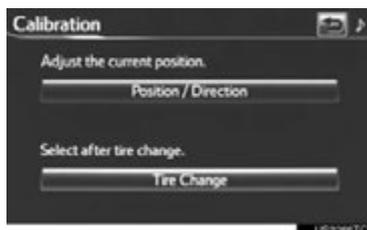
## CURRENT POSITION/TIRE CHANGE CALIBRATION

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

- 1 Press the **"HOME"** button.
- 2 Touch  on the "Main Menu" screen.
- 3 Touch **"Navigation"** on the "Setup" screen.
- 4 Touch **"Detailed Navi. Settings"** on the "Navigation Settings" screen.
- 5 Touch **"Calibration"**.



- 6 Touch the desired screen button.

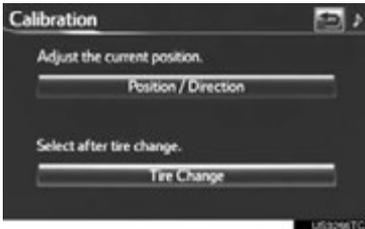


- For additional information on the accuracy of a current position, see "LIMITATIONS OF THE NAVIGATION SYSTEM" on page 118.

## POSITION/DIRECTION CALIBRATION

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

- 1 Touch **“Position / Direction”**.

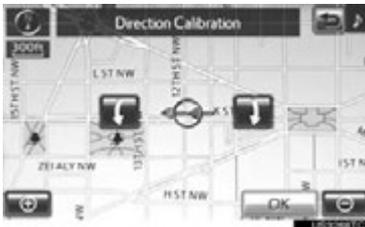


- 2 Scroll the map to the desired point.



- 3 Touch **“OK”**.

- 4 Touch either the  or  to adjust the direction of the current position mark.



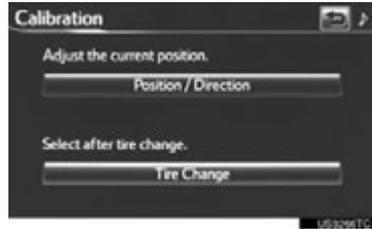
- 5 Touch **“OK”**.

- The map will be displayed.

## TIRE CHANGE CALIBRATION

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

- 1 To perform the distance calibration procedure, touch **“Tire Change”**.



- The message appears and the quick distance calibration is automatically started. A few seconds later, a map will be displayed.

### INFORMATION

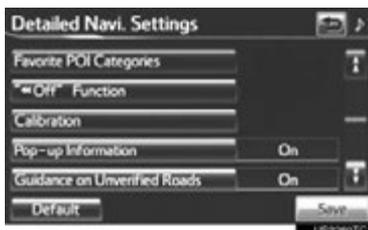
- If this procedure is not performed when the tires are replaced, the current position mark may be incorrectly displayed.

## POP-UP INFORMATION

When **“Pop-up information”** is turned on, pop-up information will be displayed.

- 1 Press the **“HOME”** button.
- 2 Touch  on the **“Main Menu”** screen.
- 3 Touch **“Navigation”** on the **“Setup”** screen.
- 4 Touch **“Detailed Navi. Settings”** on the **“Navigation Settings”** screen.

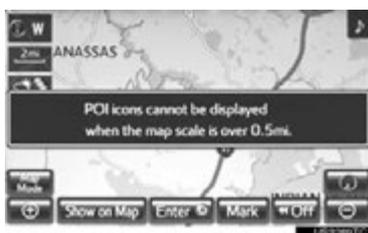
## 5 Touch “Pop-up Information”.



## 6 Touch “On” or “Off”.

## 7 Touch “Save”.

- When “Pop-up Information” is turned off, the following messages will not be displayed.
- ▶ This message appears when the map is displayed POI icons and the map scale is over 0.5 miles (800 m).



- ▶ This message appears when the map is switched to dual map screen mode.

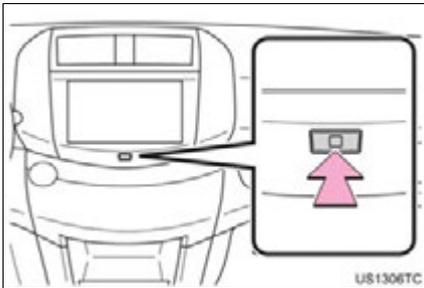


## 2. VEHICLE SETTINGS

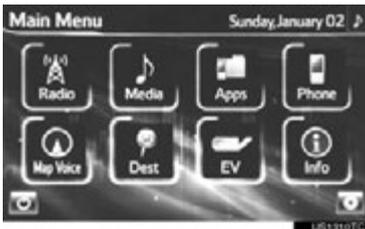
### MAINTENANCE

When the navigation system is turned on, the “Maintenance Reminder” screen displays when it is time to replace a part or certain components. (See page 30.)

- 1 Press the **“HOME”** button.



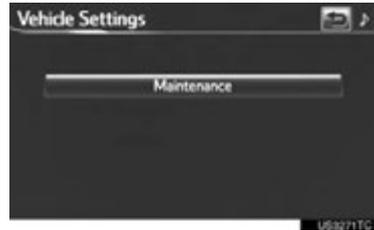
- 2 Touch .



- 3 Touch **“Vehicle”**.



- 4 Touch **“Maintenance”**.



- 5 Touch the desired screen button.



- Setting maintenance information. (See page 114.)
- Setting dealer. (See page 116.)

### MAINTENANCE INFORMATION SETTING

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Vehicle”** on the “Setup” screen.
- 4 Touch **“Maintenance”** on the “Vehicle Settings” screen.
- 5 Touch the desired screen button.



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

Screen button	Example maintenance
"Rotation"	Rotate tires
"Tires"	Replace tires
"Battery"	Replace 12-volt battery
"Brake pad"	Replace brake pads
"Wipers"	Replace wiper blades
"Coolant"	Replace coolant
"Brake oil"	Replace brake fluid
"Service"	Scheduled maintenance
"Air filter"	Replace air filter
"Personal"	New information items can be created separately from provided ones.

Screen button	Function
"Delete All"	Touch to cancel all conditions which have been inputted.
"Reset All"	Touch to reset the item which has satisfied a condition.
"Set Dealer"	Touch to register dealer information. (See "DEALER SETTING" on page 116.)
"Dealer Info."	Touch to edit dealer information. (See "DEALER SETTING" on page 116.)
"Reminder"	When this screen button is touched, the indicator is illuminated. The system is set to give maintenance information with the "Maintenance Reminder" screen. (See page 30.)

## 6 Input the conditions.



Screen button	Function
"Date"	Touch to input the next maintenance date.
"Distance"	Touch to input the driving distance until the next maintenance check.
"Delete"	Touch to cancel the date and distance conditions.
"Reset"	Touch to reset the date and distance conditions.

## 7 Touch "OK".

- The screen then returns to the "Maintenance" screen.

### INFORMATION

- For scheduled maintenance information, refer to "Scheduled Maintenance Guide" or "Owner's Manual Supplement".
- Depending on driving or road conditions, the actual date and distance maintenance should be performed may differ from the stored date and distance in the system.

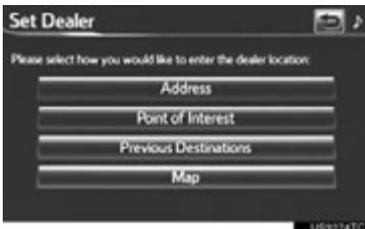
## DEALER SETTING

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

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Vehicle”** on the “Setup” screen.
- 4 Touch **“Maintenance”** on the “Vehicle Settings” screen.
- 5 Touch **“Set Dealer”**.

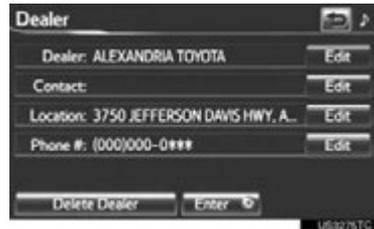


- 6 If a dealer has not been registered, enter the location of a dealer in the same way as for a destination search. (See “DESTINATION SEARCH” on page 56.)



- When “Set Dealer” registration is finished, the “Dealer” screen is displayed.

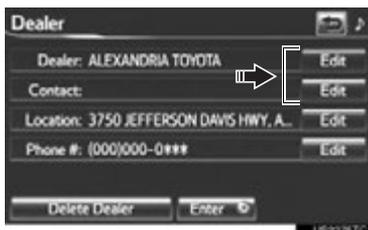
- 7 Touch **“Edit”** next to the item to be edited.



Screen button	Function
“Dealer”	Touch to enter the name of a dealer. (See page 117.)
“Contact”	Touch to enter the name of a dealer member. (See page 117.)
“Location”	Touch to set the location. (See page 117.)
“Phone #”	Touch to enter the phone number. (See page 117.)
“Delete Dealer”	Touch to delete the dealer information displayed on the screen.
“Enter  ”	Touch to set the displayed dealer as a destination. (See “STARTING ROUTE GUIDANCE” on page 71.)

## ■ TO EDIT “Dealer” OR “Contact”

- 1 Touch “Edit” next to “Dealer” or “Contact”.



- 2 Enter the name using the alphanumeric keys.



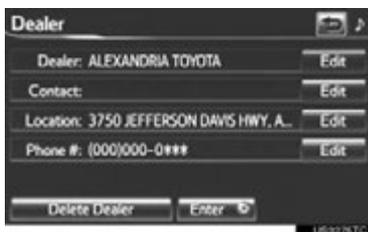
- Up to 70 characters can be entered for dealer and 24 characters for contact.

- 3 Touch “OK”.

- The previous screen will be displayed.

## ■ TO EDIT “Location”

- 1 Touch “Edit” next to “Location”.



- 2 Scroll the map to the desired point.



- 3 Touch “OK”.

- The previous screen will be displayed.

## ■ TO EDIT “Phone #” (PHONE NUMBER)

- 1 Touch “Edit” next to “Phone #”.



- 2 Enter the number using number keys.



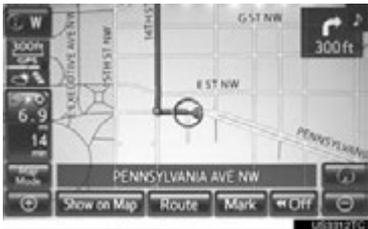
- 3 Touch “OK”.

- The previous screen will be displayed.

# 1. LIMITATIONS OF THE NAVIGATION SYSTEM

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

The Global Positioning System (GPS) developed and operated by the U.S. Department of Defense provides an accurate current position, normally using 4 or more satellites, and in some case 3 satellites. The GPS system has a certain level of inaccuracy. While the navigation system 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.



When the vehicle is receiving signals from satellites, the “GPS” mark appears at the top left of the screen.

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

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

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



## NOTICE

- The installation of window tinting may obstruct the GPS signals. Most window tinting contains some metallic content that will interfere with GPS signal reception of the antenna in the instrument panel. We advise against the use of window tinting on vehicles equipped with navigation systems.
- Accurate current position may not be shown in the following cases:
  - When driving on a small angled Y-shaped road.
  - When driving on a winding road.
  - When driving on a slippery road such as in sand, gravel, snow, etc.
  - When driving on a long straight road.
  - When freeway and surface streets run in parallel.
  - After moving by ferry or vehicle carrier.
  - When a long route is searched during high speed driving.
  - When driving without setting the current position calibration correctly.
  - After repeating a change of direction by going forward and backward, or turning on a turntable in a parking lot.
  - When leaving a covered parking lot or parking garage.
  - When a roof carrier is installed.
  - When driving with tire chains installed.
  - When the tires are worn.
  - After replacing a tire or tires.
  - When using tires that are smaller or larger than the factory specifications.
  - When the tire pressure in any of the 4 tires is not correct.
- If the vehicle cannot receive GPS signals, the current position can be adjusted manually. For information on setting the current position calibration, see page 111.

- 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 any of them, auto reroute will display a route returning to the destination on the previous route.
  - When turning at an intersection for which there is no route guidance.
  - When passing through an intersection for which there is no route guidance.
  - During auto reroute, the route guidance may not be available for the next turn to the right or left.
  - During high speed driving, it may take a long time for auto reroute to operate. In auto reroute, a detour route may be shown.
  - After auto reroute, the route may not be changed.
  - If an unnecessary U-turn is shown or announced.
  - If a location has multiple names and the system announces one or more of them.
  - When a route cannot be searched.
  - If the route to your destination includes gravel, unpaved roads or alleys, the route guidance may not be shown.
  - Your destination point might be shown on the opposite side of the street.
  - When a portion of the route has regulations prohibiting the entry of the vehicle that vary by time 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.

- After replacing a tire, implement the operation described in the "TIRE CHANGE CALIBRATION". (See page 112.)

#### 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 position. The tire pressure also affects the diameter of the tires, so make sure that the tire pressure of all 4 tires is correct.



## PHONE

**1 PHONE OPERATION**

- |  |            |
|--|------------|
| <b>1. QUICK REFERENCE</b> .....                              | <b>122</b> |
| <b>2. PHONE (HANDS-FREE SYSTEM FOR CELLULAR PHONE)</b> ..... | <b>124</b> |
| USING THE PHONE SWITCH .....                                 | 125        |
| USING THE STEERING SWITCHES .....                            | 126        |
| ABOUT THE PHONEBOOK IN THIS SYSTEM .....                     | 126        |
| WHEN SELLING OR DISPOSING OF THE VEHICLE .....               | 126        |
| <b>3. REGISTER A Bluetooth® PHONE</b> .....                  | <b>128</b> |
| CONNECTING A Bluetooth® PHONE .....                          | 129        |
| RECONNECTING THE Bluetooth® PHONE .....                      | 131        |
| <b>4. CALL ON THE Bluetooth® PHONE</b> .....                 | <b>132</b> |
| BY DIAL .....  | 132        |
| BY PHONEBOOK .....   | 132        |
| BY SPEED DIAL .....  | 133        |
| BY CALL HISTORY .....  | 134        |
| BY VOICE RECOGNITION .....                                   | 135        |
| CALLING USING AN SMS/MMS MESSAGE .....                       | 137        |
| BY POI* CALL .....   | 137        |
| <b>5. RECEIVE ON THE Bluetooth® PHONE</b> .....              | <b>138</b> |
| <b>6. TALK ON THE Bluetooth® PHONE</b> .....                 | <b>139</b> |
| WHEN YOU SELECT "0-9" .....                                  | 139        |
| INCOMING CALL WAITING .....                                  | 140        |
| <b>7. Bluetooth® PHONE MESSAGE FUNCTION</b> .....            | <b>141</b> |
| CHECKING MESSAGES .....                                      | 141        |
| REPLYING (QUICK REPLY) .....                                 | 142        |
| NEW MESSAGE NOTIFICATION .....                               | 143        |

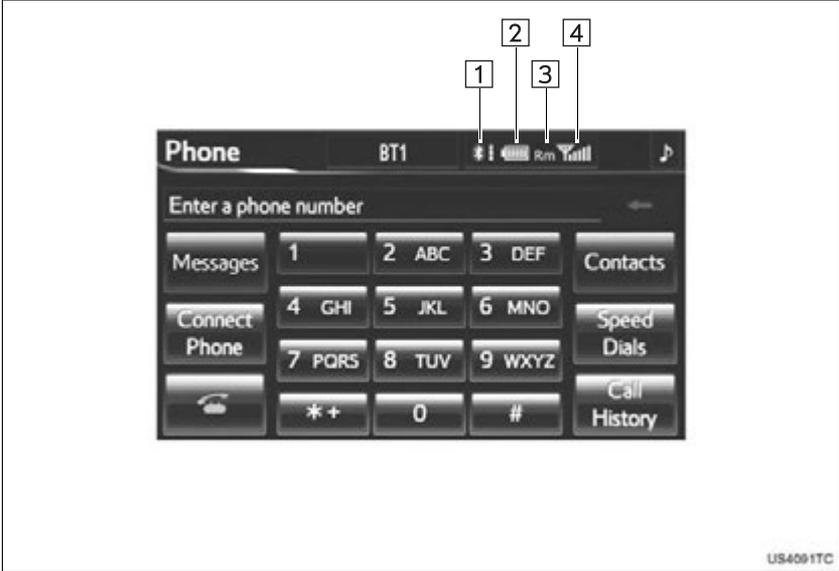
**2 SETUP**

- |                                     |            |
|-------------------------------------|------------|
| <b>1. PHONE SETTINGS</b> .....      | <b>144</b> |
| PHONE SOUND SETTINGS .....          | 144        |
| PHONEBOOK .....                     | 145        |
| MESSAGE SETTINGS .....              | 157        |
| PHONE DISPLAY SETTINGS .....        | 161        |
| <b>2. Bluetooth® SETTINGS</b> ..... | <b>164</b> |
| REGISTERED DEVICES .....            | 164        |
| SELECTING A Bluetooth® PHONE .....  | 168        |
| SELECTING PORTABLE PLAYER .....     | 169        |
| DETAILED Bluetooth® SETTINGS .....  | 170        |

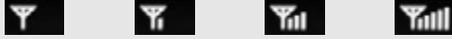
\*: Point of Interest

# 1. QUICK REFERENCE

Bluetooth® phones can be operated via the navigation system’s screen. To display the hands-free operation screen, press the **“HOME”** button and touch **“Phone”**, or press the  switch on the steering wheel.



No.	Name	Function
1	The condition of Bluetooth® connection	  No connection ← → Good An antenna for the Bluetooth® connection is built in the instrument panel. The condition of the Bluetooth® connection may deteriorate and the system may not function when a Bluetooth® phone is used in the following conditions and/or places: <ul style="list-style-type: none"> <li>• The cellular phone is obstructed by certain objects (such as when it is behind the seat or in the glove box and console box).</li> <li>• The cellular phone touches or is covered with metal materials.</li> </ul> Leave the Bluetooth® phone in a place where the condition of the Bluetooth® connection is good. When the cellular phone is not connected, “No Connect” is displayed.

No.	Name	Function
2	The amount of battery charge left	 <p>Empty ← Full</p> <p>This is not displayed when the Bluetooth® is not connected. 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 type of phone you have. This system does not have a charging function.</p>
3	The receiving area	<p>“Rm” is displayed when receiving in a roaming area. The receiving area may not be displayed depending on the type of phone you have.</p>
4	The level of reception	 <p>Poor ← Excellent</p> <p>The level of reception does not always correspond with the level displayed on the cellular phone. The level of reception may not be displayed depending on the phone you have. When the cellular phone is out of the service area or in a place inaccessible by radio waves, “No Service” is displayed.</p>

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

## 2. PHONE (HANDS-FREE SYSTEM FOR CELLULAR PHONE)

The hands-free system enables calls to be made and received without having to take your hands off the steering wheel.

This system supports Bluetooth®. Bluetooth® is a wireless data system that enables cellular phones to be used without being connected by a cable or placed in a cradle.

The operating procedure of the phone is explained here.

- For registering and setting of the phone, see "PHONE SETTINGS" on page 144 and "Bluetooth® SETTINGS" on page 164.



### CAUTION

- While driving, do not use a cellular phone or connect the Bluetooth® phone.



### NOTICE

- Do not leave your cellular phone in the vehicle. The temperature inside may rise to a level that could damage the phone.

### INFORMATION

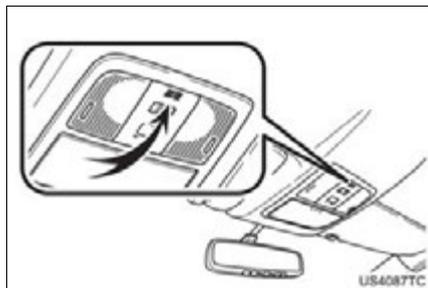
- If your cellular phone does not support Bluetooth®, this system cannot function.
- In the following conditions, the system may not function:
  - The cellular phone is turned off.
  - The current position is outside the communication area.
  - The cellular phone is not connected.
  - The cellular phone has a low battery.
- When using Bluetooth® audio and hands-free at the same time, the following problems may occur:
  - The Bluetooth® connection may be cut.
  - Noise may be heard on the Bluetooth® audio playback.
- This system supports the following services:
  - 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)
    - OPP (Object Push Profile)  
Ver.1.1 or higher
    - PBAP (Phone Book Access Profile)  
Ver.1.0 or higher
    - MAP (Message Access Profile)  
Ver.1.0 or higher
    - SPP (Serial Port Profile)  
Ver.1.1 or higher\*

\*: This profile is necessary when using Entune. (See "ENTUNE SERVICE" on page 252.)

**INFORMATION**

- If your cellular phone does not support HFP, registering the Bluetooth® phone or using OPP, PBAP, MAP or SPP profiles individually will not be possible.
- If the connected Bluetooth® phone version is older than recommended or incompatible, this function may not be used.
- Refer to <http://www.toyota.com/bluetooth> to find approved Bluetooth® phones for this system.

- The microphone can be used when talking on the phone.

**INFORMATION**

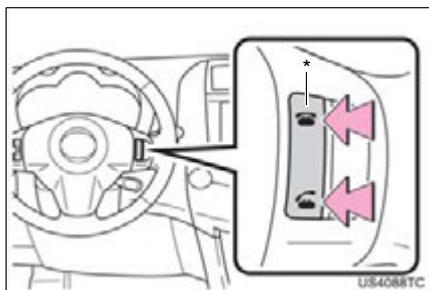
- The other party's voice will be heard from the front speakers. The audio system will be muted during phone calls or when hands-free voice commands are used.
- Talk alternately with the other party on the phone. If both parties speak at the same time, the other party may not hear what has been said. (This is not a malfunction.)
- Keep call volume down. Otherwise, the other party's voice may be audible outside the vehicle and voice echo may increase. When talking on the phone, speak clearly towards the microphone.
- The other party may not hear you clearly when:
  - Driving on an unpaved road. (Making excessive traffic noise.)
  - Driving at high speeds.
  - The roof or windows are open.
  - The air conditioning vents are pointed towards the microphone.
  - The sound of the air-conditioning fan is loud.
  - There is a negative effect on sound quality due to the phone and/or network being used.


**Bluetooth®**

Bluetooth is a registered trademark of Bluetooth SIG, Inc.

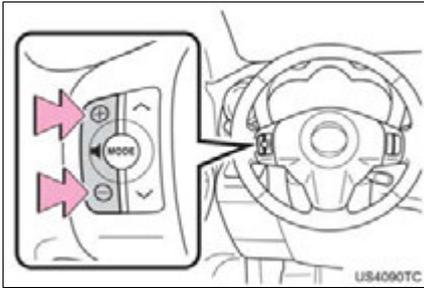
**USING THE PHONE SWITCH**

By pressing the phone switch, a call can be received or ended without taking your hands off the steering wheel.



\*: Press to return to the previous screen during voice recognition. (See "BY VOICE RECOGNITION" on page 135.)

## USING THE STEERING SWITCHES



### Volume control switch

- Press the “+” side to increase the volume.
- Press the “-” side to decrease the volume.

## ABOUT THE PHONEBOOK IN THIS SYSTEM

- The following data is stored for every registered phone. When another phone is connected, the following registered data cannot be read:
  - Phonebook data
  - All of call history
  - Speed dial
  - Image data
  - Messages
  - Quick reply messages
  - Settings

### INFORMATION

- When a phone's registration is deleted, the above-mentioned data is also deleted.

## WHEN SELLING OR DISPOSING OF THE VEHICLE

A lot of personal data is registered when the hands-free system is used. When selling or disposing of the vehicle, initialize the data. (See “DELETING PERSONAL DATA” on page 51.)

- The following data in the system can be initialized:
  - Phonebook data
  - Call history data
  - Speed dial data
  - Bluetooth® phone data
  - Phone sound settings
  - Phone display settings
  - Message settings

### INFORMATION

- Once initialized, the data and settings will be erased. Pay much attention when initializing the data.

**● FCC ID : HYQDNN078**

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION**

- **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 environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. 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.

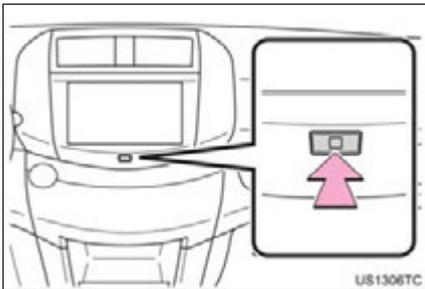
### 3. REGISTER A Bluetooth® PHONE

To use the hands-free system, it is necessary to register a phone with the system. Once the phone has been registered, it is possible to make a hands-free call.

If a Bluetooth® phone has not been registered yet, it is necessary to register it first according to the following procedure. A Bluetooth® phone cannot be registered while driving.

- See “REGISTERING A Bluetooth® DEVICE” on page 165 of additional registration when registering.

1 Press the “HOME” button and touch “Phone”, or press the  switch on the steering wheel.



2 Touch “Yes” to register a phone.



- If 5 Bluetooth® devices have already been registered, a registered device needs to be deleted. See “▶When 5 Bluetooth® devices have already been registered” on page 129.

3 When this screen is displayed, input the passcode displayed on the screen into the phone.



- For details about entering the passcode into the Bluetooth® device, see the manual that comes with it.
- A passcode is not required for SSP (Secure Simple Pairing) compatible Bluetooth® phones. Depending on the type of Bluetooth® phone being connected, a message confirming registration may be displayed on the Bluetooth® phone’s screen. Respond and operate the Bluetooth® phone according to the confirmation message.
- To cancel the registration, touch “Cancel”.
- If the Bluetooth® phone to be registered has a Bluetooth® audio function, this can be registered at the same time.

4 This screen will be displayed when registration is complete.



- When using the same phone, it is not necessary to register it again.

- ▶ When this screen is displayed, follow the guidance on the screen to try again.



- ▶ When another Bluetooth® device is connected



- When another Bluetooth® device is currently connected, this screen is displayed.
- To disconnect the Bluetooth® device, touch "Yes".
- ▶ When 5 Bluetooth® devices have already been registered
  - 1 When 5 Bluetooth® devices have already been registered, a registered device needs to be deleted. Touch "Yes" to delete one or more.
  - 2 Touch the device to be deleted, then touch "Remove".
  - 3 Touch "Yes".

- ▶ If the Bluetooth® phone has a Bluetooth® audio function

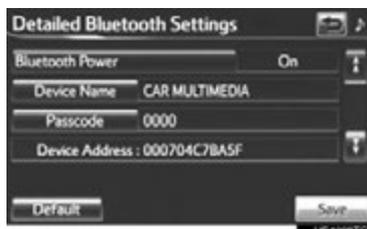


- When the Bluetooth® phone to be registered has a Bluetooth® audio function, this audio function will be registered automatically at the same time and this screen may be displayed. If this screen is displayed, touch "Yes" to connect the audio function or touch "No" to cancel the connection.

## CONNECTING A Bluetooth® PHONE

### AUTOMATICALLY

When a phone is registered, auto connection is turned on. Always set it to this mode and leave the Bluetooth® phone in a location where connection can be established.



- For automatic connection, see "CHANGING 'Bluetooth\* Power'" on page 171.
- \*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.



- When the “POWER” switch is in ACCESSORY or ON mode, the system searches for a nearby registered cellular phone.
- The system will connect with the phone that was last connected, if it is nearby. When “Display Phone Status” is set to “On”, the connection status is displayed. (See “Bluetooth® DEVICE CONNECTION STATUS DISPLAY SETTINGS” on page 173.)
- This screen appears when the Bluetooth® phone is first connected after the “POWER” switch is in ACCESSORY or ON mode.

**INFORMATION**

- It may take time if the phone connection is carried out during Bluetooth® device playback.

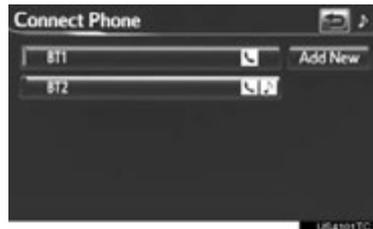
**MANUALLY**

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

- 1 Press the “HOME” button and touch “Phone”, or press the switch on the steering wheel.
- 2 Touch “Connect Phone”.



- 3 Touch the screen button corresponding to the desired phone connection.



- When the cellular phone’s device name has not been able to be obtained, “Device 1” to “Device 5” will be displayed in the order the phones were registered.

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

- 4 The “Connect Bluetooth\*\*” screen is displayed.



- 5 When the connection is completed, this screen is displayed.



- Now you can use the Bluetooth® phone.
- ▶ When a phone is connected while Bluetooth® audio is playing



- This screen is displayed, and the Bluetooth® audio will stop temporarily.

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

## RECONNECTING THE Bluetooth® PHONE

If a Bluetooth® phone is disconnected due to poor reception from the Bluetooth® network when the “POWER” switch is in ACCESSORY or ON mode, the system automatically reconnects the Bluetooth® phone. When “**Display Phone Status**” is set to “**On**”, the connection status is displayed.

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

## 4. CALL ON THE Bluetooth® PHONE

After a Bluetooth® phone has been registered, a call can be made using the hands-free system. There are 7 methods by which a call can be made. These are described below.

### BY DIAL

A call can be made by inputting the phone number.

This cannot be operated while driving.

- 1 Press the “HOME” button and touch “Phone”, or press the  switch on the steering wheel.
- 2 Touch the desired key to input the phone number.



- Each time  is touched, an input digit is deleted.

- 3 Touch  or press the  switch on the steering wheel.

### BY PHONEBOOK

Calls can be made by using the phonebook data which is transferred from the registered cellular phone.

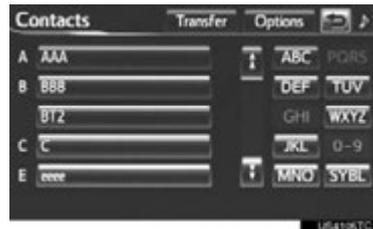
The phonebook changes depending on the phone connected. Up to 1000 contacts (maximum of 3 numbers per contact) can be registered in each phonebook.

This cannot be operated while driving.

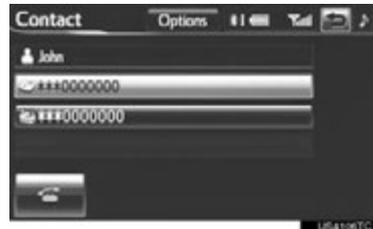
- 1 Touch “Contacts”.



- 2 Touch the desired data from the list.



- 3 Touch the desired number from the list.



- 4 Touch  or press the  switch on the steering wheel.

## WHEN THE PHONEBOOK IS EMPTY

- 1 Touch **“Contacts”**.



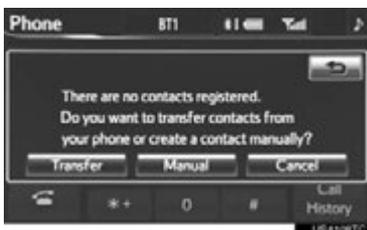
- 2 Touch **“Yes”** or **“Transfer”** to automatically transfer the phonebook from the connected phone.

- Touch **“Manual”** to transfer the phonebook manually. (See “TRANSFERRING A PHONE NUMBER” on page 147.)
- Touch **“No”** or **“Cancel”** to cancel transferring.
- If your cellular phone is neither PBAP nor OPP compatible, the phonebook cannot be transferred.

- ▶ PBAP compatible models



- ▶ PBAP incompatible but OPP compatible models



- 3 Transfer the phonebook data to the system using the Bluetooth® phone.

- Depending on the type of cellular phone, OBEX authentication may be required when transferring phonebook data. Enter “1234” into the Bluetooth® phone.



- This screen appears while transferring. To cancel this function, touch **“Cancel”**.

- 4 When the data transfer from a PBAP incompatible but OPP compatible model is complete, **“Done”** will appear on the screen. Touch **“Done”**.



## BY SPEED DIAL

Calls can be made using registered phone numbers which can be selected from a phonebook. (See “REGISTERING THE SPEED DIAL” on page 153 for registering the speed dial.)

This can be done while driving.

- 1 Touch **“Speed Dials”**.



2 Touch the desired number to call.



- The list to be displayed can be changed by touching the “Speed Dial 1”, “Speed Dial 2” or “Speed Dial 3” tab.

2 Touch the desired data from the list.



- The list to be displayed can be changed by touching the “All”, “Missed”, “Incoming” or “Outgoing” tab.

### BY CALL HISTORY

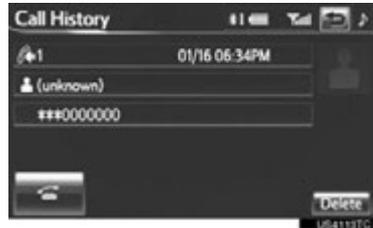
#### CALLS CAN BE MADE BY CALL HISTORY WHICH HAS 4 FUNCTIONS

- All:** all calls (missed, incoming or outgoing)  
Up to 25 call history items can be selected from the “All” tab while driving.
- Missed:** calls that were missed
- Incoming:** calls that were received
- Outgoing:** calls that were made

1 Touch “Call History”.



3 Touch or press the switch on the steering wheel.



#### CALLS CAN BE MADE USING THE LATEST CALL HISTORY ITEM

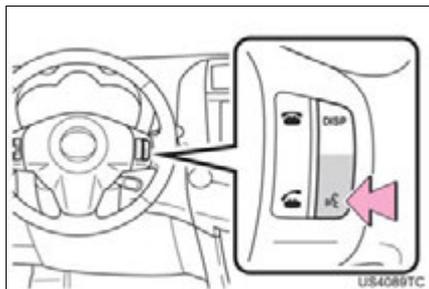
- 1 Press the “HOME” button and touch “Phone”, or press the switch on the steering wheel to display the “Phone” screen.
  - 2 Press the switch on the steering wheel to display the “Call History” screen.
  - 3 Press the switch on the steering wheel to select the latest history item.
  - 4 Touch or press the switch on the steering wheel to call the latest history item.
- When making a call by phonebook, the name (if registered) is displayed.

- When making a call to the same number continuously, only the most recent call is listed in call history.
- When a phone number registered in the phonebook is received, the name and the number are displayed.
- Number-withheld calls are also memo-rized in the system.
- International phone calls may not be made depending on the type of cellular phone you have.

## BY VOICE RECOGNITION

Calls can be made by giving a voice command. (For the operation and command of voice recognition, see "VOICE COMMAND SYSTEM" on page 224.)

This can be operated while driving.



## VOICE COMMAND EXAMPLE: CALL NAME

- 1 Press the talk switch.
  - "Call <name> <type>" is displayed in the "Shortcut Menu" screen.
  - When "Call <name> <type>" on the "Shortcut Menu" screen is dimmed, the phonebook's voice command recognition cannot be used. Check the Bluetooth® connection and if the contacts have been transferred to the navigation system.
- 2 Say the name, or the name and type of phone, of a registered contact.
  - In the same manner as it is displayed on the screen, "Call <name> <type>", after saying "Call" say the name, or the name and type of phone, of a contact. For example: "Call", "John Smith" or "Call", "Mary Davis", "Mobile"
  - There are 4 types of phones: Home, Mobile, Office and Other.
  - Short or abbreviated names in the phonebook may not be recognized. Change names in the phonebook to full names.
  - Sometimes a voice recognition result confirmation screen will be displayed. After confirming the result, say "Yes" or "No".
  - When the system recognizes multiple names from the phonebook, a name candidate list will be displayed on the screen. If the desired name is not displayed on the top of the screen, say the number of the name from the candidate list (number 1 and number 2) to select a name from the candidate list.
  - When a contact has multiple phone numbers registered in the phonebook, a candidate list will be displayed. If the desired phone number is not displayed on the top of the screen, say the number of the desired phone number from the candidate list (number 1 and number 2) to select a phone number from the candidate list.

- 3 Say **“Dial”** to call the phone number.



### VOICE COMMAND EXAMPLE: DIAL NUMBER

- 1 Press the talk switch.
  - “Dial <number>” is displayed in the “Shortcut Menu” screen.
  - When “Dial <number>” on the “Shortcut Menu” screen is dimmed, the phone number voice recognition cannot be used. Check the Bluetooth® phone connection.
- 2 Say the phone number.
  - In the same manner as it is displayed on the screen, “Dial <number>”, after saying **“Dial”** say the phone number.
  - Say the phone number one digit at a time. For example, if the phone number is 2345678:  
Say **“two three four five six seven eight”**  
Do not say **“twenty three forty five sixty seven eight”**
  - The system can recognize the following types of phone numbers:  
3 digit numbers (911, 411, 611)  
7 digit numbers (Local phone numbers)  
10 digit numbers (Area code + Local phone number)  
11 digit phone numbers (1 + Area code + Local phone number)
  - As the system cannot recognize additional numbers, say the complete number without stopping.

- When the system recognizes multiple phone numbers, a phone number candidate list will be displayed on the screen. If the desired phone number is not displayed on the top of the screen, say the number of the desired phone number from the candidate list (number 1 and number 2) to select a phone number from the candidate list.

- 3 Say **“Dial”** to call the phone number.

### INTERNATIONAL CALL

To dial a phone number that is not a 3, 7, 10 or 11 digit number, for example an international number, use **“International Call”**.

- 1 Go to the “Main Menu” screen by pressing the talk switch on the steering wheel and saying **“Main menu”** or touch the “Main Menu” screen button.
- 2 Say **“Use the phone”**.
- 3 Say **“International call”**.
  - Up to 24 digits can be recognized when using the international call function. The number can also be divided into multiple groups and recognized.

#### Calling without the voice recognition:

After the desired phone number is displayed, a call can also be made by pressing the  switch on the steering wheel.

**Canceling the voice recognition:** The voice recognition will be canceled when either of the following is performed:

- Press and hold the talk switch.
- Touch **“Cancel”**.

## CALLING USING AN SMS/ MMS MESSAGE

Calls can be made to an SMS (Short Message Service)/MMS (Multimedia Messaging Service) message sender's phone number.

This can be operated while driving.

### 1 Touch “Messages”.



- When “**Message Transfer**” is set to “**Off**”, a confirmation screen will be displayed. Touch “**Yes**”.

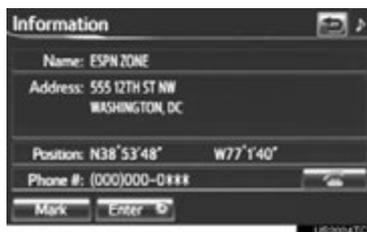
### 2 Touch the “**SMS/MMS**” tab and then touch the desired received message from the list.

- The tab display may vary depending on the type of cellular phone.

### 3 Touch or press the switch on the steering wheel.

## BY POI CALL

A call can be made by touching  when it is displayed on the screen from the navigation system. (See “TO SEE INFORMATION ABOUT THE ICON WHERE THE CURSOR IS SET” on page 39.)



## 5. RECEIVE ON THE Bluetooth® PHONE

When a call is received, this screen is displayed with a sound.

- 1 Touch  or press the  switch on the steering wheel to talk on the phone.



**To refuse to receive the call:** Touch  or press the  switch on the steering wheel.

**To adjust the volume of a received call:** Touch “-” or “+” or use the volume switch on the steering wheel.

### INFORMATION

- During international phone calls, the other party's name or number may not be displayed correctly depending on the type of cellular phone you have.
- The incoming call display mode can be set. (See “INCOMING CALL DISPLAY” on page 162.)

## 6. TALK ON THE Bluetooth® PHONE

While talking on the phone, this screen is displayed. The operations outlined below can be performed on this screen.



**To adjust the volume of the other party's voice:** Touch “-” or “+” or use the volume switch on the steering wheel.

**To hang up the phone:** Touch  or press the  switch on the steering wheel.

**To mute your voice:** Touch “Mute”.

**To input a key:** Touch “0-9”.

**To transfer the call:** Touch “Handset Mode” to change from hands-free call to cellular phone call. Touch “Handsfree Mode” to change from cellular phone call to hands-free call.

### INFORMATION

- Changing from hands-free call to cellular phone call is not possible while driving.
- When cellular phone call is changed to hands-free call, the hands-free screen will be displayed and its functions can be operated on the screen.
- Changing between cellular phone call and hands-free call can be performed by operating the cellular phone directly.
- Transferring methods and operations will be different depending on the type of cellular phone you have.
- For the operation of the cellular phone, see the manual that comes with it.

### WHEN YOU SELECT “0-9”

#### INPUTTING A KEY

Inputting a key is not possible while driving.

- 1 Touch the desired number to input the key.



**To hang up the phone:** Touch  or press the  switch on the steering wheel.

#### TONE SIGNAL

If a continuous tone signal is registered in a phonebook, this screen appears. (If not registered, “Send” and “Clear” are not displayed.) This can be operated while driving.

- 1 Confirm the number displayed on the screen and touch “Send”. The number before marked sign will be sent.



- When “Clear” is touched, this function is finished and the normal tone screen appears.

**To hang up the phone:** Touch  or press the  switch on the steering wheel.

#### INFORMATION

- The continuous tone signal is the marked sign (p or w) and the number that follows the phone number. (e.g. 056133w0123p#1\*)
- When the “p” pause tone is used, after waiting 2 seconds the tone data up until the next pause tone will be automatically sent. When the “w” pause tone is used, the tone data up until the next pause tone will be automatically sent after user operation.
- This operation can be done when it is desirable to operate an answering machine or use a telephone service in a bank for example. The phone number and the code number in the phonebook can be registered.

#### BY VOICE RECOGNITION

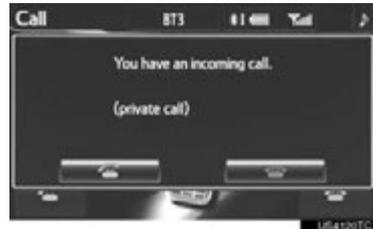
“Send Tones” can be operated by giving a command during a call.

- The operating procedure is similar to other voice recognition operations. (For the operation of voice recognition, see “VOICE COMMAND SYSTEM” on page 224.)

#### INCOMING CALL WAITING

When a call is interrupted by a third party while talking, this screen is displayed.

- 1 Touch  or press the  switch on the steering wheel to start talking with the other party.



- Touch  or press the  switch on the steering wheel to refuse the call.



- Each time  is touched or the  switch on the steering wheel is pressed during an interrupted call, the party who is on hold will be switched.

#### INFORMATION

- If your cellular phone does not support HFP Ver. 1.5, this function cannot be used.

## 7. Bluetooth® PHONE MESSAGE FUNCTION

Received messages can be forwarded from the connected Bluetooth® phone, enabling checking and replying using the navigation system (Quick reply).

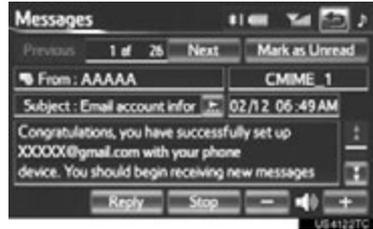
### CHECKING MESSAGES

- 1 Press the “HOME” button and touch “Phone”, or press the  switch on the steering wheel.
- 2 Touch “Messages”.



- When “Message Transfer” is set to “Off”, a confirmation screen will be displayed. Touch “Yes”.
- 3 Touch the screen button corresponding to the desired message.
- Messages are displayed in the appropriate connected Bluetooth® phone’s registered mail address folder. Touch the tab of the desired folder to be displayed.

- 4 Messages can be checked.

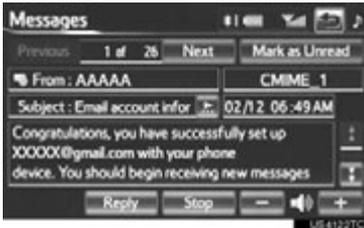


- Touching “Previous” or “Next” displays the previous or next message.
  - Only received messages on the connected Bluetooth® phone can be displayed.
  - The text of the message is not displayed while driving.
- 5 Touch “Play” to start reading out of the message. Touch “Stop” to stop the function.
- Touch “-” or “+” or use the volume switch on the steering wheel to adjust the message read out volume.
  - The message read out function is available even while driving.

- When the received message is an e-mail and “Update Message Read Status on Phone” is set to “On”, “Mark as Unread” or “Mark as Read” can be selected. Touch “Mark as Unread” to mark mails that have been read on the Bluetooth® phone as unread. Conversely, touch “Mark as Read” to mark mails that have not been read on the Bluetooth® phone as read. (See “MESSAGE SETTINGS” on page 157.)
- For SMS/MMS, touching  or pressing the  switch on the steering wheel calls the sender. (See page 137.)
- Touch “Reply” to reply to the message. (See page 142.)

## REPLYING (QUICK REPLY)

- 1 Touch **“Reply”**.



- 2 Touch the screen button corresponding to the desired message.



- 3 Touch **“Send”**.

- While the message is being sent, a sending message screen is displayed.

- 4 This screen will be displayed if message delivery fails.



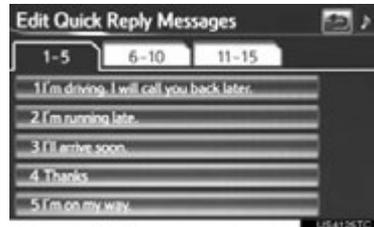
- Touch **“Retry”** to attempt to send the message again or touch **“Cancel”** to cancel.

## EDITING REPLY MESSAGES

- 1 Reply messages can be edited while the vehicle is parked. Touch **“Edit”**.



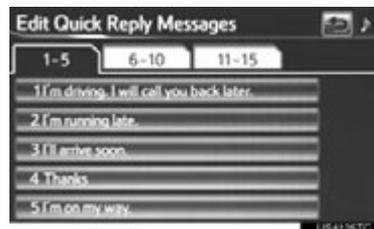
- 2 Touch the screen button corresponding to the desired message.



- 3 Touch **“OK”** when editing is completed.



- 4 Touch .



## NEW MESSAGE NOTIFICATION

If **“New Message Pop-up”** and **“New Message Voice Notification”** are set to **“On”**, a notification appears on the screen and a voice notification will be heard when a new message arrives. (See **“MESSAGE SETTINGS”** on page 157.)

- 1 Touch **“Read”** to check the message.
  - The **“Messages”** screen will be displayed.
  - When **“Automatic Message Readout”** is set to **“On”**, the message will be automatically read out. (See **“MESSAGE SETTINGS”** on page 157.)

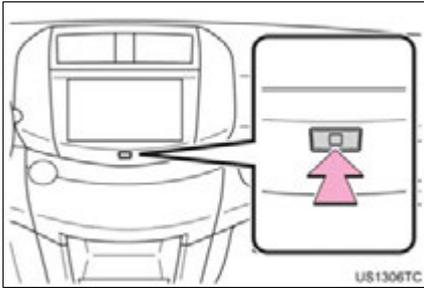
- For SMS/MMS, touching  or pressing the  switch on the steering wheel calls the sender. (See page 137.)
- To check the message later, touch **“Ignore”** or .

## 2. SETUP

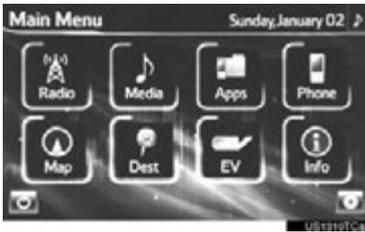
# 1. PHONE SETTINGS

The phonebook can be edited. Volume, display and message settings can also be changed.

- 1 Press the **“HOME”** button.



- 2 Touch .



- 3 Touch **“Phone”**.



- 4 Perform each setting according to the procedures outlined on the following pages.



## PHONE SOUND SETTINGS

The call and ring tone volume can be adjusted. A ring tone can be selected.

- 1 Touch **“Phone Sound Settings”**.



- 2 Perform each setting according to the procedures outlined on the following pages.



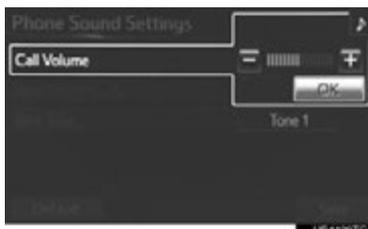
- 3 When all settings are completed, touch **“Save”**.

### INFORMATION

- The system will automatically increase the volume when the speed exceeds 50 mph (80 km/h).

## CALL VOLUME SETTING

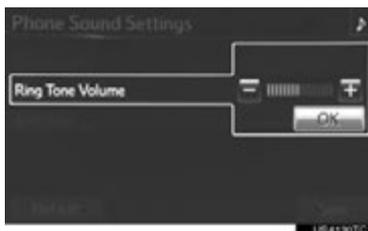
- 1 Touch **“Call Volume”** on the “Phone Sound Settings” screen.
- 2 Touch **“-”** or **“+”** to adjust the call volume.



- 3 Touch **“OK”**.

## RING TONE VOLUME SETTING

- 1 Touch **“Ring Tone Volume”** on the “Phone Sound Settings” screen.
- 2 Touch **“-”** or **“+”** to adjust the ring tone volume.

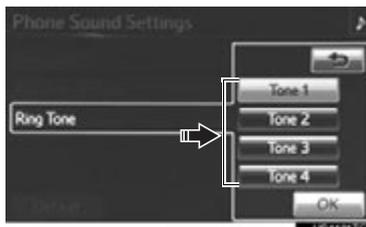


- 3 Touch **“OK”**.

## RING TONE SETTING

- 1 Touch **“Ring Tone”** on the “Phone Sound Settings” screen.

- 2 Touch the screen button corresponding to the desired ring tone.



- Ring tones can be heard by touching the screen buttons.

- 3 Touch **“OK”**.

## INITIALIZING THE SETTINGS

The settings can be initialized.

- 1 Touch **“Default”** on the “Phone Sound Settings” screen.
- 2 Touch **“Yes”**.

## PHONEBOOK

The call history can be deleted and phonebook and speed dial settings can be changed.

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Phone”** on the “Setup” screen.
- 4 Touch **“Phonebook”**.



- 5 Perform each setting according to the procedures outlined on the following pages.



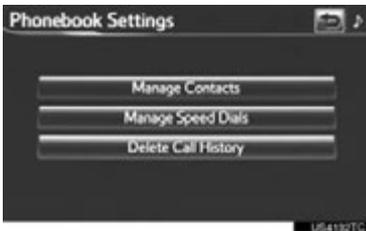
**INFORMATION**

- Phonebook data is managed independently for every registered phone. When one phone is connected, another phone's registered data cannot be read.

**SETTING THE PHONEBOOK**

The phonebook can be transferred from a Bluetooth® phone to the system. The phonebook also can be added, edited and deleted.

- 1 Press the **"HOME"** button.
- 2 Touch  on the "Main Menu" screen.
- 3 Touch **"Phone"** on the "Setup" screen.
- 4 Touch **"Phonebook"** on the "Phone Settings" screen.
- 5 Touch **"Manage Contacts"**.

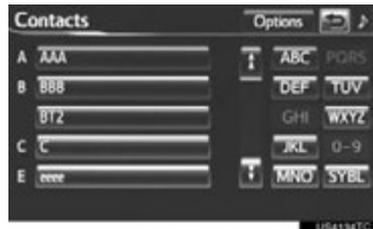


- 6 Perform each setting according to the procedures outlined on the following pages.



**THE "Contacts" SCREEN CAN ALSO BE DISPLAYED**

- 1 Press the **"HOME"** button and touch **"Phone"**, or press the  switch on the steering wheel.
- 2 Touch **"Contacts"** on the "Phone" screen.
- 3 Touch **"Options"**.



- 4 Touch **"Manage Contacts"**.



## ■ TRANSFERRING A PHONE NUMBER

The phone numbers in a Bluetooth® phone can be transferred to the system. The system can manage up to 5 phonebooks. Up to 1000 contacts (maximum of 3 numbers per contact) can be registered in each phonebook.

Operation methods differ between PBAP compatible and PBAP incompatible but OPP compatible Bluetooth® phones.

If your cellular phone is neither PBAP nor OPP compatible, the phonebook cannot be transferred.

- ▶ For PBAP compatible Bluetooth® phones

### 1 Touch “Transfer Contacts”.



### 2 Touch “Update Contacts”.



### 3 Transfer the phonebook data to the system using the Bluetooth® phone.

- Depending on the type of cellular phone, OBEX authentication may be required when transferring phonebook data. Enter “1234” into the Bluetooth® phone.



- This screen appears while transferring. To cancel this function, touch “Cancel”.
  - If another Bluetooth® device is connected when transferring phonebook data, depending on the phone, the connected Bluetooth® device may need to be disconnected.
- ▶ PBAP compatible models automatic data transfer setting

When a PBAP compatible phone is connected, the phone’s phonebook data can be automatically transferred.

### 1 Touch “Transfer Contacts”.



- 2 Touch **“Automatically Download Contacts”** to transfer the phonebook from a connected cellular phone.  
Touch **“Automatically Download Call History”** to transfer the call history from a connected cellular phone.



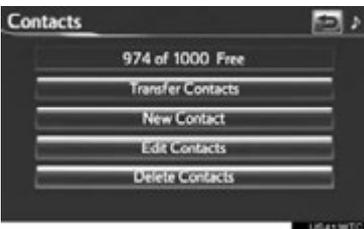
- 3 Touch **“On”**.



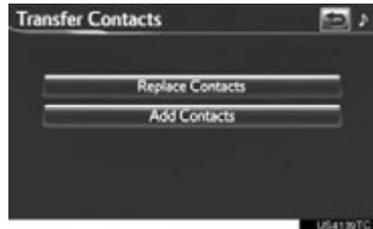
- 4 Touch **“Save”**.

► For PBAP incompatible but OPP compatible Bluetooth® phones

- 1 Touch **“Transfer Contacts”**.



- 2 Touch **“Replace Contacts”** or **“Add Contacts”**.



- If the phonebook contains phonebook data, this screen is displayed.
- 3 Transfer the phonebook data to the system using the Bluetooth® phone.
- Depending on the type of cellular phone, OBEX authentication may be required when transferring phonebook data. Enter “1234” into the Bluetooth® phone.



- This screen appears while transferring. To cancel this function touch **“Cancel”**. If **“Add Contacts”** is touched and there is an interruption during the transfer of data, the phonebook data transferred until then will be stored in the system. This is not the case when **“Cancel”** is touched.

- 4 When the transfer is complete, “Done” will appear on the screen. Touch “Done”.

- When another Bluetooth® device is connected



- When another Bluetooth® device is currently connected, this screen is displayed.
  - To disconnect it, touch “Yes”.
- From “Contacts” screen

Phonebooks of PBAP incompatible but OPP compatible phones can also be transferred from the “Contacts” screen.

- 1 Press the “HOME” button and touch “Phone”, or press the switch on the steering wheel.
- 2 Touch “Contacts” on the “Phone” screen.
- 3 Touch “Transfer”.



- 4 This screen is displayed. The following operations are performed in the same manner as when they are performed from the “Setup” screen.

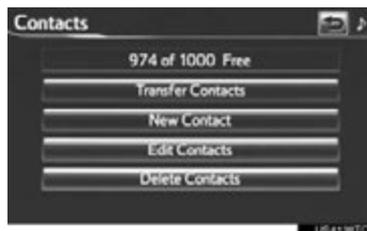


## ■ REGISTERING THE PHONEBOOK DATA

The phonebook data can be registered.

Up to 3 numbers per person can be registered. New phonebook data cannot be added for PBAP compatible Bluetooth® phones.

- 1 Touch “New Contact”.



- 2 Use the software keyboard to input the name and touch “OK”.

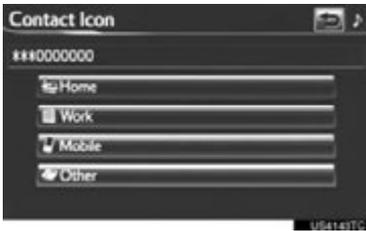


- 3** Input the phone number and touch “OK”.



- To use a tone signal after the phone number, input the tone signal too.

- 4** Touch the phone type.



- 5** When 2 or less numbers in total are registered to this contact, this screen is displayed.

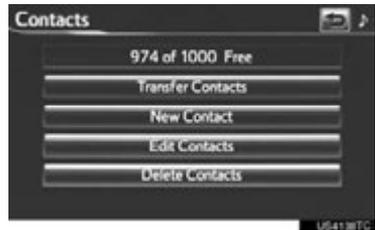


- To add a number to this contact, touch “Yes”.

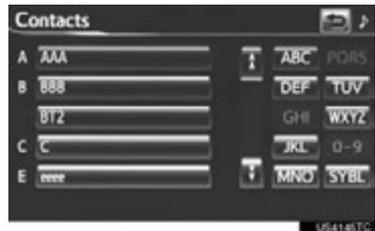
## EDITING THE PHONEBOOK DATA

The phone number can be registered in “Phone # 1”, “Phone # 2” and “Phone # 3” separately. Phonebooks cannot be edited for PBAP compatible Bluetooth® phones via the navigation system.

- 1** Touch “Edit Contacts”.



- 2** Touch the desired data to edit.



- 3** Touch the desired name or number.



- 4** Edit the name or the number. (See “REGISTERING THE PHONEBOOK DATA” on page 149.)

- 5** Touch “Save” when editing is completed.

## ■ THE “Edit Contact” SCREEN CAN ALSO BE DISPLAYED

► From the “Contact” screen

- 1 Press the “**HOME**” button and touch “**Phone**”, or press the  switch on the steering wheel.
- 2 Touch “**Contacts**” on the “Phone” screen.
- 3 Touch the desired data from the list on the “Contacts” screen.
- 4 Touch “**Options**”.



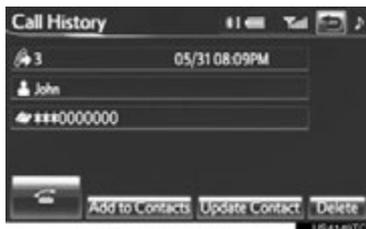
- 5 Touch “**Edit**”.



► From the “Call History” screen

- 1 Press the “**HOME**” button and touch “**Phone**”, or press the  switch on the steering wheel.
- 2 Touch “**Call History**” on the “Phone” screen.
- 3 Touch the desired number from the list on the “Call History” screen.

- 4 Touch “**Add to Contacts**” or “**Update Contact**”.



- 5 If “**Update Contact**” has been touched, this screen will be displayed. Touch the desired data from the list.



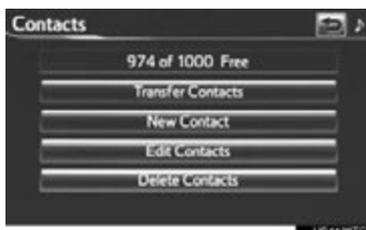
## ■ DELETING THE PHONEBOOK DATA

The data can be deleted.

When selling or disposing of the vehicle, delete all your data on the system.

For PBAP compatible phones, delete the phonebook data after setting “**Automatically Download Contacts**” to “**Off**”. (See “PBAP compatible models automatic data transfer setting” on page 147.)

- 1 Touch “**Delete Contacts**”.



- 2 Touch the desired data or **“Select All”**, then touch **“Delete”**.



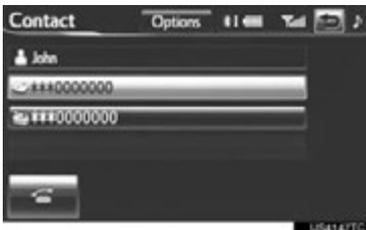
- Multiple data can be selected and deleted at the same time.

- 3 Touch **“Yes”**.

### ALTERNATIVE PHONEBOOK DATA DELETION METHOD

▶ PBAP incompatible but OPP compatible models

- 1 Press the **“HOME”** button and touch **“Phone”**, or press the switch on the steering wheel.
- 2 Touch **“Contacts”** on the “Phone” screen.
- 3 Touch the desired data from the list on the “Contacts” screen.
- 4 Touch **“Options”**.



- 5 Touch **“Delete”**.



- 6 Touch **“Yes”**.

#### INFORMATION

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

### SPEED DIALS SETTING

Speed dials can be registered and deleted.

- 1 Press the **“HOME”** button.
- 2 Touch on the “Main Menu” screen.
- 3 Touch **“Phone”** on the “Setup” screen.
- 4 Touch **“Phonebook”** on the “Phone Settings” screen.
- 5 Touch **“Manage Speed Dials”**.



- 6 Perform each setting according to the procedures outlined on the following pages.



■ **THE “Speed Dials” SCREEN CAN ALSO BE DISPLAYED**

► From the “Speed Dial” screen

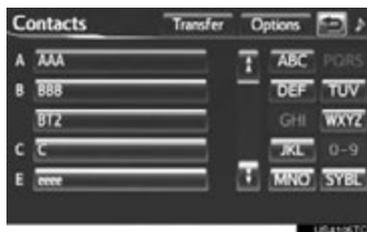
- 1 Press the “**HOME**” button and touch “**Phone**”, or press the  switch on the steering wheel.
- 2 Touch “**Speed Dials**” on the “Phone” screen.
- 3 Touch “**Options**”.



► From the “Contacts” screen

- 1 Press the “**HOME**” button and touch “**Phone**”, or press the  switch on the steering wheel.
- 2 Touch “**Contacts**” on the “Phone” screen.

- 3 Touch “**Options**”.



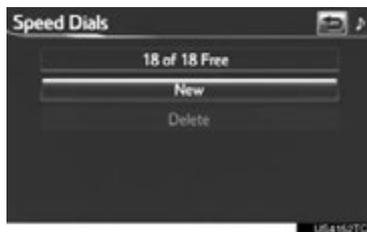
- 4 Touch “**Manage Speed Dials**”.



■ **REGISTERING THE SPEED DIAL**

Speed dial numbers can be registered by selecting the desired number from the phonebook. Up to 18 numbers per phone can be registered as a speed dial.

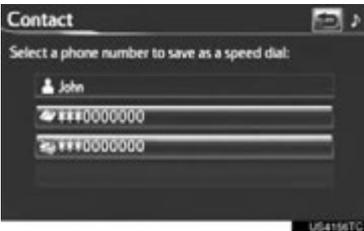
- 1 Touch “**New**”.



2 Touch the desired data to be registered.



3 Touch the desired phone number.



4 Touch the desired speed dial location.

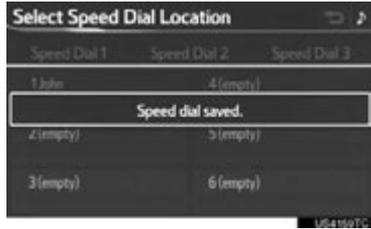


5 If a location that is already in use is touched, this screen will be displayed.



● Touch “Yes” to replace it.

6 When this screen is displayed, the operation is complete.



**THE SPEED DIAL CAN ALSO BE REGISTERED**

► From the “Speed Dial” screen

1 Press the “HOME” button and touch “Phone”, or press the switch on the steering wheel.

2 Touch “Speed Dials” on the “Phone” screen.

3 Touch “(add new)”.



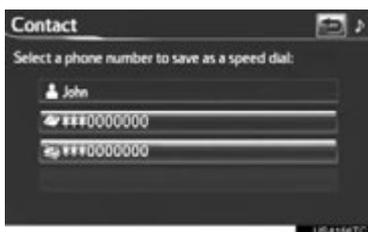
- 4 Touch “Yes” to set new speed dial.



- 5 Touch the desired data to be registered.



- 6 Touch the desired phone number.



► From the “Contact” screen

- 1 Press the “HOME” button and touch “Phone”, or press the switch on the steering wheel.
- 2 Touch “Contacts” on the “Phone” screen.
- 3 Touch the desired data from the list on the “Contacts” screen.

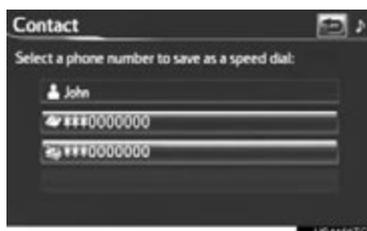
- 4 Touch “Options”.



- 5 Touch “Set Speed Dial”.



- 6 This screen is displayed.



- The following operations are performed in the same manner as when they are performed from the “Setup” screen.

#### ■ DELETING THE SPEED DIAL

The speed dial can be deleted.

- 1 Touch “Delete”.



- 2** Touch the desired data, or to delete all the data touch **“Select All”**, then touch **“Delete”**.



- Multiple data can be selected and deleted at the same time.

- 3** Touch **“Yes”**.

## DELETING CALL HISTORY

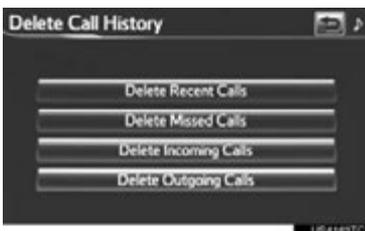
The call history can be deleted.

For PBAP compatible phones, delete the call history after setting **“Automatically Download Call History”** to **“Off”**. (See “PBAP compatible models automatic data transfer setting” on page 147.)

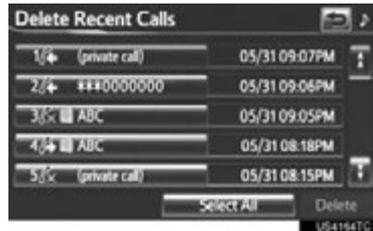
- 1** Touch **“Delete Call History”**.



- 2** Touch the desired history to delete.



- 3** Touch the desired data, or to delete all the data touch **“Select All”**, then touch **“Delete”**.



- Multiple data can be selected and deleted at the same time.

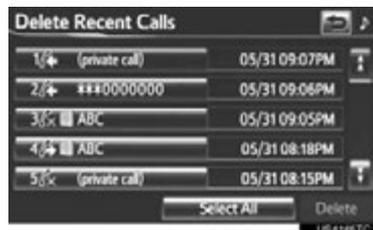
- 4** Touch **“Yes”**.

## THE CALL HISTORY CAN ALSO BE DELETED

- 1 Press the **“HOME”** button and touch **“Phone”**, or press the  switch on the steering wheel.
- 2 Touch **“Call History”** on the “Phone” screen.
- 3 Touch **“Delete”**.

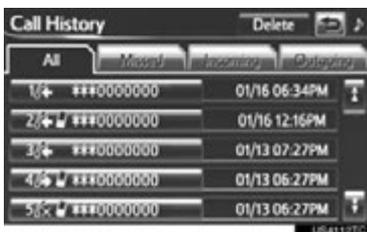


- 4** This screen is displayed.

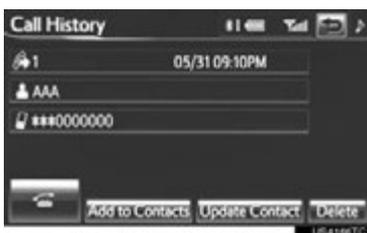


- The following operations are performed in the same manner as when they are performed from the “Setup” screen.
  - Other call history can be operated similarly.
- ▶ Deleting after call history has been displayed
- 1 Press the “**HOME**” button and touch “**Phone**”, or press the  switch on the steering wheel.

- 2 Touch “**Call History**” on the “Phone” screen.
- 3 Touch the desired history to be deleted.



- 4 Touch “**Delete**”.



- 5 Touch “**Yes**”.

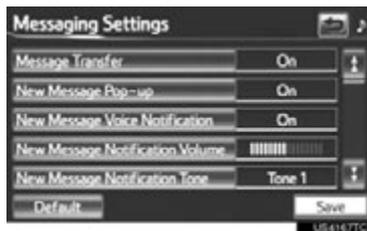
## MESSAGE SETTINGS

Message settings can be changed.

- 1 Press the “**HOME**” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “**Phone**” on the “Setup” screen.
- 4 Touch “**Messaging Settings**”.



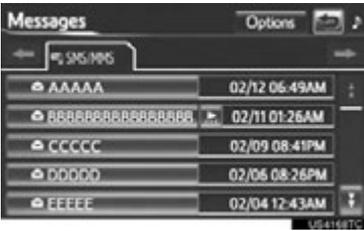
- 5 Perform each setting according to the procedures outlined on the following pages.



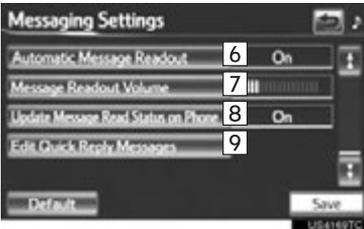
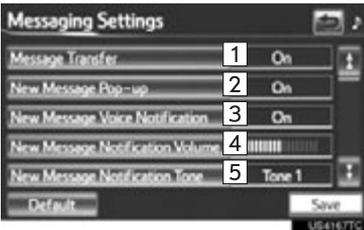
- 6 Touch “**Save**” when each setting is completed.

**THE “Messaging Settings” SCREEN CAN ALSO BE DISPLAYED**

- 1 Press the “HOME” button and touch “Phone”, or press the  switch on the steering wheel.
- 2 Touch “Messages” on the “Phone” screen.
- 3 Touch “Options”.



**SCREEN FOR “Messaging Settings”**



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

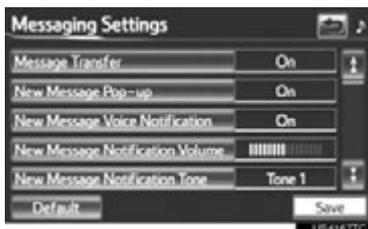
No.	Function
1	Touch to set message forwarding from cellular phones to “On” or “Off”.
2	Touch to set the new message notification display to “On” or “Off”.
3	Touch to set the new message voice notification to “On” or “Off”.
4	Touch to adjust the new message notification volume. (See “NEW MESSAGE NOTIFICATION VOLUME SETTINGS” on page 159.)
5	Touch to select a new message voice notification tone. (See “NEW MESSAGE NOTIFICATION TONE SETTINGS” on page 159.)
6	Touch to set the automatic message read out function to “On” or “Off”.
7	Touch to adjust the message read out volume. (See “MESSAGE READ OUT VOLUME SETTINGS” on page 160.)
8	Touch to set the cellular phone’s message read and unread status update function to “On” or “Off”.
9	Touch to edit “Edit Quick Reply Messages”. (See “EDIT QUICK REPLY MESSAGES” on page 160.)

- To reset all setup items, touch “Default”.

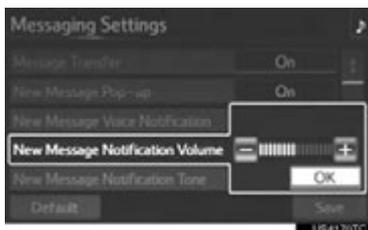
## NEW MESSAGE NOTIFICATION VOLUME SETTINGS

The new message notification volume can be adjusted.

- 1 Touch “New Message Notification Volume”.



- 2 Touch “-” or “+” to adjust the new message notification volume.



- 3 Touch “OK”.

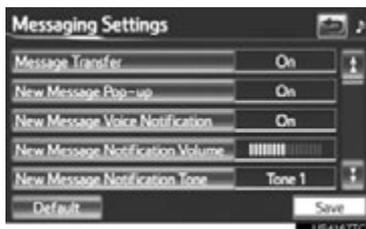
### INFORMATION

- The system will automatically increase the volume when the speed exceeds 50 mph (80 km/h).

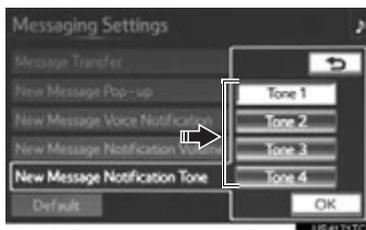
## NEW MESSAGE NOTIFICATION TONE SETTINGS

A new message voice notification tone can be selected.

- 1 Touch “New Message Notification Tone”.



- 2 Touch the desired new message notification tone.



- New message notification tones can be heard by touching the screen buttons.

- 3 Touch “OK”.

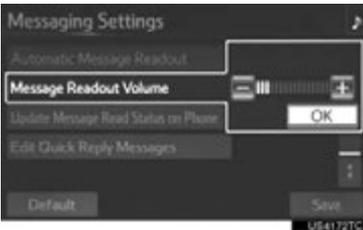
## MESSAGE READ OUT VOLUME SETTINGS

Message read out volume can be adjusted.

- 1 Touch “**Message Readout Volume**”.



- 2 Touch “-” or “+” to adjust the message read out volume.



- 3 Touch “**OK**”.

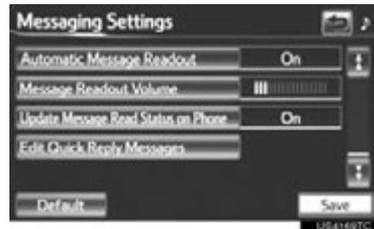
### INFORMATION

- The system will automatically increase the volume when the speed exceeds 50 mph (80 km/h).

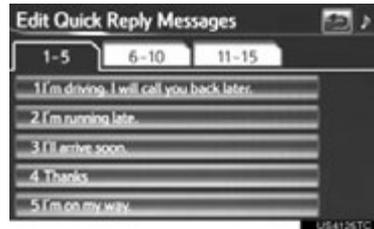
## EDIT QUICK REPLY MESSAGES

Quick reply messages can be edited. 15 messages have already been stored.

- 1 Touch “**Edit Quick Reply Messages**”.



- 2 Touch the screen button corresponding to the desired message.



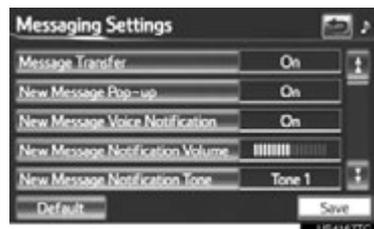
- 3 Use the software keyboard to edit the message.

- 4 Touch “**OK**”.

## INITIALIZING THE SETTINGS

The settings can be initialized.

- 1 Touch “**Default**”.



- 2 Touch “Yes”.

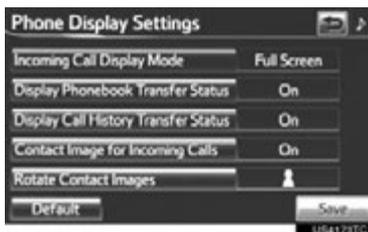
## PHONE DISPLAY SETTINGS

The phone display settings can be changed.

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Phone” on the “Setup” screen.
- 4 Touch “Phone Display Settings”.

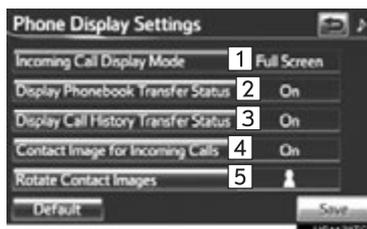


- 5 Perform each setting according to the procedures outlined on the following pages.



- 6 When each setting is completed, touch “Save”.

## SCREEN FOR “Phone Display Settings”



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

No.	Function
1	Touch to change the incoming call display. (See “INCOMING CALL DISPLAY” on page 162.)
2	For PBAP compatible models, touch to set the display of the automatic phonebook transfer completion message to “On” or “Off”.
3	For PBAP compatible models, touch to set the display of the automatic call history transfer completion message to “On” or “Off”.
4	For PBAP compatible models, touch to set the display of images during calls to “On” or “Off”.
5	For PBAP compatible models, touch to set the orientation of images displayed during calls. (See “ROTATING CONTACT IMAGES” on page 162.)

- To reset all setup items, touch “Default”.

### INFORMATION

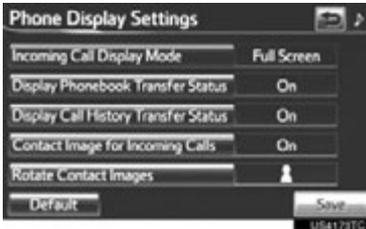
- Depending on the phone, these functions may not be available even if the phone is PBAP compatible.

## INCOMING CALL DISPLAY

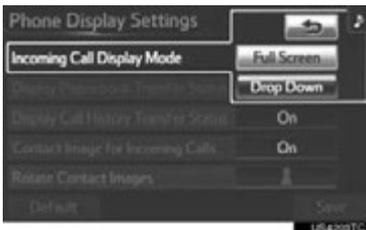
The type of incoming call display can be selected.



- 1 Touch **"Incoming Call Display Mode"**.



- 2 Touch **"Full Screen"** or **"Drop Down"**.



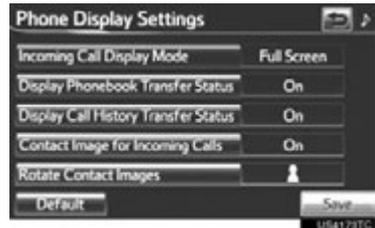
- 3 Touch **"Save"**.

Screen button	Function
"Full Screen" mode	When a call is received, the hands-free screen is displayed and it can be operated on the screen.
"Drop Down" mode	The message is displayed on the upper side of the screen and it can only be operated via the steering wheel switches.

## ROTATING CONTACT IMAGES

For PBAP compatible models, when **"Contact Image for Incoming Calls"** is set to **"On"**, images stored together with phone numbers in the cellular phone's phonebook will be transferred and displayed during the incoming call. The orientation of the image can be set.

- 1 Touch **"Rotate Contact Images"**.



- 2 Select the desired orientation of the image to be displayed.

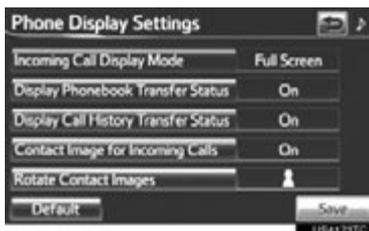


- 3 Touch **"Save"**.

## INITIALIZING THE SETTINGS

The settings can be initialized.

- 1 Touch “Default”.

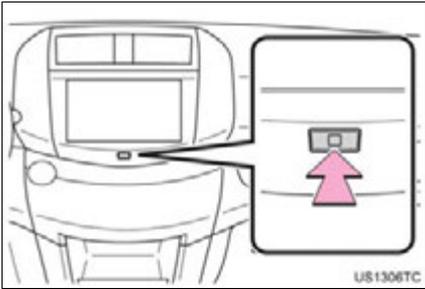


- 2 Touch “Yes”.

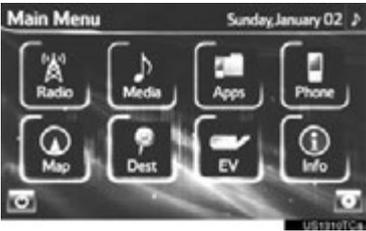
# 2. Bluetooth® SETTINGS

A Bluetooth® device can be set up.

- 1 Press the “HOME” button.



- 2 Touch .



- 3 Touch “Bluetooth”.



- 4 Perform each setting according to the procedures outlined on the following pages.



## REGISTERED DEVICES

A Bluetooth® device can be registered, deleted or set up.

- 1 Press the “HOME” button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch “Bluetooth” on the “Setup” screen.
- 4 Touch “Registered Devices”.



- 5 Perform each setting according to the procedures outlined on the following pages.



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

## REGISTERING A Bluetooth® DEVICE

Bluetooth® devices compatible with phones (HFP) and portable players (AVP) can be registered simultaneously. Phones (HFP) and portable players (AVP) (maximum of 5) can be registered.

- 1 Touch **“Add New”** to register a Bluetooth® device to the system.



- If 5 Bluetooth® devices have already been registered, a registered device needs to be deleted. See **“▶When 5 Bluetooth® devices have already been registered”** on page 166.

- 2 When this screen is displayed, input the passcode displayed on the screen into the Bluetooth® device.



- For details about entering the passcode into the Bluetooth® device, see the manual that comes with it.

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

- To cancel the registration, touch **“Cancel”**.

- 3 When the connection is completed, this screen is displayed.



- When using the same device, it is not necessary to register it again.



- When this screen is displayed, follow the guidance on the screen to try again.



- When another Bluetooth® device is currently connected, this screen is displayed.

- To disconnect the Bluetooth® device, touch **“Yes”**.

► When 5 Bluetooth® devices have already been registered

- 1 When 5 Bluetooth® devices have already been registered, a registered device needs to be deleted. Touch “**Yes**” to delete one or more.
- 2 Touch the device to be deleted, then touch “**Remove**”.
- 3 Touch “**Yes**”.

### DELETING A Bluetooth® DEVICE

- 1 Touch “**Remove**”.



- 2 Touch the desired device, or to delete all the devices touch “**Select All**”, then touch “**Remove**”.



- Multiple devices can be selected and deleted at the same time.
- 3 Touch “**Yes**”.

#### INFORMATION

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

### EDITING THE Bluetooth® DEVICE

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

“**Device Name**”: The name of the Bluetooth® device which is displayed on the screen. It can be changed to a desired name.

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

“**Device Address**”: The device address is unique to each device. It cannot be changed.

- If two Bluetooth® devices have been registered with the same device name, the devices can be distinguished referring to the device’s address.

“**My Phone Number**”: The phone number of the Bluetooth® phone is displayed on the screen. Depending on the type of phone, the phone number may not be displayed.

“**Profiles**”: The compatibility profile of the Bluetooth® device is displayed on the screen.

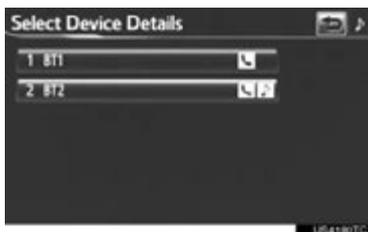
“**Connect Portable Player from**”: There are 2 portable player connection settings available; “**Vehicle**” and “**Portable Player**”.

### CHANGING A DEVICE NAME

- 1 Touch “**Details**”.



- 2 Touch the device to be edited.



- 3 Touch “Device Name”.



- 4 Use the software keyboard to input the device name and touch “OK”.



- 5 Confirm the device name and touch “OK”.

## ■ SETTING PORTABLE PLAYER CONNECTION METHOD

- 1 Touch “Connect Portable Player from”.



- 2 Touch the desired connection method.



“**Vehicle**”:

Touch to connect the audio system to the portable player.

“**Portable Player**”:

Touch to connect the portable player to the audio system.

- Depending on the portable player, the “**Vehicle**” or “**Portable Player**” connection method may be best. As such, refer to the manual that comes with the portable player.
- 3 Touch “OK”.

## SELECTING A Bluetooth® PHONE

If more than one Bluetooth® phone has been registered, it is necessary to select which phone to connect to.

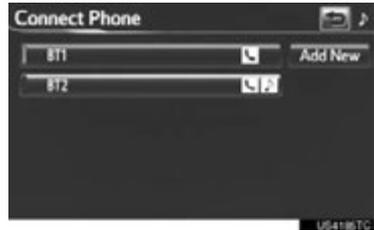
It is possible to select from up to 5 registered Bluetooth® devices (Phones (HFP) and portable players (AVP) (maximum of 5) can be registered.)

Although up to 5 Bluetooth® phones can be registered in the system, only one Bluetooth® phone can function at a time.

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Bluetooth\*”** on the “Setup” screen.
- 4 Touch **“Connect Phone”**.



- 5 Touch the phone to be connected.



- The indicator of the selected Bluetooth® phone will turn on.

- If the desired Bluetooth® phone is not on the list, touch **“Add New”** to register the phone. (See page 165.)
- The currently connected Bluetooth® phone’s screen button will have a Bluetooth® mark displayed on it. If the currently connected Bluetooth® phone’s screen button is touched, the Bluetooth® phone can be disconnected. Touch **“Yes”** to disconnect.

- 6 The “Connect Bluetooth\*” screen is displayed.



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

- 7 When the result message is displayed, the Bluetooth® phone can be used.



- ▶ When a phone is connected while Bluetooth® audio is playing
- This screen is displayed, and the Bluetooth® audio will stop temporarily.



- ▶ When another Bluetooth® device is connected
- When another Bluetooth® device is currently connected, this screen is displayed. To disconnect the Bluetooth® device, touch "Yes".



## SELECTING PORTABLE PLAYER

If more than one portable player has been registered, it is necessary to select which portable player to connect to.

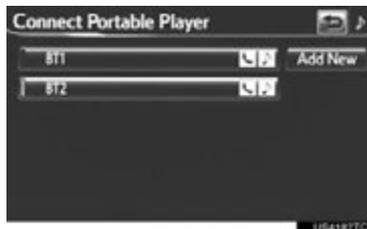
It is possible to select from up to 5 registered Bluetooth® devices (Phones (HFP) and portable players (AVP) (maximum of 5) can be registered.)

Although up to 5 portable players can be registered in the system, only one portable player can function at a time.

- 1 Press the "HOME" button.
- 2 Touch  on the "Main Menu" screen.
- 3 Touch "Bluetooth\*" on the "Setup" screen.
- 4 Touch "Connect Portable Player".



- 5 Touch the desired portable player to be connected.



- The indicator of the selected portable player will turn on.
- \*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

- If the desired portable player is not on the list, touch **“Add New”** to register the portable player. (See page 165.)
- The currently connected portable player’s screen button will have a Bluetooth® mark displayed on it. If the currently connected portable player’s screen button is touched, the portable player can be disconnected. Touch **“Yes”** to disconnect.

**6** The **“Connect Bluetooth\*”** screen is displayed.



**7** When the result message is displayed, the portable player can be used.



▶ When another Bluetooth® device is connected

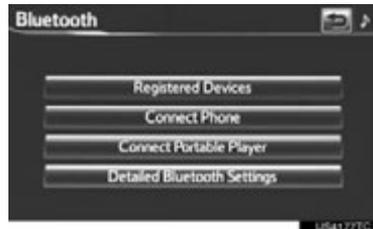
- When another Bluetooth® device is currently connected, this screen is displayed. To disconnect it, touch **“Yes”**.



### DETAILED Bluetooth® SETTINGS

The Bluetooth® settings can be confirmed and changed.

- 1 Press the **“HOME”** button.
- 2 Touch  on the **“Main Menu”** screen.
- 3 Touch **“Bluetooth\*”** on the **“Setup”** screen.
- 4 Touch **“Detailed Bluetooth\* Settings”**.



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

5 This screen is displayed.



- The information displays the following items:

Screen button	Information
“Device Name”	This name will be displayed on the device when it is connected. It can be changed to a desired name.
“Passcode”	The password that was set when the Bluetooth® device was registered can be changed.
“Device Address”	The device address is unique to each device. It cannot be changed.
“Profiles”	The compatibility profile of the Bluetooth® device is displayed on the screen. (See pages 124 and 205.)

- If it is desirable to change the settings, refer to the following pages.
- When the settings have been changed, touch “**Save**”.

## CHANGING THE Bluetooth® SETTINGS

The Bluetooth® settings can be changed according to the following procedures.

### ■ CHANGING “Bluetooth\* Power”

The “Bluetooth\* Power” display shows the following state.

#### When “Bluetooth\* Power” is “On”:

The Bluetooth® device is automatically connected when the “POWER” switch is in ACCESSORY or ON mode.

**When “Bluetooth\* Power” is “Off”:** The Bluetooth® device is disconnected, and the system will not connect to it next time.

- The “Bluetooth\* Power” auto connection state can be set on or off.
  - “On”: The auto connection is turned on.
  - “Off”: The auto connection is turned off.
- The auto connection state cannot be changed from “On” to “Off” while driving, but it can be changed from “Off” to “On”.

#### 1 Touch “Bluetooth\* Power”.



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

- 2 Touch “On” or “Off”.



- 3 Touch “Save”.

- In the event the state of “Bluetooth\* Power” is changed from “Off” to “On”, Bluetooth® connection will begin.

## EDITING THE DEVICE NAME

- 1 Touch “Device Name”.



- 2 Use the software keyboard to input the device name and touch “OK”.



- 3 Touch “Save”.

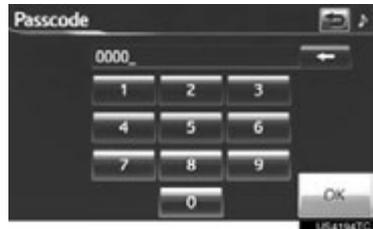
- \*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

## EDITING THE PASSCODE

- 1 Touch “Passcode”.



- 2 Input a passcode and touch “OK”.



- 3 Touch “Save”.

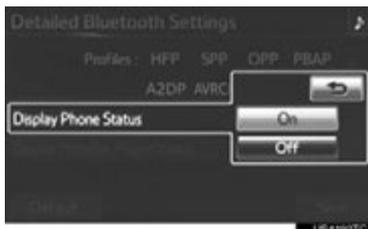
## Bluetooth® DEVICE CONNECTION STATUS DISPLAY SETTINGS

When “**Bluetooth\* Power**” is “**On**” and the “**POWER**” witch is in **ACCESSORY** or **ON** mode, the Bluetooth® phone and portable player’s connection status can be displayed. (See “**CHANGING ‘Bluetooth\* Power’**” on page 171.)

- 1 Touch “**Display Phone Status**” or “**Display Portable Player Status**”.



- 2 Touch “**On**”.

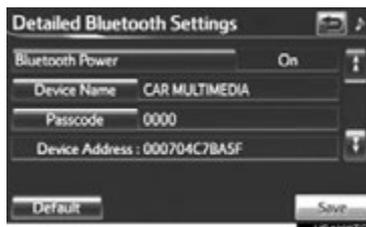


- 3 Touch “**Save**”.

## INITIALIZING THE Bluetooth® SETTINGS

The settings can be initialized.

- 1 Touch “**Default**”.



- 2 Touch “**Yes**”.

- If the state of “**Bluetooth\* Power**” is changed from “**Off**” into “**On**”, Bluetooth® connection will begin.

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

# 5

## AUDIO SYSTEM

### 1 AUDIO SYSTEM OPERATION

- 1. QUICK REFERENCE ..... 176**
- 2. SOME BASICS ..... 177**
  - VOICE COMMAND SYSTEM ..... 177
  - AUDIO SPLIT SCREEN DISPLAY ..... 177
  - TURNING THE SYSTEM  
ON AND OFF ..... 177
  - SWITCHING BETWEEN  
FUNCTIONS ..... 178
  - DSP CONTROL ..... 178
  - TONE AND BALANCE ..... 179
  - AUX PORT ..... 180
  - USB PORT ..... 181
- 3. RADIO OPERATION ..... 182**
  - LISTENING TO THE RADIO ..... 182
  - PRESETTING A STATION ..... 183
  - SELECTING A STATION ..... 183
  - RADIO BROADCAST  
DATA SYSTEM ..... 184
  - TRAFFIC ANNOUNCEMENT ..... 185
- 4. HD Radio™ TECHNOLOGY  
INFORMATION ..... 186**
  - USING HD Radio™ TECHNOLOGY .... 186
  - AVAILABLE HD Radio™  
TECHNOLOGY ..... 187
  - TROUBLESHOOTING GUIDE ..... 188

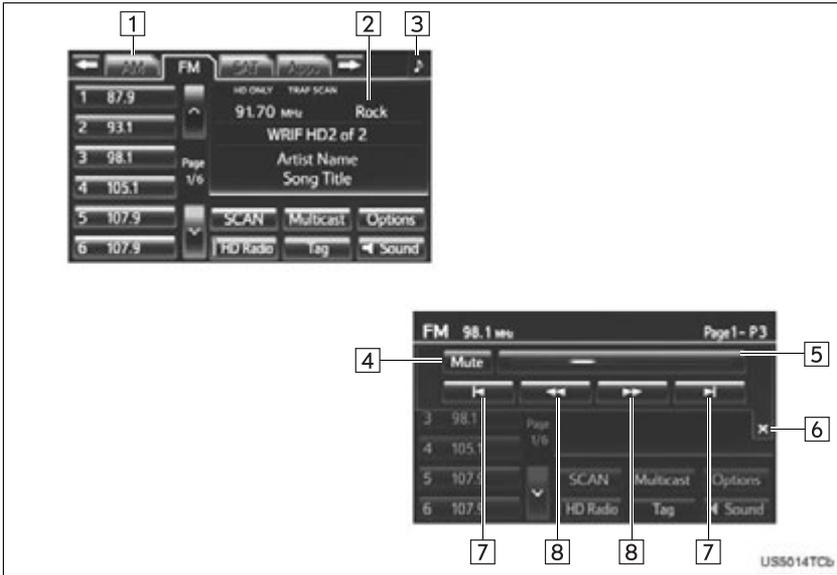
## AUDIO SYSTEM

<b>5. RADIO OPERATION (XM Satellite Radio BROADCAST) .....</b>	<b>190</b>
HOW TO SUBSCRIBE TO AN XM Satellite Radio.....	190
DISPLAYING THE RADIO ID.....	190
LISTENING TO SATELLITE RADIO ...	191
CHANNEL CATEGORY .....	191
PRESETTING A CHANNEL .....	191
SELECTING A CHANNEL.....	192
DISPLAYING THE TITLE AND NAME.....	192
IF THE SATELLITE RADIO TUNER MALFUNCTIONS.....	193
<b>6. RADIO OPERATION (INTERNET RADIO BROADCAST).....</b>	<b>195</b>
LISTENING TO INTERNET RADIO ....	195
<b>7. USB MEMORY OPERATION .....</b>	<b>196</b>
CONNECTING A USB MEMORY .....	196
PLAYING A USB MEMORY .....	197
<b>8. iPod OPERATION .....</b>	<b>201</b>
CONNECTING iPod .....	201
PLAYING iPod.....	202
<b>9. Bluetooth® AUDIO OPERATION .....</b>	<b>205</b>
CONNECTING A Bluetooth® AUDIO PLAYER.....	207
PLAYING Bluetooth® AUDIO.....	209
<b>10. AUDIO REMOTE CONTROLS (STEERING SWITCHES).....</b>	<b>213</b>
<b>11. AUDIO SYSTEM OPERATING HINTS.....</b>	<b>214</b>
RADIO RECEPTION.....	214
iPod.....	215
USB MEMORY .....	215
MP3/WMA FILES .....	215
TERMS .....	217
<b>2 SETUP</b>	
<b>1. AUDIO SETTINGS .....</b>	<b>220</b>
HD Radio™ SYSTEM SETTINGS .....	220
iPod SETTINGS.....	221

# 1. AUDIO SYSTEM OPERATION

## 1. QUICK REFERENCE

Operations such as selecting a preset station and adjusting the sound balance are carried out on the screen. Press the **“HOME”** button and touch **“Radio”** or **“Media”** to display the audio screen. By touching  on the top right of the screen, volume adjustment, and radio station and media selection can be performed.



No.	Name/Icon	Function	Page
1	Function menu tab	Touch the screen tabs to select the desired radio or media mode.	178
2	Function menu display screen	Use this screen to control the selected radio or media mode.	178
3		Touch to display the audio control screen.	182, 198, 202, 210
4	“Mute”/ 	Touch to mute when in radio mode or pause when in a media mode. Touch again to hear the radio at the previous volume or resume the media mode.	—
5	Volume	Touch or drag to adjust the volume.	—
6		Touch to return to the previous screen.	—
7		Touch to seek up or down for a station, or to access a desired track or file.	182, 192, 198, 202, 210
8		Touch to step up and step down the station band, change to the next or previous satellite radio channel, etc.	182, 191, 199, 203, 210

## 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 "POWER" switch is turned to ACCESSORY or ON mode.

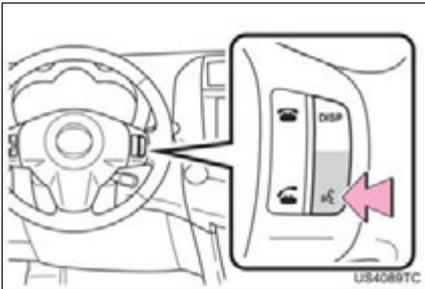


### NOTICE

- To prevent the 12-volt battery from being discharged, do not leave the audio system on longer than necessary when the EV system is off.

### VOICE COMMAND SYSTEM

Press this switch to operate the voice command system.



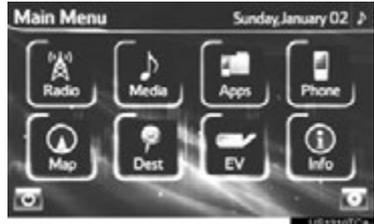
- For the operation of the voice command system and its list of commands, see pages 224 and 231.

### AUDIO SPLIT SCREEN DISPLAY

The audio split screen can be displayed while the map screen is displayed. For details, see page 42.



### TURNING THE SYSTEM ON AND OFF



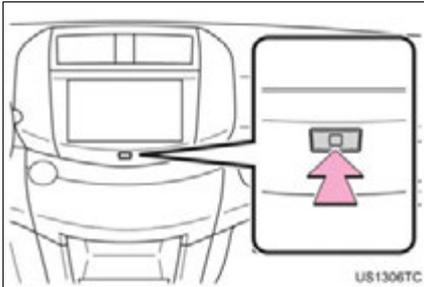
**"Radio", "Media"**: Touch to display screen buttons for the audio system.

: Touch to turn the audio system on and off. The system turns on in the last mode used.

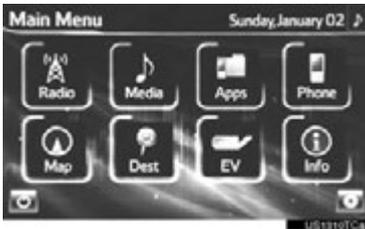
- A function that enables automatic return to the previous screen from the audio screen can be selected. See page 46 for details.

## SWITCHING BETWEEN FUNCTIONS

- 1 Press the **“HOME”** button.



- 2 Touch **“Radio”** or **“Media”**.



- 3 The desired audio mode can be found by touching  or  and then selecting that audio mode tab.



- The audio control mode changes in the following order:
  - **“AM”**, **“FM”**, **“SAT”**, **“Apps”**, **“USB”/“iPod”**, **“BT audio”** and **“AUX”**

## INFORMATION

- A function that enables automatic return to the previous screen from the audio screen can be selected. See page 46 for details.
- When the audio control mode is selected, the respective screen buttons are displayed on the screen.
- Dimmed screen buttons cannot be operated.
- If the system does not respond to a touch of a screen button, move your finger away from the screen and then touch it again.
- Wipe off fingerprints using a glass cleaning cloth. Do not use chemical cleaners to clean the screen.

## DSP CONTROL

- 1 Press the **“HOME”** button.
- 2 Touch **“Radio”** or **“Media”** on the **“Main Menu”** screen.
- 3 Touch .



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



- 5 Touch the item to be set.
- 6 Touch "OK".

## 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 Touch "Automatic Sound Levelizer".
- 2 Touch the desired screen button.



No.	Function
1	Maximum adjustment
2	Medium adjustment
3	Minimum adjustment

- To turn off the ASL function, touch "Off".

- 3 Touch "OK".

## TONE AND BALANCE

### TONE

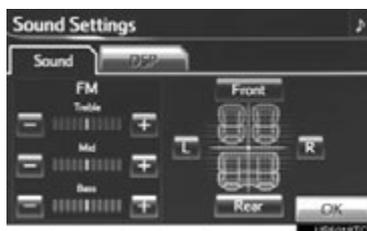
How good an audio program sounds is largely determined by the mix of the treble, mid and bass levels. In fact, different kinds of music and vocal programs usually sound better with different mixes of treble, mid and bass.

### BALANCE

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

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

- 1 Touch the "Sound" tab to display this screen.



- 2 Touch the desired screen button.

Screen button	Function
"Treble" "+" or "-"	Touch to adjust high-pitched tones.
"Mid" "+" or "-"	Touch to adjust mid-pitched tones.
"Bass" "+" or "-"	Touch to adjust low-pitched tones.
"Front" or "Rear"	Touch to adjust the sound balance between the front and rear speakers.
"L" or "R"	Touch to adjust the sound balance between the left and right speakers.

- 3 Touch "OK".

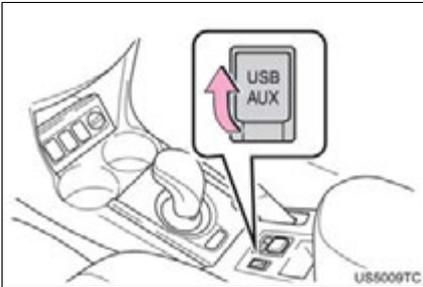
**INFORMATION**

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

**AUX PORT**

This port can be used to connect a portable audio device and listen to it through the vehicle's speakers.

- 1 Open the cover and connect the portable audio device.



- 2 Press the “HOME” button and touch “Media” to display the audio screen. Touch the “AUX” tab.

**CAUTION**

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

**NOTICE**

- Do not leave portable audio device in the vehicle. The temperature inside the vehicle may become high, resulting in damage to the player.
- Do not push down on or apply unnecessary pressure to the portable audio device while it is connected as this may damage the portable audio device or its terminal.
- Do not insert foreign objects into the port as this may damage the portable audio device or its terminal.

**INFORMATION**

- When operating portable audio devices connected to the audio system, the volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.
- When using a portable audio device connected to the power outlet, noise may occur during playback. Use the power source of the portable audio device.
- When the portable audio player is not connected to the AUX port, the tab will be dimmed.

## USB PORT

A USB memory/iPod can be connected to the USB port. For details, see “CONNECTING A USB MEMORY” on page 196 and “CONNECTING iPod” on page 201.

- 1 Press the “**HOME**” button and touch “**Media**” to display the audio screen. Touch the “**USB**” or “**iPod**” tab.

### INFORMATION

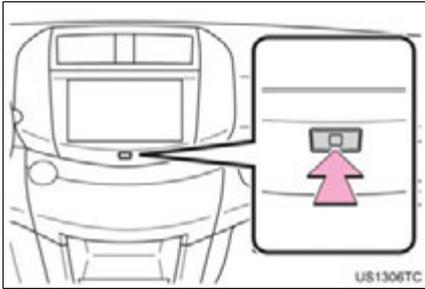
- When a USB memory/iPod is not connected with the USB port, the tab will be dimmed.

### 3. RADIO OPERATION

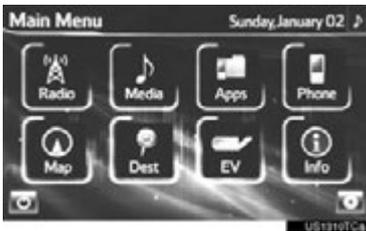
#### LISTENING TO THE RADIO

##### SELECTING A RADIO STATION

1 Press the “HOME” button.



2 Touch “Radio”.



3 Touch the “AM”, “FM”, “SAT” or “Apps” tab.



#### STEP UP AND DOWN THE STATION BAND AND SEEK TUNING

1 Touch .



2 This screen is displayed.



No.	Function
1	Touch to seek down for a station of the nearest frequency and will stop when a station is found.
2	Touch to step down the station band.
3	Touch to step up the station band.
4	Touch to seek up for a station of the nearest frequency and will stop when a station is found.

#### INFORMATION

- Each time the screen button is pressed during seek tuning, the stations will be searched automatically one after another.
- The radio automatically changes to stereo reception when a stereo broadcast is received.

## PRESETTING A STATION

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

- 1 Tune in the desired station.
- 2 Touch one of the left side screen buttons (1-6) 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.

## 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.

**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 HD Radio™ system, see page 220.)

## 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

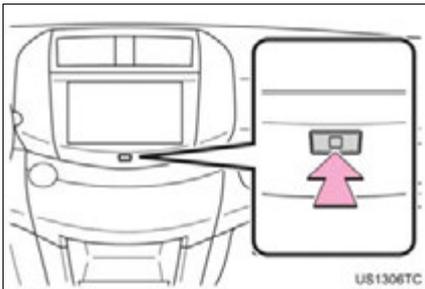
- If no traffic program station is found, “No Traffic” will appear on the screen.
- If a traffic program station is found, the name of the traffic program station will be displayed for a while.

# 4. HD Radio™ TECHNOLOGY INFORMATION

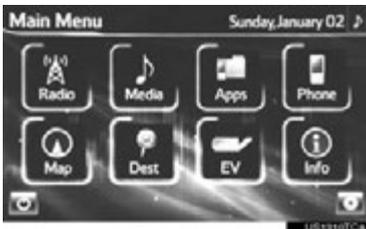
HD Radio™ Technology is the digital evolution of analog AM/FM radio. Your radio product has a special receiver which allows it to receive digital broadcasts (where available) in addition to the analog broadcasts it already receives. Digital broadcasts have better sound quality than analog broadcasts 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](http://www.hdradio.com).

## USING HD Radio™ TECHNOLOGY

1 Press the “HOME” button.



2 Touch “Radio”.



3 Touch the “AM” or “FM” tab.



- 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.
- The song title, artist name and music genre will appear on the screen when available by the radio station.

4 This screen will be displayed if “Options” is touched.



- When “Text” is touched, information such as the artist name, song title, album title and music genre of the track being listened to are displayed on the text screen. To display messages from the station, touch “Additional Information”.
- When “TYPE >” or “< TYPE” is touched, a program type will be searched. Once a program type has been set, “TYPE SEEK” will appear on the screen. (See “SELECTING A DESIRED TYPE” on page 184.)

## AVAILABLE HD Radio™ TECHNOLOGY

### MULTICAST

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

#### 1 Touch “Multicast”.



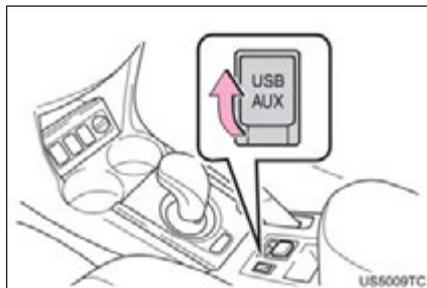
- Each time “Multicast” is touched, the supplemental program changes.
- If “Multicast” is touched when tuned to the last of the supplemental programs, the main program will be returned to.

### TAG

#### 1 Touch “Tag” to bookmark the music information.



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



- 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 had 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 user may hear a short period of programming replayed 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 " <b>Analog</b> " can force radio in an analog audio.
Audio mute condition when an HD2/HD3 multicast channel had 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; <a href="http://www.ibiquity.com/automotive/report_radio_station_experiences">www.ibiquity.com/automotive/report_radio_station_experiences</a> .
No text information shown for the present selected frequency.	Data service issue by the radio broadcaster.	Broadcaster should be notified. Complete the form; <a href="http://www.ibiquity.com/automotive/report_radio_station_experiences">www.ibiquity.com/automotive/report_radio_station_experiences</a> .



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## 5. RADIO OPERATION (XM Satellite Radio BROADCAST)

### HOW TO SUBSCRIBE TO AN XM Satellite Radio

To listen to a satellite radio broadcast in the vehicle, a subscription to the XM Satellite Radio service is necessary.

An XM Satellite Radio is a tuner designed exclusively to receive broadcasts provided under a separate subscription. Availability is limited to the 48 contiguous U.S. states and some Canadian provinces.

### HOW TO SUBSCRIBE

It is necessary to enter into a separate service agreement with XM Satellite Radio in order to receive satellite broadcast programming in the vehicle. Additional activation and service subscription fees apply that are not included in the purchase price of the vehicle and digital satellite tuner.

- For complete information on subscription rates and terms, or to subscribe to XM Satellite Radio:

▶ U.S.A.

Refer to [www.siriusxm.com](http://www.siriusxm.com) or call 1-800-967-2346.

▶ Canada

Refer to [www.xmradio.ca](http://www.xmradio.ca) or call 1-877-209-0079.

### INFORMATION

- XM Satellite Radio is solely responsible for the quality, availability and content of the satellite radio services provided, which are subject to the terms and conditions of the XM Satellite Radio customer service agreement.
- Customers should have their radio ID ready; the radio ID can be found by tuning to "CH 000" on the radio. For details, see "DISPLAYING THE RADIO ID" below.
- All fees and programming are the responsibility of XM Satellite Radio and are subject to change.

### SATELLITE TUNER TECHNOLOGY NOTICE

Toyota's satellite radio tuners are awarded Type Approval Certificates from XM Satellite Radio Inc. as proof of compatibility with the services offered by XM Satellite Radio.

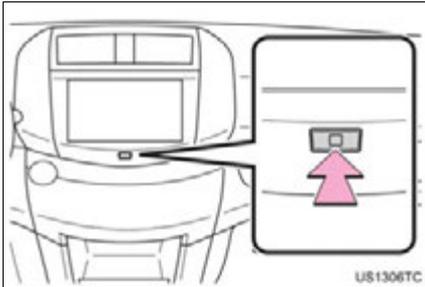
### DISPLAYING THE RADIO ID

Each XM tuner is identified with a unique radio ID. The radio ID is required when activating an XM service or when reporting a problem.

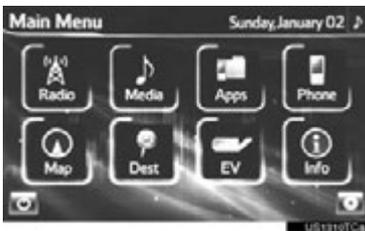
- If "CH 000" is selected using the  or  on the audio control screen, the ID code, which is 8 alphanumeric characters, will be displayed. If another channel is selected, the ID code will no longer be displayed. The channel (000) alternates between displaying the radio ID and the specific radio code.

## LISTENING TO SATELLITE RADIO

- 1 Press the “HOME” button.



- 2 Touch “Radio”.



- 3 Touch the “SAT” tab.



- 4 Touch .

- 5 Touch  or  to select the next or previous channel.



## CHANNEL CATEGORY

- 1 Touch either “TYPE >” or “< TYPE” to go to the next or previous category.



## PRESETTING A CHANNEL

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



- To change the preset channel to a different one, follow the same procedure.

## SELECTING A CHANNEL

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

**Preset tuning:** Touch the channel selector screen button (1-6) to listen to the desired channel. The selected screen button (1-6) is highlighted and its related information appears on the right side of the screen.

**To select a channel within the current category:** Touch  or  on the audio control screen. The radio will change up or down to a channel within the current channel category.



**To scan the currently selected channel category:** Touch “SCAN”. “SCAN” appears on the screen. The radio will find the next channel in the same channel category, stay there for a few seconds, and then scan again. To select a channel, touch “SCAN” again.

## DISPLAYING THE TITLE AND NAME

- 1 Touch “Text” to display the artist name and song title currently being listening to.



### INFORMATION

- Up to 64 alphanumeric characters can be displayed. (Some information will not be fully displayed.)

## IF THE SATELLITE RADIO TUNER MALFUNCTIONS

When problems occur with the XM tuner, a message will appear on the screen. Referring to the table below to identify the problem, take the suggested corrective action.

Message	Explanation
Ck Antenna	The XM antenna is not connected. Check whether the XM antenna cable is attached securely.
	A short circuit occurs in the antenna or the surrounding antenna cable. See a Toyota certified dealer for assistance.
Ch Unauth	You have not subscribed to XM Satellite Radio. The radio is being updated with the latest encryption code. Contact XM Satellite Radio for subscription information. When a contract is canceled, you can choose "CH 000" and all free-to-air channels.
	The premium channel you selected is not authorized. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel. To listen to the premium channel, contact XM Satellite Radio.
No Signal	The XM signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
Loading	The unit is acquiring audio or program information. Wait until the unit has received the information.
Ch Off Air	The channel you selected is not broadcasting any programming. Select another channel.
-----	There is no song/program title or artist name/feature associated with the channel at that time. No action is required.
Ch Unavail	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or "CH 001". If it does not change automatically, select another channel.

### INFORMATION

- Contact the XM Listener Care Center at 1-800-967-2346 (U.S.A.) or 1-877-209-0079 (Canada).

**NOTICE**

- This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
- If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- Information to user
  - Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

**INFORMATION**

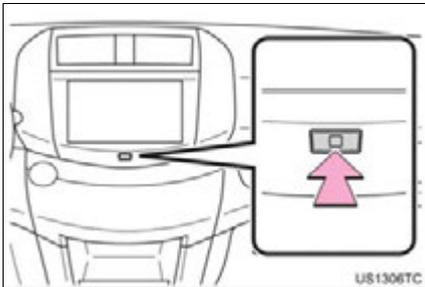
- This XM tuner supports "Audio Services" (Music and Talk) of only XM Satellite Radio and "Text Information\*" linked to the respective "Audio Services".
  - \*: Text Information includes, Station Name, (Artist) Name, (Song) Title and Category Name.

## 6. RADIO OPERATION (INTERNET RADIO BROADCAST)

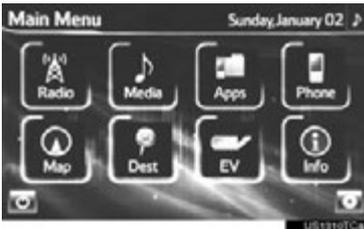
## LISTENING TO INTERNET RADIO

One of Entune's features is the ability to listen to internet radio. In order to use this service, an Entune compatible phone and the navigation system needs to be set. For details, refer to the "ENTUNE SERVICE" section. (See page 252.)

- 1 Press the "HOME" button.



- 2 Touch "Radio".



- 3 Touch the "Apps" tab.



- If a compatible phone is already registered, it will be connected automatically.

- If a compatible phone has not been registered or the Bluetooth® connection cannot be completed correctly, touch "Connect" to register and/or connect your phone. (See page 164.)

- When connection is complete, the application screen can be displayed.

4 Touch "View Application Screen".

- The internet radio application screen is displayed.
- Perform operations according to the displayed application screen.
- By pressing the "HOME" button and touching "Radio", the audio screen can be returned to.

INFORMATION

- Other applications can be activated while listening to internet radio.
- An iPhone cannot be connected via Bluetooth® and USB connection at the same time. However, it is possible to recharge an iPhone while using Entune by connecting via USB. The system uses the connection method that was used last. Therefore, if connected via USB after Bluetooth® connection, it is necessary to reconnect the iPhone via Bluetooth®.
- Services requiring a separate contract can also be used.\*
- Some parts of "Apps" can be adjusted using the switches on the steering wheel.
- If internet radio has never been listened to by activating "Apps" from the "Main Menu" screen, the "Apps" tab will be dimmed.

\*: For details, refer to <http://www.toyota.com/entune/> or call 1-800-331-4331.

# 7. USB MEMORY OPERATION

Connecting a USB memory enables users to enjoy music from the vehicle speakers.

**CAUTION**

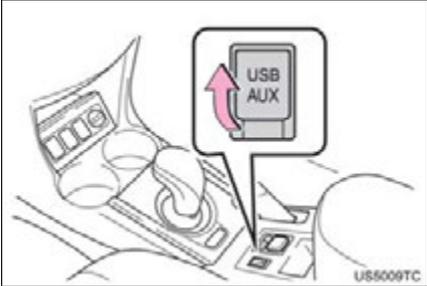
- Do not operate the player's controls or connect the USB memory while driving.

**NOTICE**

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

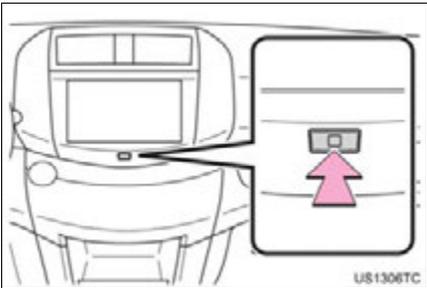
## CONNECTING A USB MEMORY

1 Open the cover and connect a USB memory.

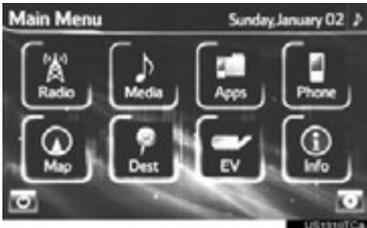


- Turn on the power of the USB memory if it is not turned on.

2 Press the "HOME" button.



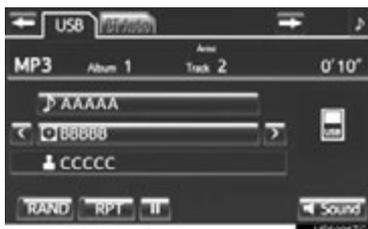
3 Touch "Media".



## PLAYING A USB MEMORY

### PLAYING AND PAUSING A USB MEMORY

#### ▶ Tag mode



#### ▶ Folder mode



- 1 If a USB memory has already been connected, touch the **"USB"** tab to select USB mode.

#### INFORMATION

- If tag information exists, the file/folder names will be changed to track/album names.

▶ : Touch to start playing the music.

II : Touch to pause the music.

▶ : Touch to start playing the music again.

#### INFORMATION

- When the USB memory is connected and the audio source is changed to USB memory mode, the USB memory will start playing the first file in the first folder. If the same device is removed and reinserted (and the contents have not been changed), the USB memory will resume playing from the same point it was last used.
- Depending on the USB memory that is connected to the system, certain functions may not be available.

### SELECTING A DESIRED FOLDER/ALBUM

#### ON THE USB TOP SCREEN



▶, ◀ : Touch to skip to the next or previous folder/album.



## ■ ON THE FILE/TRACK LIST SCREEN

- 1 Touch the file/track name screen button to display the following file/track list screen.



- 2 Touch the desired file/track number. The player will start playing the selected file/track from the beginning.

, : Touch to move the list up or down by 5 file/track groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

, : If appears to the right of an item name, the complete name is too long for the screen. Touch to scroll to the end of the name. Touch to scroll to the beginning of the name.

## ■ FAST FORWARDING OR REWINDING

- 1 Touch .
- 2 Touch and hold or to fast forward or rewind the file/track.



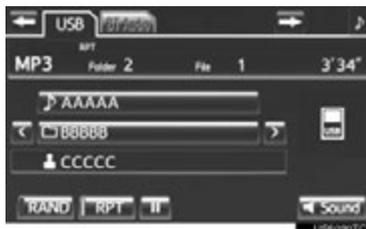
- When the screen button is released, the player resumes playing from that position.

## REPEATING

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

## ■ REPEATING A FILE/TRACK

- 1 Touch “RPT” while the file or track is playing.



- Each time “RPT” is touched, the mode changes as follows:
  - ▶ When “RAND” is off
    - File/Track Repeat → Folder/Album Repeat → Off
  - ▶ When “RAND” is on
    - File/Track Repeat → Off
- “RPT” appears on the screen. When the file/track is finished, the player will automatically play it again. To cancel this function, touch “RPT” repeatedly until the repeat mode turns off.

## ■ REPEATING A FOLDER/ALBUM

- 1 Touch “RPT” repeatedly until “FLD.RPT” appears on the screen.
- When the folder/album is finished, the player will automatically go back to the beginning of the folder/album and play it again. To cancel this function, touch “RPT” again.

## RANDOM ORDER

Files or folders can be automatically and randomly selected.

### PLAYING FILES/TRACKS IN RANDOM ORDER

- 1 Touch **“RAND”** while the file or track is playing.



- Each time **“RAND”** is touched, the mode changes as follows:
  - Random (1 Folder/Album Random) → Folder/Album Random (All Folder/Album Random) → Off
- Once **“RAND”** appears on the screen, the system selects a file/track randomly from the folder/album currently being listened to. To cancel this function, touch **“RAND”** repeatedly until the random mode turns off.

### ALL FOLDER/ALBUM RANDOM PLAY

- 1 Touch **“RAND”** repeatedly until **“FLD.RAND”** appears on the screen.
- Once **“FLD.RAND”/“ALB.RAND”** appears on the screen, the system selects a file randomly from all of the existing folders or albums. To cancel this function, touch **“RAND”** again.

## 8. iPod OPERATION

Connecting an iPod enables users to enjoy music from the vehicle speakers.

### CAUTION

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

### NOTICE

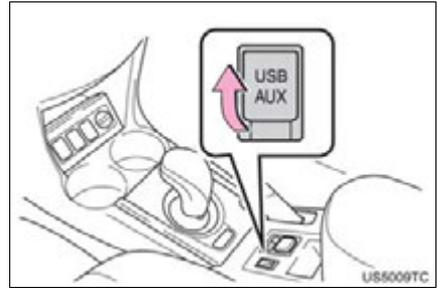
- Do not leave your portable player in the car. In particular, high temperatures inside the vehicle may damage the portable player.
- Do not push down on or apply unnecessary pressure to the portable player while it is connected as this may damage the portable player or its terminal.
- Do not insert foreign objects into the port as this may damage the portable player or its terminal.
- When Entune is used on an iPhone while playing iPod music, the operation may become unstable. (See "ENTUNE SERVICE" on page 252.)

### INFORMATION

- When an iPod is connected using a genuine iPod cable, the iPod starts charging its battery.

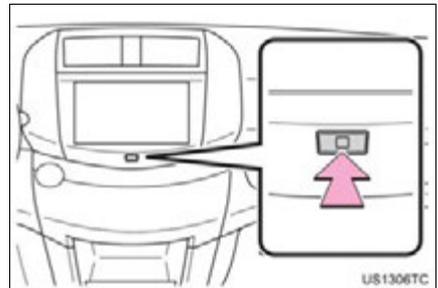
## CONNECTING iPod

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

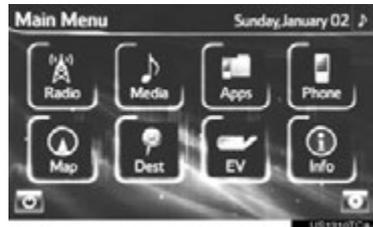


- Turn on the power of the iPod if it is not turned on.

- Press the "HOME" button.



- Touch "Media".



## PLAYING iPod

### PLAYING AND PAUSING iPod



- 1 If an iPod has already been connected, touch the **"iPod"** tab to display the screen.

: Touch to start playing the music.

: Touch to pause the music.

: Touch to start playing the music again.

### INFORMATION

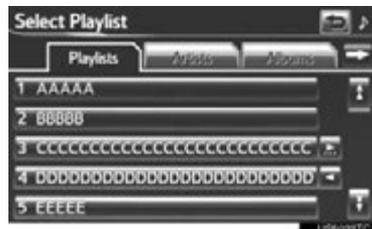
- When the iPod connected to the system includes iPod video, the system can only output the sound by touching **"Video"** on the "iPod" screen.
- Depending on the iPod, the video sound may not be able to be heard.
- Depending on the iPod and the songs in the iPod, iPod cover art may be displayed. This function can be changed to "On" or "Off". See "iPod SETTINGS" on page 221. It may take time to display iPod cover art, and the iPod may not be operated while the cover art display is in process. Only the iPod cover art that is saved in JPEG format can be displayed.
- When an iPod is connected and the audio source is changed to iPod mode, the iPod will resume playing from the same point it was last used.
- Depending on the iPod that is connected to the system, certain functions may not be available.

## SELECTING A PLAY MODE

- 1 Touch **"Browse"**.



- 2 Select the desired play mode.



## SELECTING A DESIRED TRACK

### ON THE iPod TOP SCREEN

- 1 Touch .

- 2 Touch or repeatedly until the desired track number appears on the screen. The player will start playing the selected track from the beginning.



## ON THE TRACK LIST SCREEN

- 1 Touch the track name screen button to display the following track list screen.



- 2 Touch the desired track number. The player will start playing the selected track from the beginning.

, : Touch to move the list up or down by 5 track groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

, : If appears to the right of an item name, the complete name is too long for the screen. Touch to scroll to the end of the name. Touch to scroll to the beginning of the name.

## FAST FORWARDING OR REWINDING

- 1 Touch .
- 2 Touch and hold or to fast forward or rewind the player.

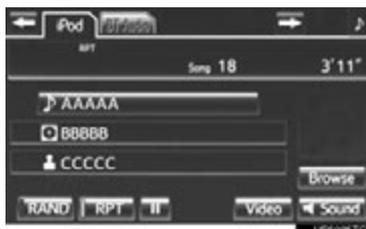


- When the screen button is released, the player resumes playing from that position.

## REPEATING

The track currently being listened to can be repeated.

- 1 Touch “RPT” while the track is playing.



- “RPT” appears on the screen. When the track is finished, the player will automatically play it again. To cancel this function, touch “RPT” again.

## RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

## PLAYING TRACKS IN RANDOM ORDER

- 1 Touch “RAND” while the track is playing.



- Each time “RAND” is touched, the mode changes as follows:
  - Track Shuffle → Album Shuffle → Off
- Once “RAND” appears on the screen, the system selects a track randomly from all of the existing albums on the iPod. To cancel this function, touch “RAND” twice.

## ■ PLAYING ALBUMS IN RANDOM ORDER

- 1 Touch **“RAND”** repeatedly until **“ALB.RAND”** appears on the screen.
- Once **“ALB.RAND”** appears on the screen, the system selects an album randomly from all of the existing albums on the iPod. To cancel this function, touch **“RAND”** again.

## 9. Bluetooth® AUDIO OPERATION

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

This audio system supports Bluetooth®, a wireless data system capable of playing portable audio music without cables. If your portable player does not support Bluetooth®, the Bluetooth® audio system will not function.



Bluetooth is a trademark owned by Bluetooth SIG, Inc.

### CAUTION

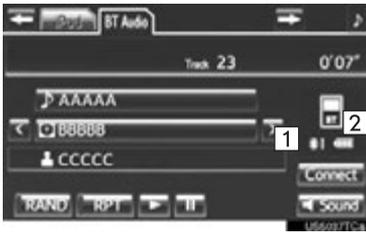
- Do not operate the player's controls or connect to the Bluetooth® audio system while driving.

### NOTICE

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

### INFORMATION

- In the following conditions, the system may not function:
  - The portable player is turned off.
  - The portable player is not connected.
  - The portable player has a low battery.
- It may take time to connect the phone when Bluetooth® audio is being played.
- Portable players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, some functions may be limited depending on the type of portable player. Also, the different screen is displayed depending on which portable player is connecting.
  - 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)
- Refer to <http://www.toyota.com/bluetooth> to find approved Bluetooth® devices for this system.



1 The quality of the Bluetooth® connection is indicated as follows:

: An excellent connection to Bluetooth®.

: Indicates a bad connection to Bluetooth®, resulting in possible deterioration of audio quality.

: No connection to Bluetooth®.

2 Indicates the amount of battery charge left.



**INFORMATION**

- Remaining charge is not displayed while the Bluetooth® device is connecting.
- The amount left does not always correspond with the one of your portable player.
- This system does not have a charging function.
- An antenna for Bluetooth® connection is built into the instrument panel. The condition of the Bluetooth® connection may not be good and the system may not function when using a Bluetooth® portable player in the following conditions:
  - The portable player is hiding from the display (behind a seat or in the glove box or console box).
  - The portable player touches or is covered with metal materials.
- Leave the Bluetooth® portable player in a place where the condition of Bluetooth® connection is good.

● Portable player information is registered when the portable player is connected to the Bluetooth® audio system. When selling or disposing of the vehicle, remove the Bluetooth® audio information from the system. (See “DELETING A Bluetooth® DEVICE” on page 166.)

● **FCC ID : HYQDNNS078**

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



**CAUTION**

- **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 environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. 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.

**CONNECTING A Bluetooth® AUDIO PLAYER**

To use the Bluetooth® audio system, it is necessary to register a portable player with the system. Once the portable player has been registered, it is possible to listen to the music.

Once the portable player has been registered, it is possible to listen to music through the navigation system. (See "REGISTERING A Bluetooth® DEVICE" on page 165.)

**INFORMATION**

- For operating the portable player, see the instruction manual that comes with it.

**WHEN "Bluetooth\* Power" IS ON**

- The portable player will be automatically connected under the following conditions:
  - The "POWER" switch is in either ACCESSORY or ON mode.
  - When "**Bluetooth\* Power**" is switched from off to on.
  - When the portable player is disconnected for some reason.

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

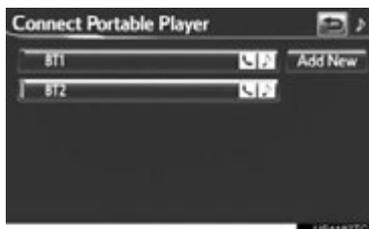
## WHEN “Bluetooth® Power” IS OFF

Manually connect the portable player in accordance with the following procedure.

### 1 Touch “Connect”.



### 2 Touch the desired portable player.



### 3 When the connection is completed, this screen is displayed. It is now possible to use the portable player.



## INFORMATION

- Touching “Connect Portable Player” on the “Bluetooth\*” screen also connects a Bluetooth® audio player. (See page 169.)
- When none of the selectable portable players have been registered, a screen confirming registration is displayed. Registration method is the same as phone registration. (See page 128.)
- When the currently connected portable player is selected, a screen confirming the selected player’s disconnection is displayed. (See page 170.)
- If connection fails once, a changing connection method confirmation screen is displayed. If connection fails 2 or more times, a message will be displayed. When this message is displayed, try again.

## RECONNECTING THE PORTABLE PLAYER

If the portable player is disconnected due to poor reception from the Bluetooth® network when the “POWER” switch is in ACCESSORY or ON mode, the system automatically reconnects the portable player.

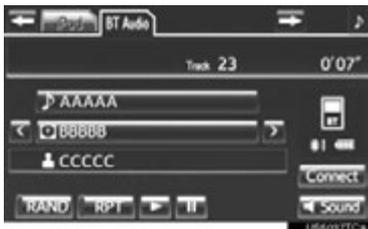
- If the Bluetooth® device is disconnected on purpose, such as it was turned off, this does not happen. Reconnect the portable player manually.

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

## PLAYING Bluetooth® AUDIO

### PLAYING AND PAUSING Bluetooth® AUDIO

- 1 If a Bluetooth® audio player has already been connected, touch the “**BT Audio**” tab to display the screen.



- ▶: Touch to start playing the music.
- ⏸: Touch to pause the music.
- ▶: Touch to start playing the music again.
- Depending on the portable player that is connected to the system, the music may start playing when touching **⏸** while it is paused. Conversely, the music may pause when touching **▶** while it is playing.
- \*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

## SELECTING A DESIRED TRACK/FOLDER/ALBUM

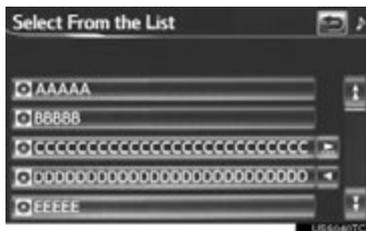
### ON THE AUDIO TOP SCREEN



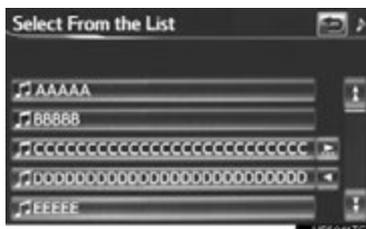
- ▶, ◀: Touch to skip to the next or previous album.

### ON THE PLAYLIST SCREEN

- 1 Touch the album name screen button to display the following playlist screen.



- 2 Touch the desired screen button.
- If the folder name screen button is touched, the track list screen is displayed.
- 3 Touch the desired track name screen button.



⬆️, ⬇️: Touch to move the list up or down by 5 track/folder groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

⬅️, ➡️: If ➡️ appears to the right of an item name, the complete name is too long for the screen. Touch ➡️ to scroll to the end of the name. Touch ⬅️ to scroll to the beginning of the name.

### FAST FORWARDING OR REWINDING

- 1 Touch ⏩.
- 2 Touch and hold ⏩ or ⏮ to fast forward or rewind the song.



- When the screen button is released, the player resumes playing from that position.

### INFORMATION

- Depending on the portable player that is connected to the system, certain functions may not be available.
- Some titles may not be displayed depending on the type of portable player.

### SELECTING A DESIRED TRACK

#### ON THE AUDIO TOP SCREEN

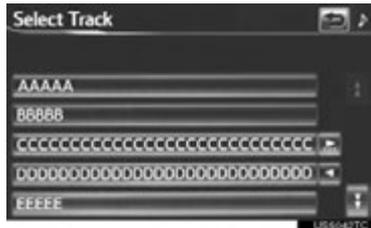
- 1 Touch ⏪.

Touch ⏪ or ⏩ repeatedly until the desired track number appears on the screen. The player will start playing the selected track from the beginning.



#### ON THE TRACK LIST SCREEN

- 1 Touch the track name screen button to display the following track list screen.



- 2 Touch the desired track number. The player will start playing the selected track from the beginning.

⬆️, ⬇️: Touch to move the list up or down by 5 track groups. If either of these screen buttons is touched when the top/bottom page of the list is displayed, the last/first page is displayed.

⬅️, ➡️: If ➡️ appears to the right of an item name, the complete name is too long for the screen. Touch ➡️ to scroll to the end of the name. Touch ⬅️ to scroll to the beginning of the name.

**INFORMATION**

- Depending on the portable player that is connected to the system, certain functions may not be available.

**FAST FORWARDING OR REWINDING**

- 1 Touch .
- 2 Touch and hold  or  to fast forward or rewind the track.



- When the screen button is released, the player resumes playing from that position.

**REPEATING**

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

**REPEATING A TRACK**

- 1 Touch “RPT” while the track is playing.



- Each time “RPT” is touched, the mode changes as follows:
  - Track Repeat → Album Repeat → Off
- “RPT” appears on the screen. When the track is finished, the player will automatically play it again. To cancel this function, touch “RPT” repeatedly until the repeat mode turns off.

**REPEATING AN ALBUM**

- 1 Touch “RPT” repeatedly until “ALB.RPT” appears on the screen.
- When the album is finished, the player will automatically go back to the beginning of the album and play it again. To cancel this function, touch “RPT” again.

## RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

### PLAYING THE TRACKS ON THE ALBUM IN RANDOM ORDER

- 1 Touch **"RAND"** while the track is playing.



- Each time **"RAND"** is touched, the mode changes as follows:
  - Album Random → All Track Random → Off
- Once **"RAND"** appears on the screen, the system selects a track randomly from the album currently being listened to. To cancel this function, touch **"RAND"** repeatedly until the random mode turns off.

### PLAYING TRACKS FROM ALL THE ALBUMS IN RANDOM ORDER

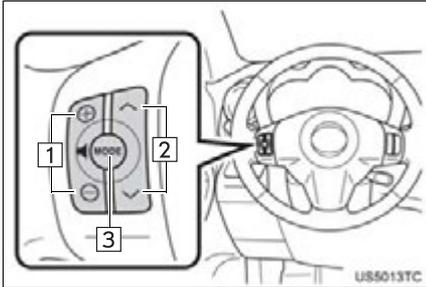
- 1 Touch **"RAND"** repeatedly until **"ALB.RAND"** appears on the screen.
- Once **"ALB.RAND"** appears on the screen, the system selects a track randomly from all of the existing albums on the Bluetooth® device. To cancel this function, touch **"RAND"** again.

#### INFORMATION

- Depending on the portable player that is connected to the system, certain functions may not be available.

## 10. AUDIO REMOTE CONTROLS (STEERING SWITCHES)

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



No.	Switch
1	Volume control switch
2	“^ 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 “^ v” switch

►When in radio mode

#### To select a preset station:

Quickly press and release the “^” or “v” side of the switch. Do this again to select the next preset station.

#### To seek a station:

Press and hold the “^” or “v” side of the switch until you hear a beep. Do this again to find the next station. If you press the switch on either side during the seek mode, seeking will be cancelled.

- To step up or down the frequency, press and hold the switch even after you hear a beep. When you release from the switch, the radio will begin seeking up or down for a station. Do this again to find the next station.

►When in media mode

#### To select a desired track or file:

Quickly press and release the “^” or “v” side of the switch until the track or file you want to play is set. If you want to return to the beginning of the current track or file, press the “v” side of the switch once, quickly.

#### To select a desired folder/album (USB memory/Bluetooth® audio):

Press and hold the “^” or “v” switch until a beep is heard to select the next or previous folder/album. Repeat until the desired folder/album is selected.

### 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 to mute or pause the current operation.

## 11. AUDIO SYSTEM OPERATING HINTS



### NOTICE

- To avoid damage to the audio system:
  - Be careful not to spill beverages over the audio system.

### 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 the radio — it is just the normal result of conditions outside the vehicle.

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

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

### FM

**Fading and drifting stations:** Generally, the effective range of FM is about 25 miles (40 km). Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

**Multi-path:** FM signals are reflective, making it possible for two signals to reach the vehicle's antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

**Static and fluttering:** These occur when signals are blocked by buildings, trees or other large objects. Increasing the bass level may reduce static and fluttering.

**Station swapping:** If the FM signal being listened to is interrupted or weakened, and there is another strong station nearby on the FM band, the radio may tune in the second station until the original signal can be picked up again.

### AM

**Fading:** AM broadcasts are reflected by the upper atmosphere — especially at night. These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

**Station interference:** When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast.

**Static:** AM is easily affected by external sources of electrical noise, such as high tension power lines, lightening or electrical motors. This results in static.

### XM

- Cargo loaded on the roof luggage carrier, especially metal objects, may adversely affect the reception of XM Satellite Radio.
- Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

## iPod

Made for



iPod



iPhone

- “Made for iPod” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

## 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 (2nd generation)
- iPod nano (1st generation)
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

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

## 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
  - Correspondence class: Mass storage class

## MP3/WMA FILES

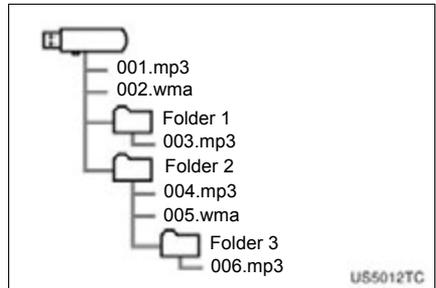
- MP3 (MPEG Audio Layer 3) and WMA (Windows Media Audio) are audio compression standards.
- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).
- The USB memory plays back files with .mp3 or .wma file extensions as MP3 or WMA files. To prevent noise and playback errors, use the appropriate file extensions.
- 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 and artist name.
- The emphasis function is available only when playing MP3/WMA files recorded at 32, 44.1 and 48 kHz.

## SAMPLING FREQUENCY

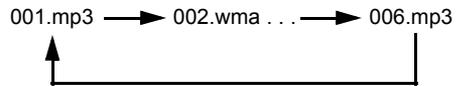
- MP3 files for USB memory:  
MPEG 1 AUDIO LAYER 2, 3 — 32, 44.1, 48 kHz  
MPEG 2 AUDIO LAYER 2, 3 — 16, 22.05, 24 kHz  
WMA files for USB memory:  
Ver. 7, 8, 9 (9.1/9.2) CBR — 32, 44.1, 48 kHz
- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs recorded with a bit rate of at least 128 kbps are recommended.

## PLAYABLE BIT RATES

- MP3 files for USB memory:  
MPEG 1 AUDIO LAYER 3 — 32 to 320 kbps  
MPEG 2 AUDIO LAYER 3 — 8 to 160 kbps  
WMA files for USB memory:  
Ver. 9 (9.1/9.2) CBR — 48 to 320 kbps (VBR\*)  
\*: Variable Bit Rate
- M3u playlists are not compatible with the audio player.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The player is compatible with VBR (Variable Bit Rate).
- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if the fastforward 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 USB memory containing numerous levels of folders. For this reason, we recommend creating USB memory with no more than two levels of folders.



- The play order of the USB memory with the structure shown above is as follows:



- USB memory: It is possible to play up to 3000 folders, 255 files per folder or 9999 files in the device.
- The order changes depending on the personal computer and MP3/WMA encoding software you use.

## TERMS

### 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 a number of characters, the information can be viewed when the track is played back.

### WMA TAG

- WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title and artist name.

### 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 (9.1/9.2).

- 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](http://www.gracenote.com).



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## 2. SETUP

# 1. AUDIO SETTINGS

### HD Radio™ SYSTEM SETTINGS

HD Radio™ system can be set using the procedure outlined below.

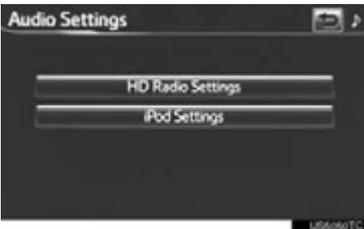
- 1 Press the **“HOME”** button.
- 2 Touch .



- 3 Touch **“Audio”**.



- 4 Touch **“HD Radio Settings”**.



- 5 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.

- 6 Touch **“Save”**.

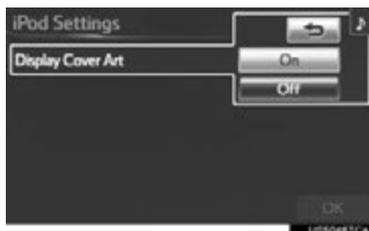
## iPod SETTINGS

iPod can be set using the procedure outlined below.

- 1 Press the **“HOME”** button.
- 2 Touch  on the “Main Menu” screen.
- 3 Touch **“Audio”** on the “Setup” screen.
- 4 Touch **“iPod Settings”**.



- 5 Touch **“Display Cover Art”** and set it to **“On”** or **“Off”**.





# 6

## VOICE COMMAND SYSTEM

### 1 VOICE COMMAND SYSTEM OPERATION

1. VOICE COMMAND SYSTEM..... 224  
STEERING SWITCHES FOR THE  
VOICE COMMAND SYSTEM..... 224  
VOICE COMMAND SYSTEM  
OPERATION ..... 224
2. NATURAL SPEECH  
INFORMATION  
(ENGLISH ONLY) ..... 230
3. EXPANDED VOICE  
COMMANDS ..... 231
4. COMMAND LIST ..... 232

1

2

3

4

5

6

7

8

# 1. VOICE COMMAND SYSTEM

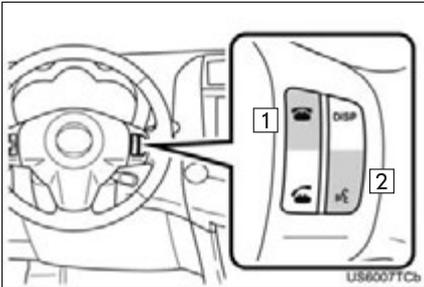
The voice command system enables the navigation, audio and hands-free systems to be operated using voice commands.

The operating procedures of voice commands from the “Shortcut Menu” screen are explained here.

**INFORMATION**

- Commands that are not displayed in the “Shortcut Menu” screen can be operated from the “Main Menu” screen.

## STEERING SWITCHES FOR THE VOICE COMMAND SYSTEM



No.	Function
1	Press to return to the previous screen during voice recognition.
2	Press the talk switch to start the speech command system. To cancel voice recognition, press and hold the talk switch.

## VOICE COMMAND SYSTEM OPERATION

- 1 Press the talk switch.
  - After the “Shortcut Menu” screen has been displayed, voice guidance will commence.
  - Voice guidance for the voice command system can be skipped by pressing the talk switch.
- 2 After a beep sounds, say the command of your choice.



- Voice commands are marked with . Some commonly used commands are displayed on the screen.
- By saying “**Next page**” or “**Previous page**”, or by touching “**Next Pg.**”/“**Prev. Pg.**”, the screen will display the commands displayed on the page in the background.
- Saying “**Main menu**” or touching “**Main Menu**” when the “Shortcut Menu” screen is displayed will display the “Main Menu” screen.
- Registered POIs, registered names in the phonebook etc., can be said in the place of the “<>” next to the commands. (See page 232.)  
For example: Say “**Find nearby dining**”, “**Call John**” etc.

- Saying “**Help**” prompts voice guidance to offer examples of commands and operation methods.

- 3 Say the command displayed on the screen.



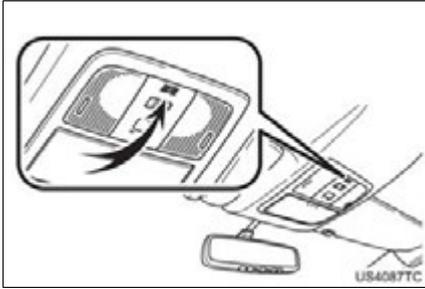
- If a desired outcome is not shown, or if no selections are available, perform one of the following to return to the previous screen:
  - Say **“Go back”**.
  - Touch **“Go Back”**.
  - Press the  switch on the steering wheel.
- To cancel voice recognition, touch **“Cancel”**, or press and hold the talk switch.

#### INFORMATION

- If the navigation system does not respond or the confirmation screen does not disappear, press the talk switch and try again.
- If a voice command cannot be recognized within 6 seconds, voice guidance will say **“Pardon?”** (**“Command not recognized.”** will be displayed on the screen) and voice command reception will restart.
- If a voice command cannot be recognized 2 consecutive times, the voice command guidance system will say **“Paused.** To restart voice recognition, push the talk switch. To cancel voice recognition, push and hold the talk switch.” Voice recognition will then be suspended. Touch **“Cancel”** or **“Go Back”**, or press the  switch on the steering wheel.
- The voice recognition prompt can be set to on or off when **“Voice Prompts”** is touched. This setting can also be changed on the **“Voice Settings”** screen. (See page 52.)
- When **“Voice Prompts”** is touched, voice recognition will be temporarily suspended. Press the talk switch again.
- Voice guidance can be canceled by setting voice prompts to off. Use this setting when it is desirable to say a command immediately after pressing the talk switch and hearing a beep.

## MICROPHONE

It is unnecessary to speak directly into the microphone when giving a command.

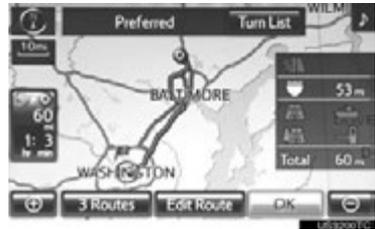


### INFORMATION

- 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 EXAMPLE: SEARCHING FOR A ROUTE TO YOUR HOME

- 1 Press the talk switch.
- 2 Say **“Go home”**.
  - A confirmation screen will be displayed showing the recognition results.
- 3 Say **“Yes”** or touch **“Yes”**.
  - The system starts searching for a route to your home.



- When the voice command is recognized, the map of the area around the home address will be displayed and route guidance to the home address will begin.
- If a home address is not registered, voice guidance will say “Your home is not set. Please try again after setting a home location.” and you will be prompted to enter a home address. (See page 92.)

### VOICE COMMAND EXAMPLE: PERFORMING A DESTINATION SEARCH BY ADDRESS

1 Press the talk switch.

2 Say “*Enter an address*”.

- If the destination’s state/province has not been set or is not contained in the voice command recognition list, the screen to input a state/province will be displayed.



- Some areas cannot be recognized by the voice recognition system.

- For information regarding the state/province setting to perform a destination search by address, see “SELECTING THE SEARCH AREA” on page 56.

3 Say “<city name>”.

- Say the desired city name that belongs to the set state in the place of the “<>”.
- Say “*Change State*” to change the set voice recognition state.

4 Say “<street name>”.

- Say the desired full street name, or main body of the street name that belongs to the set state in the place of the “<>”.
- The voice command recognition is designed to recognize the main body of the official street name.

For example, if the official street name is “*East Main Street*”, the voice command recognition will recognize “*Main*”.

5 Say “<house number>”.

- Say the desired number, cardinal/intercardinal direction etc. in the place of the “<>”.

For example: Say “*West 555*”.

- Inputting the house number can be skipped.

6 Say “*Start guidance*” or “*Show map*”. Alternatively, touch “*Start Guidance*” or “*Show Map*”.



- After this, follow the voice guidance and search for a destination route by voice command operation.

**INFORMATION**

- Even if the state set using voice recognition is different from the set state in the “Address” screen (which was set when a destination was set manually), the set state in the “Address” screen will not change. (For more information on the “Address” screen, see “SELECTING THE SEARCH AREA” on page 56.)
- The house number voice recognition conditions are outlined below:
  - Numerals: 10 digits or less
  - Numerals and cardinal/intercardinal direction or a hyphen and numerals: A total of 9 digits or less (Do not say “and”.)
  - Cardinal/Intercardinal direction or a hyphen and numerals: A total of 9 digits or less (Do not say “and”.)
  - Numerals are recognized as single digits only.
  - The cardinal/intercardinal direction and hyphens are only recognized once.
  - The following cardinal/intercardinal directions can be recognized: North, East, West, South, North East, North West, South East and South West.
- When inputting the house number is skipped and the recognized candidate list has multiple entries and so forth, the full street name may need to be recognized. If this occurs, say the full street name.  
For example, say “**East Main Street**” and “**East Main Street**” will be recognized.

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

- 1 Press the talk switch.
  - “Play Artist <name>” and “Play Album <name>” are displayed in the “Shortcut Menu” screen.
- 2 Say “**Play artist <name>**” or “**Play album <name>**”.
  - Say the desired artist name or album name in the place of the “<>”.
  - A confirmation screen will be displayed showing the recognition results. If multiple matching items are found, a selection screen will be displayed.
- 3 Say “**Yes**” or touch “**Yes**”.
  - The system starts playing music.



- 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](http://www.gracenote.com).

**INFORMATION**

- A USB memory or iPod must be connected to enable track searching and playback. (See “USB MEMORY OPERATION” on page 196 and “iPod OPERATION” on page 201.)
- When a USB memory or iPod is connected, recognition data is created so tracks can be searched using voice commands.
- Recognition data is updated under the following conditions:
  - When the USB memory or iPod data has changed.
  - When the voice recognition language is changed. (See page 49.)
- While the recognition data is being created or being updated, a track search cannot be performed using a voice command.
- While “Play Music” is displayed in the “Shortcut menu” screen, say **“Play music”** to display the music screen from which searching for a track using a voice command can be performed.
- When “Play Music” is dimmed in the “Shortcut Menu” screen, it is not possible to search for a track using a voice command. In this situation, reduce the amount of music data in the USB memory or iPod and update the recognition data to enable searching by voice command.

## 2. NATURAL SPEECH INFORMATION (ENGLISH ONLY)

Due to natural language speech recognition technology, this system enables recognition of a command when spoken naturally. However, the system cannot recognize every variation of each command. In some situations, it is possible to omit the command for the procedure and directly state the desired operation. Not all voice commands are displayed in the short cut menu.

**INFORMATION**

- The “Set a Destination”, “Use the Phone”, “Play Music” and “Get Information” commands displayed on the “Shortcut Menu” screen can be operated using natural language speech recognition technology.
- If the command cannot be recognized completely, the command input screen will be displayed. (Search results will be shown based on the part of the command that was recognized.)

**EXPRESSION EXAMPLES FOR EACH FUNCTION**

Command	Expression examples
“Go Home”	<i>Let's go home. Take me home.</i>
“Enter an Address”	<i>I wanna enter an address, please. Put in an address.</i>
“Find Nearby <POI category>”	<i>Find nearby &lt;Restaurants&gt; for me. I need to see the nearby &lt;Restaurants&gt;.</i>
“Call <name>”	<i>Get me &lt;Robert Brown&gt;. I need to call &lt;Robert Brown&gt; at &lt;Work&gt; right away.</i>

Command	Expression examples
“Dial <number>”	<i>Please dial the number &lt;3334445555&gt;. Ring &lt;3334445555&gt;.</i>
“Play Artist <name>”	<i>Play the artist &lt;XXXXXX&gt;. I'd like to hear the band &lt;XXXXXX&gt;.*</i>
“Play Album <name>”	<i>Play album &lt;XXXXXX&gt;. Music from album &lt;XXXXXX&gt;.*</i>
“Traffic”	<i>How's the traffic? Check the traffic.</i>
“Weather”	<i>What's the weather like? Let's get a forecast.</i>
“Sports Scores”	<i>Team scores. How are my favorite teams doing?</i>
“Stock Quotes”	<i>Stock quotes. How are my stocks doing?</i>

\*: Say the desired artist name or album name in the place of the “<>”.

**INFORMATION**

- Commands that are not displayed in the “Shortcut Menu” screen can be accessed from the main menu.
- For example, to make an “International Call”, say “**Main menu**” while the “Shortcut Menu” screen is being displayed. Then say “**Use the phone**” followed by saying the desired number, e.g. “**123456789**”.

### 3. EXPANDED VOICE COMMANDS

Touching “On” next to “Expanded Voice Commands” on the “Voice Settings” screen enables voice command operation of the audio system. (See page 52.) For more information on operations that can be controlled using expanded voice commands, refer to “COMMAND LIST”. (See page 232.)

#### VOICE COMMAND EXAMPLE: TURN THE AUDIO SYSTEM ON

- 1 Press the talk switch.
- 2 Say “*Audio on*”.



#### INFORMATION

- Commands relating to operation of the audio system can only be performed when the audio system is turned on.
- Expanded voice commands can be recognized when the “Shortcut Menu” screen is displayed.

## 4. COMMAND LIST

Recognizable voice commands and their actions are shown below.

- All commands are listed in the table.
  - For devices that are not installed in the vehicle, the related commands will not be displayed in the “Shortcut Menu” screen. Also, according to conditions, other commands may not be displayed in the “Shortcut Menu” screen.
  - The functions available may vary according to the navigation system installed.
- Voice recognition language can be changed. (See “SELECTING A LANGUAGE” on page 49.)

▶ “Set a Destination”

Command	Action	Shortcut Menu
“Find Nearby <POI category>”	Displays a list of <POI category* <sup>1</sup> > near the current position.	○
“Enter an Address”	Enables setting a destination by saying the address.	○
“Go Home”	Displays the route to home.	○
“Destination by Phone Number” <sup>*2</sup>	Enables setting a destination by saying the phone number.	—

\*1: For example; Hotels, Restaurants, etc.

\*2: To use this function, say **“Main menu”** and then **“Set a destination”** while the “Shortcut Menu” screen is being displayed.

▶ “Use the Phone” (See “BY VOICE RECOGNITION” on page 135.)

Command	Action	Shortcut Menu
“Call <name> <type>”	Calls made by saying a name from the phone-book. For example: Say <b>“Call John Smith”</b> , <b>“Call John Smith, mobile”</b> etc.	○
“Dial <number>”	Calls made by saying the phone number. For example: Say <b>“Dial 911”</b> , <b>“Dial 5556667777”</b> etc.	○
“International Call” <sup>*1</sup>	Calls international numbers by saying the phone number.	—

\*1: To use this function, say **“Main menu”** and then **“Use the phone”** while the “Shortcut Menu” screen is being displayed.

## ▶ “Play Music”

Command	Action	Shortcut Menu
“Play Artist <name>”	Plays tracks by the selected artist. For example: Say “ <b>Play artist &lt;XXXXX&gt;</b> ” *1	○
“Play Album <name>”	Plays tracks from the selected album. For example: Say “ <b>Play album &lt;XXXXX&gt;</b> ” *1	○
“Play Song <name>” *2	Plays the selected track. For example: Say “ <b>Play song Summertime</b> ”, “ <b>Play song Concerto in A Major</b> ” etc.	—
“Play Playlist <name>” *2	Plays tracks from the selected playlist. For example: Say “ <b>Play playlist My Favorite Songs</b> ”, “ <b>Play Playlist Classic Hits</b> ” etc.	—

\*1: Say the desired artist name or album name in the place of the “<”.

\*2: To use this function, say “**Main menu**” and then “**Play music**” while the “Shortcut menu” screen is being displayed.

## ▶ “Get Information”

Command	Action	Shortcut Menu
“Traffic”	Displays the traffic incident list.	○
“Weather”	Displays weather information.	○
“Sports Scores”	Displays the sports list.	○
“Stock Quotes”	Displays the stocks list.	○

► Select audio mode

When Expanded Voice Commands are turned “On”. (See page 231.)

Command	Action	Shortcut Menu
“Radio”	Sets the audio mode to radio.	O
“AM”	Selects the AM band.	O
“FM”	Selects the FM band.	O
“Satellite radio”	Selects the satellite radio mode.	O
“Auxiliary”	Selects the auxiliary audio mode.	O
“Bluetooth* audio”	Selects the Bluetooth® audio mode.	O
“iPod”	Selects the iPod audio mode.	O
“USB audio”	Selects the USB audio mode.	O
“Audio on”	Turns the audio system on.	O
“Audio off”	Turns the audio system off.	O

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

**INFORMATION**

- Commands that have a “O” in the Shortcut Menu column can be recognized from the “Shortcut Menu” screen.
- Commands that have a “—” in the Shortcut Menu column can only be recognized from the screen that they are displayed in.

# 7

## INFORMATION

### 1 INFORMATION DISPLAY

- 1. **MAP DATABASE VERSION AND COVERAGE AREA**..... 236
- MAP INFORMATION..... 236

### 2 XM FUNCTION-OVERVIEW

- 1. **XM SERVICES** ..... 238

### 3 XM FUNCTION OPERATION

- 1. **XM Sports** ..... 239
- RECEIVE SPORTS INFORMATION ... 239
- XM Sports SETTINGS —
- ADD OR DELETE TEAMS ..... 240
- 2. **XM Stocks**..... 242
- RECEIVE STOCK DATA ..... 242
- XM Stocks SETTINGS —
- ADD OR DELETE STOCKS..... 242
- 3. **XM NavWeather™** ..... 244
- SHOW XM NavWeather™
- INFORMATION ..... 244
- WEATHER INFORMATION ..... 245
- WEATHER WARNINGS ..... 246
- XM NavWeather™ INDICATOR ..... 246
- 4. **XM NavTraffic®** ..... 247
- SHOW TRAFFIC EVENT ..... 247
- SHOW XM NavTraffic®
- INFORMATION ..... 248

### 4 SETUP

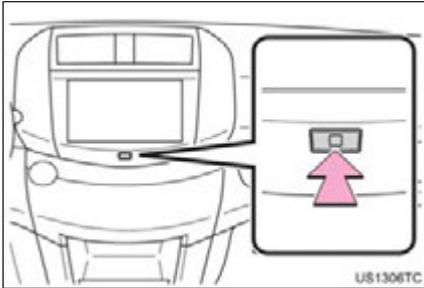
- 1. **XM SETTINGS**..... 250

# 1. MAP DATABASE VERSION AND COVERAGE AREA

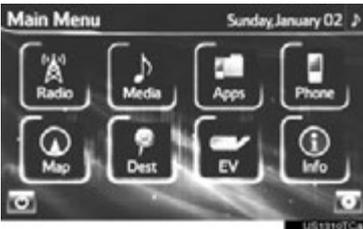
## MAP INFORMATION

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

1 Press the **“HOME”** button.



2 Touch **“Info”**.



3 Touch **“Map Data”**.



- The **“Map Information”** screen will be displayed.

## INFORMATION

- Map data updates are available for a fee. Contact your Toyota dealer for further information.
- The **“Map Information”** screen displays the **1** **“Map Version”** and **2** **“Map Update ID”**. This data is needed to perform a map data update.



## LEGAL INFORMATION

Legal information related to the map data can be displayed.

- 1 Press the **“HOME”** button.
- 2 Touch **“Info”** on the **“Main Menu”** screen.
- 3 Touch **“Map Data”** on the **“Information”** screen.
- 4 Touch **“Legal Info.”**



- The **“Legal Information”** screen will be displayed.

## MAP COVERAGE

Map data coverage areas can be displayed.

- 1 Press the **“HOME”** button.
- 2 Touch **“Info”** on the **“Main Menu”** screen.
- 3 Touch **“Map Data”** on the **“Information”** screen.
- 4 Touch **“Map Coverage”**.



- The **“Map Data Coverage”** screen will be displayed.

# 1. XM SERVICES

XM services are subscription-based XM Satellite Radio services to provide convenient features to subscribers.

- With an active XM subscription, the following features are available:
  - XM Sports\*<sup>1</sup> (See page 239.)
  - XM Stocks\*<sup>1</sup> (See page 242.)
  - XM NavWeather™\*<sup>2</sup> (See page 244.)
  - XM NavTraffic®\*<sup>2</sup> (See page 247.)

\*<sup>1</sup>: Available at no extra charge with an active XM Satellite Radio subscription.

\*<sup>2</sup>: Available via separate XM subscription(s).

## SUBSCRIPTION(S)

- XM NavTraffic®, XM NavWeather™ and XM Travellink require separate XM subscription(s). XM Sports\* and XM Stocks\* are available with an XM Travellink subscription. After a 90-day trial, you must contact XM and set up the appropriate XM subscription(s) to continue receiving these services.

\*: XM Sports and XM Stocks are included with an XM Satellite Radio subscription.

## AVAILABILITY OF SERVICE(S)

- The XM NavTraffic® service is available in the contiguous 48 U.S. states and Canada.
- The XM NavWeather™, XM Sports and XM Stocks services are available in the contiguous 48 U.S. states.

## ACTIVATION OF SERVICE(S)

- To receive XM NavTraffic®, XM NavWeather™, XM Sports and XM Stocks services, the XM service must be activated. To activate the service, call the XM Listener Care Center at 1-800-967-2346 (U.S.A.) or 1-877-209-0079 (Canada).
- Customers should have their radio ID ready. The radio ID can be found by selecting "CH 000" on the radio. For details, see "DISPLAYING THE RADIO ID" on page 190.

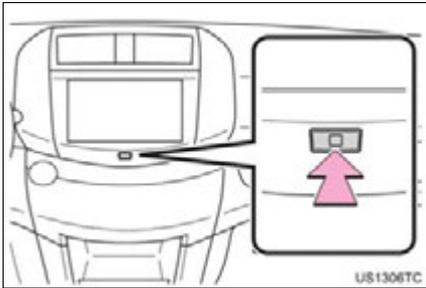
## INFORMATION

- For details about the XM service coverage areas, refer to [www.siriusxm.com](http://www.siriusxm.com) (U.S.A.) or [www.xmradio.ca](http://www.xmradio.ca) (Canada), or call XM Listener Care Center at 1-800-967-2346 (U.S.A.) or 1-877-209-0079 (Canada).
- For further details about the service, contact your Toyota dealer.
- XM Satellite Radio is responsible for all fees and services, which are subject to change.

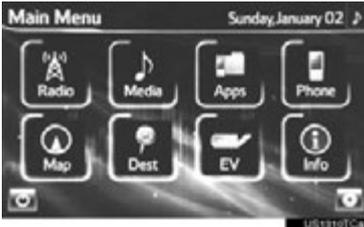
# 1. XM Sports

XM Sports is a service included with an XM Satellite Radio subscription. This service is also available with an XM TravelLink subscription. With this service, you can receive updates via the navigation system on your personally selected sports teams.

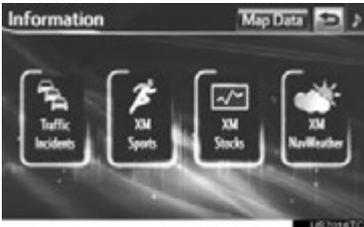
- 1 Press the “HOME” button.



- 2 Touch “Info”.



- 3 Touch “XM Sports”.

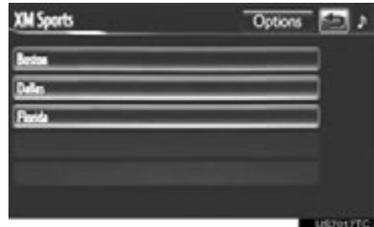


- The “XM Sports” screen is displayed.
- The following operations can be performed:
  - Sports information can be received. (See page 239.)
  - XM Sports settings can be set. (See page 240.)

## RECEIVE SPORTS INFORMATION

The desired teams must be added in order to receive information. (See page 240.)

- 1 Press the “HOME” button.
- 2 Touch “Info” on the “Main Menu” screen.
- 3 Touch “XM Sports” on the “Information” screen.
- 4 Touch the desired team to receive information.



- Teams for which there is no current data available will be dimmed and you will not be able to select them.
- 5 Touch the individual information item to hear it, or touch “Read All” to hear all available information for that team.

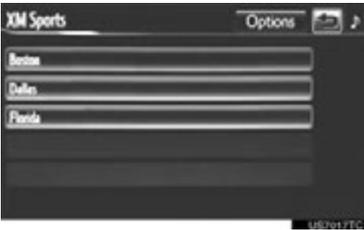


- The selected information will be read out in its entirety.

## XM Sports SETTINGS — ADD OR DELETE TEAMS

To input your personalized XM Sports team.

- 1 Press the **“HOME”** button.
- 2 Touch **“Info”** on the “Main Menu” screen.
- 3 Touch **“XM Sports”** on the “Information” screen.
- 4 Touch **“Options”**.



- 5 Perform each setting according to the procedures outlined on the following pages.



- Personalized XM Sports teams can also be input from the “Setup” screen. (See “XM SETTINGS” on page 250.)

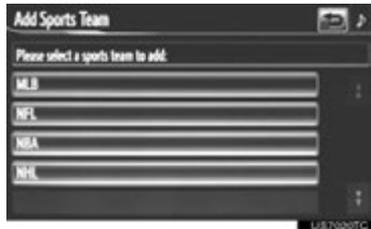
## ADD SPORTS TEAM

- 1 Touch **“Add Sports Team”**.

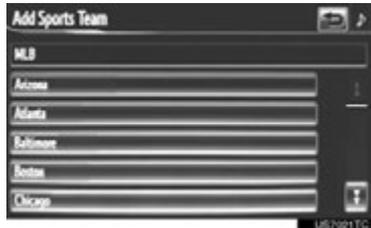


- Up to 5 teams can be added and saved in the system for which information will be received. The desired teams can be changed at any time. Teams must be added one at a time.

- 2 Touch the desired sporting league of the team.



- 3 Touch the name of the desired team to be added from the list that appears.



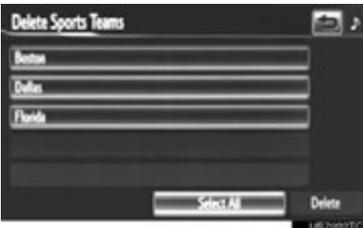
- 4 Touch **“Yes”** to confirm or **“No”** to cancel.

## DELETE SPORTS TEAMS

- 1 Touch **“Delete Sports Teams”**.



- 2 Touch the individual sports team to be deleted or touch **“Select All”** to delete all the teams, and touch **“Delete”**.

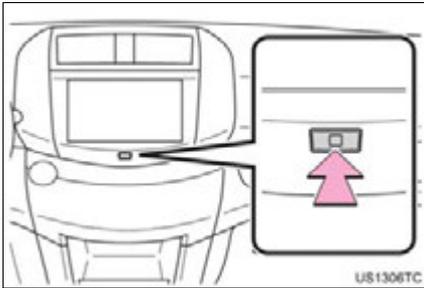


- 3 Touch **“Yes”** to confirm or **“No”** to cancel.

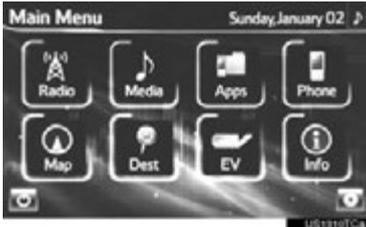
## 2. XM Stocks

XM Stocks is a service included with an XM Satellite Radio subscription. This service is also available with an XM TravelLink subscription. With this service, you can receive updates via the navigation system on your personally selected stocks.

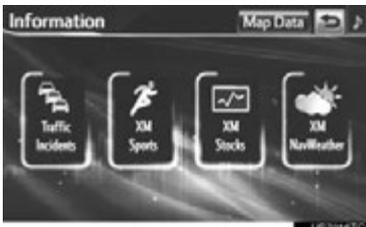
- 1 Press the “HOME” button.



- 2 Touch “Info”.



- 3 Touch “XM Stocks”.

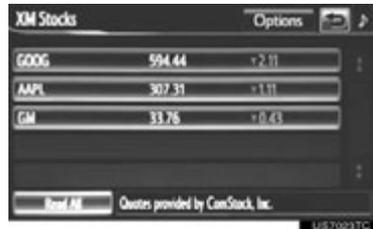


- The “XM Stocks” screen is displayed.
- The following operations can be performed:
  - Stock data can be received. (See page 242.)
  - XM Stocks setting can be set. (See page 242.)

### RECEIVE STOCK DATA

You must first add your desired stocks prior to receiving data. (See page 242.)

- 1 Press the “HOME” button.
- 2 Touch “Info” on the “Main Menu” screen.
- 3 Touch “XM Stocks” on the “Information” screen.
- 4 Touch an individual stock to hear its related data, or touch “Read All” to hear the data for all the stocks saved in the system.



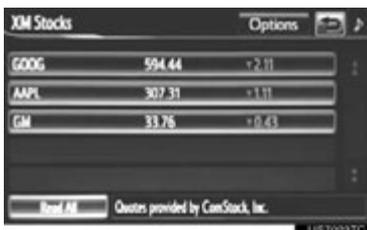
- The selected data will be read out in its entirety.
- Stock data may be delayed by approximately 20 minutes.

### XM Stocks SETTINGS — ADD OR DELETE STOCKS

To input your personalized XM Stocks settings.

- 1 Press the “HOME” button.
- 2 Touch “Info” on the “Main Menu” screen.
- 3 Touch “XM Stocks” on the “Information” screen.

#### 4 Touch “Options”.



#### 5 Perform each setting according to the procedures outlined on the following pages.



- Personalized XM Stocks settings can also be input from the “Setup” screen. (See “XM SETTINGS” on page 250.)

### ADD STOCK

#### 1 Touch “Add Stock”.



#### 2 Input the desired stock symbol.



#### 3 When finished, touch “OK”.

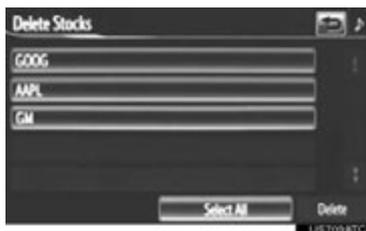
- Up to 10 individual stock symbols can be added and saved in the system for which information will be received. Stocks must be input one at a time. To enter a stock, the symbol of the desired stock must be known.

### DELETE STOCKS

#### 1 Touch “Delete Stocks”.



#### 2 Touch the individual stock to be deleted or touch “Select All” to delete all the stocks, and touch “Delete”.



#### 3 Touch “Yes” to confirm or “No” to cancel.

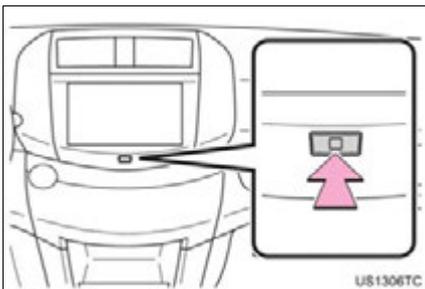
### 3. XM NavWeather™

The subscription-based XM NavWeather™ service allows the navigation system to display weather information on the map screen.

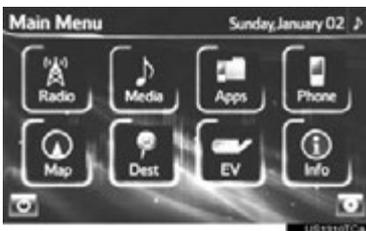
- The following operations can be performed:
  - Show XM NavWeather™ information: Weather forecast information is displayed on the map screen. (See page 244.)
  - Weather information: Weather information for the selected city is displayed. (See page 245.)
  - Weather warnings: Weather warnings issued within a radius of approximately 15 miles (25 km) or 7.8 miles (12.5 km) around the vehicle are displayed on the warning screen. (See page 246.)

#### SHOW XM NavWeather™ INFORMATION

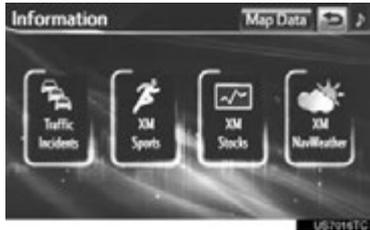
1 Press the “HOME” button.



2 Touch “Info”.



3 Touch “XM NavWeather”.



- The “XM NavWeather” screen is displayed.

#### XM NavWeather™ SCREEN



1 “Info”

- When the city icon is touched, “Info” is displayed on the map screen. Touching this screen button displays the “Forecast” screen. (See page 245.)

2 City icon

- When this screen button is touched, city names and “Info” are displayed on the upper part of the screen.

3 “Forecast”

- When this screen button is touched, the city selection screen is displayed.



- Touch a city to display weather information. Weather information of the selected city will be displayed. (See page 245.)

#### 4 “Current Location”

- When “Current Location” is touched, the current position is displayed.

#### 5 Zoom in/out screen button

- The scale of the map can be changed. Three zoom levels can be selected; 16 miles (26 km), 30 miles (48 km) and 60 miles (97 km).

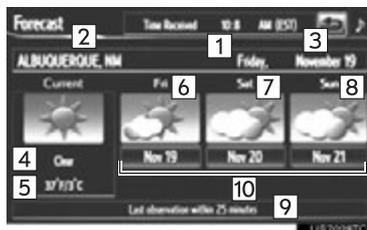
#### 6 Weather icons and grids

- Incremental weather information is displayed on the map using weather icons and grids. Touching an icon shows the related information at the top of the screen.

Icon	Weather
	Tornado
	Hurricane
	Storm
	Flood
	Winter
	Wind
	Extremes
	Other
	Hail storm
	Severe thunderstorm
	Heavy fog

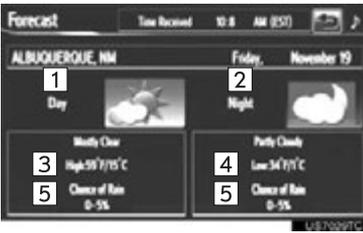
Icon	Weather
	Heavy freezing rain/ice
	Heavy snow
	Heavy rain

### WEATHER INFORMATION



No.	Function
1	Received time
2	City name
3	Today's date
4	Current weather
5	Current temperature
6	Today's weather
7	Tomorrow's weather
8	Day after tomorrow's weather
9	Observed time (Time elapsed since last update)
10	Specified day's weather

- When the specified day's weather screen button is touched, weather information for a specified day is displayed.



No.	Function
1	Daytime weather
2	Nighttime weather
3	Maximum temperature
4	Minimum temperature
5	Precipitation probability

### WEATHER WARNINGS

Weather warnings issued within a radius of approximately 15 miles (25 km) or 7.8 miles (12.5 km) around the vehicle are displayed on the warning screen.



**“Weather Map”**: When this screen button is touched, the “XM NavWeather” screen is displayed.

**“OK”**: When this screen button is touched, the screen returns to the map of the current position.

### XM NavWeather™ INDICATOR



- When an XM NavWeather™ warning is issued within the vicinity, the XM NavWeather™ indicator will appear on the map screen.

## 4. XM NavTraffic®

The subscription-based XM NavTraffic® service allows the navigation system to display traffic information on the map screen.

The following operations can be performed:

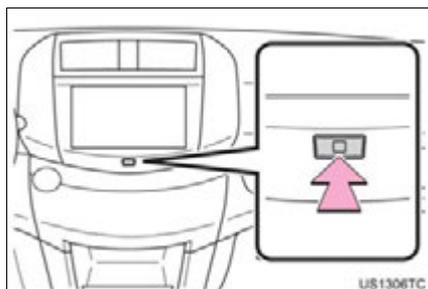
- Show XM NavTraffic® Information: Traffic information is displayed on the map screen. (See page 248.)
- Auto Avoid Traffic: If any heavy congestion or moderate traffic has been detected on the guidance route, it may be possible for you to select another route offered by the system. (See page 109.)
- Traffic Incident Warning: Traffic congestion information is provided using voice guidance. (See page 53.)
- Show Free Flowing Traffic: Freely flowing traffic is shown by the arrow on the map. (See page 109.)

### INFORMATION

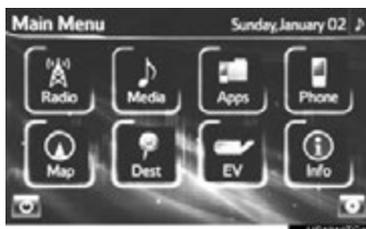
- When the “Traffic Information” indicator is dimmed, “Avoid Traffic”, “Traffic Incident Warning” and “Show Free Flowing Traffic” will not operate.

### SHOW TRAFFIC EVENT

- 1 Press the “HOME” button.



- 2 Touch “Info”.



- 3 Touch “Traffic Incidents”.



- A list of current traffic incidents is displayed along with information on the incident's distance and position relative to the vehicle.
- 4 Touch the desired traffic event.



**“On Current Route”**: Touch to display the traffic congestion information for the selected route, or the road which the current vehicle is on. If a route has not been set, **“On Current Road”** will be displayed.

**5** This screen is displayed.



● Guidance route traffic information is displayed on the screen. Touch **“Detail”** to display detailed traffic event information.

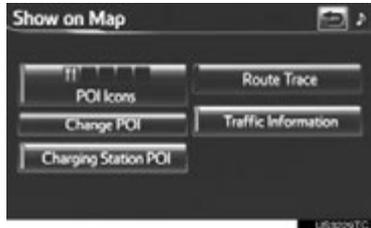


## SHOW XM NavTraffic® INFORMATION

**1** Touch **“Show on Map”**.



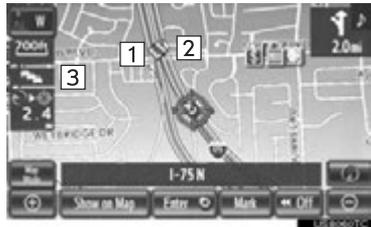
**2** Touch **“Traffic Information”**.



● The **“Traffic Information”** indicator is highlighted.

**3** XM NavTraffic® information is displayed on the map screen.

▶ On the map screen



▶ On the freeway information screen



**1** XM NavTraffic<sup>®</sup> icon

- When any traffic information is received, the XM NavTraffic<sup>®</sup> icon will appear on the map screen. Touching the XM NavTraffic<sup>®</sup> icon on the screen will start voice guidance for the traffic information. (See page 41.)
- When the XM NavTraffic<sup>®</sup> icon is selected, voice guidance for the traffic information will start even if “**Off**” for “Traffic Incident Warning” is selected.

**2** XM NavTraffic<sup>®</sup> information arrow

- When any XM NavTraffic<sup>®</sup> information is received, the XM NavTraffic<sup>®</sup> information arrow will appear on the map screen. The color of the arrow changes depending on the traffic information received.

Color	Function
Red	Heavy congestion
Yellow	Moderate traffic
Green	Freely flowing traffic

**3** XM NavTraffic<sup>®</sup> indicator

- When any XM NavTraffic<sup>®</sup> information is received, the XM NavTraffic<sup>®</sup> indicator will appear on the screen. The color of the indicator changes depending on the traffic information received.

Color	Function
White	Traffic information has been received.
Yellow	Traffic restriction information on the guidance route has been received (screen button*).
Red	Congestion information on the guidance route has been received (screen button*).

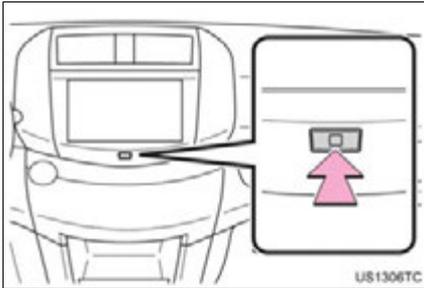
\*: Touching the XM NavTraffic<sup>®</sup> indicator will start voice guidance.

## 4. SETUP

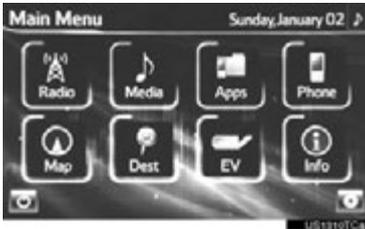
# 1. XM SETTINGS

Used for changing settings for XM Sports and XM Stocks.

- 1 Press the **"HOME"** button.



- 2 Touch .



- 3 Touch **"Other"**.



- 4 Touch the item to be set.



- On this screen, the following functions can be performed:

No.	Function	Page
1	Touch to set XM Sports.	240
2	Touch to set XM Stocks.	242

## APPS

**1 ENTUNE-OVERVIEW**

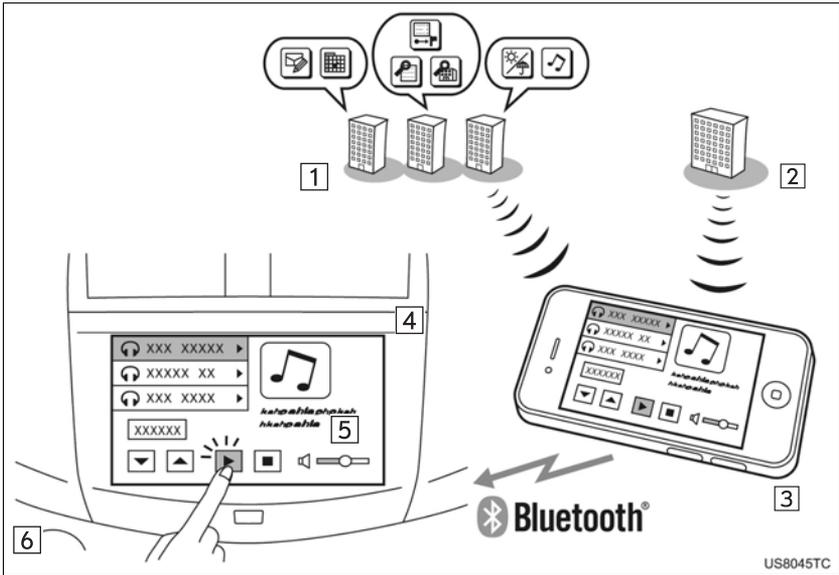
- 1. ENTUNE SERVICE ..... 252**
  - SUBSCRIPTION..... 253
  - AVAILABILITY OF SERVICE ..... 253
  - INITIALIZING PERSONAL DATA..... 253
- 2. BEFORE USING ENTUNE ..... 254**
  - SETTINGS REQUIRED TO USE ENTUNE ..... 254
  - USER REGISTRATION..... 254
  - REGISTERING THE ENTUNE APPLICATION ..... 254

**2 ENTUNE OPERATION**

- 1. ACTIVATING “Apps” ..... 255**
  - ACTIVATING “Apps” ..... 255
  - IF A MESSAGE APPEARS ON THE SCREEN ..... 257
- 2. LINKING “Apps” AND NAVIGATION LOCAL FUNCTION ..... 258**
  - SEARCHING CHARGING STATIONS ..... 258
  - SETTING A DESTINATION USING “Apps” ..... 259
  - MAKING A PHONE CALL USING “Apps” ..... 259
- 3. INPUTTING KEYWORD OPERATION ..... 260**
  - INPUTTING A KEYWORD USING THE SOFTWARE KEYBOARD ..... 260
  - INPUTTING A KEYWORD USING THE VOICE RECOGNITION FUNCTION..... 260

# 1. ENTUNE SERVICE\*1

Entune is a service that enables the usable contents of a cellular phone to be displayed on and operated from the navigation screen. Before Entune can be used, a few settings need to be performed. (See page 254.)



US8045TC

No.	Name	Function
1	Contents provider	Provides contents to the navigation system via a cellular phone.
2	Application server	Provides applications to the navigation system via a cellular phone.
3	Cellular phone*2	Using the Entune application, communication is relayed between the navigation system, the application server and the contents provider.
4	Application player	Runs applications on the navigation system. The navigation system is equipped with an application player.
5	Applications ("Apps")	Displays and sounds the usable contents from the contents providers via a cellular phone on the application player.
6	Navigation system	Contents received, via a cellular phone, from the contents provider servers are displayed on the navigation screen.

\*2: For known compatible phones, refer to <http://www.toyota.com/entune/>.

\*1: Entune is available in the 48 states, D.C. and Alaska.

## SUBSCRIPTION

- Entune will be available on a 3 year trial period included upon purchase of a new vehicle. User registration is required to start using the service. (See page 254.)
- When 3 years have elapsed after purchasing a new vehicle, a fee will be charged to renew the contract.\*
- Services requiring a separate contract can also be used.\*

\*: For details, refer to <http://www.toyota.com/entune/> or call 1-800-331-4331.

## AVAILABILITY OF SERVICE

- Entune is available in the 48 states, D.C. and Alaska.

### INFORMATION

- When using Entune, depending on the details of your cellular phone contract, data usage fees may apply. Confirm data usage fees before using this service.
- In this section, the required operations to activate “Apps”, connect a cellular phone to the navigation system and registration steps for Entune are explained. For details regarding Entune operations and each of the “Apps”, refer to <http://www.toyota.com/entune/>.

## INITIALIZING PERSONAL DATA

The personal data used in “Apps” can be reset. (See “DELETING PERSONAL DATA” on page 51.)

- The following personal data can be deleted and returned to their default settings:
  - Downloaded contents
  - Radio stations that were listened to
  - Input history

### INFORMATION

- Once initialized, data will be erased. Pay close attention when initializing the data.

## 2. BEFORE USING ENTUNE

### SETTINGS REQUIRED TO USE ENTUNE

Perform the settings in the following order.

**1** User registration



**2** Download the Entune application to your cellular phone.



**3** Register the cellular phone with the navigation system.

In order to use Entune, the following settings must first be performed:

- User registration with the service contract (See page 254.)
- Download the Entune application onto your cellular phone, and login to the application. (See page 254.)
- Register the cellular phone that the Entune application was downloaded to with the navigation system. (See page 254.)
- Register a Bluetooth® phone with the hands-free system. (For detailed information about registration and settings, see “Bluetooth® SETTINGS” on page 164.)

### USER REGISTRATION

When purchasing the vehicle, an email address is registered at your Toyota dealer. If your email address was not registered at your Toyota dealer, your email address can be registered at the Entune website. A user registration guidance email containing a web address will be sent.

- 1** Perform user registration from the designated web address.

### REGISTERING THE ENTUNE APPLICATION

- 1** Download the Entune application using your cellular phone.
- 2** Run the Entune application on your cellular phone.
- 3** Enter a user name and password into the Entune application. Login to the application.

#### INFORMATION

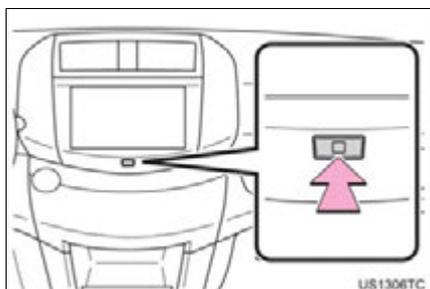
- “Apps” can only be used when the Entune application has been downloaded to your cellular phone and the application is running.
- If your email address was not registered at your Toyota dealer when the vehicle was purchased, an email address can be registered at <http://www.toyota.com/entune/>.
- Entune operational procedures can also be confirmed by visiting <http://www.toyota.com/entune/>.
- In order to use “Apps”, it is necessary to run the Entune application, enter your user name and password and display the main menu on the cellular phone.
- An iPhone cannot be connected via Bluetooth® and USB connection at the same time. However, it is possible to recharge an iPhone while using Entune by connecting via USB. The system uses the connection method that was used last. Therefore, if connected via USB after Bluetooth® connection, it is necessary to reconnect the iPhone via Bluetooth®.

# 1. ACTIVATING “Apps”

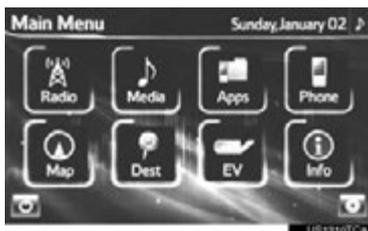
Each time “Apps” is activated, the system checks for updates. When there are no updates available, the main menu screen will be displayed right after a screen indicating that updates are being checked for has been displayed.

## ACTIVATING “Apps”

1 Press the “HOME” button.



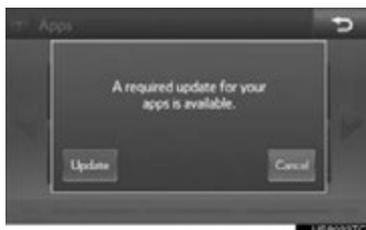
2 Touch “Apps”.



3 A screen indicating that updates are being checked for will be displayed.

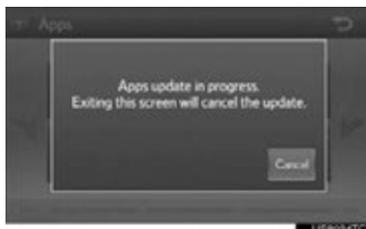


4 Touch “Update”.



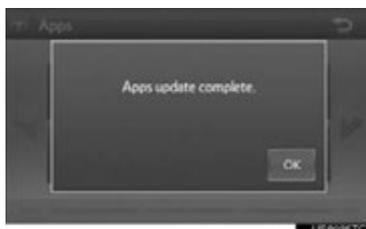
- To cancel updating, touch “Cancel”.
- After touching “Cancel”, the “Main Menu” screen will be displayed.
- The “Main Menu” screen will also be displayed if updating fails.

5 A screen indicating that an update is in progress will be displayed.



- To stop updating, touch “Cancel”.
- After touching “Cancel”, the “Main Menu” screen will be displayed.
- The “Main Menu” screen will also be displayed if updating fails.

6 Touch “OK”.



- 7** When updating is complete, the main menu screen will be displayed.



- The screen shown above is only an example. The actual screen may be different.
- For details about the function and service of each application displayed in the main menu, refer to <http://www.toyota.com/entune/>.

## IF A MESSAGE APPEARS ON THE SCREEN

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

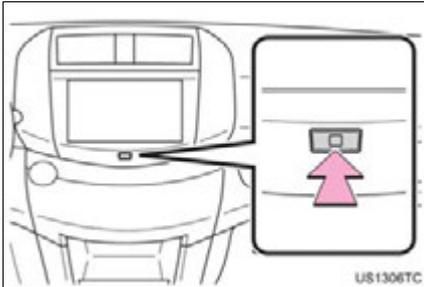
Message	Display conditions	Corrective action
"This feature is unavailable during an emergency call."	Safety Connect is being implemented.	After Safety Connect is finished, perform the operation again.
"This feature is unavailable while transferring contacts."	Contacts are being transferred manually from the phonebook.	When the transfer of contacts is complete, perform the operation.
"There is a problem with the Bluetooth* connection. For troubleshooting assistance, please visit <a href="http://toyota.com">toyota.com</a> or call 1-800-331-4331."	The cellular phone cannot be connected.	Refer to <a href="http://www.toyota.com/entune/">http://www.toyota.com/entune/</a> to confirm if the phone is compatible or not.
"This feature is unavailable during a handsfree call."	A hands-free call is in progress.	After the hands-free call is finished, perform the operation.
"To use the services, an active application needs to be running on your phone. For more information, please visit <a href="http://toyota.com">toyota.com</a> ."	The Entune application cannot be connected to SSP.	Refer to <a href="http://www.toyota.com/entune/">http://www.toyota.com/entune/</a> to confirm if the phone is SSP compatible or not, and then activate the Entune application.
"Communication error. Please try again."	Communication was disconnected.	After a few moments, retry the operation.

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

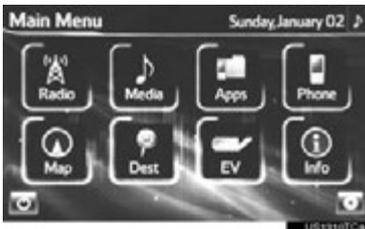
# 2. LINKING “Apps” AND NAVIGATION LOCAL FUNCTION

The navigation system’s searching charging stations, setting a destination and making a hands-free call can be performed via “Apps” of Entune.

- 1 Press the “HOME” button.



- 2 Touch “Apps”.



- 3 A screen indicating that updates are being checked for will be displayed.



- 4 When updating is complete, the main menu screen will be displayed.



- The screen shown above is only an example. The actual screen may be different.
- For details about the function and service of each application displayed in the main menu, refer to <http://www.toyota.com/entune/>.

### INFORMATION

- Some parts of “Apps” can be adjusted using the switches on the steering wheel.

## SEARCHING CHARGING STATIONS

Charging stations can be searched using “Apps”.

- 1 Touch “Charging Station Map”.



- For details about this function, refer to <http://www.toyota.com/entune/>.

## SETTING A DESTINATION USING “Apps”

Locations that were searched using “Apps” can be set as a destination.

- 1 Touch “Map”.



- 2 Touch “Go to”.



- 3 To start guidance, touch “OK”.



- For the operation of the route guidance screen and the function of each screen button, see “STARTING ROUTE GUIDANCE” on page 71.

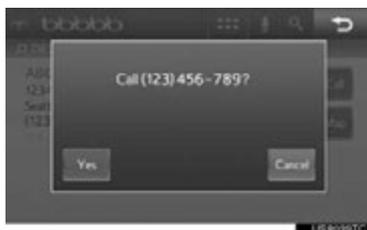
## MAKING A PHONE CALL USING “Apps”

Phone calls can be made to locations which were searched using “Apps”.

- 1 Touch “Call”.



- 2 Touch “Yes”.



- To cancel making a phone call, touch “Cancel”.
- 3 A screen indicating that a call is in progress will be displayed.



- For phone operation and the function of each screen button, see “TALK ON THE Bluetooth® PHONE” on page 139.

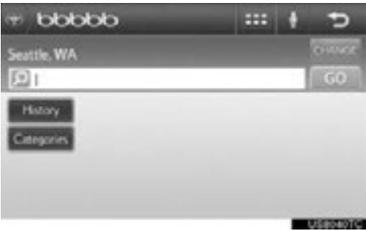
### 3. INPUTTING KEYWORD OPERATION

A keyword can be input to “Apps” by the software keyboard or voice recognition function.

- The keyboard layout can be changed. (See page 50.)

#### INPUTTING A KEYWORD USING THE SOFTWARE KEYBOARD

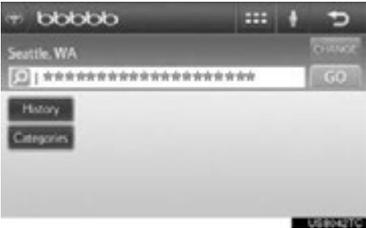
1 Touch the character input space.



2 Touch the screen buttons to input the desired characters, and then touch “OK”.



3 Input characters will be reflected on the character input space.

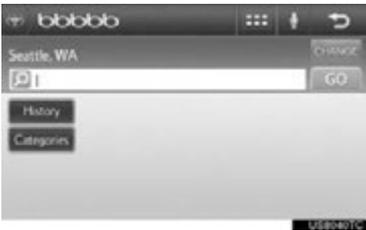


- For details on operating the keyboard, see “INPUTTING LETTERS AND NUMBERS/LIST SCREEN OPERATION” on page 32.

#### INPUTTING A KEYWORD USING THE VOICE RECOGNITION FUNCTION

Voice recognition is a function that uses the center’s database to enable the use of the voice recognition function.

1 Touch the microphone screen button.



2 When this screen is displayed, say the desired keyword.



- Completion of saying the keyword will be detected automatically.

- 3 Search results will be displayed on the screen.



- The screen shown above is only an example. The actual screen may be different.





# INDEX

1

2

3

4

5

6

7

8

# ALPHABETICAL INDEX

## A

Adding destinations.....	81
Address book.....	97
Address book entries.....	97
AM.....	182
Apps.....	252
Audio.....	176
Audio settings.....	220
HD Radio™ system settings.....	220
iPod settings.....	221
Audio remote controls (steering switches).....	213
Audio system.....	176
Audio system operating hints.....	214
iPod.....	215
MP3/WMA files.....	215
Radio reception.....	214
Terms.....	217
USB memory.....	215
Automatic Sound Levelizer (ASL).....	179
AUX port.....	180

## B

Basic function.....	30
Bluetooth®.....	122
Bluetooth® audio.....	205
Connecting a Bluetooth® audio player.....	207
Playing Bluetooth® audio.....	209
Bluetooth® phone.....	128
Bluetooth® phone message function.....	141
Checking messages.....	141
New message notification.....	143
Replying (quick reply).....	142
Bluetooth® settings.....	164
Detailed Bluetooth® settings.....	170
Registered devices.....	164
Selecting a Bluetooth® phone.....	168
Selecting portable player.....	169
Brightness.....	36

## C

Call on the Bluetooth® phone.....	132
By call history.....	134
By dial.....	132
By phonebook.....	132
By POI call.....	137
By speed dial.....	133
By voice recognition.....	135
Calling using an SMS/MMS message.....	137
Charging station.....	89, 258
Command list.....	232
Contrast.....	36
Current position calibration.....	111
Current position display.....	37

## D

Deleting destinations .....	82
Deleting personal data .....	51
Deleting previous destinations .....	106
Deleting set destinations .....	70
“Destination” screen .....	22
Destination search .....	56
By home .....	57
By preset destinations .....	57
By “Address Book” .....	66
By “Address” .....	58
By “Coordinates” .....	70
By “Emergency” .....	67
By “Intersection & Freeway” .....	67
By “Map” .....	69
By “Point of Interest” .....	60
By “Previous Destinations” .....	66
Selecting the search area .....	56
Detailed navigation settings .....	107
Detour setting .....	83
Dial .....	132
Display charging station poi icons .....	89
Distance and time to destination .....	80
Double tapping function .....	44
Drag operation .....	38
DSP control .....	178

## E

Emergency .....	67
Entune .....	252
Expanded voice commands .....	231

## F

Flick operation .....	33, 38
FM .....	182
Function index .....	20

## G

General settings .....	46
GPS (Global Positioning System) .....	12, 118

## H

HD Radio™ .....	186
Heading-up screen .....	45
Home .....	14, 19, 57, 92
HOME button .....	10

## I

“Information” screen .....	26
Inputting letters and numbers .....	32
Internet radio broadcast .....	195
iPod .....	201
Connecting iPod .....	201
Playing iPod .....	202

## K

Keyboard layout .....	50
-----------------------	----

## L

Language .....	49
Limitations of the navigation system .....	118
List screen touch operation .....	33

## M

MAP .....	69
Map database information and updates .....	268
Map database version and coverage area .....	236
Map icons .....	45
Map scale .....	44
Map screen flick operation .....	38

# ALPHABETICAL INDEX

## N

Natural speech information .....	230
Navigation system.....	56
Navigation system screen operations .....	27
North-up screen .....	45

## O

Operation flow: guiding the route .....	18
Orientation of the map .....	45
Overview button and main menu screen.....	10

## P

Pausing guidance .....	86
Phone.....	122
Phone (hands-free system for cellular phone).....	124
About the phonebook in this system .....	126
Using the phone switch .....	125
Using the steering switches.....	126
When selling or disposing of the vehicle.....	126
Phone settings .....	144
Message settings .....	157
Phone display settings .....	161
Phone sound settings.....	144
Phonebook .....	145
Phonebook.....	132, 145
POI call .....	137
POI icons .....	87
Point of Interest.....	60
Preset destinations .....	16, 57
Previous destinations.....	66

## Q

Quick guide .....	10
-------------------	----

## R

Radio.....	182
Listening to the radio .....	182
Presetting a station.....	183
Radio broadcast data system .....	184
Selecting a station .....	183
Traffic announcement.....	185
Radio broadcast data system.....	184
Receive on the Bluetooth® phone.....	138
Register a Bluetooth® phone .....	128
Connecting a Bluetooth® phone .....	129
Reconnecting the Bluetooth® phone .....	131
Registering home .....	14
Registering preset destinations.....	16
Reordering destinations .....	81
Resuming guidance .....	86
Route guidance .....	71
Route guidance screen .....	74
Route overview .....	84
Route preference .....	85
Route trace.....	90

## S

Satellite radio (SAT).....	190
Screen adjustment .....	35
Screen off.....	35
Screen scroll operation .....	37
Screen settings adjustment.....	35
Screens for navigation settings .....	107
Searching charging stations.....	258
Setting home as the destination.....	19
Setting up the "Address Book" .....	97
Setting up the "Areas to Avoid" .....	102
Setting up the "Home" .....	92
Setting up the "Preset Destinations" .....	94
"Setup" screen.....	24

Show on map.....	87
SMS/MMS message.....	137, 141
Speed dial.....	133
Standard map icons.....	45
Starting route guidance.....	71
Steering switches.....	126, 213, 224
Switching the screens.....	41

## T

Talk on the Bluetooth® phone.....	139
Incoming call waiting.....	140
Time zone.....	47
Tire change calibration.....	111
Tone and balance.....	179
Touch screen operation.....	31
Traffic incidents.....	247
Typical voice guidance prompts.....	77

## U

USB memory.....	196
Connecting a USB memory.....	196
Playing a USB memory.....	197
USB port.....	181

## V

Vehicle settings.....	114
Maintenance.....	114
Voice command system.....	177, 224
Steering switches for the voice command system.....	224
Voice recognition.....	135
Voice settings.....	52
Voice volume.....	53

## W

WMA.....	196, 215, 217
----------	---------------

## X

XM NavTraffic®.....	247
Show traffic event.....	247
Show XM NavTraffic® information.....	248
XM NavWeather™.....	244
Show XM NavWeather™ information.....	244
Weather information.....	245
Weather warnings.....	246
XM NavWeather™ indicator.....	246
XM Satellite Radio broadcast.....	190
Channel category.....	191
Displaying the radio ID.....	190
Displaying the title and name.....	192
How to subscribe to an XM Satellite Radio.....	190
If the satellite radio tuner malfunctions.....	193
Listening to satellite radio.....	191
Presetting a channel.....	191
Selecting a channel.....	192
XM Sports.....	239
Receive sports information.....	239
XM Sports settings.....	240
XM Stocks.....	242
Receive stock data.....	242
XM Stocks settings.....	242

## Z

Zoom in button.....	12
Zoom out button.....	12

# Map database information and updates

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