

Navigation and Multimedia System Owner's Manual

For your safety and comfort, read carefully and keep in the vehicle.

HILUX TOYOTA FORTUNER



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For more information about the following items, see the "Owner's Manual".

- Rear view monitor systemFuel consumption

Introduction

NAVIGATION AND MULTIMEDIA SYSTEM OWNER'S MANUAL

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

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

NAVIGATION SYSTEM

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

The navigation system is designed to select efficient routes from your present starting location to your destination. The system is also designed to direct you to a destination that is unfamiliar to you in an efficient manner. The system uses HERE maps. The calculated routes may not be the shortest nor the least traffic congested. Your own personal local knowledge or "short cut" may at times be faster than the calculated routes.

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

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

Please be aware that all current vehicle navigation systems have certain limitations that may affect their ability to perform properly. The accuracy of the vehicle's position depends on satellite conditions, road configuration, vehicle condition or other circumstances. For more information on the limitations of the system, refer to page 210.

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IMPORTANT INFORMATION ABOUT THIS MANUAL

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



WARNING

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



NOTICE

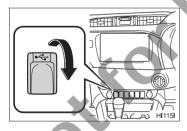
• This is a warning against anything which may cause damage to the vehicle or its equipment if the warning is ignored. You are informed about what you must or must not do in order to avoid or reduce the risk of damage to your vehicle and its equipment.

SYMBOLS USED IN ILLUSTRATIONS



Safety symbol

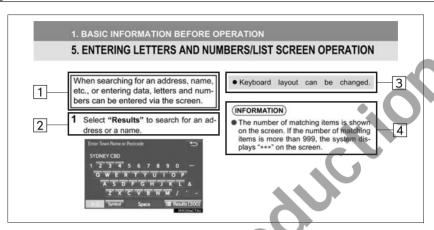
The symbol of a circle with a slash through it means "Do not", "Do not do this" or "Do not let this happen".



Arrows indicating operations

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

HOW TO READ THIS MANUAL



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

SAFETY INSTRUCTION (MULTIMEDIA SYSTEM)

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

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

Prior to the actual use of this system, learn how to use it and become thoroughly familiar with it. Read the entire Navigation and Multimedia 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.

A

WARNING

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

SAFETY INSTRUCTION (NAVIGATION SYSTEM)

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 and Multimedia 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.



WARNING

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

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

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

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

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

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QUICK GUIDE

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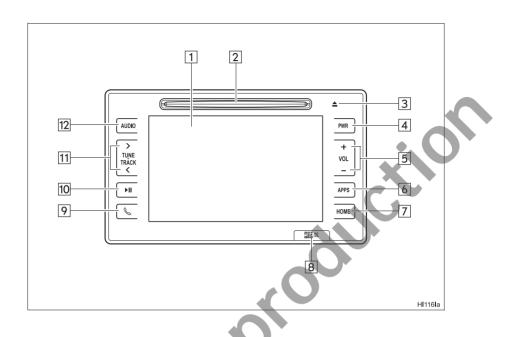
BASIC FUNCTION

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1. BUTTONS OVERVIEW

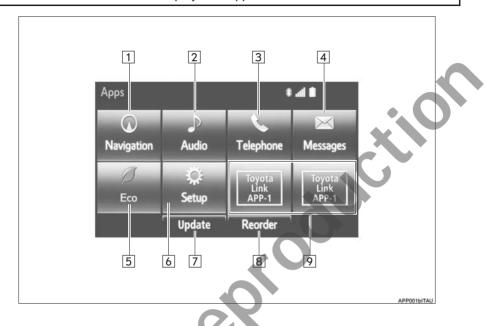


No.	Function	Page
1	By touching the screen with your finger, you can control the selected functions.	26
2	Insert a disc into this slot.	60
3	Press to eject a disc.	60
4	Press to turn the navigation and multimedia system on and off.	59
5	Press the "+" or "-" button to adjust the volume.	_
6	Press to display the "Apps" screen.	14
7	Press to display the home screen.	16, 28
8*	MAP card slot Do not eject the SD card, as doing so may deactivate the navigation system.	212
9	Press to access the Bluetooth® hands-free system and applications.	118
10	Press to play/pause.	68, 72, 77, 82
11	Press the ">" or "<" button to select a radio station or to access a desired track/file.	64, 68, 72, 77, 82
12	Press to access the audio system. The audio system turns on in the last mode used.	56, 59, 60

^{*:} With Navigation function

2. "Apps" SCREEN

Press the "APPS" button to display the "Apps" screen.



No.	Function	Page
1*	Select to display the map screen.	157
2	Select to display the audio control screen.	56
3	Select to display the hands-free operation screen.	118
4	Select to display the "Messages" screen.	132
5	Select to display the fuel consumption screen.	"Owner's Manual"
6	Select to display the "Setup" screen.	20
7	Select to update the applications.	220
8	Select to reorder the applications.	221
9	Select to display a "Toyota Link" application.	213

^{*:} Vehicles with navigation system only

(INFORMATION)

• When there are two pages, select or to change the page.

3. HOME SCREEN

Press the "HOME" button to display the home screen.

The home screen can display multiple information screens, such as the audio system screen and hands-free screen, simultaneously. When hands-free mode is selected, it is possible to make call on the HOME screen if the desired telephone number is registered on the 4 displayed buttons. In order to register the telephone number, select and hold the desired button and register the desired telephone number by obey displayed messages on the screen.(→P.127)

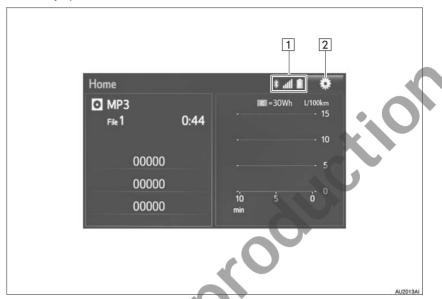
When a screen is selected, the selected screen is switched to a full-screen display. The home screen can be set to either a three-way split screen* or a two-way split screen.

For details about setting the home screen: → P.28

►Three-way split screen



►Two-way split screen



No.	Function	Page
1	Displays the condition of the Bluetooth® connection	18
2	Select to display the "Setup" screen.	20

STATUS DISPLAY

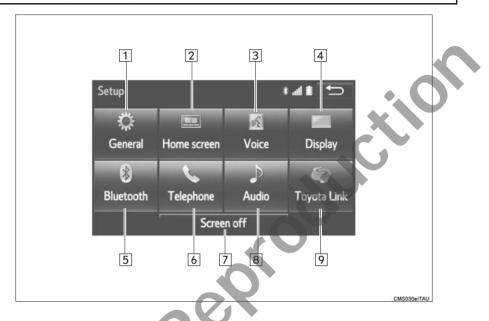
The condition of the Bluetooth[®] connection, as well as the level of reception and the amount of cellular phone battery charge left, are displayed on the status display.



No.	Indicators	Conditions
1	The condition of the Bluetooth® connection	No connection Poor Good • An antenna for the Bluetooth® connection is built into the instrument panel. The condition of the Bluetooth® connection may deteriorate and the system may not function when a Bluetooth® phone is used in the following conditions and/or places: The cellular phone is obstructed by certain objects (such as when it is behind the seat or in the glove box or console box). The cellular phone is touching or is covered with metal materials. • Leave the Bluetooth® phone in a place where the condition of the Bluetooth® connection is good.
2	The level of reception	Poor Excellent • The level of reception does not always correspond with the level displayed on the cellular phone. The level of reception may not be displayed depending on the 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. • "Rm" is displayed when receiving in a roaming area. While roaming, display "Rm" top-left on the icon. • The receiving area may not be displayed depending on the type of telephone you have.
3	The amount of battery charge left	Empty Full • The amount displayed does not always correspond with the amount displayed on the Bluetooth® device. The amount of battery charge left may not be displayed depending on the type of the Bluetooth® device connected. This system does not have a charging function.

1. "Setup" SCREEN

The items shown on the "Setup" screen can be set. Press the "APPS" button, then select "Setup" to display the "Setup" screen.



No.	Function	Page
1	Select to change the operation sound, screen button colour, etc.	46
2	Select to customize the home screen.	28
3	Select to set the voice settings.	52
4	Select to adjust the contrast, brightness, tone and colour of the screens.	31
5	Select to set Bluetooth® phones and Bluetooth® audio devices.	38
6	Select to set the telephone sound, contacts, message settings, etc.	137
7	Select to turn the screen off. To turn it on, press any button.	_
8	Select to set radio and external media settings.	96
9	Select to Toyota Link settings.	224

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BASIC FUNCTION

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			VOICE SETTINGS SCREEN 52

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

1. INITIAL SETTING SCREEN

When the engine switch is in the "ACC" or "ON" position, the initial screen will be displayed and the system will begin operating. (Vehicles without a smart entry & start system)

When the engine switch is in ACCES-SORY or IGNITION ON mode, the initial screen will be displayed and the system will begin operating. (Vehicles with a smart entry & start system)



 Images shown on the initial screen can be changed to suit individual preferences. (→P.48)

A

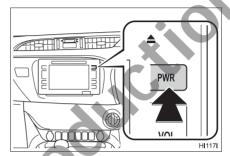
WARNING

- When the vehicle is stopped with the engine running, always apply the parking brake for safety.
- ► Vehicles with navigation system only
- After a few seconds, the "CAUTION" screen will be displayed.
- After about 10 seconds, the "CAUTION" screen automatically switches to the next screen.
- When "Continue" is selected on the "CAUTION" screen, the screen switches to the next screen.

RESTARTING THE SYSTEM

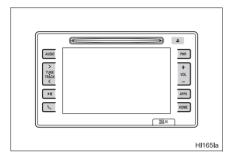
When system response is extremely slow, the system can be restarted.

1 Push and hold the "PWR" button for 3 seconds or more.



2. CAPACITIVE TOUCH SWITCHES

The control panel uses capacitive touch sensors.



Capacitive touch switch sensor sensitivity can be adjusted. (→P.46)

HANDLING OF THE CONTROL PANEL

In the following cases, incorrect operation or non-response may occur.

- If the operating section is dirty or has liquid attached to it, incorrect operation or non-response may occur.
- If the operating section receives electromagnetic waves, incorrect operation or non-response may occur.
- If wearing gloves during operation, nonresponse may occur.
- If fingernails are used to operate the system, non-response may occur.
- If a touch pen is used to operate the system, non-response may occur.
- If the palm of your hand touches the operating section, incorrect operation may occur.
- If operations are performed quickly, nonresponse may occur.

(INFORMATION)

 Please do not push any of the side buttons when the system has just been turned on, because the buttons might become unresponsive. Please wait a few seconds before pressing any button.



3. TOUCH SCREEN GESTURES

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

Operation method	Outline	Main use
F HI095I	Touch Quickly touch and release once.	Changing and selecting various settings.
F F F F F F F F F F F F F F F F F F F	Drag*1 Touch the screen with your finger, and move the screen to the desired position.	 Scrolling the lists Adjusting the slide bar*² Scrolling the map*²
HI097I	Flick*1 Quickly move the screen by flicking with your finger.	Scrolling the main screen page

^{*1:} The above operations may not be performed on all screens. Also if the vehicle reaches a high altitude, it may become hard to perform the above operations.

^{*2:} Vehicles with navigation system only

4. 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, lightly touch the screen buttons with your finger.
- Do not use objects other than your finger to touch the screen.
- Wipe off fingerprints using a glass cleaning cloth. Do not use chemical cleaners to clean the screen, as they may damage the touch screen.

(INFORMATION)

- 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 settings" screen or take off your sunglasses.
- When is displayed on the screen, select is to return to the previous screen.

5. HOME SCREEN OPERATION

The home screen can display multiple information screens, such as the audio system screen and hands-free screen, simultaneously.

- 1 Press the "HOME" button.
- 2 Home screen is displayed.



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

CUSTOMIZING THE HOME SCREEN

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

1 Select .



- 2 Select "Customize home".
- Select "Two panel" or "Three panel*".
- 3 Select the desired area.
- 4 Select the desired item.

(INFORMATION)

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



6. ENTERING LETTERS AND NUMBERS/LIST SCREEN OPERATION

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

ENTERING LETTERS AND NUMBERS



No.	Function
1	Select to enter desired characters.
2	Text field. Entered character(s) will be displayed.
3	During entering character(s), when there is only one available option for the next character(s), the next character(s) will be displayed in gray text in the text field automatically. Gray text is entered by selecting this button.
4	Select to erase one character. Select and hold to continue erasing characters.
5	Select to display the alphabet keys.

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

Select to display other symbols.

: Select to enter in lower case.

6

- : Select to enter in upper case.
- Keyboard layout can be changed. (→P.46)

LIST SCREEN

DISPLAYING THE LIST

1 Select "Results" 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 matching items can be displayed on a single list screen.



(INFORMATION)

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

LIST SCREEN OPERATION

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

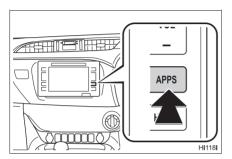


Icon	Function	
±	Select to skip to the next or previous page.	
¥	Select and hold or to scroll through the displayed list.	
I	This indicates the displayed screen's position.	
<u>></u>	If papears to the right of an item name, the complete name is too long to display. Select to scroll to the end of the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

7. SCREEN ADJUSTMENT

The brightness, contrast, tone and colour of the screen can be adjusted. The screen can also be turned off, and/or changed to either day or night mode.

1 Press the "APPS" button.



- 2 Select "Setup".
- 3 Select "Display".

4 Select the items to be set.



No.	Function	Page
1	Select to adjust the screen display.	
2	Select to adjust the camera display.	32
3	Select to adjust the video display.	
4	Select to turn day mode on/ off.	32

CHANGING BETWEEN DAY AND NIGHT MODE

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

1 Select "Day mode".

(INFORMATION)

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

BRIGHTNESS, CONTRAST, TONE AND COLOUR ADJUSTMENT

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

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



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

• "Tone" and "Colour" can be adjusted on only the "Display (Video)" screen.

8. LINKING MULTI-INFORMATION DISPLAY AND NAVIGATION SYSTEM*

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

- Navigation
- Audio

etc.

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

1. REGISTERING/CONNECTING Bluetooth® DEVICE

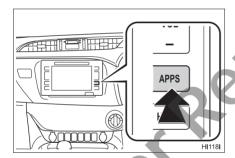
REGISTERING A Bluetooth® PHONE FOR THE FIRST TIME

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

Once the telephone has been registered, it is possible to use the handsfree system.

For details about registering a Bluetooth[®] device: →P.39

- **1** Turn the Bluetooth® connection setting of your cellular phone on.
- 2 Press the "APPS" button.



- 3 Select "Telephone".
- Operations up to this point can also be performed by pressing the switch on the steering wheel or switch on the instrument panel.
- 4 Select "Yes" to register a telephone.



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



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

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



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



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

REGISTERING A Bluetooth® AUDIO PLAYER FOR THE FIRST TIME

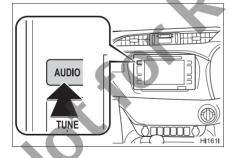
To use the Bluetooth[®] Audio, it is necessary to register an audio player with the system.

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

This operation cannot be performed while driving.

For details about registering a Bluetooth[®] device: →P.39

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



- **3** Select "Source" on the audio control screen.
- 4 Select "Bluetooth* audio".
- 5 Select "Select device".
- 6 Select "Yes" to register a audio player.
- 7 Follow the steps in "REGISTERING A Bluetooth® DEVICE" from "STEP 2". (→P.39)
- *: The Bluetooth[®] word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

PROFILES

This system supports the following services.

Bluetooth [®] Device	Spec	Function	Require- ments	Recommen- dations
Bluetooth [®] Phone/ Bluetooth [®] Audio Player	Bluetooth [®] Specification	Registering a Bluetooth [®] device	Ver. 2.0	Ver. 3.0+ EDR
Bluetooth [®] Device	Profile	Function	Require ments	Recommen- dations
	HFP (Hands-Free Profile)	Hands-free system	Ver. 1.0	Ver. 1.6
	OPP (Object Push Profile)	Transferring the	Ver. 1.1	Ver. 1.2
Bluetooth [®] Phone	PBAP (Phone Book Access Pro-file)	contacts	Ver. 1.0	Ver. 1.1
	MAP (Message Access Profile)	Bluetooth [®] phone message	_	Ver. 1.0
	SPP (Serial Port Profile)	Toyota Link service	_	Ver. 1.1
Bluetooth [®]	A2DP (Advanced Audio Distribution Profile)	Bluetooth [®] audio	Ver. 1.0	Ver. 1.2
Player	AVRCP (Audio/Video Remote Control Profile)	system	Ver. 1.0	Ver. 1.4

INFORMATION

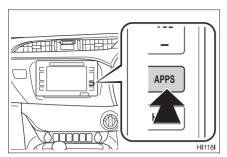
- If your cellular phone does not support HFP, registering the Bluetooth[®] phone or using OPP, PBAP, MAP or SPP profiles individually will not be possible.
- If the connected Bluetooth[®] device version is older than recommended or incompatible, the Bluetooth[®] device function may not work properly.

Bluetooth°

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2. SETTING Bluetooth® DETAILS

1 Press the "APPS" button.



- 2 Select "Setup".
- 3 Select "Bluetooth*".
- 4 Select the desired item to be set.



"Bluetooth* setup" SCREEN



Function	Page
Registering a Bluetooth® device	39
Deleting a Bluetooth® device	40
Connecting a Bluetooth® device	41
Editing the Bluetooth® device information	43
Bluetooth® system settings	44

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DISPLAYING THE "Bluetooth* setup" SCREEN IN A DIFFERENT WAY

- 1 Press the "APPS" button.
- 2 Select "Setup".
- 3 Select "Telephone".
- 4 Select "Connect telephone".

REGISTERING A Bluetooth® DEVICE

Up to 5 Bluetooth® devices can be registered.

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

This operation cannot be performed while driving.

- Display the "Bluetooth* setup" screen.
 (→P.38)
- 2 Select "Add".
- ► When another Bluetooth[®] device is connected
- To disconnect the Bluetooth® device, select "Yes".
- When 5 Bluetooth® devices have already been registered
- A registered device needs to be replaced.
 Select "Yes", and select the device to be replaced.
- When this screen is displayed, search for the device name displayed on this screen on the screen of your Bluetooth® device.

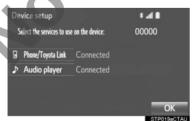


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- For details about operating the Bluetooth[®] device, see the manual that comes with it.
- To cancel the registration, select "Cancel".
- **4** Register the Bluetooth[®] device using your Bluetooth[®] device.
- A PIN-code is not required for SSP (Secure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



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



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

DELETING A Bluetooth® DEVICE

- 1 Display the "Bluetooth* setup" screen. (→P.38)
- 2 Select "Remove".
- 3 Select the desired device.



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

(INFORMATION)

- When deleting a Bluetooth[®] phone, the contact data will be deleted at the same time.
- *: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

CONNECTING A Bluetooth® DEVICE

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

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

- 1 Display the "Bluetooth* setup" screen. (→P.38)
- 2 Select the device to be connected.



- Supported profile icons will be displayed.
- : Telephone
- : Audio player
- : Telephone/Toyota Link service
- Supported profile icons for currently connected devices will illuminate.
- Dimmed icons can be selected to connect to the function directly.
 - If the desired Bluetooth[®] device is not on the list, select "Add" to register the device. (→P.39)

(INFORMATION)

- It may take time if the device connection is carried out during Bluetooth[®] audio playback.
- Depending on the type of Bluetooth® device being connected, it may be necessary to perform additional steps on the device.
- *: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

AUTO CONNECTION MODE

To turn auto connection mode on, set "Bluetooth* power" to on. $(\rightarrow P.44)$ Leave the Bluetooth® device in a location where the connection can be established.

- ► Vehicles without a smart entry & start system
- When the engine switch is turned to the "ACC" or "ON" position, the system searches for a nearby registered device.
- The system will connect with the registered device that was last connected, if it is nearby.
- ► Vehicles with a smart entry & start system
- When the engine switch is in ACCES-SORY or IGNITION ON mode, the system searches for a nearby registered device.
- The system will connect with the registered device that was last connected, if it is nearby.

CONNECTING MANUALLY

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

- 1 Follow the steps in "CONNECTING A Bluetooth® DEVICE" from "STEP 2". (→P.41)
- *: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

RECONNECTING THE Bluetooth®

If a Bluetooth[®] phone is disconnected due to poor reception from the Bluetooth[®] network when the engine switch is in the following, the system automatically reconnects the Bluetooth[®] phone.

► Vehicles without a smart entry & start system

The engine switch is turned to the "ACC" or "ON" position.

► Vehicles with a smart entry & start system

The engine switch is turned to ACCES-SORY or IGNITION ON mode.

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

EDITING THE Bluetooth® DEVICE INFORMATION

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

- Display the "Bluetooth* setup" screen. (→P.38)
- **2** Select the desired device to be edited.
- 3 Select "Device info".
- **4** Confirm and change the Bluetooth[®] device information.





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No.	Information		
1	The name of the Bluetooth $^{\circledR}$ device can be changed to a desired name. $(\rightarrow P.44)$		
2	Select to set the Bluetooth $^{\rm B}$ audio player connection method. (\rightarrow P.44)		
3	Device address is unique to the device and cannot be changed.		
4	Telephone number for the Bluetooth [®] phone.		
5	Compatibility profile of the Bluetooth® device.		
6	Select to reset all setup items.		

INFORMATION

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

CHANGING A DEVICE NAME

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

(INFORMATION)

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

SETTING AUDIO PLAYER CONNECTION METHOD

- 1 Select "Connect audio player from".
- **2** Select the desired connection method.
- "Vehicle": Select to connect the audio system to the audio player.
- "Device": Select to connect the audio player to the audio system.
- Depending on the audio player, the "Vehicle" or "Device" connection method may be best. As such, refer to the manual that comes with the audio player.
- To reset the connection method, select "Default".

"System settings" SCREEN

The Bluetooth[®] settings can be confirmed and changed.

- Display the "Bluetooth* setup" screen.
 (→P.38)
- 2 Select "System settings"
- 3 Select the desired item to be set.





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No.	Information	Page
1	Select to set Bluetooth® connection on/off.	45
2	Displays system name. The name can be changed to a desired name.	45
3	PIN-code used when the Bluetooth® device was registered. The PIN-code can be changed to a desired code.	45
4	Device address is unique to the device and cannot be changed.	_
5	Select to set the telephone connection status display on/off.	_
6	Select to set the connection status display of the audio player on/off.	-
7	Compatibility profile of the Bluetooth® device.	U
8	Select to reset all setup items.	_

CHANGING "Bluetooth* power"

1 Select "Bluetooth* power".

When "Bluetooth* power" is on:

► Vehicles without a smart entry & start system

The Bluetooth® device is automatically connected when the engine switch is turned to the "ACC" or "ON" position.

► Vehicles with a smart entry & start system

The Bluetooth® device is automatically connected when the engine switch is turned to ACCESSORY or IGNITION ON mode.

When "Bluetooth* power" is off:

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

(INFORMATION)

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

EDITING THE Bluetooth* NAME

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

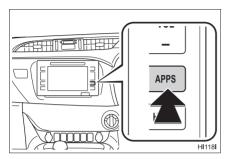
EDITING THE Bluetooth* PIN

- 1 Select "Bluetooth* PIN".
- 2 Enter a PIN-code and select "OK".
- *: The Bluetooth[®] word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

1. GENERAL SETTINGS

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

1 Press the "APPS" button.



- 2 Select "Setup".
- 3 Select "General".
- 4 Select the items to be set.

GENERAL SETTINGS SCREEN







No.	Function
1	Select to change the time zone and set the daylight saving time on/off. $(\rightarrow P.47)$
2	Select to change the unit of measure for distance/fuel consumption.
3	Select to sound beeps.
4	Select to change the screen button colour.
5	Select to change the keyboard layout.
6	Select to set automatic screen changes from the audio control screen to the home screen to on/off. When set to on, the screen will automatically return to the home screen from the audio control screen after 20 seconds.
7	Select to change the capacitive touch button sensor sensitivity.
8	Select to turn the animations on/off.
9	Select to customize the startup images. (→P.48)
10	Select to customize the screen off image, $(\rightarrow P.48)$
11	Select to delete personal data. $(\rightarrow P.51)$
12	Select to update software versions. For details, contact your Toyota dealer.
13	Select to display the software information. Notices related to third party software used in this product are enlisted. (This includes instructions for obtaining such software, where applicable.)
14	Select to reset all setup items.

SYSTEM TIME SETTINGS

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

- Display the "General settings" screen.
 (→P.46)
- 2 Select "System time"
- 3 Select the items to be set.



No.	Function		
1	Select to change the time zone. $(\rightarrow P.48)$		
2	Select to set daylight saving time on/ off.		

SETTING THE TIME ZONE

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



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

CUSTOMISING THE STARTUP AND SCREEN OFF IMAGES

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

► Vehicles without a smart entry & start system

When the engine switch is in the "ACC" or "ON" position, the initial screen will be displayed. $(\rightarrow P.24)$

► Vehicles with a smart entry & start system

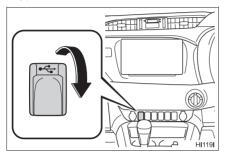
When the engine switch is in ACCES-SORY or IGNITION ON mode, the initial screen will be displayed. (→P.24)

When "Screen off" on the "Setup" screen is selected, the screen is turned off and the desired screen off image that is set is displayed. (To turn the screen off: →P.20)

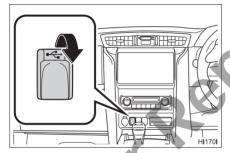
TRANSFERRING IMAGES

Open the cover and connect a USB memory.

►Type A



▶ Type B



- Turn on the power of the USB memory if it is not turned on.
- 2 Press the "APPS" button.
- 3 Select "Setup".
- 4 Select "General".
- 5 Select "Customise startup image" or "Customise screen off image".
- 6 Select "Transfer".
- 7 Select "Yes".

(INFORMATION)

- When saving the images to a USB, name the folder that the startup image is saved to "StartupImage" and name the folder that the screen off image is saved to "DisplayOffImage". If these folder names are not used, the navigation and multimedia system cannot download the images. (The folder names are case sensitive.)
- The compatible file extensions are JPG and JPEG.
- An image's file name, including file extension, can be up to 32 characters.
- Image files of 3 MB or less can be transferred.
- Up to 3 images can be downloaded.

SETTING THE STARTUP IMAGES

- 1 Display the "General settings" screen. (→P.46)
- 2 Select "Customise startup image".
- 3 Select the desired image.



4 Select "OK".

SETTINGS THE SCREEN OFF

- **1** Display the "General settings" screen. (→P.46)
- 2 Select "Customise screen off image".
- 3 Select the desired image.



4 Select "OK".

DELETING TRANSFERRED IMAGES

- 1 Display the "General settings" screen. (→P.46)
- 2 Select "Customise startup image" or "Customise screen off image".
- 3 Select "Delete all".
- 4 Select "Yes".

DELETING PERSONAL DATA

- 1 Display the "General settings" screen. (→P.46)
- 2 Select "Delete personal data".
- 3 Select "Delete".



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

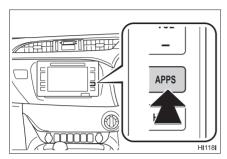
For example:

- General settings
- Navigation settings*
- Audio settings
- Telephone settings
- *: Vehicles with navigation system only

2. VOICE SETTINGS

Voice volume etc. can be set.

1 Press the "APPS" button.



- 2 Select "Setup".
- 3 Select "Voice".
- 4 Select the items to be set.

(INFORMATION)

 "Voice settings" screen can also be displayed from the voice recognition top screen. (→P.112)

VOICE SETTINGS SCREEN



No.	Function	
1	Select to adjust the volume of voice guidance.	
2*	Select to set the voice guidance during route guidance on/off.	
3	Select to set the voice recognition prompts.	
4	Select to set the voice prompt interrupt on/off.	
5	Select to reset all setup items.	

*: Vehicles with navigation system only



BASIC OPERATION

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AUDIO/VISUAL SYSTEM

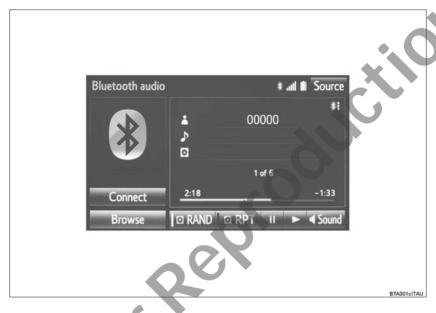
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1. QUICK REFERENCE

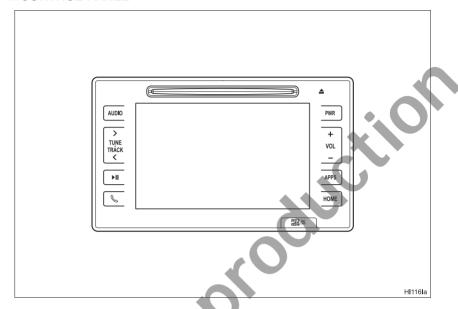
Operations such as selecting a preset station and adjusting the sound balance are carried out on the screen.

Press the "AUDIO" button to display the audio source screen.

■CONTROL SCREEN



CONTROL PANEL



Function	Page
Using the radio	64
Playing an audio CD or MP3/WMA/AAC disc	68
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Playing a Bluetooth [®] device	82
Using the AUX port	88
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(INFORMATION)

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

2. SOME BASICS

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

► Vehicles without a smart entry & start system

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

► Vehicles with a smart entry & start system

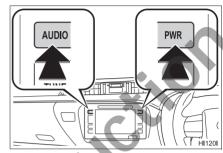
Your audio/visual system works when the engine switch is turned to ACCESSORY or IGNITION ON mode.



NOTICE

 To prevent the battery from being discharged, do not leave the audio/visual system on longer than necessary when the engine is not running.

TURNING THE SYSTEM ON AND OFF



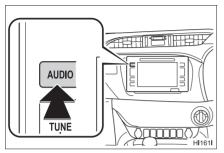
"PWR" button: Press to turn the audio/visual system on and off. The system turns on in the last mode used.

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

 A function that enables automatic return to the home screen from the audio/ visual screen can be selected. (→P.46)

SELECTING AN AUDIO SOURCE

1 Press the "AUDIO" button.



- If the audio source selection screen is not displayed, press the "AUDIO" button again.
- **2** Select the desired source.

(INFORMATION)

Dimmed screen buttons cannot be operated.

REORDERING THE AUDIO SOURCE

- **1** Display the "Select audio source" screen. (→P.60)
- 2 Select "Reorder".



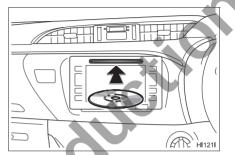
3 Select the desired audio source then



DISC SLOT

INSERTING A DISC

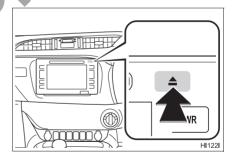
1 Insert a disc into the disc slot.



• After insertion, the disc is automatically loaded.

EJECTING A DISC

1 Press the "≜" button and remove the disc.





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

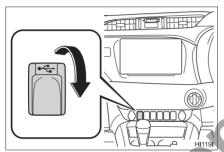
(INFORMATION)

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

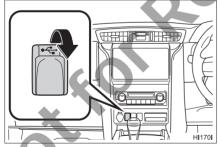
USB/AUX PORT

1 Open the cover and connect a device.

►Type A



►Type B



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

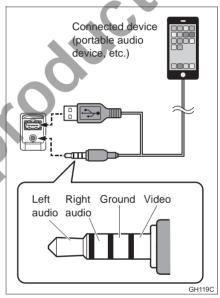
(INFORMATION)

- If a USB hub is plugged-in, two devices can be connected at a time.
- Even if a USB hub is used to connect more than two USB devices, only the first two connected devices will be recognized.

USING A 4-POLE AUX CABLE

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

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



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

(INFORMATION)

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

SOUND SETTINGS

AUTOMATIC SOUND LEVELISER (ASL)

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

- 1 Select the "Sound" on the audio control screen.
- 2 Select the "DSP" tab.
- ► Type A
- 3 Select the "Automatic Sound Leveliser".
- 4 Select "High", "Mid", "Low", or "Off".
- ►Type B
- 3 Select the "Automatic Sound Leveliser".
- 4 Select the on/off

SURROUND FUNCTION*

This function can create a feeling of presence.

- 1 Select the "Sound" on the audio control screen.
- 2 Select the "DSP" tab.
- 3 Select the "SURROUND".
- 4 Select the on/off.

TONE AND BALANCE

TONE:

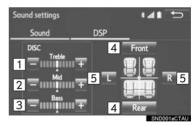
How good an audio program sounds is largely determined by the mix of the treble, mid and bass levels. In fact, different kinds of music and vocal programs usually sound better with different mixes of treble, mid and bass.

BALANCE:

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

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

- 1 Select the "Sound" on the audio control screen.
- 2 Select the "Sound" tab.



3 Select the desired screen button.

No.	Function
1	Select "+" or "-" to adjust high- pitched tones.
2	Select "+" or "-" to adjust mid- pitched tones.
3	Select "+" or "-" to adjust low-pitched tones.

No.	Function
4	Select to adjust the sound balance between the front and rear speakers.
5	Select to adjust the sound balance between the left and right speakers.

(INFORMATION)

 For the 2 speakers vehicle, the sound will be mute if the sound balance is adjusted maximum level to rear position.

AUDIO SCREEN ADJUSTMENT*

SCREEN SIZE SETTINGS

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

▶iPod video/VTR

- 1 Select the "Options" on the audio control screen.
- 2 Select "Screen format".
- 3 Select the desired item to be adjusted.



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

No.	Function
3	Select to enlarge the image by the same ratio horizontally and vertically.

CONTRAST, BRIGHTNESS, COLOUR AND TONE ADJUSTMENT

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

- 1 Select "Options" on the control screen.
- 2 Select "Display" on the option screen.
- 3 Select the desired item to be adjusted.

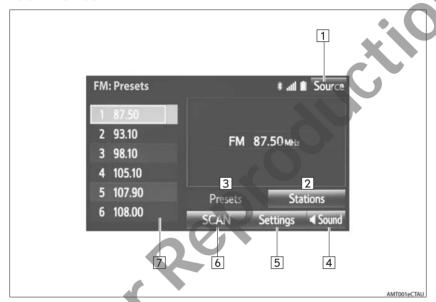
Screen button	Function
"Brightness" "+"	Select to brighten the screen.
"Brightness" "-"	Select to darken the screen.
"Contrast" "+"	Select to strengthen the contrast of the screen.
"Contrast" "-"	Select to weaken the contrast of the screen.
"Tone" "+"	Select to strengthen the tone of the screen.
"Tone"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

1. AM/FM/DAB* RADIO

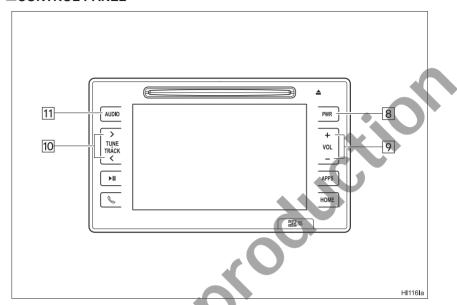
OVERVIEW

The radio operation screen can be reached by the following methods: Select "AM", "FM" or "DAB" to display the audio control screen.

CONTROL SCREEN



CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display a list of receivable stations.
3	Select to display the preset station screen.
4	Select to display the sound setting screen.
5	Select to display the audio setting screen.
6*	Select to scan for receivable stations.
7	Select to tune stations.
8	 Press to turn the audio system on/off. Press and hold to restart the audio system.
9	Press the "+" or "-" button to adjust the volume.
10	AM/FM: Presets screen: Press to step up/down frequencies. Station list screen: Press to move up/down the station list. Press and hold 0.8 sec. or more to seek up/down available stations continuously while the button is being pressed. DAB: Presets screen: Press to select the services/stations. Station list screen: Press to move up/down the station list. Press and hold 0.8 sec. to seek up/down available DAB channels.
11	 Press to select a audio mode. While in a radio mode, pressing the "AUDIO" button displays audio source screen.

^{*:} AM/FM radio only

INFORMATION

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

PRESETTING A STATION

Up to 6 preset stations can be registered in AM and DAB mode, and up to 12 preset stations can be registered for FM radio mode.

- Tune in the desired station.
- **2** Select one of the 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.

RDS (RADIO DATA SYSTEM)

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

TIME SHIFT OPERATION (DAB)*

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

- 1 Select "Time shift"
- 2 Select "◀¶" or "▶▶" to jump forward/ backward by 10 seconds.
 - Select and hold "◀◀" or "▶▶" to fast forward /rewind.

INFORMATION)

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

1. CD

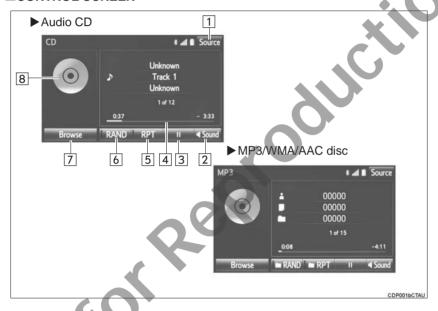
OVERVIEW

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

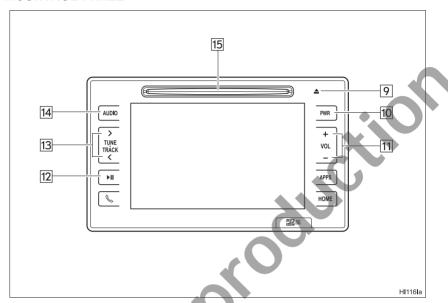
► Inserting a disc (→P.60)

Select "DISC" to display the audio control screen.

■CONTROL SCREEN



CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display the sound setting screen.
3	Select to play/pause.
4	Shows progress
5	Select to set repeat playback.
6	Select to set random playback.
7	 Audio CD: Select to display a track list. MP3/WMA/AAC disc: Select to display a folder list. To return to the top screen, select "Now playing" on the list screen.
8	Select to display a track/file list.
9	Press to eject a disc.
10	Press to turn the audio system on/off.Press and hold to restart the audio system.
11	Press the "+" or "-" button to adjust the volume.
12	Press to play/pause.
13	 Press to select a track/file. Press and hold to fast forward/rewind. Press to select the list.
14	 Press to select a audio mode. While in a media mode, pressing the "AUDIO" button changes to audio source selection screen.
15	Disc slot

(INFORMATION)

- If a disc contains CD-DA files and MP3/WMA/AAC files, only the CD-DA files can be played back.
- If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 32 characters can be displayed.
- If the disc contains no CD-TEXT, only the track number would be displayed on the screen.

PLAYING AN AUDIO CD

REPEATING

The track currently being listened to can be repeated.

 Select the repeat button to change on/ off.

RANDOM ORDER

Tracks can be automatically and randomly selected.

 Select the random button to change on/off.

PLAYING AN MP3/WMA/AAC DISC

REPEATING

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

Select the repeat button to change on/ off.

RANDOM ORDER

Files or folders can be automatically and randomly selected.

Select the random button to change on/off.

2. USB MEMORY

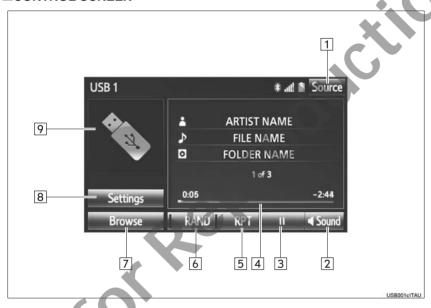
OVERVIEW

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

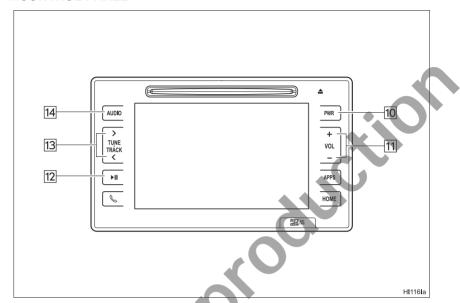
► Connecting a USB memory (→P.61)

Select "USB" to display the audio control screen.

■CONTROL SCREEN



CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display the sound setting screen.
3	Select to play/pause.
4	Shows progress
5	Select to set repeat playback.
6	Select to set random playback.
7	Select to display the play mode selection screen. To return to the top screen, select "Now playing" on the list screen.
8	Select to display the audio setting screen.
9	 Displays cover art Select to display a file/track list. To return to the top screen, select "Now playing" on the list screen.
10	Press to turn the audio system on/off.Press and hold to restart the audio system.
11	Press the "+" or "-" button to adjust the volume.
12	Press to play/pause.
13	Press to select a track/file. Press and hold to fast forward/rewind.
14	 Press to select a media mode. While in a media mode, pressing the "AUDIO" button changes to audio source selection screen.

A

MARNING WARNING

• 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.

(INFORMATION)

• If tag information exists, the file/folder names will be changed to track/album names.

PLAYING A USB AUDIO

REPEATING

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

Select the repeat button to change on/ off.

RANDOM ORDER

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

1 Select the random button to change on/off.

3. iPod

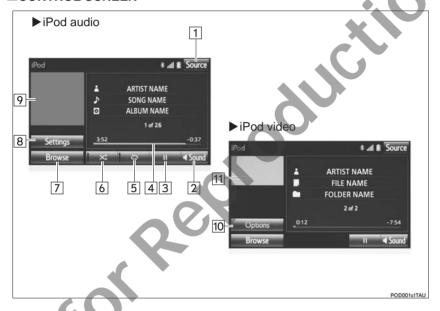
OVERVIEW

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

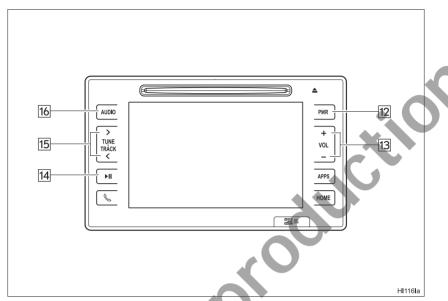
► Connecting an iPod (→P.61)

Select "iPod" to display the audio control screen.

■CONTROL SCREEN



CONTROL PANEL



Nie	Function			
No.	Audio	Video		
1	Select to display the audio source selection screen.	Select to display the audio source selection screen.		
2	Select to display the sound setting screen.	Select to display the sound setting screen.		
3	Select to play/pause.	Select to play/pause.		
4	Shows progress	Shows progress		
5	Select to set repeat playback.			
6	Select to set shuffle playback.			
7	Select to display the play mode selection screen. To return to the top screen, select "Now playing" on the list screen.	Select to display the play mode selection screen. To return to the top screen, select "Now playing" on the list screen.		
8	Select to display the audio setting screen.	_		
9	 Displays cover art Select to display a track list. To return to the top screen, select "Now playing" on the list screen. 	_		
10	_	Select to display the option screen. $(\rightarrow P.81)$		
11	(0)	Select to display full screen video.		
12	 Press to turn the audio system on/off. Press and hold to restart the audio system. 	 Press to turn the audio system on/off. Press and hold to restart the audio system. 		
13	Press the "+" or "-" button to adjust the volume.	Press the "+" or "-" button to adjust the volume.		
14	Press to play/pause.	Press to play/pause.		
15	Press to select a track.Press and hold to fast forward/rewind.	Press to select a file.Press and hold to fast forward/rewind.		
16	 Press to select a media mode. While in a media mode, pressing the "AUDIO" button changes to audio source selection screen. 	 Press to select a media mode. While in a media mode, pressing the "AUDIO" button changes to audio source selection screen. 		



WARNING

• 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.

(INFORMATION)

- The system can only output the sound while driving.
- When an iPod is connected using a genuine iPod cable, the iPod starts charging its battery.
- Depending on the iPod, the video sound may not be able to be heard.
- Depending on the iPod and the songs in the iPod, iPod cover art may be displayed. This function can be changed to on/off. (→P.96) It may take time to display iPod cover art, and the iPod may not be operated while the cover art display is in process.
- When an iPod is connected and the audio source is changed to iPod mode, the iPod will
 resume playing from the same point it was last used.
- Depending on the iPod that is connected to the system, certain functions may not be available.
- For viewing videos from an iPod, it is necessary to set "iPod settings" to "A/V". (→P.98)
- If a Toyota Link application (→P.213) is used while iPod audio is being played back, operation may become unstable. In this case, restart the cellular phone. (Refer to the manual that came with the cellular phone for turning it on/off.)

iPod AUDIO

REPEATING

The track currently being listened to can be repeated.

Select the repeat button to change on/ off.

SHUFFLE

Tracks or albums can be automatically and randomly selected.

 Select the shuffle button to change on/ off.

iPod VIDEO

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

iPod VIDEO OPTIONS

- 1 Select "Options".
- 2 Select the desired settings to change.

Function	Page
Select to change the screen size.	63
Select to display the image quality adjustment screen.	63
Select to change audio settings.	96

4. Bluetooth® AUDIO

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

This audio system supports Bluetooth[®], a wireless data system capable of playing portable audio music without cables. If your device does not support Bluetooth[®], the Bluetooth[®] audio system will not function.

OVERVIEW

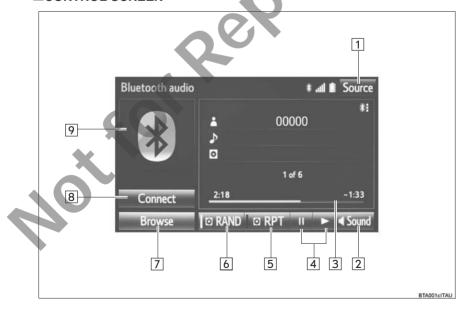
The Bluetooth[®] audio operation screen can be reached by the following methods: Depending on the type of portable player connected, some functions may not be available and/or the screen may look differently than shown in this manual.

► Connecting a Bluetooth[®] audio device (→P.87)

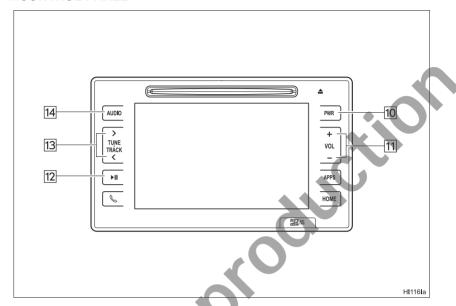
Select "Bluetooth* audio" to display the audio control screen.

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

CONTROL SCREEN



CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display the sound settings screen.
3	Shows progress
4	Select to play/pause.
5	Select to set repeat playback.
6	Select to set random playback.
7	Select to display the playlist screen. To return to the top screen, select "Now playing" on the list screen.
8	Select to display the portable device connection screen.
9	 Select to display a track list. To return to the top screen, select "Now playing" on the list screen.
10	Press to turn the audio system on/off.Press and hold to restart the audio system.
11	Press the "+" or "-" button to adjust the volume.
12	Press to play/pause.
13	Press to select a track.Press and hold to fast forward/rewind.
14	 Press to select a media mode. While in a media mode, pressing the "AUDIO" button changes to audio source selection screen.

A

WARNING

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



NOTICE

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

(INFORMATION)

- Depending on the Bluetooth[®] device that is connected to the system, the music may start playing when selecting while it is paused. Conversely, the music may pause when selecting while it is playing.
- In the following conditions, the system may not function:
 - The Bluetooth® device is turned off.
 - The Bluetooth® device is not connected.
 - The Bluetooth® device has a low battery.
- It may take time to connect the telephone when Bluetooth® audio is being played.
- For operating the portable player, see the instruction manual that comes with it.
- If the Bluetooth[®] device is disconnected due to poor reception from the Bluetooth[®] network when the engine switch is in the following, the system automatically reconnects the portable player.
- ► Vehicles without a smart entry & start system
 The engine switch is turned to the "ACC" or "ON" position.
- ► Vehicles with a smart entry & start system
 The engine switch is turned to ACCESSORY or IGNITION ON mode.
- If the Bluetooth[®] device is disconnected on purpose, such as it was turned off, this does not happen. Reconnect the portable player manually.
- Bluetooth[®] device information is registered when the Bluetooth[®] device is connected to the Bluetooth[®] audio system. When selling or disposing of the vehicle, remove the Bluetooth[®] audio information from the system. (→P.51)



CONNECTING A Bluetooth® DEVICE

To use the Bluetooth[®] audio system, it is necessary to register a Bluetooth[®] device with the system.

- ▶ Registering an additional device
- 1 Select "Connect" on the Bluetooth[®] audio control screen.
- **2** For more information: →P.39
- ► Selecting a registered device
- Select "Connect" on the Bluetooth[®] audio control screen.
- **2** For more information: →P.41

LISTENING TO Bluetooth® AUDIO

REPEATING

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

Select the repeat button to change on/ off.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

Select the random button to change on/off.

5. AUX

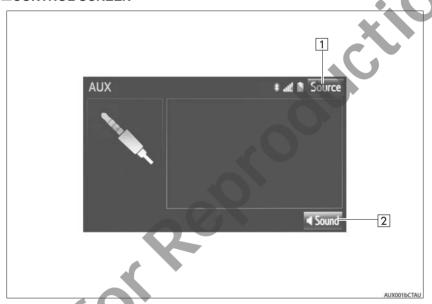
OVERVIEW

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

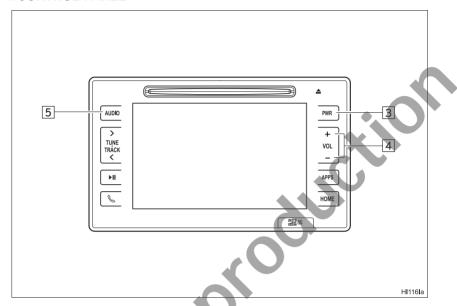
► Connecting a device to the AUX port (→P.61)

Select "AUX" to display the audio control screen.

■CONTROL SCREEN



CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display the sound setting screen.
3	Press to turn the audio system on/off.Press and hold to restart the audio system.
4	Press the "+" or "-" button to adjust the volume.
5	 Press to select a media mode. While in a media mode, pressing the "AUDIO" button changes to audio source selection screen.



WARNING

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.

6. VTR

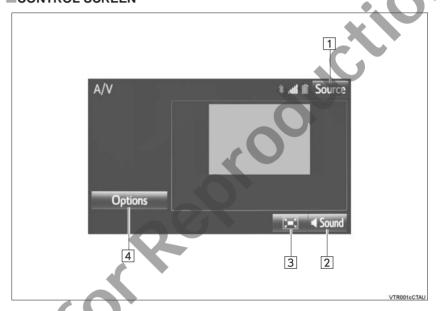
OVERVIEW

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

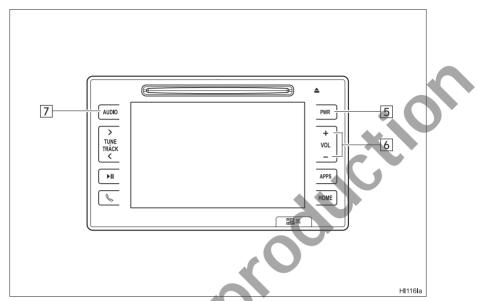
► Connecting a device to the AUX port (→P.61)

Select "A/V" to display the audio control screen.

■CONTROL SCREEN



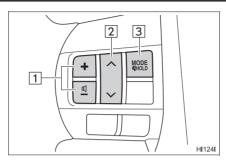
CONTROL PANEL



No.	Function
1	Select to display the audio source selection screen.
2	Select to display the sound setting screen.
3	Select to display full screen video.
4	Select to change the screen size. (→P.63)
5	Press to turn the audio system on/off.Press and hold to restart the audio system.
6	Press the "+" or "-" button to adjust the volume.
7	 Press to select a media mode. While in a media mode, pressing the "AUDIO" button changes to audio source selection screen.

1. STEERING SWITCHES

Some parts of the navigation and multimedia system can be adjusted with the switches on the steering wheel.



No.		Switch
1	Volume control switch	
2	"A" "V" switch	40
3	"MODE" switch	

► Volume control switch

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

▶"∧" "v" switch

Mode	Operation	Function
AM/FM Radio	Press	Preset station up/down Station list up/down
AWIT WI RAGIO	Press and hold (0.8 sec. or more)	Station seek up/down continuously while the switch is being pressed
DAB*	Press	Preset service/station up/down Station list up/down
	Press and hold	DAB channel seek up/down
CD, MP3/WMA/	Press	File/track up/down
AAC disc, USB, iPod, BT audio	Press and hold (0.8 sec. or more)	Fast file/track up/down

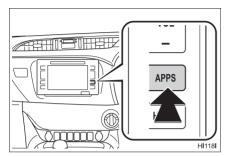
► MODE switch

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

1. AUDIO SETTINGS

Detailed audio settings can be programmed.

1 Press the "APPS" button.



- 2 Select "Setup".
- 3 Select "Audio".
- 4 Select the items to be set.

AUDIO SETTINGS SCREEN



No.	Function	Page
1	Select to set detailed FM radio settings.	97
2*	Select to set detailed DAB settings.	97
3	Select to set the iPod audio signal input settings.	98
4	Select to set the video signal format settings.	98
5	Select to display cover art.	_

*: If equipped

FM RADIO SETTINGS

- Display the audio setting screen.(→P.96)
- 2 Select "FM Radio settings".
- 3 Select the desired button to be set.



No.	Function
1	Select to refresh station list.
2	Select on/off to set the FM Radio text feature.

DAB SETTINGS*

- **1** Display the audio setting screen. (→P.96)
- 2 Select "DAB Radio settings".
- 3 Select the desired button to be set.



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

iPod SETTINGS

- **1** Display the audio setting screen. (→P.96)
- 2 Select "iPod Settings".
- **3** Select a screen button for the desired setting.

EXTERNAL VIDEO SETTINGS

- **1** Display the audio setting screen. (→P.96)
- 2 Select "External video settings".
- **3** Select a screen button for the desired setting.

1. OPERATING INFORMATION

/NOTICE

- To avoid damage to the audio/visual system:
 - Be careful not to spill beverages over the audio/visual system.
 - Do not put anything other than an appropriate disc into the disc slot.

(INFORMATION)

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

RADIO

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

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

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

FM

Fading and drifting stations: Generally, the effective range of FM is about 40 km. Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi-path: FM signals are reflective, making it possible for 2 signals to reach the vehicle's antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

Static and fluttering: These occur when signals are blocked by buildings, trees or other large objects. Increasing the bass level may reduce static and fluttering.

Station swapping: If the FM signal being listened to is interrupted or weakened, and there is another strong station nearby on the FM band, the radio may tune in the second station until the original signal can be picked up again.



AM

Fading: AM broadcasts are reflected by the upper atmosphere — especially at night. These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

Station interference: When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast.

Static: AM is easily affected by external sources of electrical noise, such as high tension power lines, lightening or electrical motors. This results in static.

CD PLAYER AND DISC

- This CD player is intended for use with 12 cm. discs only.
- Extremely high temperatures can keep the CD player from working. On hot days, use the air conditioning system to cool the inside of the vehicle before using the player.
- Bumpy roads or other vibrations may make the CD player skip.
- If moisture gets into the CD player, the discs may not be able to be played. Remove the discs from the player and wait until it dries.



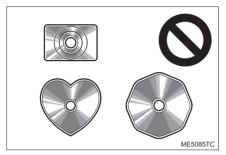
WARNING

 CD players use an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the player correctly.

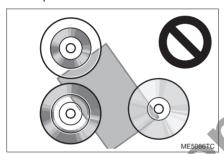


- Use only discs marked as shown above.
 The following products may not be playable on your player:
 - SACD
 - dts CD
 - Copy-protected CD

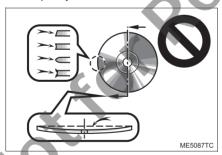
► Special shaped discs



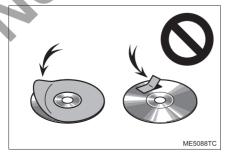
► Transparent/translucent discs



► Low quality discs

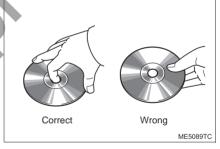


Labeled discs

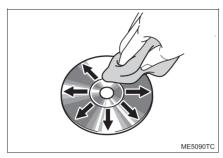


NOTICE

- Do not use special shaped, transparent/ translucent, low quality or labeled discs such as those shown in the illustrations.
 The use of such discs may damage the player, or it may be impossible to eject the disc.
- This system is not designed for use of Dual Discs. Do not use Dual Discs because they may cause damage to the player.
- Do not use discs with a protection ring.
 The use of such discs may damage the player, or it may be impossible to eject the disc.
- Do not use printable discs. The use of such discs may damage the player, or it may be impossible to eject the disc.



- Handle discs carefully, especially when inserting them. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.
- Dirt, scratches, warping, pin holes or other disc damage could cause the player to skip or to repeat a section of a track. (To see a pin hole, hold the disc up to the light.)
- Remove discs from the players when not in use. Store them in their plastic cases away from moisture, heat and direct sunlight.



To clean a disc: Wipe it with a soft, lint-free cloth that has been dampened with water. Wipe in a straight line from the center to the edge of the disc (not in circles). Dry it with another soft, lint-free cloth. Do not use a conventional record cleaner or anti-static device.

CD-R/RW DISCS

- CD-R/CD-RW discs that have not been subject to the "finalizing process" (a process that allows discs to be played on a conventional CD player) cannot be played.
- It may not be possible to play CD-R/ CD-RW discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of the unit.
- It may not be possible to play discs recorded on a personal computer depending on the application settings and the environment. Record with the correct format. (For details, contact the appropriate application manufacturers of the applications.)
- CD-R/CD-RW discs may be damaged by direct exposure to sunlight, high temperatures or other storage conditions. The unit may be unable to play some damaged discs.
- If you insert a CD-RW disc into the player, playback will begin more slowly than with a conventional CD or CD-R disc.

 Recordings on CD-R/CD-RW cannot be played using the DDCD (Double Density CD) system.

iPod



- "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Lightning is a trademark of Apple Inc.

COMPATIBLE MODELS

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

Made for

- iPod touch (5th generation)*
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod classic
- iPod with video
- iPod nano (7th generation)*
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPhone 5s*
- iPhone 5c*
- iPhone 5*
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone
- *: iPod video not supported

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

FILE INFORMATION

COMPATIBLE USB DEVICES

USB communication formats	USB 2.0 HS (480 Mbps) and FS (12 Mbps)
File formats	FAT 16/32
Correspondence class	Mass storage class

FILES

COMPRESSED

Item	USB	DISC			
Compatible file format	MP3/WMA/AAC				
Folders in the device	Maximum 3000	Maximum 192			
Files in the device	Maximum 9999	Maximum 255			
Files per folder	Maximum 255	_			

CORRESPONDING SAMPLING FREQUENCY

File type	Frequency (kHz)
MP3 files: MPEG 1 LAYER 3	32/44.1/48
MP3 files: MPEG 2 LSF LAYER 3	16/22.05/24
WMA files: Ver. 7, 8, 9 (9.1/9.2)	32/44.1/48
AAC files: MPEG4/AAC-LC	11.025/12/16/ 22.05/24/32/ 44.1/48

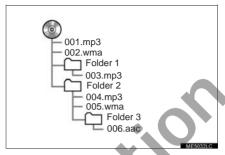
CORRESPONDING BIT RATES

File type	Bit rate (kbps)
MP3 files: MPEG 1 LAYER 3	32 - 320
MP3 files: MPEG 2 LSF LAYER 3	8 - 160
WMA files: Ver. 7, 8	CBR 48 - 192
WMA files: Ver. 9 (9.1/9.2)	CBR 48 - 320
AAC files: MPEG4/AAC-LC	16 - 320

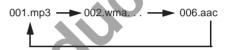
(Variable Bit Rate (VBR) compatible)

- MP3 (MPEG Audio Layer 3), WMA (Windows Media Audio) and AAC (Advanced Audio Coding) are audio compression standards.
- This system can play MP3/WMA/AAC files on CD-R, CD-RW discs and USB memory.
- This system can play disc recordings compatible with ISO 9660 level 1 and level 2 and with the Romeo and Joliet file system.
- When naming an MP3/WMA/AAC file, add an appropriate file extension (.mp3/.wma/.m4a).
- This system plays back files with .mp3/ .wma/.m4a file extensions as MP3/WMA/ AAC files respectively. To prevent noise and playback errors, use the appropriate file extension.
- This system can play only the first session when using multi-session compatible CDs.
- MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2 and Ver. 2.3 formats. This system cannot display disc title, track title and artist name in other formats.
- WMA/AAC files can contain a WMA/AAC tag that is used in the same way as an ID3 tag. WMA/AAC tags carry information such as track title and artist name.
- The emphasis function is available only when playing MP3/WMA files recorded at 32, 44.1 and 48 kHz.
- This system can play back AAC files encoded by iTunes.
- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs recorded with a bit rate of at least 128 kbps are recommended.
- The MP3/WMA player does not play back MP3/WMA files from discs recorded using packet write data transfer (UDF format). Discs should be recorded using "pre-mastering" software rather than packet-write software.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The player is compatible with VBR (Variable Bit Rate).

- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if the fast forward or reverse operations are used.
- It is not possible to check folders that do not include MP3/WMA/AAC files.
- MP3/WMA/AAC files in folders up to 8 levels deep can be played. However, the start of playback may be delayed when using discs containing numerous levels of folders. For this reason, we recommend creating discs with no more than 2 levels of folders.



 The play order of the compact disc with the structure shown above is as follows:



 The order changes depending on the personal computer and MP3/WMA/AAC encoding software you use.

TERMS

PACKET WRITE

 This is a general term that describes the process of writing data on-demand to CD-R, etc., in the same way that data is written to floppy or hard discs.

ID3 TAG

• This is a method of embedding track-related information in an MP3 file. This embedded information can include the track number, track title, the artist's name, the album title, the music genre, the year of production, comments, cover art and other data. The contents can be freely edited using software with ID3 tag editing functions. Although the tags are restricted to a number of characters, the information can be viewed when the track is played back.

WMA TAG

 WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title and artist name.

ISO 9660 FORMAT

- This is the international standard for the formatting of CD-ROM folders and files.
 For the ISO 9660 format, there are 2 levels of regulations.
- Level 1: The file name is in 8.3 format (8 character file names, with a 3 character file extension. File names must be composed of one-byte capital letters and numbers. The "_" symbol may also be included.)
- Level 2: The file name can have up to 31 characters (including the separation mark "." and file extension). Each folder must contain fewer than 8 hierarchies.

MP3

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

WMA

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

AAC

 AAC is short for Advanced Audio Coding and refers to an audio compression technology standard used with MPEG2 and MPEG4.

ERROR MESSAGES

Mode	Message	Explanation
	"No disc found."	It indicates that there is no disc in the CD player.
CD	"Check disc"	It indicates that the disc is dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. It indicates a disc which is not playable is inserted.
	"DISC error"	 There is a trouble inside the system. Eject the disc. The inside of the player unit may be too hot due to the very high ambient temperature. Eject the disc and allow the player to cool down.
USB	"USB error."	This indicates a problem in the USB memory or its connection.
USB	"No music files found."	This indicates that no MP3/WMA/AAC files are included in the USB memory.
	"iPod error."	This indicates a problem in the iPod or its connection.
	"No music files found."	This indicates that there is no music data in the iPod.
iPod	"No videos found."	This indicates that no video files are included in the iPod.
8	"Please check the iPod firmware version."	This indicates that the software version is not compatible. Perform the iPod firmware updates and try again.
X	"iPod authorization failed."	This indicates that it failed to authorize the iPod. Please check your iPod.
Bluetooth® Audio	"Music tracks not support- ed. Please check your au- dio player."	This indicates a problem in the $Bluetooth^{\circledR}$ device.

(INFORMATION)

• If the malfunction is not rectified: Take your vehicle to your Toyota dealer.

SPEECH COMMAND SYSTEM

1.	SPEECH COMMAND SYSTEM	110
	USING THE SPEECH COMMAND SYSTEM	110
	SPEECH COMMAND SYSTEM OPERATION	111
2	COMMANDLIST	114

SPEECH COMMAND SYSTEM

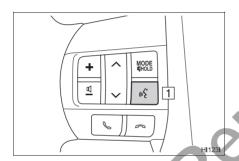
OPERATION

1. SPEECH COMMAND SYSTEM

The speech command system enables the audio/visual, hands-free systems and navigation/multimedia system to be operated using speech commands. Refer to the command list for samples of speech commands. (→P.114)

USING THE SPEECH COMMAND SYSTEM

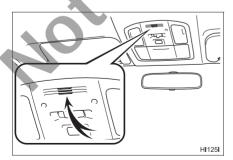
STEERING SWITCH



1 Talk switch

- Press the talk switch to start the speech command system.
- To cancel speech recognition, press and hold the talk switch.

MICROPHONE



 It is unnecessary to speak directly into the microphone when giving a command.

- Wait for the confirmation beep before speaking a command.
- Speech commands may not be recognized if:
 - Spoken too quickly.
 - · Spoken at a low or high volume.
 - The roof or windows are open.
 - Passengers are talking while speech commands are spoken.
 - The air conditioning speed is set high.
 - The air conditioning vents are turned towards the microphone.
- In the following conditions, the system may not recognize the command properly and using speech commands may not be possible:
 - The command is incorrect or unclear.
 Note that certain words, accents or speech patterns may be difficult for the system to recognize.
 - There is excessive background noise, such as wind noise.

SPEECH COMMAND SYSTEM OPERATION

The speech command system is operated by speaking commands corresponding to each function. Also you can confirm the each command by selecting a tab. The tabs are found on the upper part of the screen.

- **1** Press the talk switch.
- After the shortcut menu screen has been displayed, speech guidance will commence.
- Voice guidance for the speech command system can be skipped by pressing the talk switch.
- 2 Say the tab selection command or select the desired tab.



- Commands related with each function are displayed on the screen of the each function tab. Some commonly used commands are displayed on the screen of the Shortcut tab.
 - Saying "Help" prompts voice guidance to offer examples of commands and operation methods.

- **3** Say the command displayed on the screen.
- To cancel voice recognition, select
 - , or press and hold the talk switch.

- If the navigation and multimedia system does not respond or the confirmation screen does not disappear, press the talk switch and try again.
- "Voice recognition prompts" can be set to on or off on the "Voice settings" screen. (→P.52)
- 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.

■DISPLAYING THE "Voice settings" SCREENS



 Selecting "Voice settings" can be displayed the "Voice settings" screen.

Details of voice settings: →P.52

SPEECH COMMAND EXAMPLE: SEARCH FOR A SONG

- 1 Press the talk switch.
- 2 Say "Play song <name>".
- A confirmation screen will be displayed showing the recognition results. If multiple matching items are found, a selection screen will be displayed. Say "<Number>" or select the number.
- The system starts playing music and the song lists are displayed.

- A USB memory or iPod must be connected to enable track searching and playback. (→P.72, 77)
- When a USB memory or iPod is connected, recognition data is created so tracks can be searched using speech commands.
- Recognition data is updated under the following conditions:
- When the USB memory or iPod data has changed.
- While the recognition data is being created or being updated, a track search cannot be performed using a speech command.

SPEECH COMMAND EXAMPLE: CALL NAME

- Press the talk switch.
- 2 Say "Call <contacts> <phone types>".
- A confirmation screen will be displayed showing the recognition results. If multiple matching items are found, a selection screen will be displayed. Say "<Number>" or select the number.

(INFORMATION)

- In the same manner as it is displayed on the screen, "Call <contacts> <phone types>", after saying "Call a contact" say the name, or the name and type of telephone, of a contact.
 - For example: "Call a contact", "John Smith" or "Call a contact", "Mary Davis". "Mobile"
- There are 4 types of telephones: Home, Mobile, Office and Other.
- Short or abbreviated names in the contacts list may not be recognized. Change names in the contacts list 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 contacts list, a name candidate list will be displayed on the screen. If the desired name is not displayed on the top of the screen, say the number of the name from the candidate list (number 1 and number 2) to select a name from the candidate list.
- When a contact has multiple telephone numbers registered in the contacts list, a candidate list will be displayed. If the desired telephone number is not displayed on the top of the screen, say the number of the desired telephone number from the candidate list (number 1 and number 2) to select a telephone number from the candidate list.

SPEECH COMMAND EXAMPLE: DIAL NUMBER

- 1 Press the talk switch.
- 2 Say the telephone number.
- In the same manner as it is displayed on the screen, "Dial <number>", after saying "Dial" say the telephone number.
- Say the telephone number one digit at a time.

For example, if the telephone number is 2345678:

Say "two three four five six seven eight"

Do not say "twenty three forty five sixty seven eight"

- 3 Say "Call" or press the switch on the steering wheel.
 - When the system recognizes multiple telephone numbers, a telephone number candidate list will be displayed on the screen. Pressing the switch on the steering wheel makes a call to the top entry on the list. If the desired telephone number is not displayed on the top of the screen, say the number of the desired telephone number from the candidate list to select a telephone number from the candidate list.

2. COMMAND LIST

Recognizable speech commands and their actions are shown below.

- Frequently used commands are listed in the following tables.
- For devices that are not installed in the vehicle, the related commands will not be displayed in the 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 and multimedia system installed.

▶ Basic

Command	Action
"Help with <function name*="">"</function>	Prompts voice guidance to offer examples of commands or operation methods
"Go to <tab>"</tab>	Displays the command list of the selected tab

^{*:} For example; "Music", "Phone", etc.

► Navi*

Command	Action
"Go home"	Displays the route to home

^{*:} Vehicles with navigation system only

▶Telephone

Command	Action
"Redial"	Places a call to the telephone number of the latest outgoing call
"Call back"	Places a call to the telephone number of latest incoming call
"Show recent calls"	Displays the call history screen
"Dial <phone number="">"</phone>	Places a call to the said telephone number
"Call <contacts> <phonetypes>"</phonetypes></contacts>	Place a call to the said telephone type of the contact from the telephone book

▶ Audio

Command	Action
"Play playlist <playlists>"</playlists>	Plays tracks from the selected playlist
"Play artist <artist>"</artist>	Plays tracks from the selected artist
"Play song <songs>"</songs>	Plays the selected track
"Play album <albums>"</albums>	Plays tracks from the selected album

(INFORMATION)

 Commands relating to operation of the audio/visual can only be performed when the audio is turned on.

5

TELEPHONE

4. RECEIVING ON THE Bluetooth®

	TELEPHONE OPERATION (HANDS-FREE SYSTEM FOR CELLULAR PHONES)		PHONE	
1	QUICK REFERENCE118		PHONEINCOMING CALL WAITING	
2	REGISTERING/CONNECTING A Bluetooth® PHONE	6.	Bluetooth® PHONE MESSAGE FUNCTION RECEIVING A MESSAGE CHECKING MESSAGES REPLYING TO A MESSAGE (QUICK REPLY) CALLING THE MESSAGE SENDER	. 132 . 133 . 133
3	CALLING ON THE Bluetooth® PHONE123	2	SETUP	
	BY FAVOURITES LIST 124 BY CALL HISTORY 124 BY CONTACTS LIST 125 BY DIAL PAD 127 BY OFF HOOK SWITCH 127 BY HOME SCREEN 127	1.	TELEPHONE/MESSAGE SETTINGS TELEPHONE/MESSAGE SETTINGS SCREEN	. 137 . 138 . 139 . 147
		2.	TROUBLESHOOTING	. 149

1. QUICK REFERENCE

The telephone top screen can be used to make a telephone call. To display the hands-free operation screen, press the "APPS" button and select "Telephone", or the & switch on the steering wheel or the & switch on the instrument panel. Several functions are available to operate on each screen that is displayed by selecting the 4 tabs.



	Function	Page
	Registering/connecting Bluetooth® phone	34
Tolophone energtion	Calling on the Bluetooth® phone	123
Telephone operation	Receiving on the Bluetooth® phone	128
	Talking on the Bluetooth® phone	129
Message function	Using the Bluetooth® phone message function	132
Sotting up a talanhana	Telephone settings	137
Setting up a telephone	Bluetooth [®] settings	38

2. SOME BASICS

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

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

The operating procedure of the telephone is explained here.

MARNING

- While driving, do not use a cellular phone or connect the Bluetooth[®] phone.
- Your audio unit is fitted with Bluetooth[®] antennas. People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the Bluetooth[®] antennas. The radio waves may affect the operation of such devices.
- Before using Bluetooth® devices, users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.

NOTICE

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

(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 system at the same time, the following problems may occur:
 - The Bluetooth[®] connection may be cut.
 - Noise may be heard on the Bluetooth[®] audio playback.

REGISTERING/CONNECTING A Bluetooth® PHONE

To use the hands-free system for cellular phones, it is necessary to register a cellular phone with the system. (→P.34)

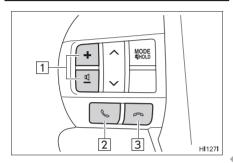
Bluetooth® PHONE CONDITION DISPLAY

The condition of the Bluetooth[®] phone appears on the upper right side of the screen. (→P.18)

USING THE TELEPHONE SWITCH/MICROPHONE

STEERING SWITCH

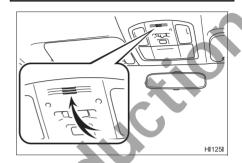
By pressing the telephone switch, a call can be received or ended without taking your hands off the steering wheel.



- 1 Volume control switch
- Press the "+" side to increase the volume.
- Press the "-" side to decrease the volume.
- 2 Off hook switch
- 3 On hook switch

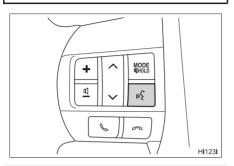
MICROPHONE

The microphone is used when talking on the telephone.



SPEECH COMMAND SYSTEM

Press this switch to operate the speech command system.



 The speech command system and its list of commands can be operated. (→P.110)

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

ABOUT THE CONTACTS IN THE CONTACT LIST

- The following data is stored for every registered telephone. When another telephone is connected, the following registered data cannot be read:
 - Contact data
 - · Call history data
 - Favourites data
 - Image data
 - · All telephone settings
 - · Message settings

(INFORMATION)

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

WHEN SELLING OR DISPOSING OF THE VEHICLE

A lot of personal data is registered when the hands-free system is used. When selling or disposing of the vehicle, initialize the data. (\rightarrow P.51)

- The following data in the system can be initialized:
 - Contact data
 - Call history data
 - · Favourites data
 - Image data
 - All telephone settings
 - Message settings

(INFORMATION)

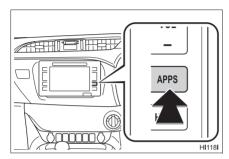
Once initialized, the data and settings will be erased. Pay much attention when initializing the data.



3. CALLING ON THE Bluetooth® PHONE

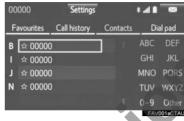
After a Bluetooth[®] phone has been registered, a call can be made using the hands-free system. There are several methods by which a call can be made, as described below.

1 Press the "APPS" button.



2 Select "Telephone".

3 Select the desired tab to call from.



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

How to make a call list	Page
By favourites list	124
By call history	124
By contacts list*	125
By dial pad*	127
By e-mail/SMS/MMS	135
By off hook switch	127
By speech command system	113
By Home screen	127

*: The operation cannot be performed while driving.

BY FAVOURITES LIST

Calls can be made using registered contacts which can be selected from a contact list. (→P.144)

- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Favourites" tab and select the desired contact.



- 3 Select the desired number.
- 4 Check that the "Call" screen is displayed.

BY CALL HISTORY

Up to 30 of the latest call history items (missed, incoming and outgoing) can be selected from the "Call history" tab.

- 1 Display the telephone top screen. (→P.123)
- 2 Select the "Call history" tab and select or the desired contact.



- The icons of call type are displayed.
- & : Missed call
- : Incoming call
- Coutgoing call
- ►When is selected
- 3 Check that the "Call" screen is displayed.
- ► When the desired contact is selected.
- 3 Select the desired number.

4 Check that the "Call" screen is displayed.

(INFORMATION)

- When making a call to the same number continuously, only the most recent call is listed in call history.
- When a telephone number registered in the contact list is received, the name and the number are displayed.
- Number-withheld calls are also memorized in the system.
- International telephone calls may not be made depending on the type of cellular phone you have.
- The list should group together consecutive entries with the same telephone number and same call type. For example, two calls from John's mobile would be displayed as follows: John (2)

BY CONTACTS LIST

Calls can be made by using contact data which is transferred from a registered cellular phone. (→P.125)

Up to 2500 contacts (maximum of 4 telephone numbers and e-mail addresses per contact) can be registered in the contact list.

- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Contacts" tab and select the desired contact.



- 3 Select the desired number.
- 4 Check that the "Call" screen is displayed.

WHEN THE CONTACT IS EMPTY

FOR PBAP COMPATIBLE Bluetooth® PHONES

- ► When "Automatic transfer" is set to on (→P.139)
- Contacts are transferred automatically.
- ► When "Automatic transfer" is set to off (→P.139)

1 Select the desired item.



No.	Function
1	Select to transfer new contacts from a cellular phone, select "Always" and then enable "Automatic transfer".
2	Select to transfer all the contacts from a connected cellular phone only once.
3	Select to cancel transferring.

FOR PBAP INCOMPATIBLE BUT OPP COMPATIBLE Bluetooth® PHONES

1 Select the desired item.



No.	Function
1	Select to transfer the contacts from the connected cellular phone.
2	Select to add a new contact manually.
3	Select to cancel transferring.

- ►When "Transfer" is selected
- 2 Follow the steps in "FOR PBAP INCOMPATIBLE BUT OPP COMPATIBLE Bluetooth® PHONES" from "STEP 2". (→P.140)
- ► When "Add" is selected
- 2 Follow the steps in "REGISTERING A NEW CONTACT TO THE CONTACT LIST" from "STEP 2". (→P.141)

- Manual transfer operation cannot be performed while driving.
- If your cellular phone is neither PBAP nor OPP compatible, the contacts cannot be transferred.
- Depending on the type of Bluetooth[®] phone:
 - It may be necessary to perform additional steps on the telephone when transferring contact data.
 - The registered image in the contact list may not transfer depending on the type of Bluetooth[®] phone connected.

BY DIAL PAD

- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Dial pad" tab and enter the telephone number.



- 3 Select or press the switch on the steering wheel.
- 4 Check that the "Call" screen is displayed.

(INFORMATION)

Depending on the type of Bluetooth[®] phone being connected, it may be necessary to perform additional steps on the telephone.

BY OFF HOCK SWITCH

Calls can be made using the latest call history item.

- 1 Press the & switch on the steering wheel to display the telephone top screen.
- Press the switch on the steering wheel to display the "Call history" screen.
- **3** Press the switch on the steering wheel to call the latest history item.
- 4 Check that the "Call" screen is displayed.

BY HOME SCREEN

- **1** Display the home screen. (→P.28)
- **2** Select the desired contact.



3 Check that the "Call" screen is displayed.

REGISTERING A NEW CONTACT

- Select and hold the screen button to add a contact.
- Select the desired contact.
- 3 Select the desired number.

- If there is no contact in the contacts list, the contacts cannot be registered at the home screen.
- The contact cannot be registered at the home screen while driving.

4. RECEIVING ON THE Bluetooth® PHONE

INCOMING CALLS

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

1 Select or press the switch on the steering wheel to talk on the telephone.



To refuse to receive the call: Select

or press the switch on the steering wheel.

To adjust the volume of a received call: Push the "VOL" button, or use the volume control switch on the steering wheel.

- During international telephone calls, the other party's name or number may not be displayed correctly depending on the type of cellular phone you have.
- The incoming call display mode can be set. (→P.148)
- The ringtone that has been set in the "Sound settings" screen sounds when there is an incoming call. Depending on the type of Bluetooth® phone, both the navigation and multimedia system and Bluetooth® phone may sound simultaneously when there is an incoming call. (→P.138)

5. TALKING ON THE Bluetooth® PHONE

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



No.	Function	Page
1	Select to display the dial pad to send tones.	129
2	Select to mute your voice to the other party.	_
3	Select to change handset modes between handsfree and cellular phone.	Ō
4	Select to adjust your voice volume that the other party hears from their speaker.	130
5	Select to send tones. This button only appears when a number that contains a (w) is dialed in hands-free mode.	130
6	Select to hang up the telephone.	_
7	Select "+" or "-" to adjust the volume of the other party's voice.	_
8	Select to start talking with the other party.	131

(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.

SENDING TONES

BY DIAL PAD

This operation cannot be performed while driving.

1 Select "0-9".



2 Enter the desired number.

■BY SELECTING "Release tones"

"Release tones" appear when a continuous tone signal(s) containing a (w) is registered in the contact list.

This operation can be performed while driving.

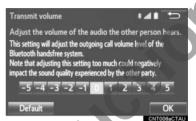
1 Select "Release tones".

(INFORMATION)

- A continuous tone signal is a character string that consists of numbers and the characters p or w. (e.g. 056133w0123p#1*)
- When the "p" pause tone is used, the tone data up until the next pause tone will be automatically sent after 2 seconds have elapsed. When the "w" pause tone is used, the tone data up until the next pause tone will be automatically sent after a user operation is performed.
- Release tones can be used when automated operation of a telephone based service such as an answering machine or bank telephone service is desired. A telephone number with continuous tone signals can be registered in the contact list
- Tone data after a "w" pause tone can be operated on speech command during a call.

TRANSMIT VOLUME SETTING

- 1 Select "Transmit volume".
- 2 Select the desired level for the transmit volume.



3 Select "OK"

- The sound quality of the voice heard from the other party's speaker may be negatively impacted.
- To reset the transmit volume, select "Default".
- "Transmit volume" is dimmed when mute is on.

INCOMING CALL WAITING

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

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



To refuse to receive the call: Select

or press the switch on the steering wheel.

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

(INFORMATION)

 This function may not be available depending on the type of cellular phone.

6. Bluetooth® PHONE MESSAGE FUNCTION

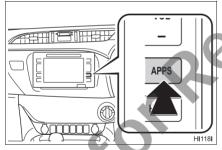
Received messages can be forwarded from the connected Bluetooth[®] phone, enabling checking and replying using the navigation and multimedia system.

Depending on the type of Bluetooth[®] phone connected, received messages may not be transferred to the message inbox.

If the telephone does not support the message function, this function cannot be used.

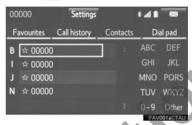
Depending on the type of the telephone, even if it supports the message function, forwarding messages may not be possible without changing settings on the telephone itself.

1 Press the "APPS" button.

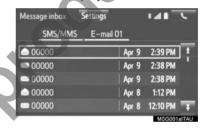


- 2 Select "Telephone".
- You can also display the "Message inbox" screen to select "Message".

3 Select



- The telephone top screen can be displayed by pressing the switch on the steering wheel.
- 4 Check that the "Message inbox" screen is displayed.



: Select to change to telephone mode.

Function	Page
Receiving a message	133
Checking messages	133
Replying to a message (quick reply)	134
Calling the message sender	135
Message settings	147

RECEIVING A MESSAGE

When an e-mail/SMS/MMS is received, the incoming message screen pops up with sound and is ready to be operated on the screen.



No.	Function
1	Select to check the message.
2	Select to not open the message.
3	Select to call the message sender.

(INFORMATION)

- Depending on the cellular phone used for receiving messages, or its registration status with the navigation and multimedia system, some information may not be displayed.
- The pop up screen is separately available for incoming e-mail and SMS/MMS messages under the following conditions:

E-mail:

- "Incoming E-mail display" is set to "Full screen". (→P.147)
- "É-mail notification popup" is set to on.
 (→P.147)

SMS/MMS:

- "Incoming SMS/MMS display" is set to "Full screen". (→P.147)
- "SMS/MMS notification popup" is set to on. (→P.147)

CHECKING MESSAGES

- 1 Display the "Message inbox" screen. (→P.132)
- 2 Select the desired message from the list.
- 3 Check that the message is displayed.



Play Previous Next Quick message Message 1 of 53 Message Message 1 of 53 Message Message Message Message Message Message message in for "Mark read" to mark mail unread or read on the message inbox screen.

- This function is available when "Update message read status on telephone" is set to on. (→P.147)
- Select to reply the message. $(\rightarrow P.134)$
- Select to display the previous or next message.

Select to have messages read out.
To cancel this function, select
"Stop".

- When "Automatic message readout" is set to on, messages will be automatically read out. (→P.147)
- Select to make a call to the sender.

^{*:} E-mail only

(INFORMATION)

- Reading a text message is not available while driving.
- Depending on the type of Bluetooth[®] phone being connected, it may be necessary to perform additional steps on the telephone.
- Messages are displayed in the appropriate connected Bluetooth[®] phone's registered mail address folder. Select the tab of the desired folder to be displayed.
- Only received messages on the connected Bluetooth[®] phone can be displayed.
- The text of the message is not displayed while driving.
- Push the "VOL" button, or use the volume control switch on the steering wheel to adjust the message read out volume.

REPLYING TO A MESSAGE (QUICK REPLY)

15 messages have already been stored.

- 1 Display the message inbox screen. (→P.132)
- 2 Select the desired message from the list.
- 3 Select "Quick message"



- 4 Select the desired message.
- 5 Select "Send".
- While the message is being sent, a sending message screen is displayed.
- To cancel sending the message, select "Cancel".

■EDITING QUICK REPLY MESSAGES

This operation cannot be performed while driving.

1 Select "Quick message".



- 2 Select corresponding to the desired message to edit.
- 3 Select "OK" when editing is completed.

(INFORMATION)

- To reset the edit quick reply messages, select "Default".
- "Quick message 1" ("I am driving and will arrive in approximately [ETA] minutes.")*:

This message cannot be edited and will automatically fill in [ETA] with the navigation calculated estimated time of arrival on the confirm message screen. If there are way points set, [ETA] to the next waypoint will be shown.

If there is no route currently set in the navigation system, "Quick message 1" cannot be selected.

: Vehicles with navigation system only

CALLING THE MESSAGE SENDER

Calls can be made to an e-mail/SMS/MMS message sender's telephone number.

This operation can be performed while driving.

CALLING FROM E-MAIL/SMS/MMS MESSAGE DISPLAY

- Display the "Message inbox" screen. (→P.132)
- **2** Select the desired message.
- 3 Select C.



- If there are 2 or more telephone numbers, select the desired number.
- **4** Check that the "Call" screen is displayed.

■CALLING FROM A NUMBER WITHIN A MESSAGE

Calls can be made to a number identified in a message's text area.

This operation cannot be performed while driving.

- **1** Display the "Message inbox" screen. (→P.132)
- 2 Select the desired message.
- 3 Select the text area.



- 4 Select corresponding to the desired number.
- Identified telephone numbers contained in the message are displayed.
- **5** Check that the "Call" screen is displayed.

(INFORMATION)

 A series of numbers may be recognized as a telephone number. Additionally, some telephone numbers may not be recognized, such as those for other countries.

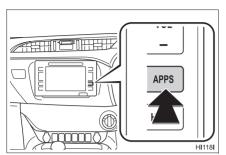
■CALLING FROM THE INCOMING MESSAGE SCREEN

→P.133



1. TELEPHONE/MESSAGE SETTINGS

1 Press the "APPS" button.



- 2 Select "Setup".
- 3 Select "Telephone".
- 4 Select the item to be set.

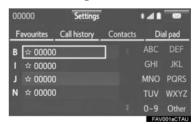
TELEPHONE/MESSAGE SETTINGS SCREEN



No.	Information	Page
1	Registering/connecting a telephone	34
2	Sound settings	138
3	Contact/call history set- tings	139
4	Messaging settings	147
5	Telephone display settings	148

DISPLAYING THE TELEPHONE/MESSAGE SETTINGS SCREEN IN A DIFFERENT WAY

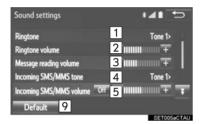
- **1** Display the telephone top screen. $(\rightarrow P.123)$
- 2 Select "Settings".



"Sound settings" SCREEN

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

- **1** Display the "Telephone/Message settings" screen. (→P.137)
- 2 Select "Sound settings".
- 3 Select the desired item to be set.





No.	Function
1	Select to set the desired ring tone.
2	Select "-" or "+" to adjust the ring tone volume.
3	Select "-" or "+" to adjust the message readout volume.
4	Select to set the desired incoming SMS/MMS tone.
5	Select "-" or "+" to adjust the incoming SMS/MMS tone volume.
6	Select to set the desired incoming email tone.
7	Select "-" or "+" to adjust the incoming e-mail tone volume.
8	Select "-" or "+" to adjust the default volume of the other party's voice.
9	Select to reset all setup items.

(INFORMATION)

 Depending on the type of telephone, certain functions may not be available.

"Contact/call history settings" SCREEN

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

The call history can be deleted and contact and favourites can be changed.

- **1** Display the "Telephone/Message settings" screen. (→P.137)
- 2 Select "Contact/call history settings".
- 3 Select the desired item to be set.





No.	Function	Page
1	For PBAP compatible Bluetooth® phones, select to set automatic contact/ history transfer on/off. When set to on, the telephone's contact data and history are automatically transferred.	50
2	Select to update contacts from the connected telephone.	140
3	Select to sort contacts by the first name or last name field.	_
4	Select to add contacts to the favourites list.	144
5	Select to delete contacts from the favourites list.	146
6	Select to set the transferred contact image display on/off.	_
7*	Select to clear contacts from the call history.	_
8*	Select to add new contacts to the contact list.	141
9*	Select to edit contacts in the contact list.	142
10*	Select to delete contacts from the contact list.	143
11	Select to reset all setup items.	_

*: For PBAP compatible Bluetooth® phones, this function is available when "Automatic transfer" is set to off. (→P.139)

- Depending on the type of telephone, certain functions may not be available.
- Contact data is managed independently for every registered telephone. When one telephone is connected, another telephone's registered data cannot be read.

UPDATE CONTACTS FROM TELEPHONE

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

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

FOR PBAP COMPATIBLE Bluetooth® PHONES

- 1 Select "Update contacts from telephone".
- Contacts are transferred automatically.
- 2 Check that a confirmation screen is displayed when the operation is complete.
- This operation may be unnecessary depending on the type of cellular phone.
- Depending on the type of cellular phone, OBEX authentication may be required when transferring contact data. Enter "1234" into the Bluetooth® phone.
- If another Bluetooth[®] device is connected when transferring contact data, depending on the telephone, the connected Bluetooth[®] device may need to be disconnected.
- Depending on the type of Bluetooth[®] phone being connected, it may be necessary to perform additional steps on the phone.

FOR PBAP INCOMPATIBLE BUT OPP COMPATIBLE Bluetooth® PHONES

This operation cannot be performed while driving.

- 1 Select "Update contacts from telephone".
- 2 Transfer the contact data to the system using a Bluetooth[®] phone.
- This operation may be unnecessary depending on the type of cellular phone.
- Depending on the type of cellular phone, OBEX authentication may be required when transferring contact data. Enter "1234" into the Bluetooth® phone.
- To cancel this function, select "Cancel".
- **3** Select "**Done**" when it appears on the screen.
- 4 Check that a confirmation screen is displayed when the operation is complete.

■UPDATING THE CONTACTS IN A DIFFERENT WAY (FROM THE "Call history" SCREEN)

For only OPP compatible Bluetooth[®] phones, this function is available when "Automatic transfer" is set to off. $(\rightarrow P.139)$

- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Call history" tab and select a contact not yet registered in the contact list.
- 3 Select "Update contact".



- 4 Select the desired contact.
- **5** Select a telephone type for the telephone number.

REGISTERING A NEW CONTACT TO THE CONTACT LIST

New contact data can be registered.

Up to 4 numbers per person can be registered. For PBAP compatible Bluetooth[®] phones, this function is available when "Automatic transfer" is set to off. (→P.139)

- 1 Select "New contact".
- 2 Enter the name and select "OK".
- 3 Enter the telephone number and select "OK".
- Select the telephone type for the telephone number.
- To add another number to this contact, select "Yes".

REGISTERING A NEW CONTACT IN A DIFFERENT WAY (FROM THE "Call history" SCREEN)

For only OPP compatible Bluetooth[®] phones, this function is available when "Automatic transfer" is set to off. $(\rightarrow P.139)$

- 1 Display the telephone top screen. (→P.123)
- 2 Select the "Call history" tab and select a contact not yet registered in the contact list.
- 3 Select "Add to contacts".

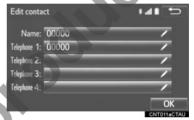


4 Follow the steps in "REGISTERING A NEW CONTACT TO THE CONTACT LIST" from "STEP 3". (→P.141)

EDITING THE CONTACT DATA

For PBAP compatible Bluetooth[®] phones, this function is available when "Automatic transfer" is set to off. $(\rightarrow P.139)$

- 1 Select "Edit contact".
- 2 Select the desired contact.
- 3 Select corresponding to the desired name or number.



- For editing the name
- **4** Follow the steps in "REGISTERING A NEW CONTACT TO THE CONTACT LIST" from "STEP 2". (→P.141)
- ► For editing the number
- **4** Follow the steps in "REGISTERING A NEW CONTACT TO THE CONTACT LIST" from "STEP 3". (→P.141)

■EDITING THE CONTACT IN A DIFFERENT WAY (FROM THE "Contact details" SCREEN)

- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Contacts", "Call history" tab or the "Favourites" tab and select the desired contact.
- 3 Select "Edit contact".



"E-mail addresses": Select to display all registered e-mail addresses for the contact.

Follow the steps in "EDITING THE CONTACT DATA" from "STEP 3". (→P.142)

DELETING THE CONTACT DATA

For PBAP compatible Bluetooth[®] phones, this function is available when "Automatic transfer" is set to off. $(\rightarrow P.139)$

- 1 Select "Delete contacts".
- 2 Select the desired contact and select "Delete".
- **3** Select "**Yes**" when the confirmation screen appears.

(INFORMATION)

 Multiple data can be selected and deleted at the same time.

■DELETING THE CONTACT IN A DIFFERENT WAY (FROM THE "Contact details" SCREEN)

- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Contacts", "Call history" tab or the "Favourites" tab and select the desired contact.
- 3 Select "Delete contact".



4 Select "**Yes**" when the confirmation screen appears.

INFORMATION

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

FAVOURITES LIST SETTING

Up to 15 contacts (maximum of 4 numbers per contact) can be registered in the favourites list.

REGISTERING THE CONTACTS IN THE FAVOURITES LIST

- 1 Select "Add favourites".
- 2 Select the desired contact to add to the favorites list.



- Dimmed contacts are already stored as a favourite.
- 3 Check that a confirmation screen is displayed when the operation is complete.

- ► When 15 contacts have already been registered to the favourites list
- 1 When 15 contacts have already been registered to the favourites list, a registered contact needs to be replaced. Select "Yes" when the confirmation screen appears to replace a contact.



2 Select the contact to be replaced.



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

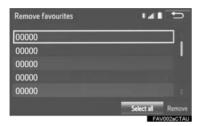
- ► Registering contacts in the favourites list in a different way (from the "Contacts" screen)
- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Contacts" tab.
- 3 Select ☆ at the beginning of the desired contact list name to be registered in the favourites list.



- When selected, ☆ is changed to ★, and the contact is registered in the favourites list
- Registering contacts in the favourites list in a different way (from the "Contact details" screen)
- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Contacts" tab or the "Call history" tab and select the desired contact.
- 3 Select "Add favourite".
- **4** Check that a confirmation screen is displayed when the operation is complete.

■DELETING THE CONTACTS IN THE FAVOURITES LIST

- 1 Select "Remove favourite".
- 2 Select the desired contacts and select "Remove".



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

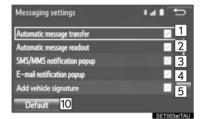
- ▶ Deleting contacts in the favourites list in a different way (from the "Contacts" screen)
- **1** Display the telephone top screen. (→P.123)
- 2 Select the "Contacts" tab.
- 3 Select ★ at the beginning of the contact list name to be deleted from the favourites list.



- When selected, ★ is changed to ☆, and the data is deleted from the list.
- ▶ Deleting contacts in the favourites list in a different way (from the "Contact details" screen)
- 1 Display the telephone top screen. (→P.123)
- 2 Select the "Contacts", "Call history" tab or the "Favourites" tab and select the desired contact to delete.
- 3 Select "Remove favourite".
- **4** Select "**Yes**" when the confirmation screen appears.
- 5 Check that a confirmation screen is displayed when the operation is complete.

"Messaging settings" SCREEN

- **1** Display the "Telephone/Message settings" screen. (→P.137)
- 2 Select "Messaging settings".
- 3 Select the desired item to be set.





No.	Function
1	Select to set automatic message transfer on/off.
2	Select to set automatic message readout on/off.
3	Select to set the SMS/MMS notification popup on/off.
4	Select to set the e-mail notification popup on/off.
5	Select to set adding the vehicle signature to outgoing messages on/off.
6	Select to set updating message read status on telephone on/off.
7	Select to change the incoming SMS/MMS display. "Full screen": When an SMS/MMS message is received, the incoming SMS/MMS display screen is displayed and it can be operated by selecting the switches on the screen. "Drop-down": When an SMS/MMS message is received, a message is displayed on the upper side of the screen.
8	Select to change the incoming e-mail display. "Full screen": When an e-mail is received, the incoming e-mail display screen is the displayed and it can be operated by selecting the switches on the screen. "Drop-down": When an e-mail is received, a message is displayed on the upper side of the screen.
9	Select to set display of messaging account names on the inbox tab on/off. When set to on, messaging account names used on the cellular phone will be displayed.
10	Select to reset all setup items.

(INFORMATION)

 Depending on the telephone, these functions may not be available.

DISPLAYING THE "Messaging settings" SCREEN IN A DIFFERENT WAY

- **1** Display the telephone top screen. (→P.123)
- 2 Select .
- 3 Select "Settings".

"Telephone display settings" SCREEN

- **1** Display the "Telephone/Message settings" screen. (→P.137)
- 2 Select "Telephone display settings"
- 3 Select the desired item to be set.



Default 3 SET0022

Select to change the incoming call display.

"Full screen": When a call is received, the hands-free screen is displayed and it can be operated by selecting the switches on the screen.

"Drop-down": A message is displayed on the upper side of the screen.

Select to set display of the contact/ history transfer completion message on/off.

Select to reset all setup items.

(INFORMATION)

 Depending on the telephone, these functions may not be available.

2. TROUBLESHOOTING

If there is a problem with the hands-free system or a $Bluetooth^{@}$ device, first check the table below.

►When using the hands-free system with a Bluetooth® device

Symptom	Likely cause	Solution	Page Cellular This phone system
The hands-free system or Bluetooth [®] device does not work.	The Bluetooth® version of the connected cellular phone may be older than the specified version.	Use a cellular phone with Bluetooth® version 2.0 or higher (recommended: Ver. 3.0 +EDR or higher).	* 37

► When registering/connecting a cellular phone

			Ра	ge
Symptom	Likely cause	Solution	Cellular phone	This system
	An incorrect pass- code was entered on the cellular phone.	Enter the correct passcode on the cellular phone.	*	_
A cellular phone	The registration op- eration has not been completed on the cellular phone side.	Complete the registration operation on the cellular phone (approve registration on the phone).	*	_
cannot be registered.	Old registration information remains on either this system or the cellular phone.	Delete the existing registration information from both this system and the cellular phone, then register the cellular phone you wish to connect to this system.	*	40

			Pa	ge
Symptom	Likely cause	Solution	Cellular phone	This system
	Another Bluetooth [®] device is already connected.	Manually connect the cellular phone you wish to use to this system.	_	41
	Bluetooth [®] function is not enabled on the cellular phone.	Enable the Bluetooth [®] function on the cellular phone.	*	
A Bluetooth® connection cannot be made.	Automatic Bluetooth® connection on this system is set to off.	Set automatic Bluetooth® connection on this system to on when the engine switch is in the following. Vehicles without a smart entry & start system The engine switch is turned to the "ACC" or "ON" position. Vehicles with a smart entry & start system The engine switch is turned to ACCESSORY or IGNITION ON mode.		44
10	Bluetooth [®] function is not enabled on the cellular phone.	Enable the Bluetooth [®] function on the cellular phone.	*	_
"Unable to dial. Please check your phone."	Old registration information remains on either this system or the cellular phone.	Delete the existing registration information from both this system and the cellular phone, then register the cellular phone you wish to connect to this system.	*	40

►When making/receiving a call

			Ра	ge
Symptom	Likely cause	Solution	Cellular phone	This system
A call cannot be made/received.	Your vehicle is in a "No service" area.	Move to where "No service" no longer appears on the display.	-	9

►When using the phonebook

			Pa	ge
Symptom	Likely cause	Solution	Cellular phone	This system
	Automatic contact transfer function on this system is set to off.	Set automatic contact transfer function on this system to on.	_	139
Phonebook data cannot be transferred manually/automatically.	Passcode has not been entered on the cellular phone.	Enter the passcode on the cellular phone if requested (default passcode: 1234).	*	_
٥.0	Transfer operation on the cellular phone has not completed.	Complete transfer operation on the cellular phone (approve transfer operation on the phone).	*	_
Phonebook data cannot be edited.	Automatic contact transfer function on this system is set to on.	Set automatic contact transfer function on this system to off.	_	139

► When using the Bluetooth[®] message function

			Ра	ge
Symptom	Symptom Likely cause Soluti	Solution	Cellular phone	This system
Messages cannot be viewed.	Message transfer is not enabled on the cellular phone.	Enable message transfer on the cellular phone (approve message transfer on the phone).	*	0
	Automatic transfer function on this system is set to off.	Set automatic transfer function on this system to on.	E	147
New message notifications are not	Notification of SMS/ MMS/E-mail recep- tion on this system is set to off.	Set notification of SMS/MMS/E-mail reception on this system to on.	*	147
displayed.	Automatic message transfer function is not enabled on the cellular phone.	Enable automatic transfer function on the cellular phone.	*	_

▶In other situations

			Ра	ge
Symptom	Likely cause	Solution	Cellular phone	This system
The Bluetooth® connection status is displayed at the top of the screen each time the engine switch is in the following. ▶ Vehicles without a smart entry & start system The engine switch is turned to the "ACC" or "ON" position. ▶ Vehicles with a smart entry & start system The engine switch is turned to the "ACC" or "ON" position.	Connection confirmation display on this system is set to on.	To turn off the display, set connection confirmation display on this system to off.		44

			Pa	ge
Symptom Likely cause	Solution	Cellular phone	This system	
	The cellular phone is not close enough to this system.	Bring the cellular phone closer to this system.	_	-(
	and reinstall tery pack, a restart the phone. Enable the phone's Bluconnection. The cellular phone is the most likely cause of the symptom. Stop the phone's secundary application institute cellular carefully change and operation more source and operation more secundary.	phone off, remove and reinstall the bat- tery pack, and then restart the cellular	Ċ	0,
have been taken, the		Enable the cellular phone's Bluetooth® connection.	*	_
not change.		Stop the cellular phone's security software and close all applications.	*	_
		Before using an application installed on the cellular phone, carefully check its source and how its operation might affect this system.	*	_

^{*:} For details, refer to the owner's manual that came with the cellular phone.

THE RESIDENCE INC.

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1. NAVIGATION SETTINGS

When you start the navigation software for the first time, the initial settings screen is automatically displayed. Follow the steps below to use the initial settings screen.

1 Confirm the end-user license agreement. Select "Accept" to continue.



- 2 Select "Next".
- 3 Select the desired language and narrator and then select "Next".
- You can change these settings at any time in the Sound and Warnings settings. (→P.200)
- When TTS voice mode is selected, voice control navigation and street guidance can be used. These functions cannot be used when natural voice mode is selected.
- 4 Set the unit settings and then select "Next".
- You can change these settings at any time from "Unit and Formats". (→P.206)
- 5 Set the initial route plan settings and then select "Next".
- You can change these settings at any time
 in the "Route Settings". (→P.199)
- After setting up, you can run the setup wizard at any time from the settings menu. (→P.204)



2. NAVIGATION MENU

When you select "**Menu**" on the navigation screen, the navigation menu (main menu) appears.



The following options are available.

- "**Destination**": Select it for which method to use to reach your destination by entering the address, selecting a position on the map, etc.
- "My Route": Select to display each point on the route, or a path log on the map for the entire journey.
 - You can also perform various route related functions such as editing or cancelling the route, setting a route departure point, etc.
- "Map Settings": Select to change map related settings.
- "**Traffic**": Select to open the traffic summary screen.

Quick menu area: You can register up to two frequently used buttons or functions. (→P.201)

- "Cancel Route": Select to clear the route and cancel navigation. This button is available when only one destination is set.
- "Remove Next Waypoint": Select to remove the next waypoint. This button is available when only two or more destinations are set.
- "More": Select to set the navigation software operating method, show a simulated route demo etc.

3. ON-SCREEN BUTTONS AND OTHER SWITCHES

To use this software, you normally have to select the buttons on the touch screen. You only need to confirm selections and changes when the application needs to be restarted, when an important setting is changed, or when a section of the user's data/settings may be lost. Other than this, the button selected content is saved immediately without requiring confirmation, and new settings are applied automatically.

Туре	Example	Explanation	Use
Button	☐ More	Select to start a function, open a new screen, and save settings.	Select once.
Button with numbers displayed	Service Viewpoint Normal	Current fields or settings are displayed on this button. Select to change values. After changing, the value you enter is displayed on the button.	Select once.
Icon	Distance 926 sm	Displays status information	Some icons can also be used as buttons. Select once.
List	Voice Language Coglin (AU) Service (AU) S	If there are multiple options available, the selection items are displayed as a list.	To view the list, select and slide your finger up and down. Because the scrolling speed changes depending on the speed you slide your finger you can reach the end of the list with just a small, quick flick of your finger. Also, when using the buttons, select to scroll through the page quickly.
Radio button	0/0	When there are only a few selection items and only one value can be selected, radio buttons are used instead of a list.	Select a new value.

Туре	Example	Explanation	Use
Check box	Z /	If there are only two choices available, you can enable or disable the function by entering a check mark.	Select to turn the switch on or off.
Virtual keyboard	Enter Town/Suburb or Postcode 4Enter Town/Suburb or Postcode 1 2 3 4 5 6 7 8 9 0 0 W E R T Y U I O P A S D F G H J K L & Z X C V B N M / - And Space III Results (300)	Keyboard for entering text and numbers.	Each key represents a button on the touch screen.

SCREEN OPERATIONS OTHER THAN SINGLE SELECT

Normally, you only need to select the screen once (single select) to perform an operation. However, you can make use of convenient functions by combining different select operations on the touch screen. The following select combinations are available.

Operation	How to
	You can perform additional functions by performing select & hold (select the screen and do not remove your finger) on the following buttons.
	• On the list and menu screens, select & hold to display the map screen.
Screen select & hold	 On the map screen, select & hold any of the
	 On the keyboard screen, select & hold to quickly delete multiple characters.
10	 On long lists, select & hold
Gesturing (drag or flick)	You may need to drag or flick in the following cases. Scrolling a list: To view the list, select and slide your finger up and down. Because the scrolling speed changes depending on the speed you slide your finger, you can reach the end of the list with just a small, quick flick of your finger. Moving the map in map display mode: Select the map and move it in the direction you want.

4. MAP SCREEN

NAVIGATING ON THE MAP



- This map shows the current position (with a blue arrow as the vehicle marker), recommended routes (orange lines), and the immediate surrounding area.
- When GPS positioning is not active, the vehicle marker is clear The latest confirmed position is displayed.
- When GPS positioning is active, the vehicle marker is displayed in full-colour, and the current position is shown.
- Buttons and data fields are displayed on the screen which can be used to perform navigation. During navigation, route information is displayed on the screen.
- The data fields displayed differ when no destination is set during navigation (no orange line is displayed). When performing navigation, three data fields displayed on the screen. Up to three data fields can be displayed when no destination is set (no orange line is displayed).
- ▶ Default data fields when no destination is set while driving:

Field	Explanation
Altitude	Shows the altitude of the road currently being driven on, as measured by the GPS receiver. (There may be a maximum discrepancy of ± 50 m depending on the reception status of the GPS satellites.)
Time	Displays the current time corrected using the time zone offset. Accurate time is acquired from the GPS satellites, while time zone information is acquired from the map. You can also adjust the settings manually in "Units and Formats". (Only on the menu screen, the current time is shown in the bottom left corner of the screen.)

▶ Default data fields when performing navigation (you can change the values in fields by using select & hold):

Field	Explanation
Distance*	Displays the distance on the route to the final destination.
Time Left	Displays the time left until arrival at the final destination based on the information available for the remainder of the journey. This is calculated according to prior traffic data or traffic patterns when ever available. If a TMC receiver is connected to the main unit and is receiving data, any traffic jams along the route are also factored into calculations. However, the accuracy of these calculations varies greatly.
Arrival Time*	Displays the estimated arrival time at the final destination based on the information available for the remainder of the journey. This is calculated according to prior traffic data or traffic patterns when ever available. If a TMC receiver is connected to the main unit and is receiving data, any traffic jams along the route are also factored into calculations. However, the accuracy of these calculations varies greatly.
Time	Displays the current time corrected using the time zone offset. Accurate time is acquired from the GPS satellites, while time zone information is acquired from the map. You can also adjust the settings manually in "Units and Formats". (Only on the menu screen, the current time is shown in the bottom left corner of the screen.)
Altitude	Shows the altitude of the road currently being driven on, as measured by the GPS receiver. (There may be a maximum discrepancy of ± 50 m depending on the reception status of the GPS satellites.)

^{*:} Time and distance to the destination cannot be displayed when your vehicle is located in a place other than roads and motorways. After the vehicle returns to a road or motorway, time and distance are displayed.

POSITION MARKER

VEHICLE MARKER AND LOCK-ON-ROAD

If GPS positioning is available, the current position is shown using the vehicle marker.

 If there is a road nearby, GPS positioning error is corrected based on the shortest distance to the road, and the direction of the vehicle marker is adjusted to match the direction of the road.

SELECTED MAP LOCATION (CURSOR)

Use one of the following methods to mark a map location.

- Select the map during navigation.
- Select the map when the destination you want is displayed in the search results.
- After selecting a map location, a cursor is displayed at the point selected on the map. The cursor is displayed as a red point and can be checked at all zoom levels.
- You can use the cursor's position as the route's destination, search for locations around the cursor, and save the position in the destination list.

MAP OBJECTS

DIRECTION DISPLAY

If no destination is set while driving, the direction is shown on the screen in heads-up display.

Each letter indicates a direction: N (North), NE (North East), E (East), SE (South East), S (South), SW (South West), W (West), and NW (North West). However, this is not displayed while driving on a motorway.



ADVANCED CONFIRMATION OF ROUTE CHANGES AND NEXT ROAD

During navigation, information on the next route event (the next change in the route), as well as the next city or town, is displayed at the top of the map screen.



- The next change in the route is displayed in the field at the top right corner of the screen. Displays the type of route event (right or left turn, roundabout, motorway interchange, and so on) and the distance from the current position.
- When the next route change approaches, the type of route change is displayed as a small icon next to the main route event icon. Only the next route change is displayed.

The following table shows the most frequently displayed route events. The symbol design is the same in each field.

Icon	Explanation	
9	Turn left	
P	Turn right	
A	U-turn	
*	Keep right at the fork in the road.	
4	Turn left & sharp curve.	
*	Turn right & sharp curve.	
\$	Stay in the left lane.	
8	Stay in the right lane.	
1	Go straight ahead at the intersection.	
4	Turn left at the T junction.	
	Go left at the roundabout. Third exit (next change in direction).	
•	Join the roundabout (the route change after the next change).	
#	Join the motorway.	
I	Leave the motorway.	
	Board the ferry.	
\$	Disembark from the ferry.	
	You are half way to your destination.	
60 -	You have arrived at your destination.	

LANE INFORMATION & SIGNS

When using route guidance on roads with two or more lanes, and lane information is available on the map, the lane and direction are indicated below the map with small arrows. The lane that you should drive in is highlighted.



When detailed information is available, the arrows are removed and signs are displayed. Signs are displayed at the top of the map. These signs show the district and route number for the lane direction.



All signs are displayed in the same manner even when driving without using the navigation system. During navigation, only the sign that shows the lane in which you should drive is highlighted, while the other signs are toned down.

JUNCTION DISPLAY

When approaching a motorway exit or a complicated intersection, the map switches to a 3D display if the necessary information can be displayed. An arrow indicates the lane in which you should drive. Signs are also displayed if information is available.



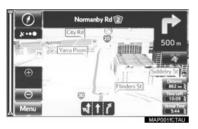
ITEMS DISPLAYED DURING ROUTE NAVIGATION

The route is displayed using the following methods.

Symbol	Name	Explanation
[4]	Current GPS position and departure point	Current location of the user displayed on the map • When you select a vehicle in route search, and if there is a road nearby, the position of the icon is corrected based on the nearest road. When the GPS position is available, the route usually starts from the current position. If there is no GPS position available, the last confirmed available GPS position is used as the departure point.
	Waypoint (midway point)	A midway target point before arrival at the target destination.
100	Destination (final point)	The final destination of the route.
_	Route colour	Colours that are easy to understand and that stand out in day-time or night time colour mode are used.
_	Roads excluded from navigation	Used to select whether or not to exclude a road from navigation. $(\rightarrow P.204)$ If it is impossible to avoid a road that has been excluded, that road is displayed in a different colour than the original route.
_	Roads affected by traffic conditions	Any section of the road may be affected depending on the re- ceived traffic conditions. Roads affected by traffic conditions are displayed in a different colour and a small icon representing the type of traffic condition is displayed above the road.

TRAFFIC CONDITION

Road sections affected by traffic conditions are displayed in a different colour on the map and a small icon representing the type of traffic condition is displayed above the road. You can change the items displayed by setting the traffic. (\rightarrow P.203)



- 1 Select .
- The traffic summary screen is displayed.
- 2 Select "Event List".



- 3 Select the desired event type.
- 4 Select the desired entry.
- Select 1 to open another screen displaying information on the selected map position.

MOTORWAY SERVICES

When driving on a motorway, this displays information on the next three motorway service areas. You can change the items displayed by changing the visual guidance settings. (→P.206)



- 1 Select .
- is displayed when information is available for motorway service areas.
- When you select motorway service information, a list is displayed.



 Select a motorway service area from the list to display details. You can check it on the map and set it as a waypoint or as a destination.

MAP OPERATIONS

You can select a position on the map and check that position during navigation. The map's current position tracking function will stop, and the control buttons will be displayed allowing you to change the map display.



Operation	Button	Explanation
Using drag to move the map	No buttons	You can move the map in any direction you want by selecting and holding the map, and then moving your finger in the direction you want to move the map.
Zoom in/ Zoom out	6/6	Change the area of the map displayed on the screen. Road names and other characters are always displayed in the correct direction and in the same font size, you only need to check necessary roads and icons. In 3D mode, the map cannot be reduced endlessly. The map changes to 2D mode if you zoom out beyond a defined amount. The display changes slowly if you tap the button, or changes in a smooth, continuous motion if you select & hold the button.
Tilt up/ Tilt down	B/U	In 3D mode, you can change the vertical display angle of the map. The display changes slowly if you tap the button, or changes in a smooth, continuous motion if you select & hold the button.
Rotate left/ Rotate right	(- / -)	Changes the horizontal display angle of the map. The display changes slowly if you tap the button, or changes in a smooth, continuous motion if you select & hold the button.
2D or 3D display	-55 / 5	Select to switch the map display mode between a 3D bird's-eye view and a flat 2D view.
Compass in 2D or 3D map display mode	*/ ~	The compass direction indicates north. Select to change to a north-up display. Select again to return to the direction previously displayed.

Operation	Button	Explanation
Point information	i	Select to open another screen displaying information on the selected map position (cursor).
Return to normal navigation	Ţ	Select to return the map to the current GPS position. Auto map rotation is also enabled. The map operation buttons will be hidden, and navigation will restart.
Additional functions	More	Select to display the additional functions list. For example, saving the cursor to the destination list, and searching the area around the cursor.
Selecting a destination	Select	Select it for the cursor as a new destination. The route is searched automatically.

CHECK CURRENT POSITION (WHERE AM 1?)

You can open this function from the customise menu. Selecting the button on this screen searches for information on the current position (if there is no GPS reception it uses the last confirmed position) and recommended spots in the area, and displays them on the screen.



This screen provides the following information.

. Latitude/Longitude (Current positional coordinates use the WGS84 land survey system)

Altitude (Advanced information acquired by the GPS receiver, which may not be accurate)

Address of current position on the right

- The latest location information is displayed in the centre of the screen, or the time after the latest information was acquired is displayed.
- A detailed address (when available) for the current position is displayed at the bottom of the screen.

The following functions are also available on this screen.

"More": Select to save the current position in the destination list.

"Help Nearby": Select to open a new screen and perform a quick search for nearby help around the current position.

"Help Nearby" SCREEN

You can search for the following services around your current position or the latest confirmed position.



- "Car Repair Around Here": Vehicle repairs/Road-side assistance services
- "Health Care Around Here": Hospitals/Emergency services
- "Police Around Here": Police stations
- "Petrol Station Around Here": Petrol stations

Select a button and then select an item from the list to display route navigation to the location.

1. SELECT ROUTE DESTINATION

You can use any of the following methods to select a destination.

- Enter all or part of an address. For example, instead of entering the address, you can just enter the name of the street or intersection.
- Enter an address by using the postcode.
 (→P.176) This allows you to search for the street name quickly, even if you have not selected a district name.
- Use one of your pre-entered favourite spots as the destination. (→P.177)
- Use the find-on-map function to select a destination. (→P.182)
- Use the list of previously saved destinations. (→P.182)
- You can select a destination from the history of previous destinations. (→P.183)

ENTERING ALL OR PART OF THE ADDRESS

Entering part of the address is the quickest way to select the destination for your route.

You can specify the address by entering the following items on the same screen.

- An accurate address, such as the street number
- City/town centre
- Intersection
- Street name
- Enter any of the items above, and then search using the postcode (→P.176)

ENTERING AN ADDRESS

Follow the steps below to enter an address as the destination.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "Address".
- By default, the country and district for your current position are displayed. If necessary, select "Country or State" and then enter the first few letters of the country name. You can then select the country from the list displayed.



- 4 Select "Town/Suburb".
- Use the keyboard to enter the first letters of the city/town name.
 - For the keyboard, (see "ENTERING LETTERS AND NUMBERS" →P.29).
- Follow the steps below to find the city/ town you entered.
 - The most likely names are displayed in the entry field. Select the entry field to use the name displayed.
 - If the name you want is not automatically entered, enter a few more letters from the name until it is displayed in the list (select "Results" to open the results list before the search results are automatically displayed). Select the city/town from the list.

5 Select "Street".

- Use the keyboard to enter the first letters of the street name. (→P.29)
- Select the street from the list.

6 Select "House Number"

- Enter the street number with the keyboard.
- Select "Done" to finish entering the address. (If the street number is not found, the centre of the street is selected as the destination.)
- The map is displayed in full-screen mode with the selected point at the centre.
- **7** If necessary, select the desired point on the map.
- The cursor () is displayed at the new position.
- 8 Select "Select" to set the destination, or select to select another destination.
- After a summary of the route plan is displayed, the entire route is displayed on the map. The route is searched automatically.
- 9 Select "More" to change the route plan, or select "Start" to start navigation.
- When the countdown is displayed in the "Start" button, guidance begins automatically after 10 seconds even if you do not select the button.

INFORMATION

If the destination will be used frequently, you can save it to the destination list as follows before selecting "Next". Select "More", and then select "Save Destination". Enter a name for the destination you want to save, and then select "Done". The display automatically returns to the map with the destination set. Start driving following the navigation.

ENTERING THE CENTRE OF THE STREET AS THE DESTINATION

If you do not know the street number, you can navigate by setting the centre of the street as the destination.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination"
- 3 Select "Address".

If necessary, change the country and district as described previously. (→P.173)

- 4 Select "Street".
- Use the keyboard to enter the first letters of the street name. (→P.29)
- Select the street from the list.
- 5 Select "Select Street".
- The map is displayed in full-screen mode with the selected point at the centre.
- **6** Follow the steps in "ENTERING AN ADDRESS" from "STEP 7". (→P.173)

SELECTING AN INTERSECTION AS THE DESTINATION

Follow the steps below to enter an intersection as the destination.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "Address".
- If necessary, change the country and district as described previously. (→P.173)
- 4 Select "Street".
- Use the keyboard to enter the first letters of the street name. (→P.29)
- Select the street from the list.
- 5 Select "Select Intersecting Street".
- If there are only a few roads at the intersection, the list is displayed immediately.
- If the intersection is a long way off, the key-board screen is displayed. Use the key-board to enter the first letters of the name of the intersecting street. (see "ENTERING LETTERS AND NUMBERS" → P.29) A list is automatically displayed when the entered street name matches and can be displayed on one screen. Select the intersection from the list.
- The map is displayed in full-screen mode with the selected point at the centre.
- **6** Follow the steps in "ENTERING AN ADDRESS" from "STEP 7". (→P.173)

SELECTING A CITY/TOWN CENTRE AS THE DESTINATION

The centre of the city/town is not the geographical centre of the city/town, but a location set by the cartographer. In towns and villages, this is usually the most important intersection, while in larger cities it is selected from multiple important intersections.

- Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "Address".
- If necessary, change the country and district as described previously. (→P.173)
- 4 Select "Town/Suburb".
- Use the keyboard to enter the first letters of the city/town name. (→P.29)
- Select the city/town from the list.
- 5 Select "Select Town/Suburb".
- Set the city/town centre displayed as the route's destination.
- The map is displayed in full-screen mode with the selected point at the centre.
- **6** Follow the steps in "ENTERING AN ADDRESS" from "STEP 7". (→P.173)

USING A POSTCODE

By entering the postcode, you can perform the address search as described previously, even if you do not know the district name. The following is an example of entering an accurate address.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "Address".
- If necessary, change the country as described previously. (→P.173)
- 4 Select "Town/Suburb".
- Start entering the postcode. (→P.29)
- Select the postcode from the list.
- **5** Select "Street".
- Use the keyboard to enter the first letters of the street name. (→P.29)
- Select the street from the list.
- 6 Select "House Number"
- Enter the street number with the keyboard. (→P.29)
- Select "Done" to finish entering the address. (If the street number is not found, the centre of the street is selected as the destination.)
- The map is displayed in full-screen mode with the selected point at the centre.
- **7** Follow the steps in "ENTERING AN ADDRESS" from "STEP 7". (→P.173)

HINTS FOR QUICK ADDRESS ENTRY

- When entering a city/town name or a street name:
 - Only characters that can be displayed in the search results are shown on the keyboard. Other characters are greyed out.
 - While entering text, the most likely search result is always displayed in the text entry field. If the search result is correct, select entry field to select it.
 - If you select "Results" after entering two characters, items that contain those two characters are displayed in the list.
- You can find intersections easily by using the following method.
 - First, when searching for an uncommon road name, you only need to enter the first few letters to acquire the name.
 - When one street name is shorter than the other, the shorter one is searched for first. This shortens the search time for the road with the longer name.
- You can search by road category as well as road name. When the same word is included in names such as the street, road, and main street, by entering the first character for the type of road, you can quickly bring up the search results. For example, if you are searching for "Pine Avenue" and you enter "Pi A", roads such as "Pine Street" or "Pickwick Road" are not displayed.
- You can also search by using the postcode. If the postcode only contains a few characters, you can search more quickly than by entering the city/town name.

SETTING YOUR HOME LOCATION AS THE DESTINATION

You can register a location as your home and set it as the destination.

REGISTERING A LOCATION AS YOUR DESTINATION

Search for and select your home on the map.



- You can search for your home location by entering the address, selecting a location on the map or other methods. (→P.173)
- 2 Select "More".
- 3 Select "Set as HOME Location".

SETTING HOME AS THE DESTINATION

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "Go Home".
- 4 Select "Select" to set the destination.
- **5** Select "**Start**" to start navigation.

SELECTING THE DESTINATION FROM YOUR FAVOURITE SPOTS (POI: Point Of Interest)

You can select a destination from your favourite spots that have been saved in the system.

You can use the same screen to find a spot using the following various methods.

- Using the quick search function, you can quickly search for spots around a named spot.
- Using the preset search function, you can search for the most popular spots with a few quick selects.
- Search using spot categories.
- Search using spot names.

You can also search for special services from the "Where Am I?" screen.

PERFORMING A QUICK SEARCH FOR FAVOURITE SPOTS

Using the quick search function, you can quickly search for spots by name. You can use the following search items.

- Around the recommended route (when a recommended route is available)
- Around the current location (when no destination is set)
- 1 Select "Menu" and then select "Destination".
- 2 Select "POIs" and then select "By Name".
- Use the keyboard to enter the first characters of the spot name.
- For the keyboard, see "ENTERING LETTERS AND NUMBERS" (→P.29).
- 3 Select "Results" after entering the first few characters to
- Open a list of spot names that include the characters you entered.
- (Optional) You can display spots on the list in order by name, the distance from the current position or previously confirmed position, or the necessary detour distance (during navigation).

If you want to change the order in which entries are displayed in the list, select "More" and select the style that you want. Also, you can display all of the spots on the list on the map.

- 4 Select the desired item.
- The map is displayed in full-screen mode with the selected point at the centre. The name and address of the spot are displayed at the top of the screen.
- (Optional) Select i to display details about the selected spot. Select to return to the map.
- 5 If necessary, select the desired point on the map.
- The cursor () is displayed at the new position. Select "Select" to set the destination, or select to select another destination
- After a summary of the route plan is displayed, the entire route is displayed on the map. The route is searched automatically.
- **6** Select "More" to change the route plan, or select "Start" to start navigation.
- When the countdown is displayed in the "Start" button, guidance begins automatically after 10 seconds even if you do not select the button.

SEARCHING FOR FAVOURITE SPOTS USING A PRESET CATEGORY

By using the preset search function, you can quickly select popular spots.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "POIs".
 - Preset search categories are displayed as follows.



"Petrol Station":

- Searches for petrol stations along the route during route navigation.
- Searches around the current position if navigation is not being performed (if no destination is set).
- Searches the area around the last confirmed position if the current position is unavailable (no GPS signal).

"Parking":

- Searches for parking lots at the destination during route navigation.
- Searches around the current position if navigation is not being performed (if no destination is set).
- Searches the area around the last confirmed position if the current position is unavailable (no GPS signal).

"Restaurant":

- Searches for restaurants along the route during route navigation.
- Searches around the current position if navigation is not being performed (if no destination is set).
- Searches the area around the last confirmed position if the current position is unavailable (no GPS signal).

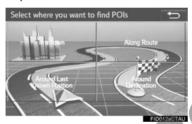
"Accommodation":

- Searches for accommodation at the destination during route navigation.
- Searches around the current position if navigation is not being performed (if no destination is set).
- Searches the area around the last confirmed position if the current position is unavailable (no GPS signal).
- 4 Select the desired category.
- (Optional) You can display spots on the list in order by name, the distance from the current position or previously confirmed position, or the necessary detour distance (during navigation). If you want to change the order in which entries are displayed in the list, select "More" and select the style that you want. Also, you can display all of the spots on the list on the map.
- 5 Follow the steps in "PERFORMING A QUICK SEARCH FOR FAVOURITE SPOTS" from "STEP 4". (→P.178)

SEARCHING FOR A FAVOURITE SPOT BY CATEGORY

You can search for favourite spots by category or sub-category.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "POIs".
- 4 Select "By Location".
- 5 Select the area you want to search for a spot as follows.



- "Around Here!" or "Around Last Known Position": Search around your current position, or the latest confirmed position.
- "In a Town": Search for city/town spots.
- "Around Destination": Search for spots around the destination during route navigation.
- "Along Route": Search along the route being navigated, rather than around an optional point. This is useful when you want to search for a petrol station, restaurant, etc. along the route taking the smallest detour to get there.

- **6** Select the desired category.
- The entire list of spots around the position you selected or along the route is displayed.
- **7** Select a desired sub-category.
- The entire list of spots around the position you selected or along the route is displayed.
- Brand names of services may also be displayed depending on the sub-category of the selected spot.
- 8 Select a brand name.
- The entire list of spots around the position you selected or along the route is displayed.
- (Optional) You can display spots on the list in name order, in order of the distance from the current position or previously confirmed position, or in order of necessary detour distance (during navigation). If you want to change the order in which entries are presented in the list, select "More" and select the style that you want. Also, you can display all of the spots on the list on the map.
- 9 Follow the steps in "PERFORMING A QUICK SEARCH FOR FAVOURITE SPOTS" from "STEP 4". (→P.178)

SEARCHING FOR A FAVOURITE SPOT BY NAME

You can search for a favourite spot by name. You can search the entire spot database or select a category/sub-category for another location or for the route being navigated.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "POIs".
- 4 Select "By Location".
- 5 Select the spot area you want to search in "Searching for a favourite spot by category" from "STEP 5". (→P.180)
- 6 Select a main category or "Find by Name".
- 7 Select a sub-category or "Find by Name".
- You can search in the main category you selected.
- 8 Select "Find by Name".
- Use the keyboard to enter the start of the spot name.
- For the keyboard, (see "ENTERING LET-TERS AND NUMBERS" →P.29).
- Select "Results" after entering the first few characters to open a list of spot names that include the characters you entered.
- 9 Follow the steps in "PERFORMING A QUICK SEARCH FOR FAVOURITE SPOTS" from "STEP 4". (→P.178)

USING "Where Am I?" TO SELECT THE CLOSEST ASSISTANCE SERVICE

You can search for the closest assistance service by using the "Where Am I?" screen.

- 1 Select "Menu" on the map screen.
- 2 Select "Where Am I?", and then select "Help Nearby".



- The preset search categories are displayed. This button searches for everything around your current position (or the last confirmed position if the current position is unavailable (no GPS signal)).
- "Car Repair Around Here": Vehicle repairs/Road-side assistance services
- "Health Care Around Here": Hospitals/ Emergency services
- "Police Around Here": Police stations
- "Petrl Station Around Here": Petrol stations
- **3** Select the desired category.
- **4** Follow the steps in "PERFORMING A QUICK SEARCH FOR FAVOURITE SPOTS" from "STEP 4". (→P.178)

SELECTING A MAP POSITION AS THE DESTINATION

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "Map".
- Search for the destination on the map as follows. Move or enlarge/reduce the map as necessary.
- 4 Select the desired position.
- The cursor ([®]) is displayed.
- 5 Select "Select".
- After a summary of the route plan is displayed, the entire route is displayed on the map. The route is searched automatically.
- 6 Select "More" to change the route plan, or select "Start" to start navigation.
- When the countdown is displayed in the "Start" button, guidance begins automatically after 10 seconds even if you do not select the button.

SELECTING THE DESTINATION FROM THE DESTINATION LIST

You can set a position that has been saved in the destination list as the destination

(See "Editing the Destination List (Route Editing)" →P.188) for details on registering a position to the destination list.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select "Save Destination".
- 4 Select the desired position.
- If necessary, you can scroll through the list, or select "Filter" and enter a few letters from the destination name to search the list.
- The map is displayed in full-screen mode with the selected point at the centre.
- Follow the steps in "PERFORMING A QUICK SEARCH FOR FAVOURITE SPOTS" from "STEP 5". (→P.178)

SELECTING A FREQUENTLY USED DESTINATION "SMART PREVIOUS"

Destinations that have been set previously are displayed in the previous list. The two most recent destinations are displayed on the destination menu allowing you to select them easily. Smart previous uses conditions such as the current time, date, and position, and displays a position in response to the user's navigation habits. The more you use the navigation system, the more accurate the anticipated destination becomes.

- 1 Select "Menu" on the map screen.
- 2 Select "Destination".
- 3 Select destination "#1" or "#2" in the Previous field.
- The map is displayed in full-screen mode with the selected point at the centre.
- 4 Follow the steps in "PERFORMING A QUICK SEARCH FOR FAVOURITE SPOTS" from "STEP 5". (→P.178)

SELECTING A RECENT DESTINATION FROM PREVIOUS

Destinations that have been set previously are displayed in the Previous list.

- Select "Menu" on the map screen.
- 2 Select "Destination"
- 3 Select "Previous".
- A list of recently entered destinations is displayed. A previous search displays three destinations on the top page based on previously entered routes (destinations with the highest likelihood of use). Other destinations are displayed based on the time they were entered in the past. If necessary, scroll through the list to display older entries and select a destination.
- 4 Select the desired item.
- The map is displayed in full-screen mode
 with the selected point at the centre.
- Follow the steps in "PERFORMING A QUICK SEARCH FOR FAVOURITE SPOTS" from "STEP 5". (→P.178)

CREATING A ROUTE FROM THE DESTINATION LIST (ROUTE CREATOR)

You can create a route for each destination in the saved routes menu.

- 1 Select "Menu" on the map screen.
- 2 Select "My Route".
- 3 Select "Create Route".
- Only one row showing the route's start point (current position displayed) is displayed in the route point list.
- 4 Select "Add Here" to select a destination.
- When the destination menu is displayed, select the route's destination using the same method as described previously.
- After selecting a new destination, you are returned to the list.
- To add another destination, select "Add Here" at the point where you want to add a new route point to the list, and repeat the steps above.



2. CONFIRMING ROUTE SETTINGS AND CALLING ROUTE RELATED FUNCTIONS

You can check a variety of route settings recommended by the software.

- 1 Select "Menu" on the map screen.
- 2 Select "My Route".
- The following information items are displayed.



No.	Information
1	Destination Name/Address
2	Displays detailed information (Un- paved roads, toll roads, and so on) on the warning icons (depending on conditions) for the current route.
3	Total time for the route
4	Total distance for the route
5	Estimated delay times calculated from traffic conditions on the route
6	Route planning method ("Priority to time" etc.)

- The following options are displayed on the screen (see the following section for more detailed information).
- "Edit Route": Select to add or delete a destination, or change the order of the destinations. You can set a route departure point, excluding the current position. This is useful for creating a route in advance and saving it for later use.
- "Overview": Select to display the entire route on the map. (→P.186)
- "Avoid": Select to avoid a section of the route. (→P.186)
- "Cancel Route": Select to delete the route currently being navigated. (→P.189)
- "More": Select to display a list of various options such as selecting another route, changing the route settings, running a simulation of the route, saving the route being navigated, and reading a previously saved route.
- Select to return to the navigation menu.

DISPLAYING THE ENTIRE ROUTE ON THE MAP

You can easily display an overview of the entire route currently being navigated. Follow the steps below to view the entire route.

- 1 Select "Menu" on the map screen.
- 2 Select "My Route".
- 3 Select "Overview".
- The entire route currently being navigated is displayed on the map along with detailed information and buttons.

SETTING AN AVOIDANCE ROUTE

The "Avoid" feature allows you to remove any of the roads or special sections on the planned route.

"Avoid Special Sections": Select to remove any special road types (e.g. motorways or ferries) from your route. This feature is only available if there are special sections along the planned route.

"Avoid Route Ahead": Select to skip a predefined length of the planned route (500m, 1000m, etc.) directly ahead of the current position.

"Avoid Specific Road": Select to skip a specific road from your calculated route.

"Restore Original Route": Select to cancel avoiding a section of route being navigated.

In each case, the result of the selected avoided section is shown on the map with an indication of additional or saved time and distance. The user can review and confirm the avoided section on this screen. Note that avoided section are not permanent. They are only applied for the active route.

3. CHANGING THE ROUTE

When navigation has already begun, you can change the route being navigated by using one of the following methods. The methods are explained in the following section.

SELECTING A NEW
DESTINATION AFTER THE
ROUTE HAS BEEN SET: NEW
ROUTE, WAYPOINT, AND
FINAL DESTINATION

If a recommended route is already available, and a new destination has been selected using the method described in the previous section, the "New Route", "Waypoint", and add "Final Destination" buttons are displayed.



"New Route": Select to create a new route to the position you selected. Previous destinations and waypoints are deleted.

"Waypoint": Select to add the position you selected as a new waypoint for the current route. Other destinations for the route remain set. Note that waypoints are set so that the optimum route is maintained between destinations. You can use the route editing function to set the position for waypoints on the route.

"Final Destination": Select to add the destination you selected as the final destination for the current route. Other destinations for the route are remain set. The position previously marked as the final destination becomes the final waypoint.

SETTING A NEW STARTING POINT FOR THE ROUTE

In standard navigation, all routes are created from the current position. You can turn off the GPS so that you can study a route that is not currently being driven, run a simulation, and check the time or distance for the route. This way, you can set a start point for the route without using the current GPS position.

- 1 Select "Menu" on the map screen.
- 2 Select "My Route".
- 3 If a route is already available, select "Edit Route". If a route has already started, select "Create Route".
- The first row shows the start position (current position) for the route. If a warning message is displayed when you select
 - , select which operation to perform.
- Select the route's start point by using the same method as selecting the destination.
- 4 Set the new start point, and then select "Start".
- The vehicle marker becomes clear on the map, indicating that there is no GPS reception. If a route is already being navigated, it is recalculated using the position selected at that time.
- 5 To return to standard navigation, select "Turn on GPS".
- If a warning message is displayed, select which operation to perform.

EDITING THE DESTINATION LIST (ROUTE EDITING)

You can change the destination list and edit the route. You can add or delete destinations, change the start point, or change the order of the list.

- 1 Select "Menu" on the map screen
- 2 Select "My Route".
- 3 Select "Edit Route".
- The following options are available.



"Add Here": Select to add a new destination.

- Select to delete a destination.
- Select to change the start point of the route.

"More": Select to change the display order of the list. You can also manually select the optimum route in the application.

PAUSING ROUTE NAVIGATION

You do not need to pause a route currently being navigated. When you start driving again, the software automatically restarts route navigation from the current position.

CANCELLING ROUTE NAVIGATION

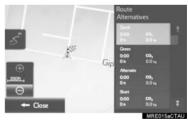
Perform one of the following procedures to cancel a route that is currently being navigated.

- 1 Select "Menu" on the map screen.
- 2 Select "Cancel Route".
- If waypoints are set on the route, you need to select "Remove Next Waypoint" until all waypoints are deleted.
- On the navigation menu, select "My Route", and then select "Cancel Route".
 The route being navigated will be deleted, including all waypoints.

CHANGING THE METHOD FOR SEARCHING FOR A ROUTE (OTHER ROUTES, ETC.)

Change the route settings to perform a new search for the route being navigated using a different method. (→P.204) You can even search again by comparing different routes. Follow the steps below to use the initial settings screen.

- 1 Select "Menu" on the map screen.
- 2 Select "My Route".
- 3 Select "More".
- 4 Select "Route Alternatives".
- Using the current search method, three routes are displayed in order of recommendation. Select "More Results" to search using a different method. Also, if only a short distance is being navigated or only a few search candidates are found, each search method displays only one route.



"Quick": Select to search all roads for the quickest route following the speed limits of the roads.

"Short": Select to search for the shortest distance route of all possible routes.

"Alternate": Select to search for a route that is easiest to drive, with few right and left turns. Using this option, the program allows you to avoid combinations of smaller roads and to take the motorway.

- 5 Select to return to the previous screen.
- The route is searched again using the selected method. The new recommended route is indicated by an orange line.

CHANGING ROAD CATEGORIES USED FOR A ROUTE SEARCH

You can use the following method to search the current route again using different road categories. This can also be changed in settings. (→P.204)

- 1 Select "Menu" on the map screen.
- 2 Select "More".
- 3 Select "Settings".
- 4 Select "Route Settings".



 If necessary, scroll the list to view all road categories. The following items are available. "Vehicle": Select to set various factors to take into account when performing a search, such as fuel consumption, fuel cost, and maximum speed on normal roads and motorways.

"Navigation Mode": Select to change between On-road and Off-road.

Set to On-road to perform normal navigation, or set to Off-road to navigate using the straightest possible route to the destination.

"Route Planning Method": By changing the route search method, you can search for the optimum route for a variety of situations. See the following items for more details

"Highways": Select it for whether or not to use the motorway when creating the route.

"Toll Roads": Select it for whether or not to use toll roads (Per-use Toll) when creating the route.

"Ferries": Select it for whether or not to use ferries when creating the route. (However, ferries might not always be selected for the route.) However, information on temporary service ferries may not be displayed on the map. There may be a fee for using the ferry.

"Unsealed Roads": Select it for whether or not to use unsealed roads when creating the route.

"4WD Tracks": Select it for whether or not to use 4WD tracks when creating the route.

Select to set the changes. The route is searched again, and the new recommended route is indicated by an orange line.



4. SAVING A POSITION TO THE DESTINATION LIST

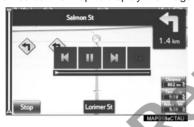
The destination list is a list of frequently used destinations. You can add any destination to this list. See "Selecting the destination from the destination list" (→P.182) for details on searching for a route using a destination from the destination list.

- 1 Set a destination.
- **2** Select the point at the centre of the map screen.
- 3 Select "More".
- 4 Select "Save Destination".
- You can change the initial display name in the destination list.
- 5 Select "Done".

5. DISPLAYING A SIMULATION OF THE ROUTE

You can run a simulation of the route currently being navigated. Follow the steps below to perform the simulation.

- 1 Select "Menu" on the map screen.
- 2 Select "My Route".
- 3 Select "More".
- 4 Select "Simulate Navigation".
- The simulation begins from the start point and works through the entire route at the recommended speed.
- You can use the following buttons during the simulation (although the control buttons disappear after a few seconds, you can select the map to display them again).



- Select to return to the previous route event (the previous change in the route)
- : Select to pause the simulation.
- Select to go to the next route event (the next change in the route)
- : Select to change the speed of the simulation. You can select from speeds of x4, x8, or x16. Select again to return to normal speed.
- "Stop": Select to stop the simulation.

1. FEATURES

The following pages explain the system's various features and menu screens.

ROUTE SEARCH/SEARCH AGAIN

You can search for routes to suit your preferences.

ROUTE SEARCH METHODS

"Quick": Select to search all roads for the quickest route following the speed limits of the roads.

"Short": Select to search for the shortest distance route of all possible routes.

"Alternate": Select to search for a route that is easiest to drive, with few right and left turns. Using this option, the program allows you to avoid combinations of smaller roads and to take the motorway.

■USING OR AVOIDING CERTAIN ROAD CATEGORIES

- "Highways"
- "Toll Roads"
- "Ferries"
- "Unsealed Roads"
- "4WD Tracks"

When data is available, a route is searched for based on prior statistical data relating to the day, week, and time. $(\rightarrow P.196)$

The route may change drastically when real-time traffic conditions are factored in.

If you leave the route that was searched for based on your current position, and new information is received regarding traffic conditions for the recommended route, the system automatically searches for another route.

See "Route Settings" (→P.204) for detailed information on route settings.

GPS POSITIONING QUALITY INDICATOR

The GPS reception quality icon at the top right of the menu screen indicates the current accuracy of positional information.

Icon	Explanation
X = 0 (b)	The system is not connected to the GPS receiver. Cannot perform GPS navigation. Products with a built-in GPS receiver are always connected. This icon is not normally displayed for those products.
ו••	Although the system is connected to the GPS receiver, the signal is too weak to measure the GPS. Cannot perform GPS navigation.
X**	Only a few satellites are transmitting. Positional information is available, but altitude (elevation above sea level) cannot be calculated. GPS navigation is possible, but large positional errors may occur.
×···C	Elevation above sea level is available, and measurements can be performed in 3D. GPS navigation is available.

ONLINE ROAD INFORMATION SAVED IN ROUTE SEARCH

The recommended route between two points is not always the same. Even when offline, statistics on traffic information (prior traffic data or traffic patterns) are gathered in the main unit, and when data is available, a route is searched for taking into account statistics relating to the day, week, and time. Additionally, real-time traffic information (TMC) is also available, allowing you to avoid traffic jams due to temporary road closures or accidents. This has an impact on any function for which data is available.

SMART ROUTE USING TRAFFIC INFORMATION IN SAVED STATISTICS

When statistical information is included in map data, the information can be taken into account when searching for a route. This function is normally useful for avoiding traffic jams that usually occur on regular weekdays, however errors may occur if a national holiday falls on a regular weekday. In situations like that, you can turn off Smart route from traffic settings. (→P.203)

■ REAL-TIME TRAFFIC INFORMATION (TMC)

Unlike the statistical traffic information TMC (Traffic Message Channel) offers real-time traffic conditions. This can help you to avoid traffic jams that could not be anticipated due to road closures or accidents.

TMC uses a dedicated FM Radio Data System (RDS) to broadcast real-time traffic and weather reports.

The default settings use traffic information when searching for a route.

The TMC receiver necessary to receive traffic condition reports is built-in to some products, but not for others. Contact your nearest dealer.

If traffic data normally broadcast in your region can be accessed, this received information is automatically taken into account. This does not need to be manually set. FM radio stations broadcasting TMC data are searched for automatically, and decoded information is immediately used to search for routes. If traffic information that might affect the current route is received, a warning is displayed indicating that the route will be searched for again, and navigation continues using a new optimal route taking into account the latest traffic conditions.

By delaying the timing before applying a route that has been searched again, the user can check the route and fine-tune the details creating the optimal search results. You can set this from traffic settings. $(\rightarrow P.203)$

When traffic information is being received, a special icon () is displayed on the map. When there is no traffic information available for the route, this icon indicates the status of the traffic information receiver, and when information is received, the type of upcoming traffic information is displayed.

Road sections affected by traffic conditions are displayed in a different colour on the map, and a small icon representing the type of traffic condition is displayed above the road.

1 Select to display the traffic summary screen.



- 2 Select "Event List" to check the traffic information that has been received.
- Select one entry from the list to view a list of the traffic conditions for that section of the road.
- Select one entry from the list to view full details of the traffic conditions for that section of the road.
- Select to open another screen displaying information on the selected map position.

(INFORMATION)

- This function is only available for TMC enabled systems.
- The TMC service is not available for all regions. There are also times when it may not be available in your country or district. For more information on availability, contact your nearest dealer.

2. "More" MENU

Various options are available from the "Others" menu. Select "More" on the navigation menu.

- 1 Select "Menu" on the map screen.
- 2 Select "More".



"Settings": Select to configure programs and change operational patterns of the system. Performs functions such as fine tuning route search options, changing the map screen design, turning warnings on or off, and launching the Setup Wizard.

"Sunrise & Sunset": Select to check global sunrise and sunset times. Places a mark on the map to show the user's current position and route points. Select the Details button to check accurate sunrise and sunset times for all points along the route (current position, all waypoints, final destination).

"Route Trace": Select to display a list of all trip logs, whether they are saved by the user upon reaching the destination or whether they are saved automatically. By selecting an item from the trip that is displayed, you can check trip data, speeds, and more detailed content. When a path log has been saved, you can display it on the map in the colour selected.

"Help": Select to display a tutorial allowing for a quick grasp of the system's functions, and starts a demonstration showing a sample route simulation to check the navigation functions. The about section displays product information. Here you can view the software and database user license agreements, search for content licenses, and check the system ID. You can check statistical data for program use.

3. SETTINGS MENU

Configures programs and changes operational patterns of the system. On the navigation menu, select "More", and then select "Settings".

"Sound and Warnings": Performs volume adjustment or changes the voice guidance language. Also enables various warnings and warning settings. (→P.200)

"Customise Navigation Menu": Allows you to set navigation menu items to suit your needs. Select the button you want to change, and then select another function from the list. (→P.201)

"Traffic": The recommended route between two points is not always the same. Even when offline, statistics on traffic information (prior traffic data or traffic patterns) are gathered in the main unit, and when data is available, a route is searched for taking into account statistics relating to the day, week, and time. Additionally, real-time traffic information (TMC) is also available, allowing you to avoid traffic jams due to temporary road closures or accidents.

This has an impact on any function for which data is available. $(\rightarrow P.203)$

"Route Settings": Sets the route search method. Select the type of vehicle you are using, the road category to use for the route search, and the route search method. (→P.204)

"Map Settings": Fine tunes the map screen appearance. Performs adjustments for your selected map display, selects from a list of colour designs used for daytime and night time, turns the path log on or off, and manages the spot display categories (allows you to select the type of spot displayed on the map). (→P.205)

"Visual Guidance": Changes settings related to map screen guidance. (→P.206)

"Units and Formats": Sets display units and the date display. (→P.206)

"Route Trace": Contains useful information on the user's distance moved in the trip logs and path logs. You can save trip logs automatically by turning this setting on, or save them manually when arriving at a destination. (→P.207)

"Start Configuration Wizard": Changes basic software configurations set during the initial setup process. (See step 3 in "NAVIGATION SETTINGS" →P.158)

SOUND AND WARNINGS

Performs volume adjustment or changes the voice guidance language. Also enables various warnings and warning settings.

A

WARNING

 Be sure to set the volume of the audio at an appropriate level. Improper volume setting may result in hearing damage or a traffic accident.

"Voice Language": This button displays the current language for voice guidance. Select it for a new language/narrator from the available languages and list of narrators. When you select an item from the list, a sample of the audio is played back. Select after selecting a new voice language.

"Text To Speech Pro": Select it for the frequency of voice information, as well as to turn on or off various voice information such as information on traffic conditions.

"Verbosity Level": Select it for the Verbosity Level from "Minimal", "Compact", or "Verbose".

"Driver Support Information Settings": Displays driver warning information on the map. Select to turn these warnings on or off, and set how far from the danger the warning should be generated. You can make individual settings for each type of warning.

"Warning Sign Alerts": Displays driver warning information on the map. Select to turn these warnings on or off, and set how far from the danger the warning should be generated. You can make individual settings for each type of warning.

YOU CAN ADJUST THE VOLUME FOR THE FOLLOWING VOICE CAT-

Guidance: Changes the volume for the guidance voice (when using narrator guidance).

Alert beeps: Changes the volume for audio warnings (beep sound).

ADJUSTMENT BUTTONS FOR FACH AUDIO CLASSIFICATION:

Volume slider: Adjusts the volume of the associated audio.

CUSTOMISE NAVIGATION MENU

Allows you to set navigation menu items to suit your needs. Select the button you want to change, and then select another function from the list.

Button	Explanation	Primary Location
Saved Destination	Allows you to quickly select an item from the destination list.	Destination/Save Destinations (→P.177)
Overview	Reduces the scale of the 2D map to display the entire route.	My Route/Overview (→P.186)
By Name	Searches around a point on the route, or your current position (when a route search has not been performed).	Destination/POIs/By Name (→P.181)
Visual Guidance	Opens the visual guidance settings screen.	More/Settings/Visual Guidance (→P.206)
Avoid	Avoids part of the recommended route.	My Route/Avoid
Route Trace	Opens the trip monitor screen from which you can manage your saved trip logs and path logs.	More/Route Trace (→P.207)
Where Am I?	Displays a special screen with a button that searches for information on your current position and determines the nearest emergency assistance or road-side assistance. See the following section for more details.	N/A
Create Route/Edit Route	Changes the route.	My Route/Create (Edit) Route (→P.187)
ltinerary	Opens a list of changes in the route (distances).	Select the top of the map screen during navigation.
Previous	Selects previously set destinations from the history list.	Destination/Previous (→P.183)
Route Settings	Changes route related settings.	More/Settings/Route Settings (→P.204)
POIs	Searches for your favourite spots using a variety of methods.	Destination/POIs (→P.177)

Button	Explanation	Primary Location
Simulate Navigation	Opens the map screen and simulates navigation of the route.	My Route/More/Simulate Navigation (→P.193)
GPS Info	Opens the GPS information screen showing satellite positions and signal strength.	Select the top of the map screen if there is no GPS reception.

TRAFFIC

The recommended route between two points is not always the same. Even when offline, statistics on traffic information (prior traffic data or traffic patterns) are gathered in the main unit, and when data is available, a route is searched for taking into account statistics relating to the day, week, and time. Additionally, real-time traffic information (TMC) is also available, allowing you to avoid traffic jams due to temporary road closures or accidents.

This has an impact on any function for which data is available.

"Traffic Receiver": Turns on or off the traffic information display.

"Detour": Set to use real-time traffic information when searching for a route.

"Event Types": Select to open a list of types of traffic conditions, and select the events to take into consideration when searching for a route.

When searching for a new route, or when it is necessary to search again based on the traffic information received, it searches for merits to avoiding the current traffic conditions.

If set, confirmation may be required every time you perform another search, delaying the timing when the search is remade.

TRAFFIC DETOUR SETTINGS

"Never offer detour": When this button is selected, routes that do not satisfy traffic conditions are not searched.

"Offer detour if the calculated route saves more than": When this button is selected, routes that satisfy traffic conditions are searched.

Time slider: Adjust the timing before starting another route search. (It can be set to 0 to 60 times every 5 minutes)

"Do you want to confirm the offered route?": Select to turn the route confirmation display on or off for each new search.

SETTINGS BUTTON FOR EACH TYPE OF TRAFFIC CONDITION

"All events in this category will be": You can select "Considered" or "Ignored" for when searching for a route.

"Visible on map": You can turn the icon display on the map on or off.

ROUTE SETTINGS

Sets the route search method.

"Vehicle": Select to set various factors to take into account when performing a search, such as fuel consumption, engine type, fuel costs, and maximum speeds on normal roads and motorways.

"Navigation Mode": Select to change between On-road and Off-road.

Set to On-road to perform normal navigation, or set to Off-road to navigate using the straightest possible route to the destination.

"Route Planning Method": By changing the route search method, you can search for the optimum route for a variety of situations and types of vehicle. See the following items for more details.

You can set which road categories to include or to avoid in the route to match the user's preferences.

Avoiding a road category is simply a matter of changing the priority level. This does not mean that the selected road category will never be used. If the navigation cannot find a route to the destination without using a road category that should be avoided, the road category will be used, but only as little as possible. If this does happen, a warning icon is displayed on the My Route screen, and the part of the route that uses a road category that should be avoided is displayed on the map in another colour.

In the road category list you can check the number of sections used for each road category on the current route and the overall distance. "Highways": Select it for whether or not to use the motorway when creating the route.

"Toll Roads": Select it for whether or not to use toll roads (Per-use Toll) when creating the route.

"Ferries": Select it for whether or not to use ferries when creating the route. (However, ferries might not always be selected for the route.) However, information on temporary service ferries may not be displayed on the map. There may be a fee for using the ferry.

"Unsealed Roads": Select it for whether or not to use unsealed roads when creating the route.

"4WD Tracks": Select it for whether or not to use 4WD tracks when creating the route.

TYPE OF ROUTE SEARCH METH-OD:

"Quick": Select to search all roads for the quickest route following the speed limits of the roads.

"Short": Select to search for the shortest distance route of all possible routes.

"Alternate": Select to search for a route that is easiest to drive, with few right and left turns. Using this option, the program allows you to avoid combinations of smaller roads and to take the motorway.

MAP SETTINGS

Fine tunes the map screen appearance. Performs adjustments for your selected map display, selects from a list of colour designs used for daytime and night time, turns the path log on or off, and manages the spot display categories (allows you to select the type of spot displayed on the map).

Because the map is displayed on the screen, you can check the results as you change settings.

"View Mode": Select it for the display mode from a 3D bird's-eye view, a 2D heads-up flat view, or a 2D North Up flat view

"Viewpoint": Select to adjust the standard zoom and the angle of tilt to suit your needs. You can set the level in three stages.

"Automatic Overview": Select to automatically reduce the scale of the 2D map to display the entire route. You can turn this function on and off...

"Auto zoom": Select it for automatic zoom function. You can turn this function on and off.

"Day Map Colour": Select it for the screen colour used in daytime mode.

"Night Map Colour": Select it for the screen colour used in night time mode.

"Landmarks": Select to show or hide 3D landmarks, 3D designs, or block diagrams represented as easy to see icons, or plain icons.

"Buildings": Select to show or hide actual building dimensions and positions on the map, representing all urban buildings as 3D landmarks, 3D designs, or block diagrams.

"Track Logs": Select to turn the path log save function on or off (saves in positional order for each trip).

"Place Markers": Select to select a spot displayed on the map during navigation. We recommend reducing the number of spots displayed as much as possible as the map is difficult to see if there are too many spots. Because of this, the system is designed to allow multiple spot displays. Follow the steps below.

- Select the check box to show or hide the spot category.
- Select the spot category name to open a sub-category.
- Select "More" to save the currently displayed spot position, or to display previously saved spots. You can also restore the default display settings.

VISUAL GUIDANCE

Changes settings related to map screen guidance.

"Route Status Information": You can set the data fields displayed at the corner of the map screen to match your needs. Select this button and select the guidance you want to display. Values may differ when driving without having set a destination in route navigation. You can select the current speed, altitude, etc. for standard trip data, or select route data related to the final destination or the next waypoint on the route.

"Offer Highway Services": Displays service area information while driving on the motorway. You can turn this function on and off.

"Facility Types": Select this button and select the service area information display items you want to display.

"Signposts": When information is available, lane information similar to overhead road traffic signs is displayed at the top of the map. You can turn this function on and off.

"Junction View": When approaching a motorway exit or a complicated intersection, the map switches to a 3D display if the necessary information is available.

"Route Progress Bar": Turns on the route progress bar which is displayed as a straight line to the left of the map. This shows the progress made on the current route. When a blue arrow is used to indicate position, the arrow continues to rise as you drive towards your destination. Waypoints and traffic conditions are displayed on the line.

"Offer Congestion Detour on Highways": Congestion detour information for motorways can be displayed. You can turn this function on and off.

"Offer Real-time Route Alternatives": Information about route alternatives can be displayed when available. You can turn this function on and off.

"Offer Parking Around Destination": The settings for the function that provides parking information around the destination can be changed. You can turn this function on and off.

"Offer Hints Upon Detour": Detour information can be displayed. You can turn this function on and off.

UNITS AND FORMATS

Sets display units and the date display.

"Currency": Displays the keyboard screen allowing you to enter the currency name. (For the keyboard, see "ENTERING LETTERS AND NUMBERS" →P.29.)

"Date Format": Switches the units used to display the date.

"Date Delimiter": Switches the date delimiter.

"Coordinate Display Format": Switches the coordinate display format.

ROUTE TRACE

Contains useful information on the user's distance moved in the trip logs and path logs. You can save trip logs automatically by turning this setting on, or save them manually when arriving at a destination. You can view all logs on the trip monitor. Launch the trip monitor from the "Others" menu.

"Enable Auto-Saving": The trip monitor saves statistical data for the distance travelled. You can set it so that the route is saved automatically if you need a log after driving.

Trip Database Size: This is not a button. This line indicates the current size of the trip database. This shows the total for all saved trip logs and path logs.

"Save Track Log": You can save path logs (position information acquired from GPS receiver) in the trip log.

1. GLOSSARY

2D/3D GPS RECEPTION

The GPS receiver uses signals from satellites to calculate its current position (the user's position), including altitude. In order to acquire a 3D position, at least four signals are necessary. The GPS receiver may not be able to acquire signals from four satellites as they are constantly moving and obstacles may block satellite signals. Although the accuracy decreases when only three signals can be acquired, and altitude data cannot be sent, the receiver can calculate a latitude and longitude GPS position. In this case only 2D reception is possible.

ROUTE BEING NAVIGATED

The route currently being navigated. When a destination is set, the route will be continuously navigated until the destination is deleted, you arrive at the destination, or the system is turned off. Also see "Route".

CITY CENTRE

The centre of the city/town is not the geographical centre of the city/town, but a location set by the cartographer. In towns and villages, this is usually the most important intersection, while in larger cities it is selected from multiple important intersections.

COLOUR DESIGN

The colour scheme used for the map and menu screens differs for daytime and night time. Each colour scheme has different graphical settings, with 2D and 3D each having colours for roads, blocks, seas, and lakes, whilst shadow changes and shadows are displayed differently in 3D mode.

Daytime screen and night time screen colour scheme for the map and menu are selected individually. The design changes automatically when day becomes night and night becomes day.

GPS ACCURACY

Various factors can contribute to a margin of error between the user's actual position and the position acquired from the GPS device. For example, signal delays in the ionosphere or reflections from objects around the GPS equipment, can influence the accuracy with which the GPS device can calculate the user's position.

MAPS

Although this system uses digital maps, these are not simply digital conversions from printed maps. The 2D mode digital map represents roads in the same way as a traditional printed map, using colour classifications to show streets, roads, and changes in altitude.

In 3D mode, you can see the difference in altitude for mountains, valleys, highland roads and so on, and display areas of cities using 3D landmarks and 3D images of buildings.

The map can be used interactively. You can zoom in and out (enlarge/reduce), tilt up and down, and rotate left and right. By using navigation that supports GPS, you can easily plan your route with the digital maps.

NORTH-UP MAP DIRECTION

North-up mode rotates the map so that North is always at the top of the map. You can use this direction with "Find On Map" and so on. Also see "HEADS-UP MAP DIRECTION".

ROUTE

The route is an ordered arrangement of the route events (the next change in the route - right or left turns, roundabouts, etc.), presenting them as they occur until you reach your destination. If there is one starting point, there must be at least one destination. On startup, the start point is the current position (or the last confirmed position). If you need to check a route that is not currently being driven, you can move the start point to wherever you want.

HEADS-UP MAP DIRECTION

Heads-up mode rotates the map so that the direction you are currently travelling is always at the top of the map. This is the default direction in 3D map display mode. Also see "NORTH-UP MAP DIRECTION".

1. GPS (GLOBAL POSITIONING SYSTEM)

LIMITATIONS OF THE NAVIGATION SYSTEM

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

The Global Positioning System (GPS) developed and operated by the U.S. Department of Defense provides an accurate current position, normally using 4 or more satellites, and in some case 3 satellites. The GPS system has a certain level of inaccuracy. While the navigation system compensates for this most of the time, occasional positioning errors of up to 100 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 Yshaped 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 tyre chains installed.
 - When the tyres are worn.
 - After replacing a tyre or tyres.
 - When using tyres that are smaller or larger than the factory specifications.
 - When the tyre pressure in any of the 4 tyres is not correct.

- Inappropriate route guidance may occur in the following cases:
 - When turning at an intersection off the designated route guidance.
 - If you set more than 1 destination but skip any of them, auto reroute will display a route returning to the destination on the previous route.
 - When turning at an intersection for which there is no route guidance.
 - When passing through an intersection for which there is no route guidance.
 - During auto reroute, the route guidance may not be available for the next turn to the right or left.
 - During high speed driving, it may take a long time for auto reroute to operate. In auto reroute, a detour route may be shown.
 - After auto reroute, the route may not be changed.
 - If an unnecessary U-turn is shown or announced.
 - If a location has multiple names and the system announces 1 or more of them.
- When a route cannot be searched.
- If the route to your destination includes gravel, unpaved roads or alleys, the route guidance may not be shown.
- Your destination point might be shown on the opposite side of the street.
- When a portion of the route has regulations prohibiting the entry of the vehicle that vary by time or season or other reasons.
- The road and map data stored in the navigation system may not be complete or may not be the latest version.

(INFORMATION)

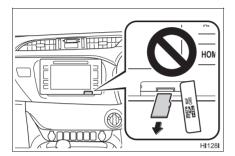
This navigation system uses tyre turning data and is designed to work with factory-specified tyres for the vehicle. Installing tyres that are larger or smaller than the originally equipped diameter may cause inaccurate display of the current position. The tyre pressure also affects the diameter of the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

2. MAP DATA

ABOUT THE MAP DATA

Map data for the navigation system is contained in a SD card that is inserted in the SD card slot.

Do not eject the SD card, as doing so may deactivate the navigation system.



NOTICE

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

(INFORMATION)



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

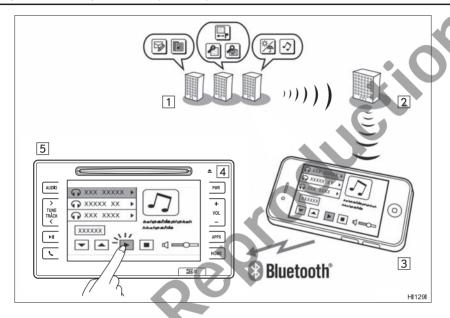


Toyota Link

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1. Toyota Link SERVICE*1

Toyota Link is a service that enables selected internet based information on your smartphone to be displayed on and operated from the "Apps" screen on your navigation and multimedia system. Before Toyota Link can be used, a few set up steps need to be performed. (→P.217)



^{*1:} Toyota Link is available in Australia. For information on availability of the service in New Zealand, refer to http://www.toyota.co.nz/.

No.	Name	Function
1	Content provider	Provides content to the application server.
2	Application Server	Provides application data to the navigation and multimedia system via a smartphone.
3	Smartphone*2	Using the Toyota Link application, communication is relayed between the navigation and multimedia system, the application server and the contents provider.
4	Applications	Displays and sounds the usable contents from the contents providers via a smartphone.
5	Navigation and multimedia system	Contents received, via a smartphone, from the contents provider servers are displayed on the navigation and multimedia system.

^{*2:} For known compatible phones, http://www.toyota.com.au/owners.*

(INFORMATION)

• The actual service availability is dependent on the network condition.

^{*1:} Toyota Link is available in Australia. For information on availability of the service in New Zealand, refer to http://www.toyota.co.nz/.

BEFORE USING THE FUNCTION

SUBSCRIPTION

- Toyota Link will be free with the vehicle up to the end of the specified time period of its new vehicle warranty excluding any extended warranty. User registration is required to start using the service. (→P.218)
- Following the new vehicle warranty period, please visit http://www.toyota.com.au/owners for service requirements.*1

AVAILABILITY OF SERVICE

(INFORMATION)

- When using Toyota Link, depending on the details of your smartphone contract, data usage fees may apply. Confirm data usage fees with your data supplier before using this service.
 Specific applications may also have a
 - Specific applications may also have a charge attached.
- In this section, the required operations to activate applications, connect a smartphone to the navigation and multimedia system and registration steps for Toyota Link are explained. For more information, please visit
 - http://www.toyota.com.au/owners.*1
- The actual service availability is dependent on the data network coverage. Toyota Link services are not available when your vehicle is outside GSM mobile phone operating range and are dependent on GPS coverage availability.
- Not all devices will be compatible and functionality will vary depending on the device. For known compatible phones please visit

http://www.toyota.com.au/owners.*1

INITIALISING PERSONAL DATA

The personal data used in applications can be reset. (→P.51)

- The following personal data can be deleted from the navigation and multimedia system and returned to their default settings:
 - Downloaded contents
 - · Radio stations that were listened to
 - Input history

INFORMATION

 Once initialised, data will be erased. Pay close attention when initialising the data.

^{*1:} Toyota Link is available in Australia. For information on availability of the service in New Zealand, refer to http://www.toyota.co.nz/.

PREPARATION BEFORE USING Toyota Link

SETTINGS REQUIRED TO USE Toyota Link

Perform the settings in the following order.

- 1 User registration
- 2 Download the Toyota Link application to your smartphone.
- **3** Pair the smartphone with the navigation and multimedia system via Bluetooth[®].

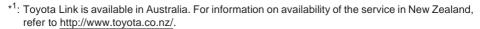
In order to use Toyota Link, the following setup steps must first be performed:

- User registration with the service contract. (→P.217)
- Download the Toyota Link application onto your smartphone, and login to the application. (→P.218)
- Pair the smartphone that the Toyota Link application was downloaded to with the navigation and multimedia system via Bluetooth[®]. (→P.34)

USER REGISTRATION

Before using Toyota Link, you will need to set up an account. Getting started is easy and takes only a few minutes. Please visit http://www.toyota.com.au/owners.*1

Perform user registration from the designated web address.



REGISTERING THE Toyota Link APPLICATION

- **1** Download the Toyota Link application to your smartphone.
- **2** Activate the Toyota Link application on your smartphone.
- **3** Enter the information required into the Toyota Link application. Login to the application.

(INFORMATION)

- Applications can only be used when the Toyota Link application has been downloaded to your smartphone and the application is active.
- In order to use applications, it is necessary to pair your smartphone with the navigation and multimedia system via Bluetooth[®]. (→P.34)
- If an iPhone is connected via Bluetooth[®] and USB at the same time, system operation may become unusable. For known phone compatibility information, refer to http://www.toyota.com.au /owners.⁴¹
- If a Toyota Link application is used while iPod audio is being played back, system operation may become unstable.

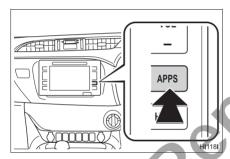
^{*1:} Toyota Link is available in Australia. For information on availability of the service in New Zealand, refer to http://www.toyota.co.nz/.

1. Toyota Link

USING Toyota Link

Toyota Link is a service that enables the selected internet based information of a smartphone to be displayed on and operated from the navigation and multimedia system. Before Toyota Link can be used, a few setup steps need to be performed (→P.217). For more information, please visit http://www.toyota.com.au/owners.*1

1 Press the "APPS" button.



2 Select the desired application button.



No.	Function	Page
1	Select to activate an application.	_
2	Select to update the applications.	220
3	Select to reorder the applications.	221
4	Displays the number of new notifications for the application	_

^{*1:} Toyota Link is available in Australia. For information on availability of the service in New Zealand, refer to http://www.toyota.co.nz/.

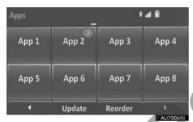
UPDATING an application

When Toyota Link is activated, applications may need to update. By updating, an application can be kept at the latest version. When updating the application, it is necessary to download the updated data and install it.

DOWNLOADING THE UPDATED DATA

If an update is available, "**Update**" can be selected.

1 Select "Update".



2 Check that downloading is started.



"Download in background": Select to operate other function while downloading. "Cancel": Select to cancel the update.

3 Check that the download is completed.



	DISTRACTION
No.	Function
1	Select to install the update later. The screen will return to the last displayed screen. Installing the updated data later. (>P.221)
2	Select to display detailed information about the updated data.
3	Select to install the updated data. Follow the steps "INSTALLING THE UPDATED DATA" from "STEP 2". (→P.221)

■INSTALLING THE UPDATED DATA

After the downloading is complete, "Update" will be changed to "Install".

- 1 Select "Install".
- 2 Select "Continue".



"Later": Select to postpone the installation of the updated data and go back to the previous screen.

3 Check that installing is started.

"Install in background": Select to operate other function while installing.

4 Select "OK" after the installing is complete.

(INFORMATION)

 Toyota Link function cannot be operated while installing.

REORDERING THE APPLICATIONS

Order of the applications can be changed.

- **1** Display the "Apps" screen. (→P.219)
- 2 Select "Reorder".



- Select the desired application to be moved.
- 4 Select "<<" or ">>" to move the application, and select "OK".

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 while transferring contacts."	Contacts are being transferred manually from the phonebook.	When the transfer of contacts is complete, perform the operation.
"Unable to connect to a Bluetooth*2 smartphone. For troubleshooting assistance, please visit the Toyota web site, or contact your dealer."	The smartphone cannot be connected.	Please visit http://www.toyota.com.au/owners for more information.*1
"This feature is unavailable during a hands-free call."	A hands-free call is in progress.	After the hands-free call is finished, perform the operation.
"To use these services, an active application needs to be running on your smartphone. For more information, please visit the Toyota web site, or contact your dealer."	The Toyota Link application cannot be connected to Bluetooth® SPP.	Please visit http://www.toyota.com.au/owners for more information.*1
"Toyota Link connection has been lost. Please confirm your connection."	Communication was disconnected.	After a few moments, retry the operation.

 $^{^{\}star 2}$: The Bluetooth $^{\$}$ word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

^{*1:} Toyota Link is available in Australia. For information on availability of the service in New Zealand, refer to http://www.toyota.co.nz/.

LINKING Toyota Link AND NAVIGATION FUNCTION

If the vehicle is fitted with navigation, setting a destination and making a hands-free call can be performed via Toyota Link. For more information, please visit

http://www.toyota.com.au/owners*1

ENTERING KEYWORD OPERATION

A keyword can be entered to an application by the software keyboard.

ENTERING A KEYWORD USING THE SOFTWARE KEYBOARD

- **1** Display the "Apps" screen. (→P.219)
- **2** Select the desired application button.



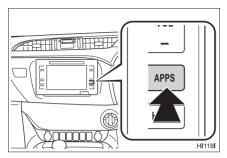
- 3 Select the character input space.
- 4 Enter a search term, and then select "OK".
- **5** Entering characters will be reflected on the character input space.
- For details on operating the keyboard: →P.29

^{*1:} Toyota Link is available in Australia. For information on availability of the service in New Zealand, refer to http://www.toyota.co.nz/.

1. Toyota Link SETTINGS

Settings are available for Toyota Link.

1 Press the "APPS" button.



- 2 Select "Setup".
- 3 Select "Toyota Link".
- 4 Select the items to be set.
- 5 Select "OK".

SCREEN FOR Toyota Link SETTINGS



No.	Function
1	Select to set the voice guidance volume. (→P.225)
2	Select to set the pop-up reminder for smartphone data usage. (→P.225)
व	Select to reset all setup items.

VOICE VOLUME SETTINGS

The voice guidance volume can be adiusted.

- **1** Display the "Toyota Link Settings" screen. (→P.224)
- **2** Select the desired level by selecting the appropriate number.
- 3 Select "OK".

PHONE DATA PLAN POP-UP SETTINGS

The phone data plan pop-up display option can be configured.

- 1 Display the "Toyota Link Settings" screen. (→P.224)
- 2 Select "Telephone Data Plan Pop-Up".
- 3 Check the desired function to be operated.



4 Select "OK".

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End-user License Agreement

1 The contracting parties

1.1 This Agreement has been entered into by and between NNG Software Developing and Commercial Ltd. (registered seat: 35-37 Szépvölgyi út, H-1037 Budapest, Hungary; company reg. no.: 01-09-891838) as Licensor (hereinafter: Licensor) and You as the end user (hereinafter: User; the User and the Licensor jointly referred to as: Parties) in subject of the use of the products specified in this Agreement, including software products, databases and content.

2 Conclusion of the Agreement

- 2.1 The Parties hereby acknowledge that this Agreement shall be concluded by implicit conduct of the Parties without signing the Agreement.
- 2.2 The User hereby acknowledges that following the lawful acquisition (online purchase from authorizes vender or preinstalled on purchased Device) of the software product constituting into a computer or other hardware equipment (mobile phone, multifunction device, personal navigation device, in-car navigation or multi function head unit, etc.) (hereinafter referred to as: "Device"), installation of such Device into a vehicle, pressing of the "Accept" button displayed by the software during installation or use (hereinafter referred to as: "Use") shall mean that the User has accepted the terms and conditions of this Agreement as legally binding. The time of conclusion of the present Agreement is the time of executing the first action of use (commencement of use).
- 2.3 This Agreement shall by no means authorize Use of the software product or having unlawfully installed it on a Device or in a vehicle.
- 2.4 U.S. Government Users. If you acquire the Software Product by or on behalf on the United States Government or any other entity seeking or applying rights similar to those customarily claimed by the United States Government, you are on notice that the Software Product and the Databases, content and services are commercial items as that term is defined at 48 C.F.R ("FAR") 2.101 and that all use of the Software Product is subject to this Agreement.

3 Applicable laws and regulations

- 3.1 Any action related to this Agreement will be governed by the laws of the Republic of Hungary, with specific reference to Act IV of 1959 on the Civil Code and to Act LXXVI of 1999 on Copyrights (the "Copyright ACT") shall apply. The United Nations Convention on Contracts for the International Sales of Goods is hereby excluded from application to this EULA.
- 3.2 The parties hereby agree that the courts of the Republic of Hungary will have exclusive jurisdiction to rule on any disputes arising in connection with this Agreement. The original language version of this Agreement is the Hungarian version. This Agreement has versions in other languages as well. In case of dispute the Hungarian version shall prevail.

4 Object of the Agreement and Termination

- 4.1 The object of this Agreement shall be the navigation guidance software product of Licensor (hereinafter referred to as the "Software Product").
- 4.2 The Software Product shall include the operating computer program, its complete documentation, the map database pertaining thereto and any third-party content and services accessible through the Software Product (hereinafter together referred to as: the "Database").
- 4.3 Any form of display, storage, coding, including printed, electronic or graphic display, storage, source or object code, or any other as yet undefined form of display, storage, or coding, or any medium thereof shall be deemed parts of the Software Product.
- 4.4 Error corrections, additions, updates to the Software Product or the Databases used by the User following the conclusion of this Agreement shall also be deemed parts of the Software Product and Used in accordance with this Agreement.
- 4.5 Your rights under this Agreement will terminate immediately without notice from Licensor if you materially breach it or take any action in derogation of Licensor's and/ or its Licensor's rights to the Software Product. Licensor may terminate this Agreement if any Software Product become, or in Licensor's reasonable opinion likely to become, the subject of a claim of intellectual property infringement or trade secret misappropriation. Upon termination, you will cease use of, and destroy Software Product and all parts of it and confirm compliance in writing to Licensor, if requested.

5 Rights under copyright

- 5.1 Unless otherwise provided by law or contractual provisions, the Licensor is the sole and exclusive owner of all material copyrights vested in the Software Product.
- 5.2 Copyrights extend to the whole Software Product and to its parts separately as well.
- 5.3 The owner(s) of the copyrights of the Database or certain works protected by intellectual property rights, that are forming part of the Software Product is (are) the Licensor, or natural person(s) or corporate entity(ies) owners of certain Databases (hereinafter referred to as: "Database Owner"). Some Database Owners are listed in the "About" or similar menu item of the Software Product.
 - The Licensor hereby states that it has obtained sufficient usage and representation rights from the Database Owners in order to utilize the Database, to offer it for utilization and to transfer it for utilization as set forth in this Agreement.
- 5.4 Pursuant to this Agreement, all rights vested in the Software Product shall remain in the ownership of the Licensor, except for those to which the User is entitled under law or by virtue of this Agreement.

6 Rights of the User

- 6.1 By default the User is entitled to install the Software Product on one Devise having a single GPS sensor built in, and to run and use one copy of the Software Product or a preinstalled copy of the Software Product thereon. The Software Product and Database is for the User's personal or internal business use only.
- 6.2 The User is entitled to make one backup copy of the Software Product.

 However, if the Software Product operates after installation without the use of the original media copy, then the original media copy shall be deemed to be a backup copy. In all other cases, the User is only entitled to use the backup copy if the original media copy of the Software Product has been ascertainably and unequivocally rendered unsuitable for its lawful and intended use.
- 6.3 In the event that the Software Product comes preinstalled on or otherwise licensed together with the Device or purchased online for and installed by the User for a specific Device, the Software Product shall be tied to the Device and may no be separated, transferred to-, or used with another Device or sold ti another User without selling the Device itself.
- 6.4 The Database, content or service provided to User may only be used together with User's copy of the Software Product and may not be used separately or with another copy of the Software Product.

7 Limitations of use

- 7.1 The User is not entitled
- 7.1.1 to duplicate the Software Product (to make a copy thereof) except to the extent allowed by this Agreement or Applicable law;
- 7.1.2 to resell, sublicense or use it for commercial purposes, use to lease, rent or lend it, or to transfer it to a third person for any reason without transferring the Device on which it was first legally installed on (see section 6.3);
- 7.1.3 to translate the Software Product (including translation (compilation) to other programing languages);
- 7.1.4 to decompile, disassemble, or reverse engineer the Software Product;
- 7.1.5 to evade the protection of the Software Product or to modify, circumvent or obviate such protection through technological or by any other means;
- 7.1.6 to modify, extend, transform the Software Product (in whole or in part), to separate it into parts, combine it with other products, install it in other products, utilize it in other products, not even for the purpose of achieving interoperability with other devices;
- 7.1.7 apart from using the computer program, to obtain information from the Database as a part of the Software Product, to decompile the Database, to use, copy, modify, extend, transform the Database in whole or in part or the group of data stored therein, or to install it in other products or otherwise, utilize it in other products or to transfer it, not even with the aim of achieving interoperability with other products.

- 7.2 The User may only use the Database, content and service available through the Software Product and provided by third parties and the data received through the services provided by third parties (including but not limited to the traffic data received from the RDS TMC or on-line TMC traffic information service) for his/her own personal benefit and at his/her own risk. It is strictly prohibited to store, to transfer or to distribute these data or contents or to disclose them in full or in part to the public in any format or to download them from the product.
- 7.3 The User is not entitled to remove, modify or obscure of any copyright, trademark notice, or restrictive legend included in the Software Product, the Database, content or services.

8 No warranty, limitation of responsibility

- 8.1 The Licensor hereby informs the User that although the greatest care was taken in producing the Software Product, given the nature of the Software Product and its technical limitations, the Licensor does not provide a warranty for the Software Product being completely error-free, and the Licensor is not bound by any contractual obligation whereby the Software Product obtained by the User should be completely error-free.
- 8.2 THE LICENSED SOFTWARE PRODUCTS, DATABASES, CONTENT AND SERVICES ARE PROVIDED ON AN "AS IS" AND "WITH ALL FAULTS BASIS" (INCLUDING NO WARRANTY FOR THE CORRECTION OF FAULTS) AND LICENSOR, THE DATABASE OWNERS AND THIRD PARTY SUPPLIERS EXPRESSLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY, SATISFACTORY QUALITY, ACCURACY, TITLE AND FITNESS FOR A PARTICULAR PURPOSE. NO ORALOR WRITTEN ADVICE OR INFORMATION PROVIDED BY LICENSOR OR ANY OF ITS AGENTS, DATABASE OWNERS, EMPLOYEES OR THIRD PARTY PROVIDERS SHALL CREATE A WARRANTY, AND USER IS NOT ENTITLED TO RELY ON ANY SUCH ADVICE OR INFORMATION. THIS DISCLAIMER OF WARRANTIES IS AN ESSENTIAL CONDITION OF THE AGREEMENT.
 - Licensor does not warrant that the Software Product, Database, content or service are capable of interoperating with any other system, Devise or product (e.g. software or hardware).
- 8.3 The Licensor does not assume any responsibility for damages incurred due to an error in the Software Product (including errors of the computer program, the documentation and the Database).
- The Licensor does not assume any responsibility for damages incurred due to the Software Product not being applicable for any defined purpose, or due to the error or incompatibility of the Software Product with any other system, device or product (e.g. software or hardware).

- 8.5 NEITHER LICENSOR NOT ITS SUPPLIERS SHALL BE LIABLE TO USER FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL INDERECT OR EXEMPLLARY DAMAGES ARISING OPUT OF THIS AGREEMENT, INCLUDING LOST PROFITS OR XOSTS OF COVER, LOSS OF USE OR BUSINESS INTERRUPTION OR THELIKE, REGARDLESS OF WHETHER THE PARTY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

 NOTWITHSTADING ANYTHING TO THE CONTRARY CONTAINED HEREIN, THIRD PARTY SUPPLIERS (E.G. DATABASE OWNERS, MAP PROVIDERS) OR AGENTS OF LICENSOR SHALL HAVE NO MONETARY LIABILITY TO THE USER FOR ANY CAUSE (REGARDLESS OF THE FORM OF ACTION) UNDER OR RELATING TO THIS AGREEMENT.
- 8.6 The Licensor also draws the attention of the User to the fact that, when using the Software Product in any form of vehicle, observing the traffic regulations and rules (e.g. use of obligatory and/or reasonable and suitable security measures, proper and generally expected care and attention in the given situation, and special care and attention required due to the use of the Software Product) is the exclusive responsibility of the User. The Licensor shall not assume any responsibility for any damages occurred in relation to use of the Software Product in a motor vehicle.
- 8.7 By concluding the Agreement, the User shall, in particular, acknowledge the information stated in Section 8 above.

9 Sanctions

- 9.1 The Licensor hereby informs the User that, if the Licensor finds its rights under the Copyright Act to be breached, the Licensor may
- 9.1.1 seek judicial recognition of this breach;
- 9.1.2 demand that the breach cease and order the person in breach to refrain from continuing such actions;
- 9.1.3 demand that the person under breach give proper compensation (even by way of publicity at the expense of the person in breach);
- 9.1.4 claim the return of the increase of assets due to the breach;
- 9.1.5 demand the cease of the wrongful action and, demand restitution to its state before the breach was committed at the expense of the person in breach, and may demand the destruction of instruments and materials used to commit the breach as well as of the products created by the breach;
- 9.1.6 claim for damages.
- 9.2 The Licensor hereby also informs the User that the breach of copyrights and related rights is a crime under Act IV of 1978 on the Hungarian Criminal Code, which may be sentenced of two years in prison in basic cases and up to eight years in prison in aggravated cases.

9.3 Content and services provided by third parties. The Licensor hereby excludes any liability of its own for the Database in the Software Product and for any content or service provided by a third party by using the Database. The Licensor does not warrant the quality, suitability, accuracy, fitness for a specific purpose or territorial coverage of the Database, content, product or service or the availability of the Database, content, product or service, and it specifically excludes any liability for the suspension or cancellation of the service, and any damage arising in relation to the service or for complete cancellation of the service. User acknowledges that the mapping data in Databases contains geographical data and other data.

The User hereby acknowledges that (i) inaccurate or incomplete information due to the passage or time, changing circumstances, sources used and the nature of collecting comprehensive geographic data, any each lead to incorrect result; and (ii) that the Database, contents and services provided by third parties may only be used at the risk of the User and for the personal or internal business benefit of the User. User acknowledges that the Database, content and services are the confidential information of Database Owners and disclosure of the Databases to third parties is prohibited.

USE OF THE SOFTWARE PRODUCT'S REAL TIME ROUTE GUIDANCE FUNCTION IS AT USER'S SOLE RISK AS LOCATION DATA MAY NOT BE ACCURATE.

- 9.4 Content and services provided by the Licensor or an agent of the Licensor. For certain Software Products the Licensor or a contractual partner may offer various products ad services to the User through www.naviextras.com. The User may only use these services when the User has read and understood the relevant end user license agreement(s) at www.naviextras.com and the User is obliged to use the services in line with the terms and conditions thereof.
- 9.5 Purchase and acquisition of activation license for the use of certain functions, Databases, content or services may require Internet connection with no alternative way of acquisition offered by Licensor.

10 Anonymous data collection

- 10.1 The User hereby acknowledges that the Software Product may collect, transmit to Licensor or third parties, and in some cases store data connected to the usage of the Software Product by the User (e.g. movement/route date, user interaction data). Such data collection functions may be disabled or enabled by User any time from within the corresponding menu. The collected data is always anonymous, not associated in any way with any personal information of the User or with the User itself.
- 10.2 The collected data may be uploaded to Licensor's database or transmitted periodically or in real time to a third party partner and used exclusively for the purpose of enhancing and improving the precision and reliability of features and services of the Software Product and the Databases. Uploading is executed through Licensor's special software or by the User navigation device, and the upload may be enabled or disabled by User. After successful data upload, the collected data is deleted from the Software Product storage media.

- 10.3 Collected data is transmitted, stored and handled anonymously and no connection of the data with the User shall be established by Licensor or any third party.
- 10.4 Licensor hereby informs the User, that if it accesses the Internet through mobile data service while abroad or otherwise roaming another mobile network the transmission of such data may result in special roaming charges. To avoid such charges it is the responsibility of the User to disable mobile data services while roaming or to turn off the data collection functions of the Software Product.

11 Online Content Service Auxiliary Terms

- 11.1 For online content services the following auxiliary terms shall also apply. Database content (e.g. weather-, traffic info, location based info) may be supplied by Licensor to the User's Device through an Internet connection (hereinafter: "Online Content Services"). Such Contents may be granted for a fee or free of charge subject to Licensor's decision. Ensuring access to the Internet is the responsibility of the User.
- 11.2 Online Content Services in general are not available in all countries, furthermore different conditions and Service characteristics may apply in different countries. Use of certain Online Services may be prohibited in various countries. It is the User's responsibility to comply with country specific regulation. Licensor excludes its liability for the consequences of illegal use of such functions and User shall indemnify and hold Licensor harmless from all claims against Licensor from authorities or third parties due to the illegal use.
- 11.3 Online Content is downloaded by the Software Product from Service Provider's Online content servers. The Licensor hereby excludes any liability of its own for the Online content. The Licensor does not warrant the quality, suitability, accuracy, fitness for a specific purpose or territorial coverage of the Online content, furthermore no warranty is offered regarding the availability (e.g. uptime) of Online content servers. User acknowledges that in any territory or time, slow- or non-connectivity may be experienced due capacity limitations of Licensor's servers. The Software Product may allow the User to access and communicate third party servers directly. In such cases use of such servers is for User's own risk entirely. Licensor shall not undertake any liability whatsoever for such servers and services accessed and received directly form third parties.
- 11.4 User acknowledges that the data or information provided through Online Content Services is not updated in real-time and any may not accurately reflect the real life situation or events.
- 11.5 The User hereby acknowledges that the Online Content Services may only be user at the risk of the User and for the personal benefit of the User. It is the sole responsibility of the User to provide and maintain a connection to the public Internet network. User accepts that the usage of the Online Content Services generates data traffic (up- and downstream) and may result in increased data service fees payable by User.

- 11.6 Online Content Services may provide data, information or materials supplied and/or licensed by third parties to Licensor. For such materials different terms and conditions imposed by such third parties may apply. Applicable third party terms shall be referred in the "About" section of the Software Product or as part of this Agreement. When first using/enabling Online Content, User accepts compliance with those third party terms and conditions.
- 11.7 Discontinuation. Licensor reserves the right to discontinue provision or access to any Online Content Service with or without prior notice to the User. Such discontinuation shall not entail any consequences other than here stated. In case of discontinued Online Content Services that were (i) provided for a pre-paid fee, AND (ii) such fee covers the use of the Online Content Service for a definite term (i.e. Pre-paid subscription service), User shall be entitled to a refund proportionate to the term remaining from such definite term from the time of the discontinuation.
- 11.8 Community Services. Some Online Content Services may be based on data and information uploaded by participating individuals (Users or other persons) or a Database created and maintained by a group of such individuals. Such data may not come from a trusted source and may also be intentionally false or misleading, as Licensor does not have any means to control or verify the credibility or accuracy of such data or the individuals providing the data. Therefore User accepts that community type Online Content Services must be used with extreme care.
 - By participating in the community by providing data or any information via the Software Product or other means offered by Licensor (e.g. through a website or other software), User shall accept the following:
 - (a) Licensor is granted a royalty free right to use the data uploaded, in particular, to modify, display, make available to the public, distribute, copy the data for any purpose;
 - (b) User warrants that not third party has any rights that would hinder or render impossible the use of the data as set out in (a) above, and that no third party rights are infringed by uploading the data on those conditions;
 - (c) User indemnifies and holds harmless Licensor from any claim from a third party against Licensor due to violation of its rights regarding the uploaded data.

12 Third Party Terms

12.1 Google Local Search. User acknowledges that Google Local Search (GLS) functionality is provided by the usage of Google, Inc.'s service to the User. User hereby accepts all conditions of Google's Terms of Service provided at http://www.google.com/accounts/TOS. User accepts that the Google Local Search is decared "deprecated" and is not commercially supported by Google, Inc. and also it may by made unavailable without notice by Google in accordance with the relevant terms of service at http://code.google.com/intl/hu-HU/apis/webserch/terms.html.

Certification



The latest "DECLARATION of CONFORMITY" (DoC) is available at the following:

DoC address: FUJITSU TEN LIMITED

2-28, Gosho-dori 1-chome, Hyogo-ku, Kobe, 652-8510, Japan

С настоящето, FUJITSU TEN LIMITED, декларира, че FT0072A е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 1999/5/EC.

FUJITSU TEN LIMITED tímto prohlašuje, že tento FT0072A je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

Ovim FUJITSU TEN LIMITED, izjavljuje da je FT0072A u skladu s bitnim zahtjevima drugim relevantnim odredbama Direktive 1999/5/EC.

Undertegnede FUJITSU TEN LIMITED erklærer herved, at følgende udstyr FT0072A overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Hiermit erklärt FUJITSU TEN LIMITED, dass sich das Gerät FT0072A in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.

Käesolevaga kinnitab FUJITSU TEN LIMITED seadme FT0072A vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

Hereby, FUJITSU TEN LIMITED, declares that this FT0072A is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Por medio de la presente FUJITSU TEN LIMITED declara que el FT0072A cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ FUJITSU ΤΕΝ LIMITED ΔΗΛΩΝΕΙ ΟΤΙ FT0072Α ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΊΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Par la présente FUJITSU TEN LIMITED déclare que l'appareil FT0072A est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Con la presente FUJITSU TEN LIMITED dichiara che questo FT0072A è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Ar so FUJITSU TEN LIMITED deklarē, ka FT0072A atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Šiuo FUJITSU TEN LIMITED deklaruoja, kad šis FT0072A atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Hierbij verklaart FUJITSU TEN LIMITED dat het toestel FT0072A in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Hawnhekk, FUJITSU TEN LIMITED, jiddikjara li dan FT0072A jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Alulírott, FUJITSU TEN LIMITED nyilatkozom, hogy a FT0072A megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Niniejszym FUJITSU TEN LIMITED oświadcza, że FT0072A jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

FUJITSU TEN LIMITED declara que este FT0072A está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Prin prezenta, FUJITSU TEN LIMITED, declară că aparatul FT0072A este in conformitate cu cerințele esențiale și cu alte prevederi pertinente ale Directivei 1999/5/CE.

FUJITSU TEN LIMITED izjavlja, da je ta FT0072A v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

FUJITSU TEN LIMITED týmto vyhlasuje, že FT0072A spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

FUJITSU TEN LIMITED vakuuttaa täten että FT0072A tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Härmed intygar FUJITSU TEN LIMITED att denna FT0072A står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Hér með lýsir FUJITSU TEN LIMITED yfir því að FT0072A er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

FUJITSU TEN LIMITED erklærer herved at utstyret FT0072A er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

Ovim , FUJITSU TEN LIMITED, izjavljuje da ovaj FT0072A je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.

Nepermiet kesaj, FUJITSU TEN LIMITED, deklaroj qe ky FT0072A eshte ne pajtim me kerkesat thelbesore dhe dispozitat e tiera perkatese te Direktives 1999/5/EC.

İşbu belge ile FUJITSU TEN LIMITED, bu FT0072A in 1995/5/EC Yönetmeliği esas gereksinimlerine ve diğer şartlarına uygun olduğunu beyan eder.

