



RAV4 2026



MULTIMEDIA
OWNER'S MANUAL

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For your information

Multimedia system owner's manual

- This manual describes the operation of the multimedia system. Please read this manual and the vehicle "OWNER'S MANUAL" carefully to ensure proper use.
- Please be aware that the content of this manual may be different from the system in some cases, such as due to software updates and changes to specifications.
- The screens shown in this manual may differ from the actual screen of the system depending on availability of functions, subscription status, and map data available at the time this manual was produced.
- The company names and products listed in this manual are trademarks and/or registered trademarks of their respective companies.

Handling of personal Information

The multimedia system transmits data, including personal information, to the server in order to provide services. Depending on the service provided, you may be required to register data, including personal information. Please check the policy regarding the use of personal information from the URL displayed on the multimedia system. (→ P.51)

Disclaimer about data compensation

This system saves data onto the internal memory. Data saved in the memory may become corrupted or lost due to system failure, repair, malfunction, bugs, or other causes.

Please note: Toyota Motor Corporation is not responsible for any direct or indirect damage, and will not provide compensation for any data that could not be saved correctly to the internal memory.

Removal of the 12-volt battery

When the power switch is turned off, all data is saved in the system. If the 12-volt battery terminal is removed before the data is saved, the data may not be saved correctly.

Software update

The Data Communication Module (DCM) can be used to perform software updates to improve system performance and change/add functions.

This manual contains information are current as of December 2025. For the latest information about the controls, use, warnings/precautions, etc. of each function, refer to the updated details in the multi-media display. ([→ P.57](#))

- Be aware that some functions may temporarily be disabled if a legal or safety related issue occurs.
- If you do not have a connected services contract, or if the contract has not been renewed, or if you do not allow the transmission of personal information on the "Vehicle data sharing" display ([→ P.51](#)), you cannot refer to the update details. Visit the Toyota official website or consult your Toyota dealer.

▲ WARNING

When the software is updated, the operating methods of functions may change. Using this system without knowing the correct operating methods may lead to an accident resulting in serious injury or death.

■ Updating the software

If a software update is available, a notification will be displayed on the multimedia system. Follow the instructions displayed on the screen.

When the software is updated, the way functions are used may change and functions may be added.

- After a software update has been performed, it will not be possible to revert to a previous version.
- Depending on the communication environment and the content of an update, a software update may take several hours. Although an update will be suspended when the power switch is turned off, it will resume when the power switch is changed back to ON.
- If the software update fails, the system will start with the previous version.

Safety instructions

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

This system is designed to help you reach your destination and will do so effectively when used correctly. The driver is solely responsible for the safe operation of the 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. 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, follow the voice instructions as much as possible, and only glance at the screen briefly when it is safe to do so. 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 or delayed guidance, or no voice guidance at all.

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 followed safely and legally.

This system cannot warn about things such 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.

For safety reasons, some functions cannot be operated or displayed while driving.

⚠ WARNING

- For safety, the driver should not operate the system while they are 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.

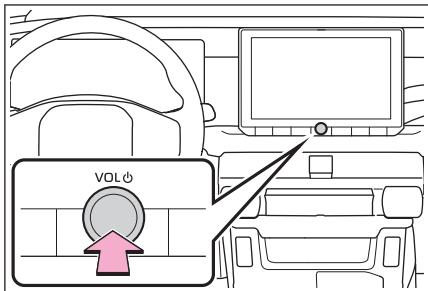
Reading this manual

Explains symbols used in this manual.

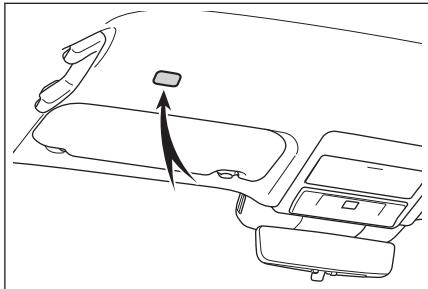
Symbols in this manual

Symbols	Meanings
	WARNING : Explains something that, if not obeyed, could cause death or serious injury to people.
	NOTICE : Explains something that, if not obeyed, could cause damage to or a malfunction in the vehicle or its equipment.
1 2 3 ...	Indicates operating or working procedures.
	INFORMATION : Explains something other than descriptions about operation methods and functions that you should know and are useful to know.

Symbols in illustrations



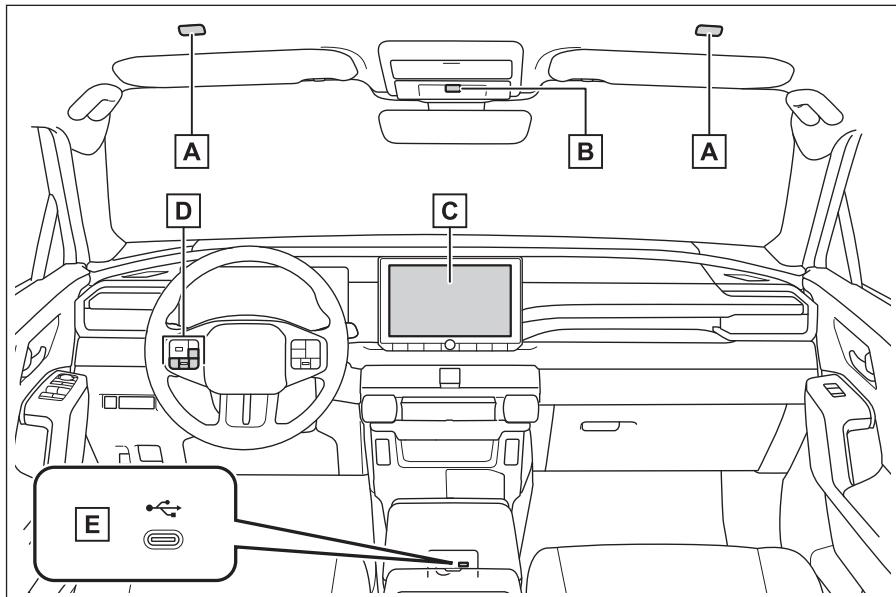
Symbols	Meanings
	Indicates the action (pushing, turning, etc.) used to operate buttons and other devices.



Symbols	Meanings
	Indicates the component or place being explained.

Pictorial index

Instrument panel



- A** **Microphones**^{*1} **P.37**
- B** **SOS button**^{*2}
- C** **Display** **P.15**
- D** **Steering wheel switches**
 - Controlling audio **P.168**
 - Using the Voice Assistant **P.35**
 - Making a phone call **P.215**
- E** **USB Type-C port** **P.172**

*1 : The microphone position may vary depending on the vehicle equipment.

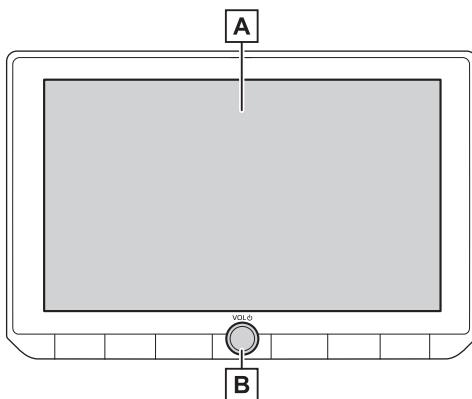
*2 : Refer to "OWNER'S MANUAL".

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1-9. Security settings

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settings **70**

Display and control



A Display

Operate the touch screen by directly touching it.

B POWER/VOLUME knob

Turn the audio on/off and adjust the volume. (→ P.168)

INFORMATION

- The LCD screen may look whitish or blackish depending on the surrounding conditions or the angle from which the screen is viewed.
- The screen may be difficult to see if sunlight or other external light hits the screen.
- The screen may appear dark or hard to see if you wear polarized sunglasses.

WARNING

For safety, the driver should operate the display as little as possible while driving and should stop the vehicle to operate the display. Operating the display while driving is dangerous and can cause unforeseen accidents. Additionally, look at the display only when necessary and as briefly as possible when driving the vehicle.

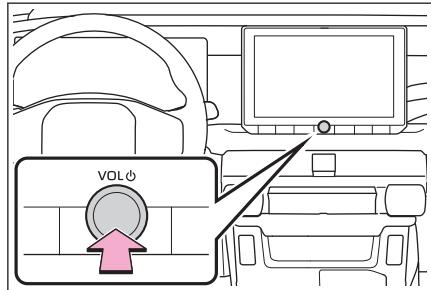
NOTICE

Do not use the multimedia system for long periods of time with the hybrid system turned off. Doing so may deplete the 12-volt battery.

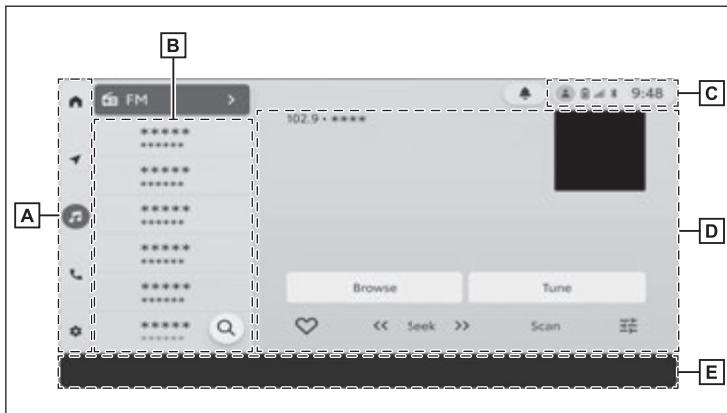
Restarting the system

When the system response is extremely slow, you can restart the system.

- **Press and hold the POWER/VOLUME knob for at least 3 seconds.**



Multimedia screen overview



A Main menu

Changes the function to be displayed on the screen when an icon is touched.

B Sub menu

Displays items on a list. Scrolling the list can be done by dragging or flicking the screen.

C Status bar

Information such as the clock and various communication statuses are displayed as status icons. (→ P.20) Some status icons are displayed outside the status bar. Touching the status bar displays the quick control screen.(→ P.32)

D Main area

Displays detailed information about the item you selected on the sub menu.

E Climate control buttons

Operate the air conditioner.*1



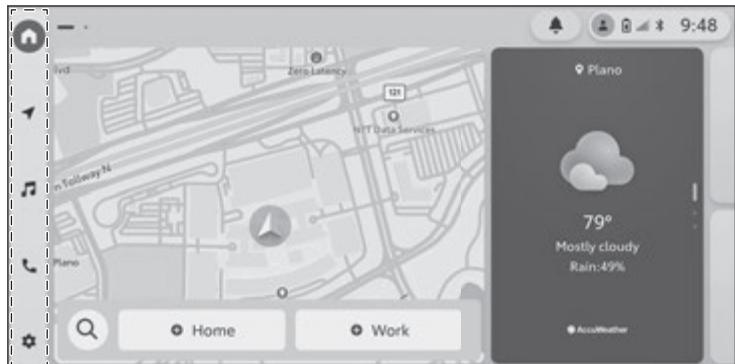
INFORMATION

- The displayed content may differ depending on the size of the multimedia screen.

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

Main menu

The function to be displayed on the screen can be changed by touching an icon.



 : Apple CarPlay®
Displays the Apple CarPlay screen. The Apple CarPlay icon is displayed when a supported device connects to the system and the applicable function is enabled.(→ P.109)

 : Android Auto™
Displays the Android Auto screen. The Android Auto icon is displayed when a supported device connects to the system and the applicable function is enabled.(→ P.112)

 : HOME
Displays the Home screen.(→ P.29)

 : PHEV**1
Displays the vehicle charging settings screen.

 : Navigation
Displays the map screen. The navigation system can be operated to search for a destination or perform other navigation system-related tasks. (→ P.121)

* : If equipped

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



: Audio

Displays the audio control screen. The desired source can be selected to play audio. (→ P.168)



: Phone

Displays the phone screen. A cellular phone connected via Bluetooth® can be used to make hands-free phone calls. (→ P.206)



: Vehicle & Settings

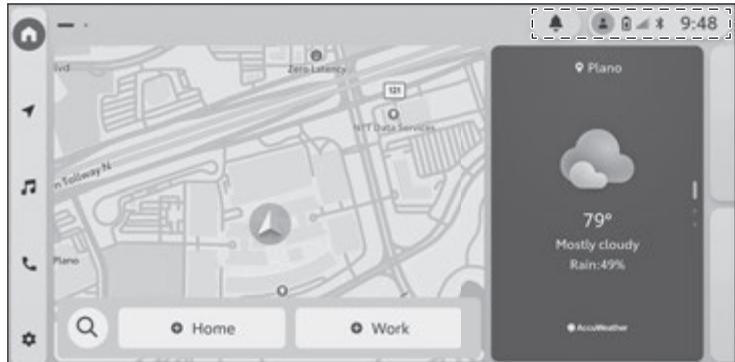
Displays the vehicle information*1/settings screen. Multimedia system and vehicle equipment related settings can be changed.

(→ P.63)

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

Status icons

The time and icons with information about communication statuses are displayed at the top of the screen.



9:48

Displays the current time.



The icon of the currently signed-in driver or the guest mode icon will be displayed.



Displays the status of sharing location data with the Toyota Center Server. This icon is grayed out if location information sharing is disabled on the privacy settings screen.



Displays when vehicle data sharing is disabled and data is not being shared with the Toyota Center Server. (→ P.51)



Displayed when voice data is shared with the Toyota Center Server. (→ P.51)



Displays Drive Recorder status.* ([→ P.283](#))



Displays the connection status of the cellular phone connected via Bluetooth®.



Displays the reception status of the Data Communication Module (DCM).*



Displays the Wi-Fi® reception level.



Displays the Wi-Fi® Hotspot connection status.*¹



Displays the reception level of the connected cellular phone.



Displays the remaining battery charge of the connected cellular phone.



Indicates there are unread messages in the notification center. Touch the icon to display the notification center. ([→ P.33](#))



The call time is displayed during a hands-free call outside of the phone screen. Touch the icon to display the call screen. ([→ P.226](#))



Displayed when the Parking Assist-Sensor is active.* Touch the icon to display the Parking Assist-Sensor screen.

* : If equipped

*1 : This function is not available in some regions.



If the vehicle is charging, the charging status is displayed.*



Displayed while talking to an operator.

INFORMATION

- The displayed remaining battery charge for the cellular phone may not match the display on the cellular phone. Additionally, the remaining battery charge may not be able to be displayed depending on the phone model.
- Bluetooth® connection may not be possible when the cell phone is behind or under the seat or when the cell phone is in contact with or covered by metal objects.
- If the cellular phone is set to power saving mode, the Bluetooth® connection may automatically be disconnected. If that happens, disable power saving mode on the cellular phone.

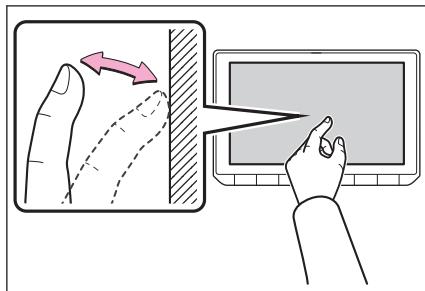
* : If equipped

Operating the touch screen

Operate the touch screen by directly touching it with a finger.

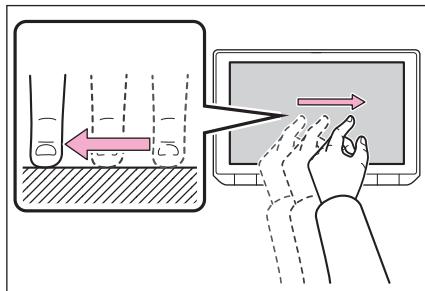
■ Touch

Gently touch the screen. You can select items on the screen.



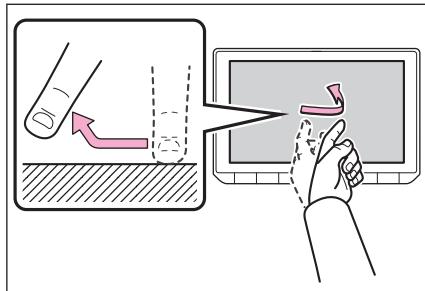
■ Drag

Move your finger while it is touching the screen. The list and map screens can be scrolled to the amount that the finger is moved.



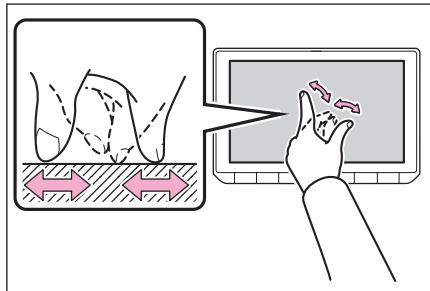
■ Flick

Quickly swipe your fingertip that touches the screen. The list and map screens are scrolled by larger amount than scrolls by dragging.



■ Pinch in/pinch out

Move two fingers in and out while touching the screen. You can zoom in and out on maps.



INFORMATION

- In order to operate some functions, it may be necessary to touch and hold or double tap (touch 2 times quickly) the screen.
- You can change the sensitivity level when touching the screen and whether or not to output a response sound when touching a button on the screen. (→ P.66)
- Flick operations may not work smoothly in high altitude areas.

Notes for operating the touch screen



INFORMATION

- If there is no response from the buttons on the screen, take your finger off the screen and try again.
- In the following situations, the screen buttons may not respond or malfunction:
 - If glove's are worn
 - If the screen is operated with a fingernail
 - If the screen is being touched with another finger or palm at the same time
 - Dirt or water is on the screen
 - If a plastic film or coating is on the screen
 - If the vehicle is near a TV tower, power plant, filling station, broadcast station, large display, airport, or any other place from which strong radio waves or noise emanates
 - When you are carrying or charging a portable wireless communication device, such as a radio or cellular phone, in the vehicle
 - If the screen is touched or covered with a metallic object

- If the system is started with a finger touching the screen, the screen buttons may not respond. Remove any fingers off the screen and try again. If the buttons are still not responding, turn off the power switch and restart the system.
- Apple maps and Google maps application on Apple CarPlay/Android Auto do not support pinch in/pinch out operation.

NOTICE

- To protect the screen, gently touch the screen with your finger when operating it.
- Do not operate the touch screen with anything other than your finger.
- Gently clean the screen with a glasses cleaning cloth or similar soft cloth. Touching the screen forcibly with your finger or a hard cloth may scratch the surface of the screen.
- Do not use benzine or an alkaline solution to clean the screen. Doing so may damage the screen.
- The screen surface may become hot depending on the conditions. If you keep touching it for a long time, it may cause low temperature burn.

Basic screen function

■ Searching a list

Scrolling/selecting the text on an index, displays the desired item from the list.



■ Turning the settings on or off

Selecting the toggle button beside an item turns the setting on or off.



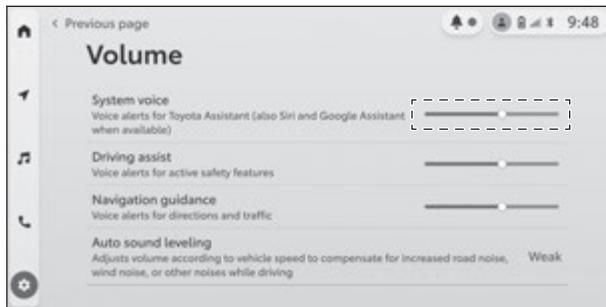
: On



: Off

■ Adjusting the level

Dragging the slider enables the level of the setting to be adjusted.



Volume

System voice
Voice alerts for Toyota Assistant (also Siri and Google Assistant when available)

Driving assist
Voice alerts for active safety features

Navigation guidance
Voice alerts for directions and traffic

Auto sound leveling
Adjusts volume according to vehicle speed to compensate for increased road noise, wind noise, or other noises while driving

Weak

9:48

Previous page

Home

Search

Settings

Entering letters and numbers

Letters and numbers can be entered by using the keyboard. Entering letters displays predictive text.

► Screen example



: Closes the keyboard and returns to the previous screen.



: Touch to move the text cursor.



: Deletes one character.



: Switches the keyboard.



: Toggles between uppercase and lowercase. Double tap to enable Caps Lock.

[Go] : Perform search based on input text.



: Changes to the numbers and symbols input mode.



ABC

: Changes to the alphabet text input mode.



: Starts voice control.*1



INFORMATION

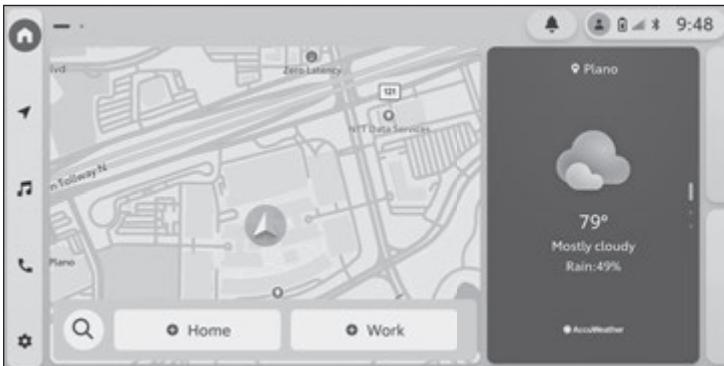
The displayed keyboard type differs depending on the feature.

*1 : This function is not available in some regions.

Home screen

A split-screen display can be used on the home screen to display various widgets, such as the map screen, audio and hands-free screen. Home screen can be scrolled left or right.

- Touch [] on the main menu.



INFORMATION

- 2 or 3 widgets can be positioned for simultaneous display on each screen of the home screen.
- Up to 3 screens of widgets can be placed on the home screen.

Widget

Selecting any range in the widget other than the operation buttons will display the respective function screen.

■ Navigation

Displays the map screen. During navigation, the system displays information such as the route to the destination, lane/turn-by-turn guidance, and estimated time of arrival.

■ Audio

Displays information about the audio being played. The media currently playing or the audio source can be switched.

[] : Displays the source selection menu.

■ Phone

Displays the favorites list or call history list. Touch a contact to display the contact details screen, where the contact can be called. If the Bluetooth® device is not connected, touch the widget to display the Bluetooth® connection settings screen.(→ P.78,83) If there is no favorites list or call history, touch the widget to display the hands-free screen.

■ Vehicle

Displays information related to the vehicle.

■ Weather^{*1*2}

Displays weather at the current location.

■ User Profile

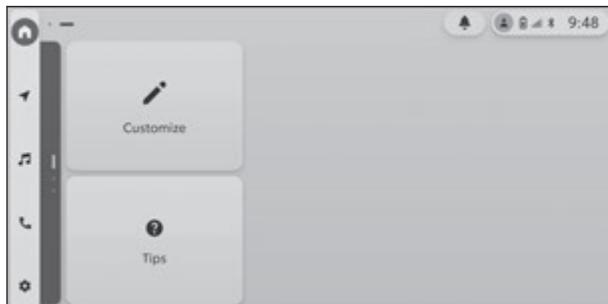
Set the user profile here. This will only appear if user profile is not set.

INFORMATION

- Depending on the information displayed by the widget, pages can be switched by swiping vertically.
- Touch [Tips] on the right end of the widget area to display the operation guide.
- If you touch an area outside of the control buttons within the widget, the screen for each function will be displayed.

Reorder widgets

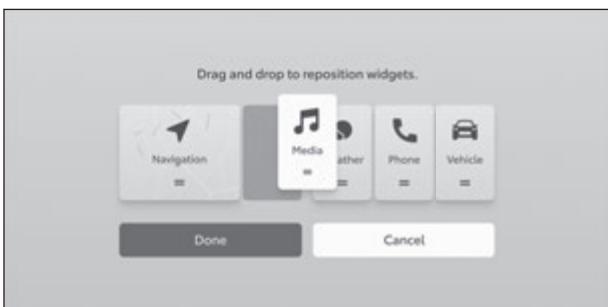
- 1 Press and hold any widget or touch [Customize] on the right page of the widget area.



*1 : It may require subscription.

*2 : This function is not available in some regions.

2 Press and hold the widget that you want to move and change its order.

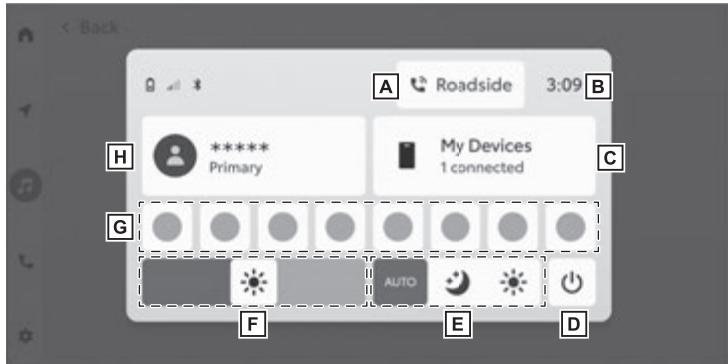


3 Touch [Done].

Quick control screen

On the quick control screen, various control buttons are displayed. Touch a button for quick access to the corresponding function.

- Touch the status bar to display the quick control screen.



- [A] Connect to roadside assistance.*1
- [B] Displays the current time. Touch to display the date & time setting screen.(→ P.67)
- [C] Manage connected Bluetooth devices.
- [D] Screen can be turned off.
- [E] Switch display theme between Auto Mode, Dark Mode and Light Mode.
- [F] Adjust display brightness.
- [G] Displays ON/OFF or setting of each function.
- [H] Switch or manage user profile.

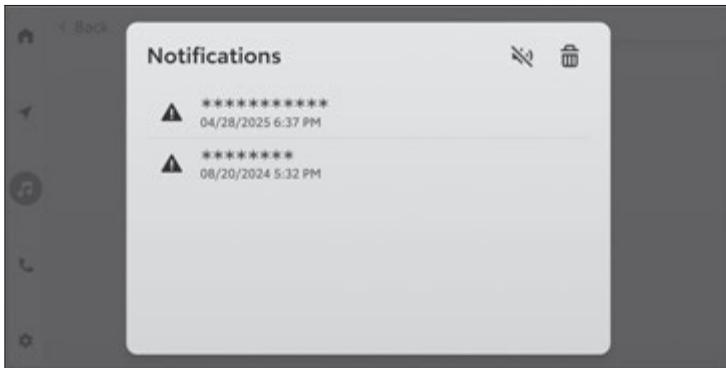
- Touch outside the quick control screen to close the quick control screen.

*1 : Only for vehicles equipped with DCM.

Notification center

In the notification center, notifications can be displayed or deleted.

- 1 Touch [] on the status bar or the notification banner.
- 2 Operate the notification center.



Touch the notification you want to check to see its contents.



: Notification sound can be muted.



: Notifications can be deleted manually.

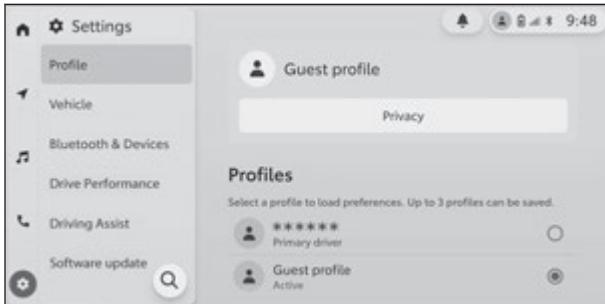
INFORMATION

- Notifications are sorted by type into normal notifications and response required notifications
- Response required notifications contain important messages for the vehicle, such as recall information.
- Normal notifications are deleted automatically when the power switch is turned off .
- Response required notifications are deleted when the notification expires or when deleted manually by the customer.
- It is possible to change the ON/OFF setting for notifications.

Using the search function

The keyboard can be used to search for contacts, music, locations, and vehicle settings. If using the Voice Assistant, a destination that takes advantage of content in the cloud can be searched.

- 1 Select the main menu for the genre you want to search.
- 2 Touch [].



- 3 Enter the search text and touch [Go].



If multiple conditions need to be specified, search by inserting a space between words.

- 4 When the list of search results is displayed, touch the desired item.

INFORMATION

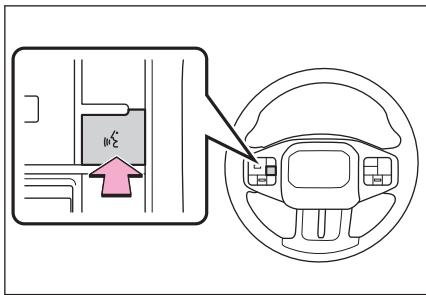
Keyboard search is not available when Apple CarPlay and Android Auto screens are active.

Starting Voice Assistant

Using the Voice Assistant enables the operation of the navigation system, audio, hands-free phone calls, and many other features with voice commands. Without the subscription^{*1}, voice commands that require network functionality will not be available.

Starting Voice Assistant with talk switch

- Press the [] switch (talk switch) on the steering wheel.

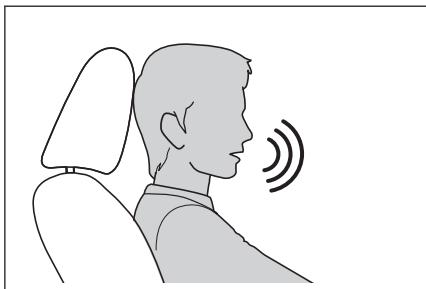


Starting Voice Assistant with the wake word

- Say "Hey, Toyota".

- The wake word can be turned on or off. (→ P.65)
- Use the wake word and then immediately issue a voice command.

Example : "Hey, Toyota". "Help".



About Voice Assistant

When you start Voice Assistant, the voice recognition interface will appear at the bottom of the screen.

*1 : This function is not available in some regions.



The voice recognition interface changes depending on the behavior of the Voice Assistant.



INFORMATION

- Voice controls can be done from the driver seat or passenger seat by activating the Voice Assistant system with wake word. In this case, voice commands from seats other than the system activating seat are not recognized.
- Some functions are not available for voice control from passenger seat.
- If the Voice Assistant was activated by the [] switch on the steering wheel or voice search button, voice controls can be performed only from the driver seat.
- The Voice Assistant may not recognize commands if they are not said clearly. Take note of the following points when using it:
 - Speak in a clear voice.
 - Close the window as commands may not be recognized properly due to noise (wind noise or external noise).
 - If the air conditioner fan speed is set to high, commands may not be recognized properly, so reduce the fan speed.
 - If music is being played loudly while a command is issued, that command may not be recognized, so lower the music volume.
 - Commands may not be recognized if several people speak at once.
- You can interrupt the voice prompt by saying a voice command.
- You can be reduced using the [Reduced responses] setting.
(→ P.65)
- You can adjust the volume of the voice prompts in the following ways:
 - Adjust the audio system volume during voice guidance. (→ P.168)

- Adjust the [System voice] on the [Volume] settings screen.
(→ P.64)

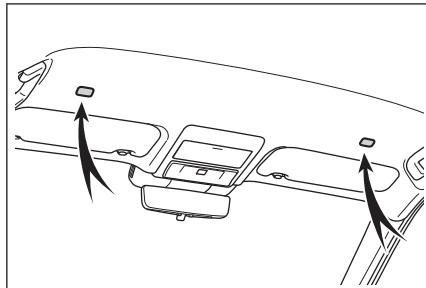
- If [Voice data sharing] on the [Privacy] settings screen is not permitted, some voice commands may not be available.(→ P.51)

Voice Assistant cloud subscription^{*1*2}

More voice commands become available with a subscription.

Microphones^{*3}

Microphones are installed on the driver's side and the passenger's side, respectively.



Supported languages

Languages that the Voice Assistant recognizes are English, French, and Spanish.

Stopping Voice Assistant

Voice Assistant can end with one of the following operations:

- Say "Cancel".
- Press the [] switch on the steering wheel.
- Touch the screen anywhere outside of the voice recognition interface.

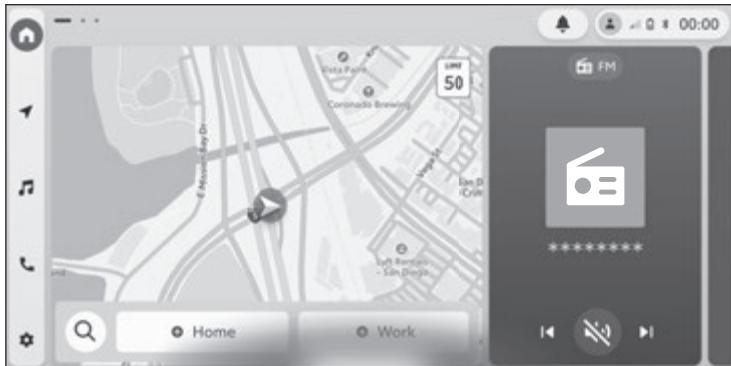
^{*1} : This function is not available in some regions.

^{*2} : Some features require an active user profile.

^{*3} : The microphone position may vary depending on the vehicle equipment.

Speaking a voice command

Say a voice command when the voice recognition interface appears.



INFORMATION

- Commands may not be recognized if said with an accent or non-standard phrasing.
- If the system does not recognize aliases or abbreviations when searching for place names and facilities, say the official name.

Check the voice commands list

Access a list of possible voice commands by doing one of the following:

- Using the voice command "Help".
- Selecting **[Voice commands]** in Voice Assistant settings.
(→ P.65)

User Profiles^{*1}

By linking a user profile, vehicle and multimedia settings can be saved as individual driver profiles and recalled when getting in the car. You can drive the vehicle without having to change the settings of other drivers in the case that multiple drivers, such as your friends and family, drive the vehicle.

- You can drive the vehicle in guest mode if you do not want to use a user profile.
- Up to three user profiles can be saved.
- When you save a profile it will load on every drive until you sign out.
 - Example of multimedia settings include Volume, Audio, Navigation, and Phone.
 - For some vehicles air conditioning and multi-information display information can be saved.
- Vehicle settings are automatically saved to the current profile when they are changed.
- Search history, individual settings, and other private information can be protected by setting up a profile.

Automatically loading a user profile

- Taking a device such as a smart key and smartphone to identify the driver enables the user profile to be automatically loaded. You can select a device such as a smart key and smartphone as the device to identify the driver. (→ P.53)
- The vehicle detects the device registered in the profile when the power switch is turned to ACC or ON. When a registered device is detected, the profile that the device is assigned to is automatically loaded.
- If the device registered in the profile is not detected, the vehicle is used in guest driver mode.
- In case you prefer to load the profile without these devices, you can configure system to load last active profile. (→ P.49)

*1 : This function is not available in some regions.



INFORMATION

Among the Bluetooth® devices registered to a user profile, only the device associated with the most recent driver will be recognized. Depending on the Bluetooth® device's usage conditions, driver identification may be delayed or may not occur before the vehicle is started. For improved reliability, it is recommended to register a smart key in addition to Bluetooth® devices.

Linking to a Toyota account

- An active Toyota account is required to use a profile.
- Linked profiles are saved in the cloud, so even if a profile is deleted in the vehicle, it is not deleted from the cloud.
- By using the Toyota app and linking to a Toyota account, a profile can be loaded from the cloud in any vehicle.
- The same profile cannot be used in another vehicle at the same time.
- Changing some multimedia settings automatically updates the profile saved in the cloud and a screen notifying the driver that the profile has been updated appears.
- User profile portability from vehicle to vehicle may not be available in the regions other than the U.S. 48 States.

Linking a User Profile for the first time

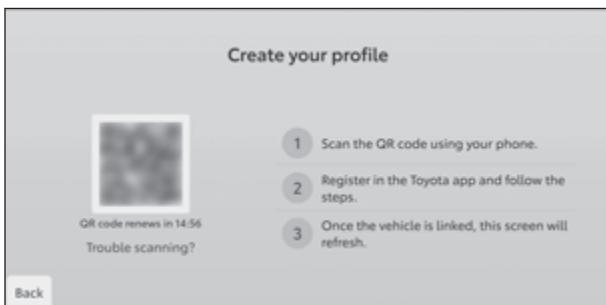
Linking a user profile for the main user as the initial setup for the multimedia system.

1 After starting the vehicle, the welcome screen will be displayed. Touch [Create profile].



- Can change the language by touching [**English**].
- If you do not want to link a profile, touch [**Set up later**]. If you touch [**Do not ask me again**], the profile linking screen will no longer be displayed.

2 To use the Toyota app on a smartphone to link a profile, scan the QR code with your phone's camera.



3 Start the Toyota app and follow the instructions.

- If you have trouble scanning the QR code, select [**Trouble scanning?**] on the screen to show the 8-digit authentication code. Enter the code in the app to link your vehicle.
- Once linking is complete, a message is displayed and your profile is saved.

4 Complete setup to enable the subscription or trial in the Toyota app and touch [**Next**].

- If you want to automatically load profiles saved in this vehicle when the vehicle is started, turn [Automatically load saved profiles] ON.

5 Follow the on-screen instructions to complete the initial set-up of the multimedia system. When all settings are complete, touch [Finish].



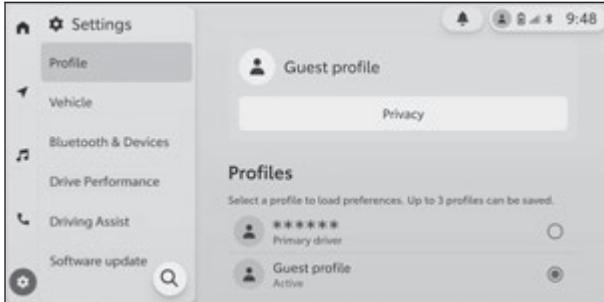
INFORMATION

- If you log in as a guest without linking your user profile, the data transmission consent screen may be displayed. Please review the explanation shown on the screen and touch [Accept] or [Decline].
- If your user profile is not linked, you can restart this process by selecting [Let's get you set up] on the "Profile" screen. (→ P.49)

Changing the User Profile

You can select the profile that you want to use from the list of saved users in the vehicle.

- 1 Touch [] on the main menu.
- 2 From "Profiles", select the user profile name that you want to change to.



- 3 Enter the PIN code.

- Enter the PIN code set on the Toyota app when the Toyota account was created.
- PIN code is not required if a Bluetooth® device is linked to the user profile as an identification device.
- Once the user profile has changed, a message is displayed on the screen.



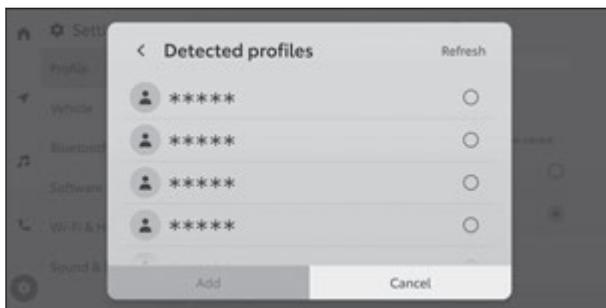
INFORMATION

If the system detects a device set to another user profile, a pop-up message will appear. Touching the pop-up area will enable the user profile to be changed.

Loading detected profile

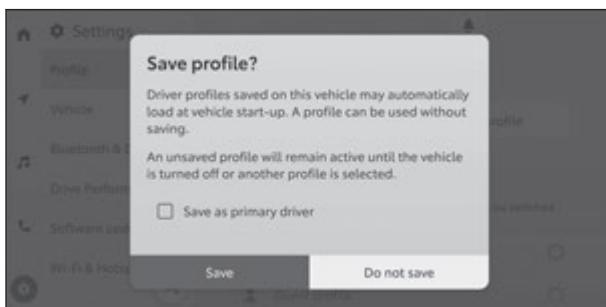
If the system detects a Toyota app on a smartphone that another driver is using, the detected profile name will appear on the screen. Touch the profile name desired to be used and enter the PIN code to change the profile.

- 1 Touch [] on the main menu.
- 2 Touch [Add a profile].
- 3 Make sure to turn on Bluetooth® on your device, sign in to the Toyota app, and then touch [Continue].
- 4 From [Detected profiles], select the user profile name that you want to change to, and touch [Add].



Touch [Refresh] to update the profile list.

- 5 Enter the PIN code, touch [Enter].
 - Enter the PIN code set on the Toyota app when the Toyota account was created.
 - PIN code is not required if a Bluetooth® device is linked to the user profile as an identification device.
 - Once the profile has changed, a message is displayed on the screen.
- 6 To save the profile in the vehicle, touch [Save].



- The loaded profile can be saved in the vehicle as a primary driver or a secondary driver.
- If you do not want to save the profile on this vehicle, you can use it temporarily until the vehicle is turned off or another profile is selected.

Removing saved profiles

The driver settings linked to the vehicle can be removed by performing one of the following operations.

Removing saved profiles from the profile list

- 1 Touch [⚙] on the main menu.
- 2 From "Profiles", select the user profile name that you want to remove.
- 3 Touch [Remove a profile].

The saved profile that was selected will be removed from the vehicle.

Removing saved profiles from profile recognition settings

- 1 Touch [⚙] on the main menu.
- 2 From "Profiles", select the user profile name that you want to remove.
- 3 Touch [Profile recognition].
- 4 Touch [Remove profile].

The saved profile that is currently being used will be removed from the vehicle.



INFORMATION

- When the driver linked as the primary driver of the vehicle is removed, all of the other saved profiles are removed.
- The driver linked as the owner can remove all of the other saved profiles from the vehicle.

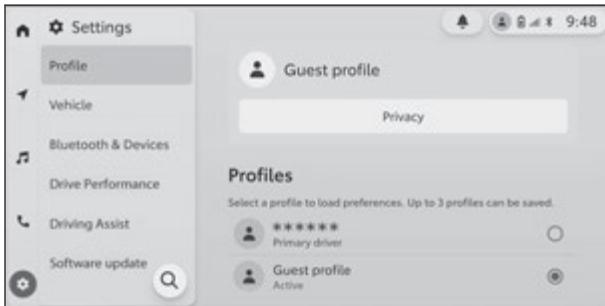
Drivers other than the owner of the vehicle cannot remove the saved profile of the owner.

Changing the various settings

The various settings related to the multimedia system and the vehicle equipment can be changed.

1 Touch [] on the main menu.

2 Select the desired item.



Setting	Description
[Profile]/[System]	Displays the name of the current user profile. Touching the profile enables you to change or link a user profile. (→ P.49)
[Vehicle] ⁽¹⁾	Change settings related to vehicle.
[Bluetooth & Devices]	Register or edit a Bluetooth® device. (→ P.89)
[Drive Performance] ⁽¹⁾	Change function settings related to the drive mode and driving performance.
[Driving Assist] ⁽¹⁾	Change function settings related to the Parking Assist-Sensor and other driving support.
[Software update]	Check and update software information. (→ P.57)
[Drive Recorder]	Can manually start recording with the drive recorder, play back recorded footage, and change various settings related to the drive recorder. (→ P.282)
[Wi-Fi & Hotspot]	Change settings for Wi-Fi® & Wi-Fi® Hotspot. (→ P.102,104)
[Sound & Media]	Change the sound and media settings. (→ P.174)
[Displays & Camera]	Adjust the screen contrast and brightness, etc. (→ P.61)

1-4. Various settings

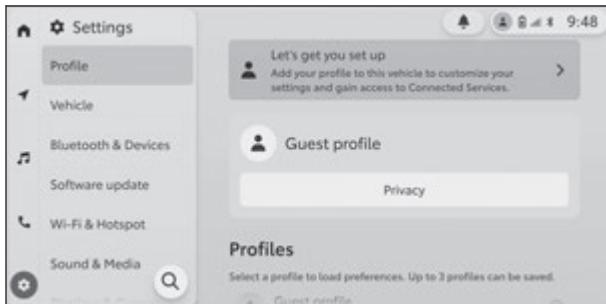
Setting	Description
[Navigation]	Change settings related to map display and route guidance. (→ P.159)
[General]	Change the time settings, display language, and other general multimedia settings. (→ P.63)

(1) Refer to "OWNER'S MANUAL".

Changing and linking a User Profile^{*1}

The user profile can be linked or changed. By linking a user profile, multimedia settings, and various other individual vehicle settings can be saved as a profile for each driver.

- 1 Touch [] on the main menu.
- 2 Touch [Profile] on the sub menu.
- 3 Select the desired item.



Setting	Description
[Let's get you set up]	If the primary user profile has not been saved, profile linking will start.(→ P.41)
User profile name / [Guest profile]	<p>Displays the name of the current user profile. Touch [Privacy] to display the privacy screen. (→ P.51)</p> <p>When a profile is not saved in the vehicle, [Save profile] is displayed. Touch this button to save the profile.⁽¹⁾</p> <p>When a profile is saved in the vehicle, [Profile recognition] is displayed. Touch this button to display the profile recognition settings screen, where you can set up the device for driver recognition.⁽¹⁾(→ P.53)</p>

*1 : This function is not available in some regions.

Setting	Description
"Profiles"	<p>The saved user profiles on the vehicle are displayed in a list. Touch the profile you wish to use and enter the PIN code to change the profile.</p> <p>Touch [Guest profile] to sign out of the current user profile and switch to guest mode. This feature can be used for valet to protect personal information. Values of the driver settings other than search history and personal settings will be carried over to the driver setting of the guest.</p>
[Add a profile]	Displays the detected profiles screen. Touch the profile name that desired to be used and enter the PIN code to change the profile. (→ P.44)
[Remove a profile]	The selected user profile will be removed from the vehicle. (→ P.46)
[Reset current driver settings]	Some multimedia settings for the selected user profile will be reset.
"System preferences"	
"Reload the last active profile"	Set whether the last active profile stored in this vehicle should be automatically loaded when the vehicle is started.
[System reset]	<p>Initialize all data in multimedia system, including stored user's profile and its personal information to factory settings.</p> <p>To protect your personal information, be sure to initialize your vehicle before transferring or selling it.</p> <p>Once initialized, the data cannot be restored to the state before initialization.</p>

(1) Not displayed in guest mode



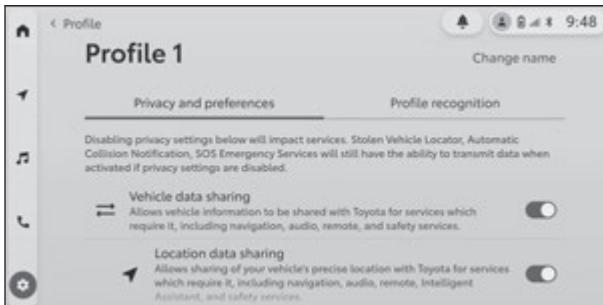
INFORMATION

- Communication may be cut off after resetting the system. In that case, restart the system. (→ P.16)
- Even if you initialize the multimedia system, the fault analysis log will not be deleted. This log may contain personal information such as location information. To delete the log, please contact your Toyota dealer.

Changing the privacy settings

Settings related to privacy can be changed.

- 1 Touch [] on the main menu.
- 2 Touch [Profile] on the sub menu.
- 3 Touch [Privacy].
- 4 Select the desired item.



Setting	Description
"Vehicle data sharing" ⁽¹⁾	Sets whether to allow the vehicle data transmission when using the communication service. Turning the setting off will disable all services that transmits vehicle data, including the services using location, voice, video information which are controlled individually in following options below. Even if you set it to OFF, you cannot turn off the transmission of some functions outside the vehicle, such as emergency calls.
"Location data sharing" ⁽¹⁾	Sets whether to allow the transmission of location information when using the communication service. Turning this setting off will disable some services that use location information.
"Voice data sharing" ⁽¹⁾	Sets whether to allow the transmission of voice information when using the communication service. Turning this setting off will disable some services that use voice information.
"External video sharing" ⁽¹⁾	Sets whether to allow the transmission of vehicle's external video information when using the communication service. Turning this setting off will disable some services that use vehicle's external video information.

1-5. Profile settings

Setting	Description
[Third-party data management]	Scanning the QR code, you can change the settings on the web or in the app as to whether or not personal information sent from the multimedia system to the Toyota server will be further sent to a third-party company's server.
[Terms of Use and Privacy Notice]	Scanning the QR code, you can view the terms of use and privacy notice on the website.
[Remove profile]	The selected user profile will be removed from the vehicle.

(1) This function is not available in some regions.



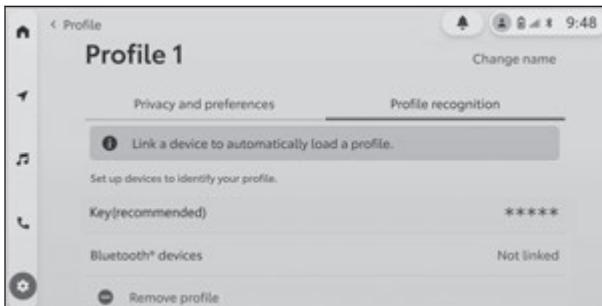
INFORMATION

Settings for sending data outside the vehicle, including personal information, are saved per user profile.

Changing the profile recognition settings

Set a device in order to identify a driver. When the vehicle is started and a registered device is detected, the profile that the device is assigned to is automatically loaded. You can select a smartphone and smart key as the device to be registered.

- 1 Touch [] on the main menu.
- 2 Touch [Profile] on the sub menu.
- 3 Touch [Profile recognition].
- 4 Select the desired item.



Setting	Description
User profile name	The name of the user profile is displayed. Touch [Change name] to change the profile name.
[Key (recommended)] ⁽¹⁾⁽²⁾	Driver identification is performed using the vehicle's smart key and the applicable profile is loaded. Please perform the registration operation with only the key you want to register left in the car. If you perform the registration operation when there are multiple keys in the car, you will not be able to register the keys. Please do the same when registering multiple keys. If you delete a key registration, all registered keys will be deleted.

Setting	Description
[Digital key] ⁽¹⁾	<p>Please perform the registration operation with only the digital key you wish to register inside the vehicle. If you attempt to perform the registration operation with multiple digital keys inside the vehicle, the key registration will not be possible. Follow the same procedure when registering multiple digital keys. Digital key(s) registered and allocated to other driver(s) cannot be registered.</p> <p>As when the vehicle's electronic key is detected earlier than a registered digital key the detection of the digital key will be stopped, it is recommended to register both the electronic key and digital key.</p> <p>Registration may fail depending on the communication conditions. If this occurs, please try registering again.</p> <p>Depending on the model of your smartphone, you may not be able to register.</p>
[Face recognition] ⁽¹⁾	<p>Driver identification is performed using a face and the applicable profile is loaded. Touch [Set up] to register. (→ P.55)</p> <p>To delete the registered face information, touch [Remove].</p>
[Bluetooth® devices]	<p>Driver identification is performed using a smartphone or other Bluetooth® device and the applicable profile is loaded. Touch [Not linked] to register. (→ P.87)</p> <p>Registration may fail depending on the communication conditions. If this occurs, please try registering again.</p> <p>Depending on the model of your smartphone, you may not be able to register.</p>
[Remove profile]	The selected user profile will be removed from the vehicle. (→ P.46)

(1) Refer to "OWNER'S MANUAL".

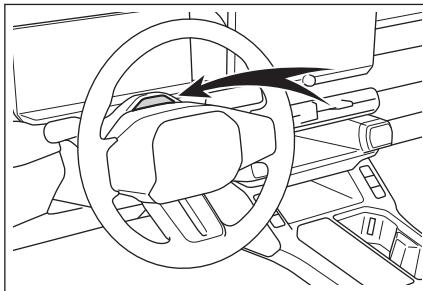
(2) Cannot be used with fleet vehicles such as rental cars.

* : If equipped

Registering face identification*

Face identification enables the system to identify the driver.

- 1 Touch [] on the main menu.
- 2 Touch [Profile] on the sub menu.
- 3 Touch [Profile recognition].
- 4 Touch [Set up].
- 5 Carefully read the Terms of Service and touch [Accept].
- 6 Look directly at the driver monitor camera, ensure only your face is being displayed, and then touch [Save].



7 The system will start scanning your face.

- Once registration is complete, a message is displayed on the screen.
- If an error message appears, follow the on-screen instructions and try again.

* : If equipped

Troubleshooting

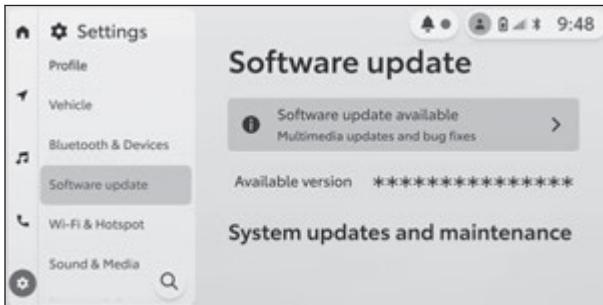
If there is a problem with the user profile function, first check the table below.

Problem	Likely cause	Solution
Unable to load saved profile	System is not loading the previously saved profile.	Turn the Bluetooth® setting on and ensure the device is paired with the system and set as primary device.
Unable to load saved profile with Bluetooth® setting turned on		Ensure Bluetooth® setting is turned on and Toyota app is running on device.
Forgot PIN	PIN needs to be reset.	PIN can be reset using the Toyota app.
Unable to add a Bluetooth® device to a profile	System does not accept the Bluetooth® device thus preventing you to add the device to your profile.	Verify your device is not associated with other driver's profile.
Unable to detect profile	System does not show the profile in the detected list.	Verify your device's Bluetooth® setting is on and Toyota app is running on your device.
Unable to generate QR / authorization code	System is not loading your QR code or manual authorization code.	Verify that car is in good network area and DCM connection is active.
Failed to complete registration	QR and manual authorization code are valid for a limited time of few minutes.	Restart registration process by going back previous screen to get a new QR code / manual authorization code.

Updating and checking the software information^{*1}

Check and update software information.

- 1 Touch [] on the main menu.
- 2 Touch [Software update] on the sub menu.
- 3 Select the desired item.



Setting	Description
"Software update"	
[Software update available]	Touch [>] to check software update information. After checking whether there is an update available and the content of the update, the updated data can be downloaded and software update can be installed. If there is no updated data available, [>] will not be displayed.
"Available version"	Check the available software version.
"System updates and maintenance"	
[Sub-system software versions]	Check the Sub-system's software information.
[Update history]	Check the software update history and update contents. This setting will not be displayed if there is no update history.
"Settings"	

*1 : This function is not available in some regions.

Setting	Description
[Pop-up message]	Turn software update notifications on or off. Even if you turn this setting off, important notifications may still be displayed.
[Automatic download]	<p>Set whether to automatically start updates ON or OFF. When this setting is ON, downloading will start automatically if an update is available.</p> <p>To turn this setting ON, you must agree to the terms and conditions that are displayed on the screen.</p> <p>Even if this setting is ON, if the update content is important, a confirmation screen may be displayed before downloading begins.</p>
"Multimedia system information"	
[Multimedia part information]	Check the current software version, etc.
[Software license]	Check the software license information.

Updating the software

Software updates are performed using the Data Communication Module (DCM)* or Wi-Fi®.

INFORMATION

- This system regularly accesses the distribution server to check for software updates.
- Map data cannot be updated using this service.
- Some operations cannot be performed while the software is updating.
- The time it takes to download and install may vary depending on the communication environment and the content of the update. If you turn the power switch off during download or installation, the download or installation will resume the next time you turn the power switch to ACC or ON.
- If critical update data is available on the distribution server, a message will be displayed. You can download the updated data by touching the displayed button.

* : If equipped

- The following conditions must be met to use Wi-Fi® to update the software:
 - The Wi-Fi® function is turned on.
 - The vehicle must be in a location where it can access Wi-Fi®.
 - The system must be connected to a Wi-Fi® access point (e.g. home, work, etc.)
- If there are any questions, contact your Toyota dealer.

▲ WARNING

Always park the vehicle in a safe place before performing the "Activate" software update process. The vehicle will be immobilized for up to 3 minutes, which may prevent it from being able to respond to unexpected situations and accidents.

▲ NOTICE

- Update the software at your own risk.
- The software cannot be restored to the previous version once the software has been updated.
- The update software can only be used on this system. It cannot be used on any other device.
- Depending on the content of the software update, some settings may be reset. If that happens, reconfigure the applicable settings after the software has been updated.
- Although basic functions are possible during the software update, operation may be slow. If possible, do not operate the system.
- After the software is updated, the distribution server will be automatically notified that the update has completed.

Updating software from the update notification

- 1 **Touch the button in the software update notification.**
- 2 **Follow the on-screen instructions to check and agree to the update content and terms.**
 - Downloading of the update data will start. Once the data has been downloaded, installation will begin.
 - After the software installation is complete, you may need to go through the "Activate" process. Follow the instructions on the screen to activate the software.

- Once the update is complete, a message is displayed on the screen.

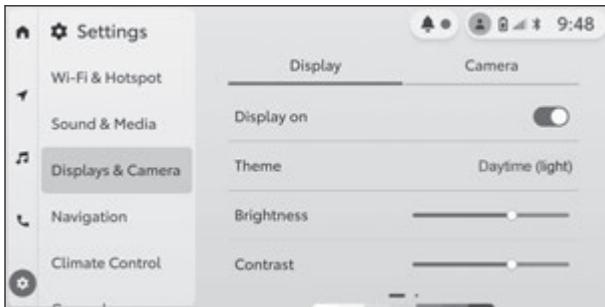
Updating software from the settings screen

- 1 Touch [] on the main menu.
- 2 Touch [Software update] on the sub menu.
- 3 Touch [Software update available].
- 4 Follow the on-screen instructions to check and agree to the update content and terms.
 - Downloading of the update data will start. Once the data has been downloaded, installation will begin.
 - After the software installation is complete, you may need to go through the "Activate" process. Follow the instructions on the screen to activate the software.
 - Once the update is complete, a message is displayed on the screen.

Changing the screen display settings

The screen contrast and brightness can be adjusted.

- 1 Touch [] on the main menu.
- 2 Touch [Displays & Camera] on the sub menu.
- 3 Select the desired item.



● [Display]

Setting	Description
[Display on]	<p>Set whether to turn the screen display on or off. If the screen is turned off, nothing will be displayed on the screen and only audio will be played.</p> <p>To display the screen again, touch the screen and touch the unlock button in the center of the screen.</p>
[Theme]	<p>Set the screen theme to either light or dark mode or automatic.</p> <p>When [Automatic] is turned on, automatically change the screen to light or dark mode in accordance with whether the headlight is turned on or off.</p>
[Brightness]	Adjust the screen brightness.
[Contrast]	Adjust the screen contrast level.

(1) Depending on the situation such as while parking, light or dark mode may not be changed automatically.

● [Camera]

1-7. Screen settings

Setting	Description
[Brightness]	Adjust the camera screen brightness.
[Contrast]	Adjust the camera screen contrast level.

INFORMATION

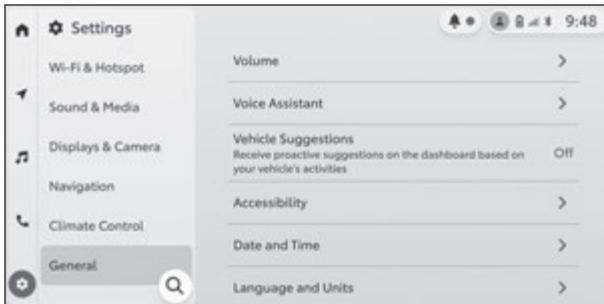
When the screen is turned off:

- The system will continue to operate as intended.
- The screen may turn on temporarily, such as when you press the talk switch on the steering wheel or when the shift position is shifted to R.
- You can touch the screen and tap the unlock button in the center to display the screen again.

Changing general settings

The time settings, display language, and other general multimedia system settings can be changed.

- 1 Touch [] on the main menu.
- 2 Touch [General] on the sub menu.
- 3 Select the desired item.

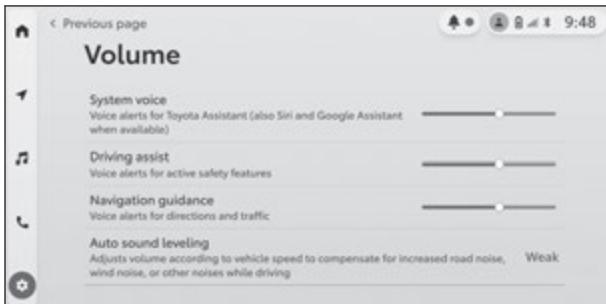


Setting	Description
[Volume]	Adjust the volume of each function and change the Auto sound leveling settings. (→ P.64)
[Voice Assistant]	Change setting for Voice Assistant. (→ P.65)
[Vehicle Suggestions]	Change the settings for turning the suggestion service on or off.
[Accessibility]	Change the settings for turning the operation sound on or off when the screen is touched, as well as the screen's touch sensitivity. (→ P.66)
[Date and time]	Change settings for time and date display. (→ P.67)
[Language and units]	Change the language and display unit settings. (→ P.68)
[Clear search history]	Delete the keyboard search history.

Changing the volume settings

Adjust the volume of each function and change the auto sound leveling settings.

- 1 Touch [] on the main menu.
- 2 Touch [General] on the sub menu.
- 3 Touch [Volume] on the main area.
- 4 Select the desired item.

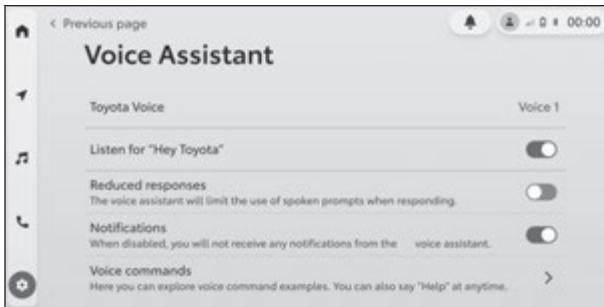


Setting	Description
[System voice]	Adjust the system volume.
[Driving assist]	Adjust the volume of the driving support systems.
[Navigation guidance]	Adjust the volume of the voice for directions and traffic.
[Automatic sound leveling]	<p>Type A : Automatically adjust for volume based on the vehicle speed.</p> <p>Type B : The level to automatically adjust the audio volume according to the vehicle speed while driving can be set.</p> <p>Compared to the [Low] setting, the [High] setting increases the volume more and brings it to an optimal level for high speed driving.</p>

Changing the Voice Assistant settings

The settings related to the Voice Assistant can be changed.

- 1 Touch [⚙] on the main menu.
- 2 Touch [General].
- 3 Touch [Voice Assistant] on the main area.
- 4 Select the desired item.

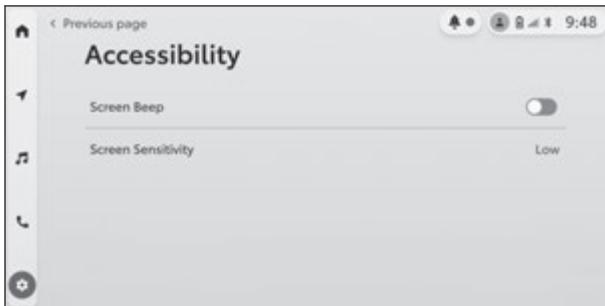


Setting	Description
"Voice Assistant"	
[Toyota Voice]	The voice of Voice Assistant can be changed.
[Listen for "Hey Toyota"]	Voice Assistant can be started by speaking the wake word.
[Reduced responses]	Voice Assistant will limit the use of spoken prompts when responding.
[Notifications]	Notifications from Voice Assistant can be set ON/OFF.
[Voice commands]	You can explore voice command examples. Voice command examples can also be displayed using the "Help" voice command.

Changing the accessibility settings

Change settings such as reducing screen animations and turning on/off the sounds that are heard when you touch the screen.

- 1 Touch [] on the main menu.
- 2 Touch [General] on the sub menu.
- 3 Touch [Accessibility] on the main area.
- 4 Select the desired item.



Setting	Description
[Screen beep]	Turn the sound that is made when you touch the screen on or off.
[Screen sensitivity]	Adjust the screen touch sensitivity.

Changing the date & time settings

Change settings for time and date display.

- 1 Touch [] on the main menu.
- 2 Touch [General] on the sub menu.
- 3 Touch [Date and time] on the main area.
- 4 Select the desired item.



Setting	Description
[Set date and time automatically]	Use GPS information and map data to automatically set the time. Turning this setting off will enable you to set the time and time zone manually.
[Date format]	Change the date display format. (mm/dd/yyyy, dd/mm/yyyy, yyyy/mm/dd, etc.)
[24-hour time]	Change between 24-hour and 12-hour time display.
[Time zone]	When [Set date and time automatically] is turned off, you can set the time zone.
[Daylight Saving Time]	When [Set date and time automatically] is turned off, you can set daylight saving time to [Automatic], [On] or [Off].
[Set time automatically]	When [Set date and time automatically] is turned off, you can decide whether to set the time automatically using GPS. Turning this setting off will enable you to set the time manually.
[Set time manually]	When [Set time automatically] is turned off, you can manually set the time.

Changing the language & units settings

Change the language and display unit settings.

- 1 Touch [] on the main menu.
- 2 Touch [General] on the sub menu.
- 3 Touch [Language and units] on the main area.
- 4 Select the desired item.



Setting	Description
[Language]	Change languages. Both the language displayed on the screen and system voice language change.
"Measurements"	
[Set automatically]	Automatically sets the display units for distance, and so on.
[Distance]	When [Set automatically] is turned off, you can manually set the distance display unit.
[Trip Info Unit]	When [Set automatically] is turned off, you can manually set the fuel economy display unit.
[Tire Pressure]*	When [Set automatically] is turned off, you can manually set the tire pressure display unit.
[Temperature]	It will automatically switch between °C or °F based on your location. It cannot be changed manually.

* : If equipped

 **INFORMATION**

Set the Apple CarPlay/Android Auto language using the connected device.

Changing the security settings

Settings related to security can be changed.

- 1 Touch [] on the main menu.
- 2 Touch [Vehicle] on the sub menu.
- 3 Touch [Security].
- 4 Select the desired item.



Setting	Description
"Security"	
[Vehicle name]	Displays the system name (vehicle name). This is the device name displayed when searching for a Bluetooth® device from an external device. You can change the name by touching it.
[2-press unlock] (1)	Change setting for the door unlocking method.
[Security sensor]⁽¹⁾	Change setting for interior car sensor on or off.
[Security lock]	Enables the password-protected privacy lock to protect personal information. When set ON, entering the password will be required when the 12-volt battery is replaced or the multimedia system is removed from the vehicle.
[Reset security lock password]	Resets the set privacy lock password.

(1) Refer to "OWNER'S MANUAL".

* : If equipped

Setting up the security lock

- 1 Touch [] on the main menu.
- 2 Touch [Vehicle] on the sub menu.
- 3 Touch [Security].
- 4 Touch [Security lock].
- 5 Touch [Confirm].
- 6 Set a password that contains between 4 and 15 alphanumeric characters.
- 7 Reenter your password.

A message will appear and the privacy lock is enabled.

INFORMATION

- After a password is set, if the system is reset after the 12-volt battery is replaced or the multimedia system is removed from the vehicle, a password to operate the multimedia system needs to be entered. Enter the password that you set.
- If the password is entered incorrectly a certain number of times, you will no longer be able to enter a password. If that happens, ask your dealer to unlock the system or reset it by touching [System reset].
- To ensure security, do not repeatedly use the same password or a word that can be found in the dictionary when setting a password.
- To create a secure password that is difficult to guess, we recommend using a combination of numbers, uppercase and lowercase letters, and ensuring that the password is at least 8 characters in length.

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Precautions when using Bluetooth® devices

Pay special attention to the following information when using a Bluetooth® device on the multimedia system.



INFORMATION

- The vehicle uses Bluetooth® communications on the 2.4GHz frequency band. Performance may vary depending on various factors.
- Simultaneous use of Wi-Fi® using the same 2.4GHz band wireless communication as Bluetooth® could cause mutual interference.
- Mutual interference between Bluetooth® and Wi-Fi® could cause issues such as garbled video, audio skipping, or reduced communication speed. The effect of interference will be reduced if a Bluetooth® device is connected. If a Bluetooth® device has been registered, connecting with the registered device could improve this issue. The connection of a Bluetooth® device can be checked with by the status icon on the multimedia system screen.(→ P.20)
- Using a Bluetooth® cellular phone simultaneously with a wireless device could negatively affect communication for each.
- Apple CarPlay cannot be used concurrently with 5Ghz Wi-Fi Hotspot.
- The simultaneous use of a Wi-Fi® function and Bluetooth® device that use the same 2.4GHz band for wireless communication could negatively affect communication for each. Turning off the Wi-Fi® function may allow for use without issue.
- Connecting a Bluetooth® device via Bluetooth® will cause the battery of the cellular phone to deplete rapidly.
- Bluetooth® connections will be disconnected during emergency calls. Any disconnected Bluetooth® devices will be reconnected once the emergency call is finished.

⚠ WARNING

- For safety, the driver should not operate the cellular phone itself while driving when using hands-free calling.
- Stop the vehicle in a safe location prior to calling. If a call is received while driving, be sure to drive safely and keep the call short.

▲ NOTICE

- Do not use a Bluetooth® device near the multimedia system. Coming too close could worsen sound quality or the connection.
- Do not leave a cellular phone inside the vehicle. The inside of the vehicle can become hot, which could cause the cellular phone to malfunction.

■ Users with pacemakers or other electrical medical devices

Observe the following precautions with regard to radio waves during Bluetooth® communication.

▲ WARNING

- The vehicle antenna for Bluetooth® communication is built into the multimedia system.
- 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.

■ When used simultaneously with Bluetooth® audio

- The following behaviors will occur if a Bluetooth®-compatible device (cellular phone) is used hands-free and simultaneously with Bluetooth® audio.
 - The Bluetooth® connection of the cellular phone may be disconnected.
 - There is possibility that background noise may exist during a hands-free phone call.
 - Hands-free call operation may lag.
- Audio may skip if the communication device selected for hands-free calling is changed during Bluetooth® audio playback.

- It may not be possible to make both a hands-free connection and audio connection, even for cellular phones that support both hands-free connections and audio connections.
- For a list of specific devices which operation has been confirmed on multimedia system, check with your Toyota dealer or the following website: <https://www.toyota.com/connected-services/> in the United States, <https://www.toyota.ca/toyota/en/about/connected-services> in Canada, and <https://www.toyotapr.com/serviciosconectados> in Puerto Rico.

Bluetooth® specifications and compatible profiles

The multimedia system supports the following specifications and compatible profiles. Operation is not guaranteed for all Bluetooth® devices.

■ Supported Bluetooth® specifications

Bluetooth® Core Specification Ver. 5.2

■ Compatible profiles

Profile	Description	Supported Version
HFP (Hands Free Profile)	This is a profile to allow hands-free phone calls using a cellular phone. It has outgoing and incoming call functions.	Ver.1.8
PBAP (Phone Book Access Profile)	Profile for synchronizing data such as contact data and call history.	Ver.1.2.3
MAP (Message Access Profile)	This is a profile to use phone message functions.	Ver.1.4.2
SPP (Serial Port Profile)	<ul style="list-style-type: none">● Profile for converting Bluetooth®-equipped devices as virtual serial ports● Profile for linking smartphones	Ver.1.2
A2DP (Advanced Audio Distribution Profile)	This is a profile to transmit stereo audio or high quality sound to the audio system.	Ver.1.3.2

Profile	Description	Supported Version
AVRCP (Audio/Video Remote Control Profile)	Profile for controlling audio remotely.	Ver.1.6.2

Registering a Bluetooth® device

A cellular phone or portable device must be registered in order to use hands-free calling or Bluetooth® audio. Once registration is complete, Bluetooth® will automatically be connected each time the multimedia system is started.

When Apple CarPlay/Android Auto is connected, the device will be automatically registered.

If no Bluetooth® device is connected, the registration screen can also be displayed by pressing and holding the [] switch on the steering wheel.



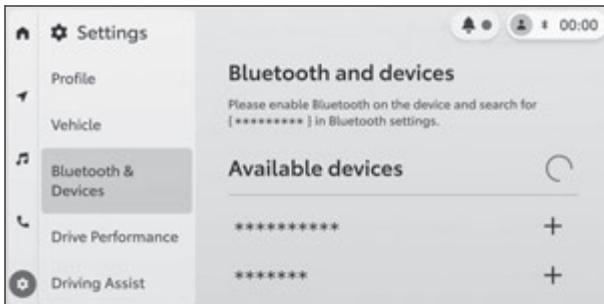
INFORMATION

- A cellular phone can be registered as both a hands-free phone and Bluetooth® audio device.
- Up to 5 Bluetooth® devices can be registered. However, a maximum of 2 devices can be used as a hands-free phone. Driver identification is required to connect 2 hands-free phones. (→ P.49)
- Refer to the Bluetooth® device's instruction manual for information on how to operate the Bluetooth® device.
- Registration will need to be repeated once for each Bluetooth® device if multiple Bluetooth® devices will be used.
- A passcode is a verification code used when registering a Bluetooth® device to the multimedia system.
- Dialing may be locked out after connecting, depending on the cellular phone settings. Cancel the auto lock function on the cellular phone before use.
- If another device is registered while connected to a cellular phone or portable device, the connection to the portable device or cellular phone playing audio will be disconnected.
- For safety reasons, devices cannot be registered while driving.
- If Bluetooth® device registration cannot be completed, restart the Bluetooth® device.

Registering from multimedia system

- 1 Touch [] on the main menu.

- 2 Touch [Bluetooth & Devices] on the sub menu.
- 3 Touch [Add a device].
- 4 Touch the device to register on the main area.



If any devices can be registered, the device names are displayed on the main area.

- While a device is connected to the multimedia system, the confirmation screen for disconnecting the device may be displayed. Disconnect the device to perform registration.
- The Bluetooth® address may be displayed instead of the device name.
- If the device to be registered is not displayed, try registering it from the Bluetooth® device.
- Certain models of Bluetooth® devices may not be displayed in the device list, unless a certain screen is displayed on the Bluetooth® device. Refer to the Bluetooth® device's instruction manual for details.

- 5 Check that the displayed passcode matches the passcode displayed on the Bluetooth® device, and then touch [Confirm].

- Some Bluetooth® devices may need to be operated to complete registration.
- When an HFP supported Bluetooth® device is registered, that device is automatically set as the primary device if the driver does not have a primary device set.
- The Apple CarPlay or Android Auto settings may be displayed. The Apple CarPlay or Android Auto screen will be displayed if the use of either is enabled.
- A message indicating that connection is complete is displayed, and the name of the registered Bluetooth® device is displayed on the main area.

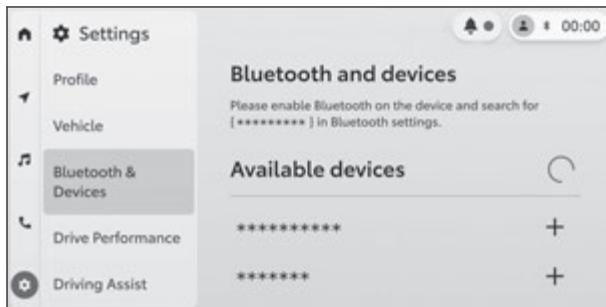
2-1. Using the Bluetooth® function

- If an operation failed screen is displayed, follow the operation instructions on the screen.

Registering from a Bluetooth® device

If the Bluetooth® device cannot be found by searching with the multi-media system, register by searching for the multimedia system from the Bluetooth® device.

- 1 **Touch [] on the main menu.**
- 2 **Touch [Bluetooth & Devices] on the sub menu.**
- 3 **Touch [Add a device].**
- 4 **Register the multimedia system from the Bluetooth® device to be used.**



- Perform the operation according to the operating procedure of the Bluetooth® device.
- Be sure to display this Bluetooth® connection screen before performing registration on the Bluetooth® device.

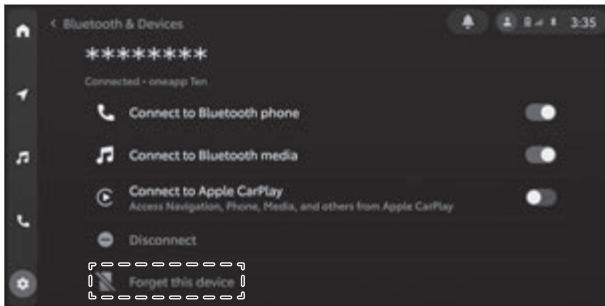
- 5 **Check that the displayed passcode matches the passcode displayed on the Bluetooth® device, and then touch [Confirm].**
- Some Bluetooth® devices may need to be operated to complete registration.
- When an HFP supported Bluetooth® device is registered, that device is automatically set as the primary device if the driver does not have a primary device set.

- The Apple CarPlay or Android Auto settings may be displayed. The Apple CarPlay or Android Auto screen will be displayed if the use of either is enabled.
- A message indicating that connection is complete is displayed, and the name of the registered Bluetooth® device is displayed on the main area.
- If an operation failed screen is displayed, follow the operation instructions on the screen.

Deleting a registered Bluetooth® device

Registered Bluetooth® devices can be deleted.

- 1 Touch [] on the main menu.
- 2 Touch [Bluetooth & Devices] on the sub menu.
- 3 Touch [] on the Bluetooth® device item on the multimedia system.
- 4 Touch [Forget this device].



A device that has been set as the primary device of another user can be deleted.(→ P.49)

- 5 Touch [Forget].

INFORMATION

- A registered cellular phone cannot be deleted during an emergency call.
- It may not be possible to delete on the first try, depending on the status of the Bluetooth® device.

Connecting with a Bluetooth® device

Connection with a Bluetooth® device is required to use various function of the multimedia system. There are two connection methods, automatic and manual.

INFORMATION

- Refer to the Bluetooth® device's instruction manual for information on how to operate the Bluetooth® device.
- If the hands-free phone operation of the connected cell phone is unstable, disconnect the call and reconnect it.
- A connection cannot be made if Bluetooth® on the Bluetooth® device is not turned on.
- When connection of the Bluetooth® device is completed, the message will be displayed.
- While the Bluetooth® device is connected, the Bluetooth® connection status icon is displayed. (→ P.20)
- The display area may illuminate and stay on while the power switch is in ACC or ON, depending on the model of cellular phone. If this occurs, turn illumination off on the cellular phone. Refer to the instruction manual included with the cell phone for details on the cell phone settings.
- The Bluetooth® function cannot be used on the device connected as Apple CarPlay.
- The Bluetooth® function except the hands-free function cannot be used on the device connected as Android Auto.

■ Bluetooth® reconnection

If a Bluetooth® connection that was once established is disconnected while the power switch is in ACC or ON, a reconnection will be automatically attempted.

■ Number of Bluetooth® device connections

- When a driver is set

Up to two hands-free phones and one audio device will be connected. (→ P.87,88)

- When a driver is not set

Up to one hands-free phone and one audio device will be connected.

INFORMATION

- The same device can be set as hands-free phone and audio device.
- Try connecting manually if reconnection fails. (→ P.84)
- It may not be possible to reconnect a Bluetooth® connection, depending on the status of Apple CarPlay.

Automatically connecting Bluetooth® devices

The multimedia system will automatically connect to Bluetooth® devices in the set priority order each time the power switch is turned from off to on.

● When a driver is set

The selection is made only from the connection history of the main device, sub devices and the individual driver.

Up to two hands-free phones and one audio device will be connected automatically.

● When a driver is not set

Automatically connects in order of most recent connection.

Up to one hands-free phone and one audio device will be connected automatically.

INFORMATION

- The same device can be set as hands-free phone and audio device.
- Try connecting manually if reconnection fails.
- The Bluetooth® device may need to be operated, depending on the model of Bluetooth® device.
- Devices that were manually disconnected such as by touching the [Disconnect] will not be automatically connected.

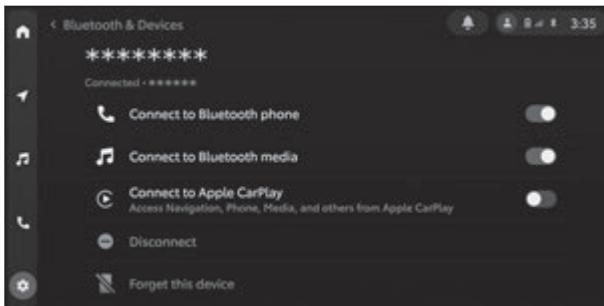
Manually connecting Bluetooth® devices

In order to connect another Bluetooth® device, or if automatic connection fails, it is possible to connect to registered Bluetooth® devices.

- 1 Touch [] on the main menu.
- 2 Touch [Bluetooth & Devices] on the sub menu.

If there is no Bluetooth® device already registered, touch [Add a device] to register a Bluetooth® device.

- 3 Touch [>] on the Bluetooth® device.
- 4 Turn on the function (phone, audio, etc.) that you want to connect on the main area.



A confirmation screen may be displayed if another device is already connected.

INFORMATION

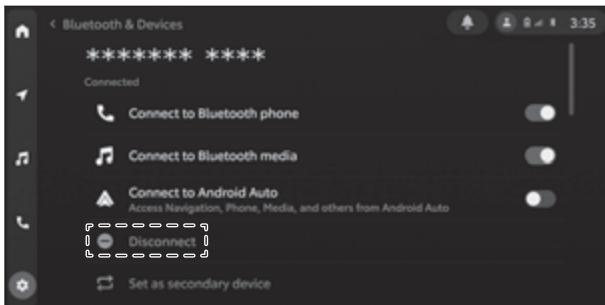
It may not be possible to connect on the first try, depending on the status of the Bluetooth® device. If this occurs, try connecting again after a while.

Disconnecting Bluetooth® devices

Connected Bluetooth® devices can be disconnected from the multi-media system.

- 1 Touch [] on the main menu.
- 2 Touch [Bluetooth & Devices] on the sub menu.
- 3 Touch [>] on the Bluetooth® device.
- 4 Touch [Disconnect] on the main area.

2-1. Using the Bluetooth® function



5 Touch [Disconnect].

Setting a Bluetooth® device as a primary device

Setting a registered Bluetooth® device as the primary device makes it the first to be connected during automatic connection.(→ P.84)

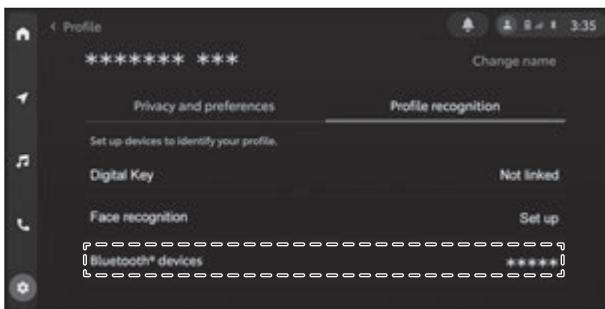
- A Bluetooth® device that supports HFP must be connected to the multimedia system.
- Registration of a driver is required to set a device as the primary device.(→ P.49)



INFORMATION

The primary device of another driver can be set as one's own primary device. The set primary device will no longer be available as the primary device of the other driver.

- 1 Touch [] on the main menu.
- 2 Touch [Profile].
- 3 Touch any profile name.
- 4 Touch [Profile recognition].
- 5 Touch [Bluetooth® devices] on the main area.



If there is no Bluetooth® device you wish to set for the main device, or if there is no Bluetooth® device connected to the main device that can be set, touch [Manage] and register a new Bluetooth® device. After the device is newly registered, it can be set as the primary device.

- 6 Select the Bluetooth® device to be set as the primary device.

Disconnect the currently connected Bluetooth® device, then connect the primary device and secondary device.

Setting a Bluetooth® device as a secondary device

By setting a registered Bluetooth® device as a secondary device, it will be recognized as a secondary device when connected.

- The same Bluetooth® device cannot be set as a primary device and secondary device for a driver.
- A Bluetooth® device that supports HFP must be connected to the multimedia system.
- Registration of a driver is required to set a device as the secondary device.(→ P.49)

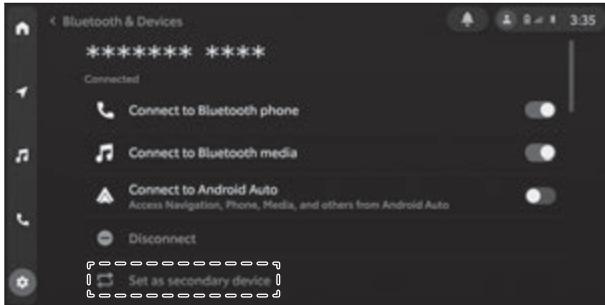
1 Touch [] on the main menu.

2 Touch [Bluetooth & Devices] on the sub menu.

If there is no Bluetooth® device already registered, touch [Add a device] to register a Bluetooth® device.(→ P.78)

3 Touch the Bluetooth® device to be set as the secondary device.

4 Touch [Set as secondary device] on the main area.



This will change to [Remove secondary device] if the device is already set as a secondary device.

Setting Bluetooth® devices

Set up Bluetooth® devices for use with the multimedia system.

INFORMATION

- Settings details are set separately for each individual Bluetooth® device.
- Audio may skip if hands-free calling is selected while playing Bluetooth® audio.
- Depending on the Bluetooth® device model, it may be necessary to perform operations on the Bluetooth® device.
- A Bluetooth® device cannot be selected during an emergency call.
- Settings cannot be selected while driving.
- Settings may not be selectable depending on the status of the Bluetooth® device.

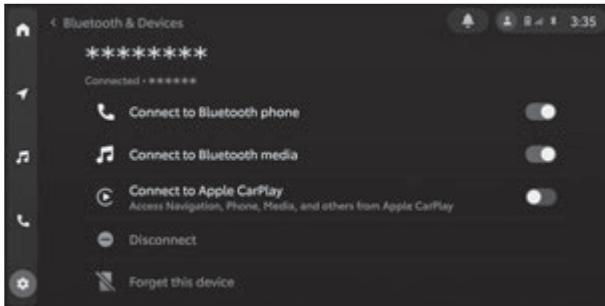
1 Touch [] on the main menu.

2 Touch [Bluetooth & Devices].

3 Touch [] on the Bluetooth® device.

Nothing will display unless at least one Bluetooth® device is registered.

4 Select the desired item.



Setting	Description
[Connect to Bluetooth phone]	Connect or disconnect the phone to use hands-free calling. ⁽¹⁾⁽²⁾
[Connect to Bluetooth media]	Connect or disconnect the phone to use Bluetooth® audio. ⁽¹⁾⁽²⁾

2-2. Bluetooth® settings

Setting	Description
[Connect to Apple CarPlay]	Enables or disables the Apple CarPlay function. ⁽¹⁾ (2)
[Connect to Android Auto]	Enables or disables the Android Auto function. ⁽¹⁾ (2) If the [Connect to Android Auto] settings are switched off while using Android Auto, [Connect to Bluetooth phone] settings will be switched on.
[Disconnect]	Disconnect device from multimedia system. The connected functions will turn off. The device may not automatically connect to the function even if the device is reconnected.
[Set as secondary device]	Sets the device as a secondary device. ^(→ P.88) This setting can be used when a driver has been registered and the HFP-supported Bluetooth® device has not been set as the primary device. Touch [Set as secondary device] to set the device as the secondary device. The priority order for connecting Bluetooth® devices is primary device, secondary device, and latest device in the connection history.
[Remove secondary device]	Removes the device as a secondary device.
[Forget this device]	Deletes the registration of device (Bluetooth® device, Apple CarPlay or Android Auto).
"General"	
[Sync contacts]	Enables or disables automatic transfer of contacts, favorites, and history to the multimedia system. When the setting is changed from disabled to enabled, automatic transfer of the phone book starts. Favorites may not be transferred depending on the connected cellular phone even if it is supported. The phone book and Favorites are deleted when switched from ON to OFF.

Setting	Description
[Sort by first name]	The display of names registered in the contacts can be changed to sorting by first name.
[Sort by last name]	The display of names registered in the contacts can be changed to sorting by last name.
[Auto-read messages]	Enables or disables the automated message read out function.
[Clear call history]	Deletes hands-free call history data. Displayed when [Sync contacts] is set to OFF.
"Sound"	
[Ringtone]	The ringtone for hands-free calling can be set as follows. <ul style="list-style-type: none"> ● [Tone 1]/[Tone 2]: Sets the call ringtone. ● [Devices]: Sets Multimedia System to use the ringtone of the cellular phone. ● [Announce caller]: Sets the system to read aloud the name of the party calling.
[Ringtone volume]	Adjusts the ringtone volume. ⁽³⁾
[Message tone]	The ringtone for incoming messages can be set as follows. <ul style="list-style-type: none"> ● [Tone 1]/[Tone 2]/[Tone 3]: Sets the incoming text ringtone. ● [Announce sender]: Set to read aloud the name of the sender. ● [Off]: Set to mute.
[Message alert volume]	Adjusts the volume for incoming new messages.
[Call volume]	Adjusts the call volume. ⁽³⁾
"Do not disturb" ⁽⁴⁾	
[Off]	Enable notification by ringtone and display.
[Silent]	Disable notification by ringtone.
[On]	Decline incoming calls and disable notification by audio and display.

2-2. Bluetooth® settings

- (1) Displayed only when the Bluetooth® device can execute this function. Toggling the function on or off will display or hide related functions, or turn them on or off. This cannot be used for calls or audio while Apple CarPlay or Android Auto is set to on. In the same way, Apple CarPlay/Android Auto cannot be used if the telephone or audio function is being used via a Bluetooth® connection.
- (2) The connection with this function will be disconnected if the button is turned off. When connected with a device such as by being automatically connected, the function that turned off will not automatically turn on. The connection with this function will be activated if the button is turned on.
- (3) Cell phone and multi-media system speaker volume/ringtone volume may be synchronized depending on the type of cell phone.
- (4) It cannot be used for the phone function of Apple CarPlay and Android Auto. While Android Auto is connected, it cannot be used for the hands-free function of the multimedia system.

Precautions when using Wi-Fi® devices

Pay special attention to the following information when using the Wi-Fi® of the multimedia system.

■ Users with pacemakers or other electrical medical devices

Observe the following precautions with regard to radio waves during Wi-Fi® communication.

▲ WARNING

- Use Wi-Fi® devices only when safe and legal to do so.
- The vehicle antenna for Wi-Fi® communication is built into the multimedia system.
- People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should maintain a reasonable distance between themselves and the Wi-Fi® antennas.
The radio waves may affect the operation of such devices.
- Before using Wi-Fi® devices, users of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves.
Radio waves could have unexpected effects on the operation of such medical devices.

■ Using Wi-Fi® and Bluetooth® simultaneously

The vehicle uses 2.4GHz Wi-Fi® which is the same frequency used by Bluetooth®. Using both Wi-Fi® and Bluetooth® simultaneously could cause interference to occur with each other which can result in poor performance or connection issues.

■ Things to know about Wi-Fi®

□ INFORMATION

- Wi-Fi® and WMM® are registered trademarks of Wi-Fi Alliance®.
- Wi-Fi CERTIFIED™, WPA2™ and WPA3™ are trademarks of Wi-Fi Alliance®.

- Performance may vary depending on various environmental and electrical factors.
- Use this function to connect to portable devices. Connections to devices other than portable devices may be disconnected, depending on the environment.
- Leaving the Wi-Fi® area will disconnect communication.
- Leaving the DCM area will disconnect Wi-Fi® Hotspot function communication.
- If a connected device is taken out of the Wi-Fi® connection area, the connection will be severed.
- If the vehicle is driven out of the cellular communication coverage area, connecting to the internet via the Wi-Fi® Hotspot will not be possible.
- If a Bluetooth® device is used while a device is connected using the Wi-Fi® Hotspot function, the communication speed may decrease.
- Depending on the environment in which the access point is used, the communication speed may be low or communication may not be possible.
- If the vehicle is near a radio antenna, radio station or other source of strong radio waves and electrical noise, communication may be slow or impossible.
- The communication speed may drop or it even may become impossible to use this service in certain usage environments. (Due to factors such as the wireless antenna location and any wireless devices being used nearby.)

Compatible Wi-Fi® communication protocols

- 2.4GHz

- IEEE 802.11b

- IEEE 802.11g

- IEEE 802.11n (Wi-Fi 4)

- IEEE 802.11ax (Wi-Fi 6)

- 5GHz

- IEEE 802.11a

- IEEE 802.11n (Wi-Fi 4)

- IEEE 802.11ac (Wi-Fi 5)

- IEEE 802.11ax (Wi-Fi 6)

Compatible security protocols

- WPA2-Personal
- WPA3-Personal
- WPA3-Personal transition mode

Connecting to a network using Wi-Fi®^{*1}

The multimedia system can be connected to the Internet by connecting to a Wi-Fi® network.

INFORMATION

- The Wi-Fi® reception level is displayed at the top of screen. (→ P.20)
- This function cannot be used while the Wi-Fi® Hotspot is on. To use Apple CarPlay/Android Auto while Wi-Fi® is connected, connect via a USB Type-C cable.
- Some smartphone models may require establishing a connection each time.
- If networks are detected while the Wi-Fi® function is on, automatic connection will prioritize connecting to the network with the most recent connection.

Establishing a Wi-Fi® connection to an available network

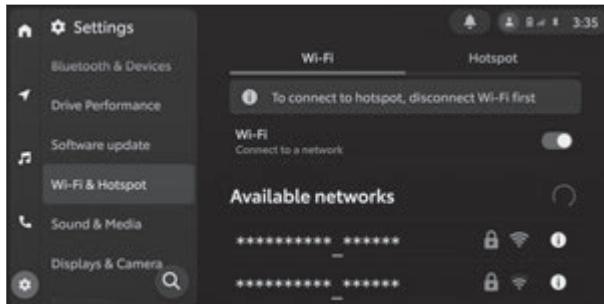
Connect to the internet from a nearby network using a smartphone or other device that supports Wi-Fi® tethering.

For information on how to set up tethering, please refer to the owner's manual of the smartphone to be connected.

Depending on the smartphone being connected, you may need to connect it each time. Please confirm the password for the network to be used in advance.

- 1 Touch [] on the main menu.
- 2 Touch [Wi-Fi & Hotspot] on the sub menu.
- 3 Touch the [Wi-Fi] tab at the top of the main area.
- 4 Turn on [Wi-Fi] on the main area.

*1 : This function is not available in some regions.



- A message may be displayed depending on the multimedia system settings. Perform the operation according to the screen guidance.
- Turning on [Wi-Fi] will display nearby networks that are available.

5 Touch the network to be connected on the main area.

- A maximum of 30 networks can be displayed. The list is automatically updated.
- If there are devices using the same network name (Network SSID), the multimedia system will display only one of them. Use different network names (Network SSID) if using multiple devices.
- No selections can be made while driving.
- Touch [i] for the applicable network to check network details.

6 Enter the corresponding password for this network to complete the connection.

If networks are detected with the automatic connection setting on, they will be connected to automatically.

INFORMATION

The network connection history retains up to 20 items, deleting the oldest when a new one is saved.

Disconnecting Wi-Fi®

Wi-Fi® can be disconnected by turning off the Wi-Fi® function.

- 1 Touch [] on the main menu.
- 2 Touch [Wi-Fi & Hotspot] on the sub menu.
- 3 Touch the [Wi-Fi] tab at the top of the main area.
- 4 Turn off [Wi-Fi] on the main area.

2-3. Connecting to a Wi-Fi® network



Establishing a connection to Wi-Fi® Hotspot^{*1}

The Wi-Fi® Hotspot function can be used to set the Wi-Fi® access point and connect to a Wi-Fi® device.

Use of this function requires a Wi-Fi® Connect subscription that is provided by Wi-Fi service provider.

Contact your Toyota dealer for details.



INFORMATION

- The Wi-Fi® Hotspot cannot be used at the same time when connected to Wi-Fi® using another function.
- When Apple CarPlay or Android Auto is connected wirelessly, the Hotspot on the same frequency band cannot be used simultaneously. To use Apple CarPlay or Android Auto, connect with a USB Type-C cable. Note that if you wish to use a 5GHz Hotspot after connecting Apple CarPlay or Android Auto wirelessly, you must turn on the Wi-Fi® once and disable the access point for Apple CarPlay or Android Auto. Once this is done, a 5GHz frequency band can be used by turning on the Hotspot.
- A total of 10 devices (5 using 2.4GHz and 5 using 5GHz) can be connected. If connected to Apple CarPlay or Android Auto over wireless, the Wi-Fi® Hotspot can only be used in the 2.4GHz band, and the number of connected devices is limited to 5 devices.

1 Confirm that the Wi-Fi® function of the Wi-Fi® device is ON.

For information on how to operate from the Wi-Fi® device, please refer to the owner's manual included with the Wi-Fi® device.

- 2 Touch [] on the main menu.
- 3 Touch [Wi-Fi & Hotspot] on the sub menu.
- 4 Touch the [Hotspot] tab at the top of the main area.
- 5 Turn on [Hotspot] on the main area.

*1 : This function is not available in some regions.

2-3. Connecting to a Wi-Fi® network



A message may be displayed depending on the multimedia system settings. Perform the operation according to the screen guidance.

6 Connect to Wi-Fi® Hotspot of the multimedia system from the Wi-Fi® device.

- Refer to the Wi-Fi® device's instruction manual on how to connect using the Wi-Fi® device.
- The network password will be displayed on the main area. If the password is long, some of the characters may be omitted from the display. Touch the screen to check on the password edit screen.
- The network name (network SSID) consists of the name displayed at the bottom of the main area [**Hotspot**], letters indicating 2.4GHz or 5GHz frequency band, and a unique 6-digit alphanumeric code.

Example: If the name displayed at the bottom of [**Hotspot**] is "CAR Model"

- 2.4GHz band: CAR Model-2.4g_XXXXXX
- 5GHz band: CAR Model-5g_XXXXXX

INFORMATION

- The following guidelines are recommended when setting a password, to prevent a third party from gaining unauthorized access.
 - Use at least 13 characters
 - Mix alphabet letters (including upper case and lower case) and numbers
 - Change it regularly
 - If the password is written down, do not store it out in the open
 - Do not reuse the same password, or use a similar password
 - Do not use the vehicle name or license plate number, or a common word found in the dictionary or the like

- Do not substitute letters for common dictionary words in a way that would be easy to guess (for example, using "c@t" instead of "cat")

Disconnecting Wi-Fi® Hotspot

Wi-Fi® Hotspot can be disconnected by turning off the Wi-Fi® function.

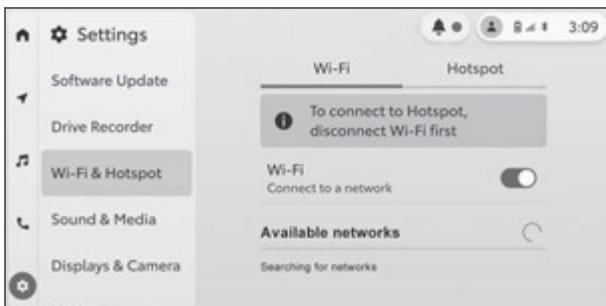
- 1 Touch [] on the main menu.
- 2 Touch [Wi-Fi & Hotspot] on the sub menu.
- 3 Touch the [Hotspot] tab at the top of the main area.
- 4 Turn off [Hotspot] on the main area.



Changing Wi-Fi® setting

Change Wi-Fi® settings.

- 1 Touch [] on the main menu.
- 2 Touch [Wi-Fi & Hotspot] on the sub menu.
- 3 Touch the [Wi-Fi] tab at the top of the main area.
- 4 Select the desired item.



Setting	Description
[Wi-Fi]	<p>Enables or disables the Wi-Fi® function. A message may be displayed depending on the multi-media system settings. Perform the operation according to the guidance on the screen.</p> <ul style="list-style-type: none"> ● Turning on [Wi-Fi] will display nearby networks that are available. ● Turning off [Wi-Fi] will disconnect the Wi-Fi® connection.
"Available networks"	
Name of network []	<p>Connects to the touched network and displays. Touch [] displays the network information.</p> <ul style="list-style-type: none"> ● A maximum of 30 networks can be displayed. The list is automatically updated. ● If there are devices using the same network name (Network SSID), the multimedia system will display only one of them. Use different network names (Network SSID) if using multiple devices.

- Network information display⁽¹⁾

Setting	Description
Network SSID	Displays the network name (Network SSID).
[Auto connect] ⁽²⁾	Turns on or off the setting to automatically connect when searching for networks.
"MAC address"	Displays the MAC address of the network.
"Security"	Displays the security protocol of the network.
"Frequency band"	Displays the network frequency.
[Forget this network] ⁽²⁾	<p>The connection history of the selected network will be deleted from the multimedia system.</p> <p>Deleted networks will be recognized as networks with no connection history with the multimedia system. In this case, the network information will not be remembered, and even if you restart Wi-Fi®, you will not reconnect to this Wi-Fi® network.</p>

(1) Displays when [] for the network name is touched.

(2) Only networks with a connection history to the multimedia system are displayed.



INFORMATION

- The network connection history retains up to 20 items, deleting the oldest when a new one is saved.
- Insecure networks cannot be connected.

Setting Wi-Fi® Hotspot^{*1}

The access point settings can be changed via the Wi-Fi® Hotspot function.

Use of this function requires a Wi-Fi® Hotspot subscription that is provided by Wi-Fi® service provider.

Contact your Toyota dealer for details.

INFORMATION

- The Wi-Fi® Hotspot on the same frequency band cannot be used simultaneously if the Wi-Fi® function is on.
- A total of ten devices (five using 2.4GHz and five using 5GHz) can be connected. If connected to Apple CarPlay or Android Auto over wireless, the Wi-Fi® Hotspot can only be used in the 2.4GHz band, and the number of connected devices is limited to 5 devices.

- 1 Touch  on the main menu.
- 2 Touch **[Wi-Fi & Hotspot]** on the sub menu.
- 3 Touch **[Hotspot]** on the main area.
- 4 Select the desired item.



Setting	Description
[Hotspot]	Enables or disables the Wi-Fi® Hotspot function. (→ P.99)
[Password]	Displays the registered password.
[Change Pass-word]⁽¹⁾	Changes the access point password.

*1 : This function is not available in some regions.

Setting	Description
[Security] ⁽¹⁾	Changes the security protocol for the access point.

(1) This will only display when [Hotspot] is turned on.

INFORMATION

- A message may be displayed depending on the multimedia system settings. Perform the operation according to the guidance on the screen.
- When changing the setting, the Wi-Fi® Hotspot function will need to be restarted. All devices connected via Wi-Fi® will be disconnected.

Precautions when using Apple CarPlay^{*1} and Android Auto

Apple CarPlay and Android Auto allow for some applications (such as map, phone, and music applications) to be used by the multi-media system. Apple CarPlay/Android Auto can be connected to the multi-media system via USB or a wireless connection. While connected to Apple CarPlay or Android Auto, supported applications will display. Pay special attention to the following information when using Apple CarPlay or Android Auto. This function is not available in some regions.

To use Android Auto in your car, install the Android Auto app from Google Play Store™.

■ Compatible devices

- Apple iPhone devices that supports Apple CarPlay.

For details, refer to <https://www.apple.com/ios/carplay/>.^{*2}

- Android™ devices that supports Android Auto.

For details, refer to <https://www.android.com/auto/>.^{*2}

▲ WARNING

For safety reasons, drivers should not operate the smartphone itself while driving.

△ NOTICE

- Do not leave the smartphone inside the vehicle. The inside of the vehicle can become hot, which could cause the smartphone to malfunction.
- Do not push down on or subject the smartphone to unnecessary pressure while it is connected. The smartphone or port may be damaged.
- Keep the USB port free of foreign matter. The smartphone or port may be damaged.

□ INFORMATION

- For USB connections, use a data USB cable provided by the phone manufacturer.

^{*1} : Regarding the countries where Apple CarPlay is available, please refer to Apple's official website.

^{*2} : Operation is not guaranteed.

- Some system button functions will change while connected to Apple CarPlay or Android Auto.
- When connected via Apple CarPlay/Android Auto, some related functions like Bluetooth® audio and phone will be managed by Apple CarPlay/Android Auto.
- Apple CarPlay cannot be used concurrently with 5Ghz Wi-Fi Hotspot.
- The guidance volume can be changed in the [**Sound & Media**] settings. (→ P.174) The volume adjustment of the audio system can also be changed. (→ P.168)
- While Apple CarPlay or Android Auto of a device is connected, Apple CarPlay or Android Auto of a different device cannot be used.
- Apple CarPlay/Android Auto is an application developed by Apple Inc/ Google LLC. Its functions and services may be terminated or changed without notice depending on the connected device's operation system, hardware and software, or due to changes in Apple CarPlay/Android Auto specifications.
- For applications that support Apple CarPlay or Android Auto, refer to the respective website.
- While using Apple CarPlay or Android Auto, vehicle and user information such as the location and vehicle speed will be shared with the application publisher and cellular phone service provider.
- Downloading and using an application signifies your consent with its terms of use.
- Data is sent over the Internet and may result in charges being incurred. For information on data rates, contact the cellular phone service provider.
- Some functions including music playback may be restricted, depending on the application.
- Each function is an application provided by its respective company, and may be changed or suspended without prior notice. For details, refer to the website for the respective function.
- If the vehicle's navigation system is being used during route guidance and a new route is set using the Apple CarPlay or Android Auto map app, route guidance using the vehicle's navigation system will stop. If the Apple CarPlay or Android Auto map app is being used during route guidance and a new route is set using the vehicle's navigation system, route guidance using the Apple CarPlay or Android Auto map app will stop.
- Devices connected via Apple CarPlay cannot use Bluetooth® functions.

2-5. Using Apple CarPlay and Android Auto

- Devices connected via Android Auto cannot use Bluetooth® functions other than hands-free calling.
- If the USB cable is unplugged while connected via USB, Apple CarPlay or Android Auto will stop operating. Audio output will stop and the screen will switch to the multimedia system screen.
- Even if Android Auto is disconnected, the hands-free phone system can be used because the phone will still be connected.
- Returning from Apple CarPlay/Android Auto to the multi-media system screen may take some time.
- Depending on the specifications of the multi-information display, it may be possible to display the map screen of Apple CarPlay/Android Auto on the multi-information display. For details on displaying maps on the multi-information display, refer to "OWNER'S MANUAL".

Using Apple CarPlay^{*1}

Apple CarPlay can be used by connecting a smartphone to the multimedia system.

Using Apple CarPlay with a USB connection

Apple CarPlay can be used by connecting a smartphone to the multimedia system using a data USB cable.

1 Enable Siri from your smartphone's settings menu.

2 Connect the smartphone to the USB port.(→ P.172)

The Apple CarPlay home screen is displayed.

- If an operation failed screen is displayed, follow the operation instructions on the screen.
- If guidance is displayed on the smartphone screen, follow those operation instructions.
- If the Apple CarPlay home screen is not displayed, check the following.
 - Touch [C] on the main menu.
 - If [C] of the main menu is not displayed, select the smartphone to use with Apple CarPlay and set [Connect to Apple CarPlay] to ON.(→ P.89)

3 Operate Apple CarPlay.



[C]

Display the Apple CarPlay Home screen.

To switch between Apple CarPlay and other features, touch the icon on the main menu.

*1 : This function is not available in some regions.



Displays the multimedia system screen.

The screen switches from the Apple CarPlay operation screen to the multimedia system screen.

INFORMATION

- While Apple CarPlay is connected, press and hold the [Siri] switch on the steering to start Siri. To cancel Siri, perform a short press of the [Siri] switch on the steering.
- While Apple CarPlay is connected, speaking the Siri wake word will start Siri.
The wake word function of Siri can only be used when the language is set to English, French and Spanish. (→ P.63) Also, the connected device must have iOS version 15.1 or later.
- If wireless connection is set to be used on the smartphone when registered via USB connection, the device can be wirelessly connected on the next attempt.
- The [Home] icon on the Quick control screen can also be used to display the home screen. (→ P.32)

Using Apple CarPlay with wireless connection

Using the wireless connection function of the vehicle, Apple CarPlay can be used by connecting the multimedia system and a smartphone wirelessly. When using a wireless connection, the device must be registered in advance. (→ P.78)

- 1 **Enable Siri from your smartphone's settings menu.**
- 2 **Touch [Settings] on the main menu.**
- 3 **Touch [Bluetooth & Devices].**
- 4 **Select the smartphone to use with Apple CarPlay and set [Connect to Apple CarPlay] to ON.**

The Apple CarPlay home screen is displayed.

- Perform the operation according to the guidance on the screen.
- If an operation failed screen is displayed, follow the operation instructions on the screen.
- If guidance is displayed on the smartphone screen, follow those operation instructions.

- If the Apple CarPlay home screen is not displayed, Touch [C] on the main menu.

5 Operate Apple CarPlay.



Display the Apple CarPlay Home screen.

To switch between Apple CarPlay and other features, touch the icon on the main menu.



Displays the multimedia system screen.

The screen switches from the Apple CarPlay operation screen to the multimedia system screen.



INFORMATION

- While Apple CarPlay is connected, press and hold the [Siri] switch on the steering to start Siri. To cancel Siri, perform a short press of the [Siri] switch on the steering.
- While Apple CarPlay is connected, speaking the Siri wake word will start Siri.
The wake word function of Siri can only be used when the language is set to English, French and Spanish. (→ P.63) Also, the connected device must have iOS version 15.1 or later.
- Apple CarPlay cannot be used concurrently with 5GHz Wi-Fi Hot-spot.
- The [C] icon on the Quick control screen can also be used to display the home screen. (→ P.32)

Using Android Auto^{*1}

Android Auto can be used by connecting a registered smartphone to the multimedia system.

Using Android Auto with a USB connection

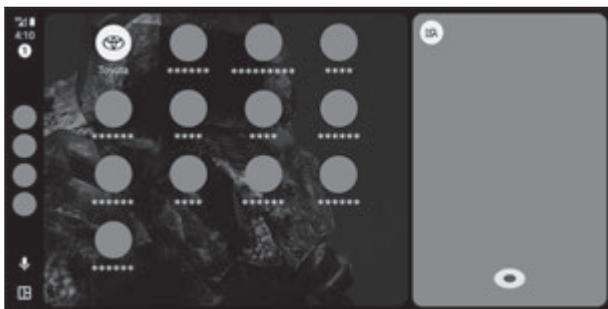
Android Auto can be used by connecting a smartphone to the multimedia system using a data USB cable.

- 1 **Confirm that the Android Auto application is installed on the smartphone to connect.**
- 2 **Connect the smartphone to the USB port.(→ P.172)**

The Android Auto home screen is displayed.

- If an operation failed screen is displayed, follow the operation instructions on the screen.
- If guidance is displayed on the smartphone screen, follow those operation instructions.
- If the Android Auto home screen is not displayed, check the following.
 - Touch [A] on the main menu.
 - If [A] of the main menu is not displayed, select the smartphone to use with Android Auto and set [Connect to Android Auto] to ON.(→ P.89)

- 3 **Operate Android Auto.**



Applications that support Android Auto can be used by touching the application.



Displays the multimedia system screen.

*1 : This function is not available in some regions.

To display the Android Auto home screen again, touch [] on the main menu.



Start Google Assistant™.



INFORMATION

- While Android Auto is connected, press and hold the [] switch on the steering to start Google Assistant™. To cancel Google Assistant™, perform a short press of the [] switch on the steering.
- The [] icon on the Quick control screen can also be used to display the home screen. (→ P.32)

Using Android Auto with wireless connection

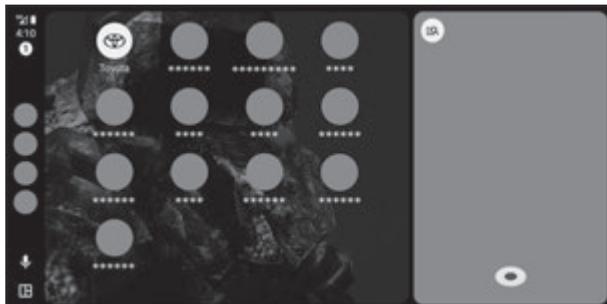
Using the wireless connection function of the vehicle, Android Auto can be used by connecting the multimedia system and a smartphone wirelessly. When using a wireless connection, the device must be registered in advance. (→ P.78)

- 1 **Confirm that the Android Auto application is installed on the smartphone to connect.**
- 2 **Touch [] on the main menu.**
- 3 **Touch [Bluetooth & Devices].**
- 4 **Select the smartphone to use with Android Auto and set [Connect to Android Auto] to ON.**

The Android Auto home screen is displayed.

- Perform the operation according to the guidance on the screen.
- If an operation failed screen is displayed, follow the operation instructions on the screen.
- If guidance is displayed on the smartphone screen, follow those operation instructions.
- If the Android Auto home screen is not displayed, touch [] on the main menu.

- 5 **Operate Android Auto.**



Applications that support Android Auto can be used by touching the application.



Displays the multimedia system screen.

To display the Android Auto home screen again, touch [▲] on the main menu.



Start Google Assistant™.

INFORMATION

- While Android Auto is connected, press and hold the [▲] switch on the steering to start Google Assistant™. To cancel Google Assistant™, perform a short press of the [▲] switch on the steering.
- The [▲] icon on the Quick control screen can also be used to display the home screen. ([→ P.32](#))

When Apple CarPlay or Android Auto might be malfunctioning

If having trouble with Apple CarPlay or Android Auto, check the following table first.

Symptom	Solution
Apple CarPlay or Android Auto does not start.	<p>Confirm that the smartphone being connected supports Apple CarPlay or Android Auto.</p> <p>Confirm that Apple CarPlay or Android Auto is enabled on the smartphone.</p> <p>Confirm that the Android Auto application is installed on the smartphone being connected.</p> <p>For details, refer to the following URL.</p> <ul style="list-style-type: none"> ● Apple CarPlay : https://www.apple.com/ios/carplay/ ● Android Auto : https://www.android.com/auto/
	<p>Confirm that the Apple CarPlay or Android Auto function on the registered smartphone is turned on in the multimedia system.(→ P.89)</p> <p>Update the iOS/Android Auto application to the latest version and restart your smartphone.</p> <p>If connecting with a USB cable, confirm that the USB cable is securely connected to the smartphone and the USB port. Connect the smartphone directly to the USB port. Do not use a USB hub.(→ P.172)</p> <p>Make sure the correct USB port is used to connect Apple CarPlay and Android Auto. USB port used exclusively for charging cannot be used for smartphone apps. Wireless charger* used for wireless charging will not start wireless Apple CarPlay or wireless Android Auto connection.</p> <p>For a wireless connection, check the following items.</p> <ul style="list-style-type: none"> ● Confirm that the smartphone can be connected via Bluetooth® to the multimedia system.

* : If equipped

2-5. Using Apple CarPlay and Android Auto

Symptom	Solution
Apple CarPlay or Android Auto does not start.	<ul style="list-style-type: none">● Confirm that the smartphone is set to be able to use Wi-Fi®. <p>For Apple CarPlay: Confirm that the communication cable being used is Apple-certified.</p> <p>Confirm that Siri is enabled.</p> <p>The smartphone linking function cannot be used with a charging-only USB cable.</p> <p>Use a cable capable of transferring data. Some cables may not be supported.</p> <p>Recommended USB cable requirements are listed below.</p> <ul style="list-style-type: none">● iPhone: Use an official Apple USB cable or a USB cable that has been Apple MFi certified.● Android: Use a cable that is 6 ft. (1.8 m) or shorter, and do not use an extension cable. <p>If the smartphone linking function worked previously but no longer works, replacing the USB cable may resolve the issue.</p>
When an Apple CarPlay/Android Auto connection is established and a video is being played, the video is not displayed, but audio is output through the system.	As the system is not designed to play video through Apple CarPlay/Android Auto, this is not a malfunction.
Audio is not outputted.	<p>The volume of the multimedia system may be muted or set too low. Increase the volume on the multimedia system.</p> <p>Make sure Apple supported apps are used for Apple CarPlay and Google™ supported apps are used for Android Auto. Playing music from web browser will lead to no or improper audio output.</p>

Symptom	Solution
The screen flickers and audio is noisy.	Check whether the USB cable connected to the multimedia system is damaged. To check whether there is internal damage to the USB cable, connect the smartphone to another system such as a PC, then confirm that charging starts and that it is recognized by the system.
	Replace the USB cable with another cable.
The map display cannot be enlarged or shrunk using the Apple CarPlay map app.	Pinch operations are not supported for the Apple CarPlay map app.
The Apple CarPlay screen is shown in the center and does not fill up the whole display.	Full-screen display is supported on iOS version 10 or later. Update to the latest iOS version.
During Apple CarPlay music app playback, if an app that is not compatible with Apple CarPlay ⁽¹⁾ is started on the iPhone and audio is output and then the volume is changed on the multimedia system, the audio of the incompatible application stops and the system resumes playback on the original music application.	This operation is in accordance with the specifications of the multimedia system, and is not a malfunction.
During audio playback on the multimedia system (such as FM), if interrupt audio is output from an app that is not compatible with Apple CarPlay ⁽¹⁾ , the system does not return to the original audio source.	This operation is in accordance with the specifications of the multimedia system, and is not a malfunction. Manually change the audio source. Alternatively, avoid using apps that are not compatible with Apple CarPlay ⁽¹⁾ . Some navigation apps are compatible beginning with iOS 12. Update iOS and apps to the latest versions.

2-5. Using Apple CarPlay and Android Auto

Symptom	Solution
While using Apple CarPlay, the route guidance arrow and turn-by-turn navigation are not displayed on the multi-information display.	
While using Android Auto, the route guidance arrow is not displayed on the multi-information display.	This function may not be displayed depending on the multi-information display specifications or the map application being used.
The map screen of Apple CarPlay/Android Auto is not displayed on the multi-information display.	
While using Android Auto, turn-by-turn navigation is not displayed on the multi-information display or the multimedia system screen.	This is not a malfunction as display of these items is not possible with this function.
While using Android Auto, hands-free call audio cannot be heard from the vehicle's speakers.	End current call. Disconnect the USB cable from the smartphone and try using hands-free calling. Check whether audio can be heard now.
	Increase the volume on the multimedia system and check whether hands-free call audio can be heard. Try using another smartphone. Check whether audio can be heard now.
The phone was connected after Android Auto was stopped.	This operation is in accordance with the specifications of the multimedia system, and is not a malfunction.

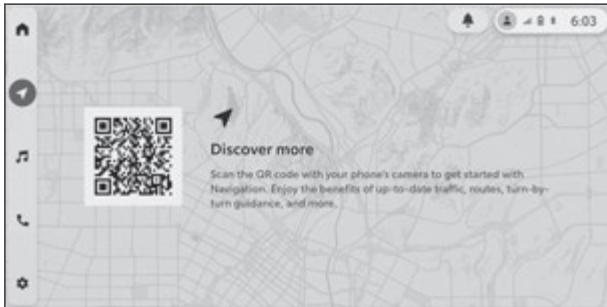
(1) Apps that are not compatible with Apple CarPlay are the apps installed on an iPhone that are not displayed in the app list on the Apple CarPlay screen.

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Cloud navigation*1

The navigation system indicates your current position and helps locate a desired destination. Navigation is now a cloud-enabled service. If your vehicle includes a trial, completing the Connected Services terms of use will activate the service.

Cloud navigation is a subscription service, and an active subscription is required to use navigation in the vehicle. If no active subscription is available or if it has expired, scan the QR code displayed on the screen with your phone's camera to activate cloud navigation through the "Toyota App".



INFORMATION

- To use the navigation, it is necessary to have geolocation turned on in the privacy settings. (→ P.51)
- The QR code is not displayed while driving.

*1 : This function may not be available in some regions.

Map screen overview

To display the map screen, touch [] on the main menu.



A Current vehicle position

Displays current position and orientation of the vehicle. The vehicle's current position can be shared with registered contacts by touching the current position mark. To use this function, a smartphone must be connected to the multimedia system. (→ P.78)

B Map orientation

Displays the orientation of the map. Each touch changes the orientation of the map. (→ P.125)

C Map scale

Increases/reduces the map scale. (→ P.124)

D Navigation settings

Displays the navigation settings that are frequently used, such as guidance volume and roads to avoid. (→ P.126)

E Navigation menu

Searches for destinations by keywords, categories, etc. (→ P.127)

F Voice guidance control

Each touch changes through three states of voice guidance : full guidance, alerts only, and off.

Full guidance : Provides readouts of directions at appropriate times.

Alerts only : Reads out guidance alerts that are displayed via notifications only.



INFORMATION

- The navigation menu and buttons disappear after a certain period of inactivity. Touch the map screen to display them again.
- Certain navigation functions are unavailable or inoperable while the vehicle is in motion. You cannot select grayed-out options until the vehicle is stopped. Voice commands remain operable while the vehicle is in motion.
- When the vehicle is new, or a cable has been disconnected and reconnected to a 12-volt battery terminal, the actual current position of the vehicle and the position displayed by the current position mark may differ. However, after driving for a while, through map matching and received GPS information, the displayed current position will be calibrated automatically.(Depending on the situation, it may take several minutes.) If GPS information is not received and the current position is not calibrated automatically, stop the vehicle in a safe location and calibrate the current position manually.(→ P.161)

Scrolling map

The map can be scrolled by touching, dragging, or flicking the screen.

When the map screen has been scrolled, touch [Ⓐ] or [↶] on the main menu to return to the center of the map as the current position.



- Use two fingers to pan the map up and down and rotate.

INFORMATION

To set a desired point as a destination on the map, touch and hold it (if it is not a POI) or touch the desired POI on the map screen.

Changing map scale

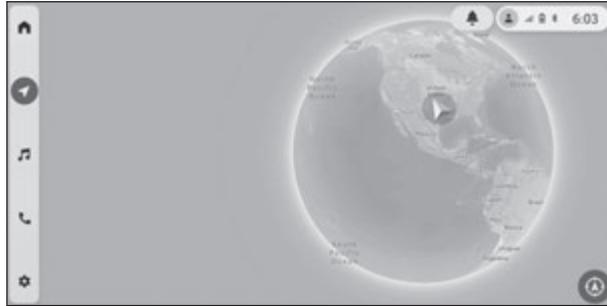
Touch [+] or [-] to change the scale of the map screen. Touch and hold to steplessly change the map scale.



- Using pinch-in and pinch-out gestures can also change the map scale.
- Double tapping with 1 finger can also be used to zoom in. Double tapping with 2 fingers can be used to zoom out.
- Tilting with two fingers can switch between 3D and 2D views.

INFORMATION

- The map zooms in and out automatically when a navigation route is active.
- When the map is fully zoomed out, a world map is displayed.



Changing map orientation

Touch [] on the map screen to switch the map orientation between north up, heading up, and 3D heading up.

- [] : North up

The map is displayed with north at the top.



- [] : Heading up

The map is displayed with the direction of travel at the top.



- [] : 3D Heading up

The map is displayed in 3D with the direction of travel at the top.

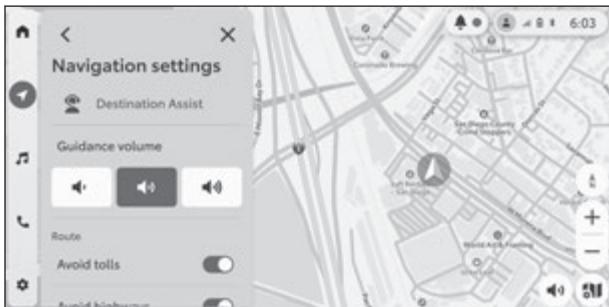


Navigation settings

Frequently used navigation settings, such as guidance volume and roads to avoid, can be set.

1 Touch [] on the map screen.

2 Select the desired item.



[][**Destination Assist**] : Makes a call to Destination Assist. The agent will assist with setting the destination.*1([→ P.135](#))

[**Guidance volume**] : Changes the volume of the navigation guidance.

● "Route"

[**Avoid tolls**] : Avoids routes that use toll roads.

[**Avoid highways**] : Avoids routes that use highways.

[**Avoid ferries**] : Avoids routes that use ferries.

[][**More settings**] : Displays the detailed navigation settings such as map display, route etc.([→ P.159](#))

[][**About**] : Displays the software version and license information.([→ P.164](#))

INFORMATION

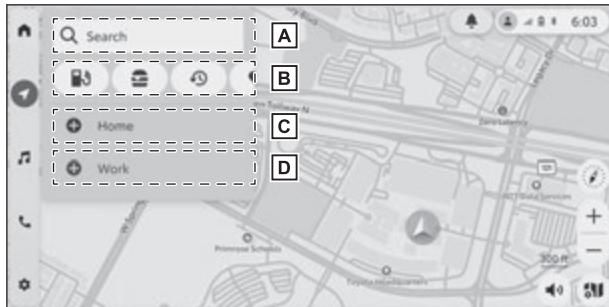
The system may suggest routes that include the avoidance condition if no alternative routes are available, even when the avoidance route setting is turned on.

*1 : This function may not be available in some regions.

Navigation menu

Destinations can be searched by entering keywords such as an address or point of interest (POI), or by various categories.

Select the desired search method.



A Searches for a destination by entering keywords such as an address or a POI. (→ P.128)

While driving, the button changes to [][Ask Toyota] to activate Voice Assistant.

B Searches for a destination by various categories, such as restaurants, favorites, etc. (→ P.130)

C Sets the registered home as the destination.

If the home is not registered, touch [][Home] to register the home. (→ P.150)

D Sets the registered workplace as the destination.

If the workplace is not registered, touch [][Work] to register the workplace. (→ P.150)

INFORMATION

Some search options are not available in guest mode. (→ P.39)

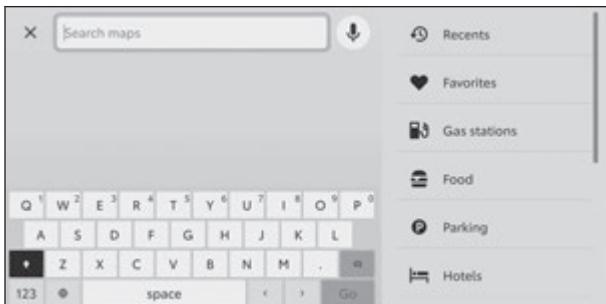
Searching by keyword

Destinations can be searched for by entering keywords such as an address, point of interest (POI), etc.

1 Touch [Q][Search] on the navigation menu.



2 Enter a keyword using the keyboard and touch [Go].



- Suggested destination options will be displayed as you type.
- Touch [Microphone] to use Voice Assistant.
- Touch the desired category button, such as [Food] or [Coffee], to search a destination by category.

3 Select the desired destination from the list or touch POI pins [?] on the map for locations on the list.



- Touch [] to open filter options.*1
- Touch the desired destination to start the route search.(→ P.140)
- Touch [] to immediately start the route guidance.

INFORMATION

- After a destination results list is displayed, scrolling the map performs a new search for the new location with the pre-existing search criteria.

Filtering the list*1

The list of destination candidates can be filtered based on your desired criteria.

1 Touch [] on the destination result list screen.

2 Select the desired filtering criteria.



[Reset] : Clears the order/filter conditions.

[Open now] : Filters the list by locations which are open now.

[Rating] : Filters the list by review scores.

[Price] : Filters the list by price.

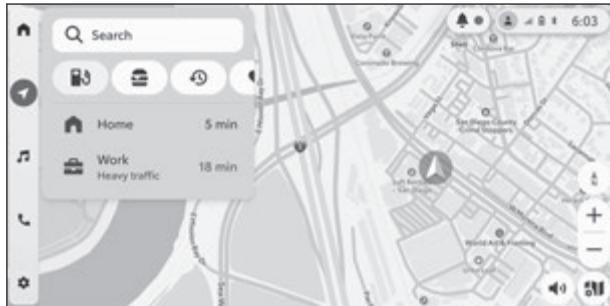
3 Touch [Save] to search with the new filters, or [Cancel] to close and search with the previous filters.

*1 : This function may not be available in some regions.

Searching by category

Destinations can be searched by various categories, such as restaurants, favorites, etc.

Swipe through the categories and select the desired category button on the navigation menu.



[] : Searches for a gas station to set as a destination.(→ P.130)

[]^{*1} : Searches for a charging station to set as a destination.(→ P.131)

[] : Searches for a restaurant to set as a destination.(→ P.132)

[] : Searches for a destination from recent destinations.(→ P.132)

The destination history can also be edited by touching [].

[] : Searches for a destination from your saved favorite places.(→ P.133)

If the favorite is not registered, touch [][**Favorite**] to register the favorite location.(→ P.152)

[] : Displays more categories, such as hotels, hospitals, etc.(→ P.134)

INFORMATION

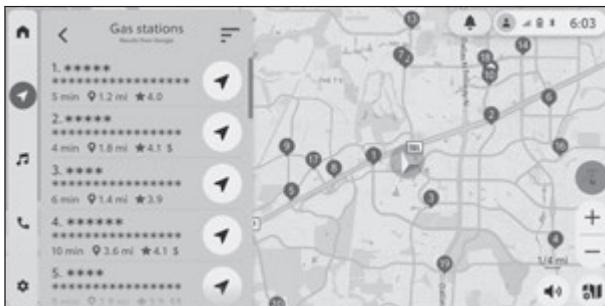
Some category search options are not available in guest mode.(→ P.39)

Searching for gas stations

Gas stations can be searched for and set as a destination.

*1 : Only PHEV

- 1 Swipe through the categories and touch [] on the navigation menu.(→ P.127)
- 2 Select the desired destination from the list or touch POI pins [] on the map for locations on the list.

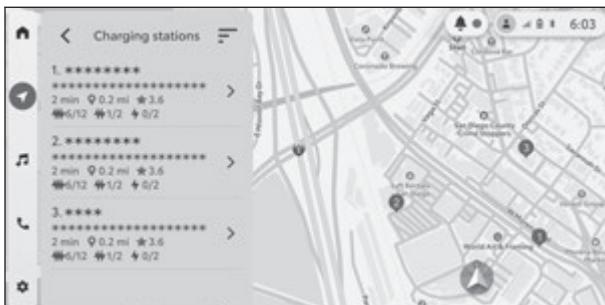


- Touch [] to open filter options.*1(→ P.129)
- Touch the desired POI to display detailed information about the POI.
- Touch [] to immediately start the route guidance.

Searching for charging stations*2

Charging stations can be searched for and set as a destination.

- 1 Swipe through the categories and touch [] on the navigation menu.(→ P.127)
- 2 Select the desired destination from the list or touch POI pins [] on the map for locations on the list.



- Charging speed is displayed as a mark on the list.

[] : Fast

*1 : This function may not be available in some regions.

*2 : Only PHEV

[] : Medium

[] : Low

- Touch [] to open filter options.*1(→ P.129)
- Touch the desired POI to display detailed information about the POI.
- Touch [] to immediately start the route guidance.

Searching for restaurants

Restaurants can be searched for and set as a destination.

- 1 **Swipe through the categories and touch [] on the navigation menu.(→ P.127)**
- 2 **Select the desired destination from the list or touch POI pins [] on the map for locations on the list.**



- Touch [] to open filter options.*1(→ P.129)
- Touch the desired POI to display detailed information about the POI.
- Touch [] to immediately start the route guidance.

Searching for recent destinations

Destinations can be set from recent destinations.

- 1 **Swipe through the categories and touch [] on the navigation menu.(→ P.127)**
- 2 **Select the desired destination from the list.**

*1 : This function may not be available in some regions.



- The destination history can be deleted by touching [].

Deleting the recent destinations

Recent destinations can be deleted.

- 1 Touch [].
- 2 Touch [].
- 3 Touch the desired [] you want to delete.



- Touch [Delete all] to delete all destinations.

- 4 Touch [Save] to complete the deletion, or [Cancel] to cancel the deletion and returns to the previous screen.

Searching for favorite destinations

Destinations can be set from your saved favorite places.

- 1 Swipe through the categories and touch [] on the navigation menu. (→ P.127)
- 2 Select the desired destination from the list.

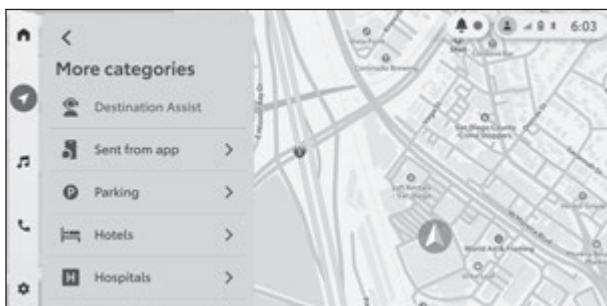


- The favorites can be edited by touching [].(→ P.153)

Searching for more categories

Destinations can be searched for using additional categories, such as hotels, hospitals, etc.

- 1 **Swipe through the categories and touch [] on the navigation menu.(→ P.127)**
- 2 **Touch the desired category.**



[][**Destination Assist**] : Makes a call to Destination Assist. The agent will assist with setting the destination.*1(→ P.135)

[][**Sent from app**] : Sets a destination by selecting a place sent from "Toyota App".

[][**Parking**] : Searches for a nearby parking lot to set as a destination.

[][**Hotels**] : Searches for a nearby hotel to set as a destination.

[][**Hospitals**] : Searches for a hospital to set as a destination.

*1 : This function may not be available in some regions.

[][**Coffee**] : Searches for a nearby coffee shop to set as a destination.

[][**Groceries**] : Searches for a nearby grocery store to set as a destination.

[][**ATMs**] : Searches for a nearby ATM to set as a destination.

[][**Pharmacies**] : Searches for a nearby pharmacy to set as a destination.

Destination Assist^{*1}

Destination Assist provides you with live assistance for finding destinations via the Toyota response center. You can request either a specific business or address, or ask for help locating your desired destination by category, such as restaurants, shopping centers or other Points of Interest (POI).

After you tell the agent your choice of destination, its coordinates/address/destination name are sent wirelessly to your vehicle's navigation system.

1 **Swipe through the categories and touch [] on the navigation menu.**(→ P.127)

2 **Touch [][Destination Assist].**

● Destination Assist can also be operated by the following operations.

- Press the [] switch (talk switch) on the steering wheel, and then say "Destination Assist".
- Say the wake word "Hey, Toyota", and then say "Destination Assist".

3 **Speak to the operator when the call is connected.**



*1 : This function may not be available in some regions.

- The operator will confirm the desired destination information and send the destination to the vehicle navigation screen. You can also ask the agent to send additional destinations, to select a destination as a waypoint, or to replace the current destination.
- Touch [] on the status bar to display the call screen in full screen.
- Touch the [] or ask the agent to end the call.



INFORMATION

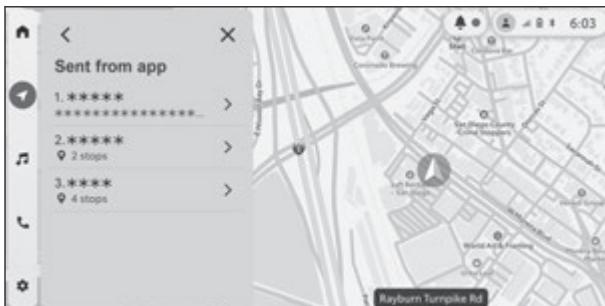
- You can ask the agent to set up to 5 destinations, including waypoints.
- To use the Destination Assist function, it is necessary to have geolocation turned on in the privacy settings.(→ P.51)

Send to car

Send to car is a feature that allows you to search for a POI using the "Toyota App" and send the location to your vehicle's navigation system to set it as a destination.

Setting the destination from the list sent from your smartphone

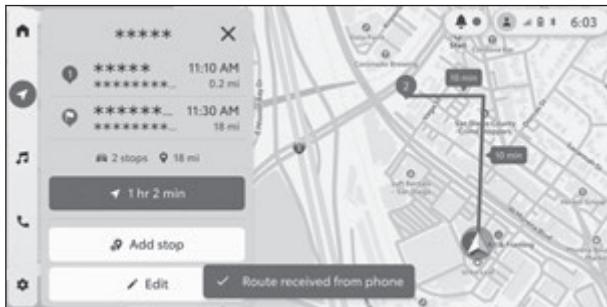
- 1 **Swipe through the categories and touch [] on the navigation menu.(→ P.127)**
- 2 **Touch [][Sent from app].**
- 3 **Select the desired destination/route.**



- If the selected route includes multiple stops, they can also be set as waypoints.

Setting the destination from notification pop-up

When destinations are received from your smartphone, a pop-up screen will appear. Touch the navigate button to start navigation to the destinations.



- If the route received from the smartphone includes multiple stops, they can also be set as waypoints.
- When destinations are received during active route guidance, touch **[Start trip]** on the pop-up screen to set the destinations sent from your smartphone.

INFORMATION

For details on how to send destinations from your smartphone to the navigation system, refer to the "Toyota App".

Searching by voice control

Destinations can be set using the Voice Assistant.

- 1 Say the wake word "Hey, Toyota", or press the [] switch (talk switch) on the steering to activate the Voice Assistant.
- 2 Say the keyword you wish to use for the search.



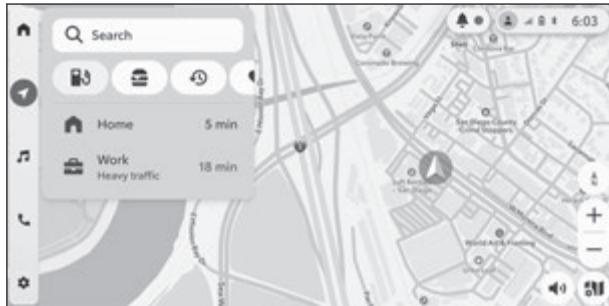
- 3 Select the desired destination from the list, or use a voice command to choose from the list.



Searching on the map screen

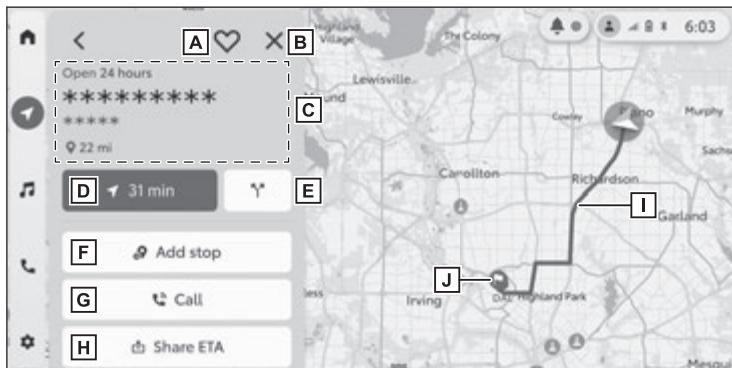
A destination can be set by selecting the desired location on the map.

To set a desired point as a destination on the map, touch and hold it (if it is not a POI) or touch the desired POI on the map screen.



Route overview

Before starting route guidance, the route overview screen will be displayed. On this screen, you can select the desired route, add waypoints, and more.



- [A] Registers the searched location as a favorite. The location can then be easily searched for from the favorites list. (→ P.152)
- [B] Closes the POI details.
- [C] Displays destination information such as business hours, address, and distance.
- [D] Starts route guidance to the destination.
 - The estimated time to the destination will be displayed.
- [E] Displays alternate routes. One of multiple routes can be selected. (→ P.141)
- [F] Adds waypoints along the route. (→ P.142)
 - Up to 5 destinations, including waypoints, can be set.
- [G] Calls the phone number registered to the POI.
- [H] Shares location and ETA (Estimated Time of Arrival) to a phone-book contact. To use this function, a smartphone must be connected to the multimedia system. (→ P.78)
- [I] Displays the level of traffic congestion on the route with colors.
 - Low or zero congestion : Blue
 - Medium congestion zones/segments : Orange
 - Heavy congestion zones/segments : Red
 - Severe congestion zones/segments : Dark red
 - Closed routes : Dark red + (icon)
- [J] Shows the location of the final destination.

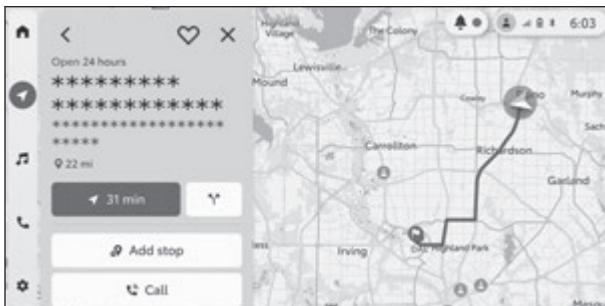
INFORMATION

- When multiple destinations have been set, touching [] [Edit] allows you to change the order of destinations or delete them.
- When in active route guidance, touching [] [New trip] starts a new route search to the POI.
- Waypoints can be added by the following operations.
 - Touch and hold a desired point on the map. (if it is not a POI)
 - Touch the desired POI on the map.
- The route search may not be available if the distance from your current location to the destination is too short or too long.
- The route guidance to the destination may not be the shortest route or a route without traffic congestion.
- Route guidance may not be available if there is no road data for the specified location.
- If a destination that is not located on a road is set, the vehicle will be guided to the point on a road nearest to the destination. The road nearest to the selected point is set as the destination.

Selecting an alternate route

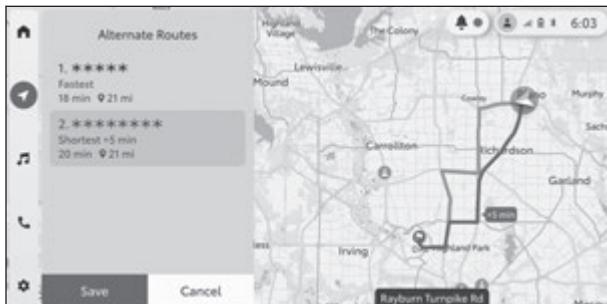
A desired route can be selected from several routes with different conditions.

- 1 Touch [] on the route overview screen.



- 2 Touch the desired route from the list or directly on the map screen and touch [Save].

3-4. Route search and guidance



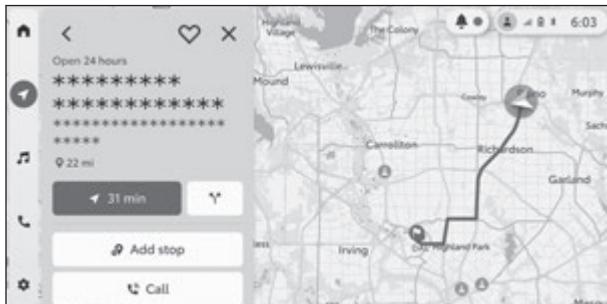
- The final destination is displayed with a red pin.
- The selected route is displayed in blue.
- Alternate routes are displayed in gray.
- Severe congestion zones/segments are displayed in dark red.
- Heavy congestion zones/segments are displayed in red.
- Medium congestion zones/segments are displayed in orange.

3 Touch [Save].

Adding stops to a route

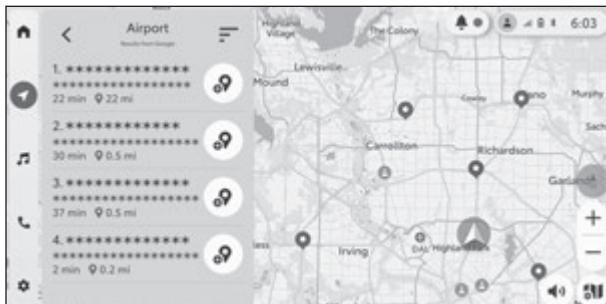
If a destination has already been set, new destinations can be added as waypoints.

1 Touch [] [Add stop] on the route overview screen.



2 Search for a POI.

3 Touch [] of desired POI to add a waypoint.

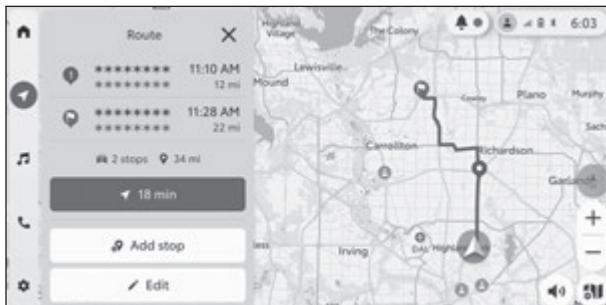


- Touch [=] to open filter options.*1(→ P.129)

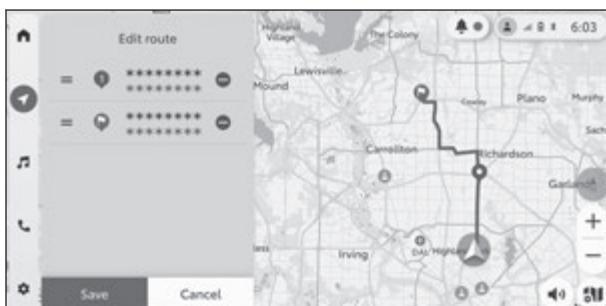
Editing the route

When multiple destinations have been set, the order of the destinations can be changed, or the destinations can be deleted.

- 1 Touch [=][Edit] on the route overview screen.



- 2 Drag and drop [=] to change the order of the destinations, or touch [] to delete them.



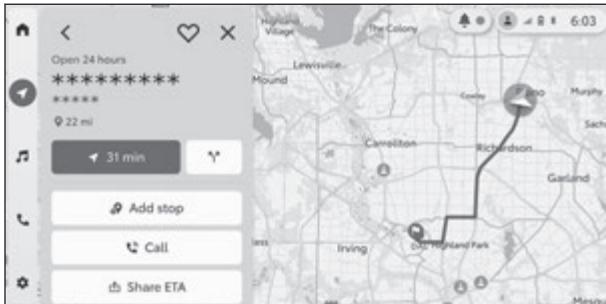
- 3 Touch [Save] after editing.

*1 : This function may not be available in some regions.

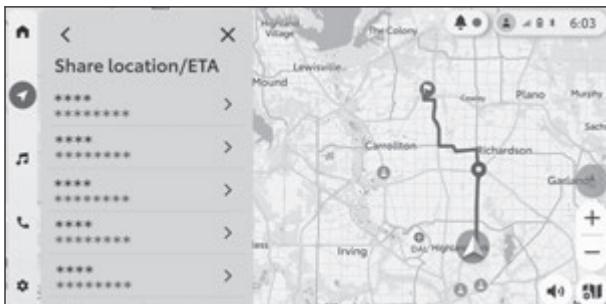
Sharing the ETA (Estimated Time of Arrival)

The ETA (Estimated Time of Arrival) can be shared to a phonebook contact. To use this function, a smartphone must be connected to the multimedia system.

- 1 Touch [][Share ETA] on the route overview screen.



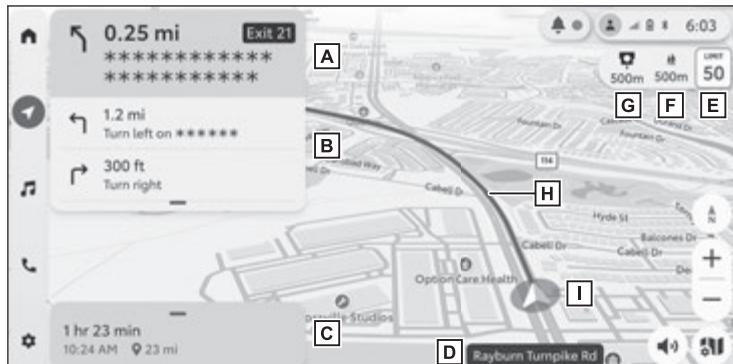
- 2 Select the desired contact with whom you wish to share your ETA (Estimated Time of Arrival).



- 3 Touch [Share].

Route guidance screen

During route guidance, various route information is displayed on the map screen, depending on the situation.



A Displays information about the upcoming navigation point, such as the distance to the next guidance point, turn directions, recommended lanes, etc.

Touching the arrow plays the voice guidance.

B Displays when there is an action that needs to happen quickly after the next action (consecutive maneuver). Touch or swipe down [] to display the turn-by-turn directions. (→ P.147)

C Displays the time to your destination, estimated arrival time, distance, etc. (→ P.147)

Touching this area displays route options, such as ending the route, searching along the route, viewing alternate routes, and checking destination/route information.

D Displays the name of the road the vehicle is currently driving on. (Only available for points with information in the map data)

E Displays the speed limit for the current road.*1

The speed limit sign is highlighted in red when the speed is exceeded.

F Displays a school zone icon and the distance to it when approaching a school zone. The icon remains visible while driving through the zone.

G Displays the speed camera icon in white, along with the distance to it when approaching. If the vehicle is within an active average speed zone, the icon turns red and instead shows the distance to the zone's end.*1

*1 : This function is not available in some countries or areas.

Touch [] to report speed cameras to the traffic provider along the route.

H Displays the route to the destination in blue. If there is traffic congestion, the color of the route will change as follows:

- Severe congestion : Dark red
- Heavy congestion : Red
- Medium congestion : Orange

I Displays the current position of the vehicle.

INFORMATION

- If a faster route is found during route guidance, a suggestion to change routes will be displayed.
- If the vehicle goes off the guidance route, the route will be recalculated.
- In some areas, roads have not been fully digitized in the database. For this reason, route guidance may select a road that should not be passed through.
- At guide points such as intersections, the map display automatically zooms in and out.
- Stop signs[][]/traffic lights[] appear along an active route.
- During route guidance, voice guidance for the active route is available regardless of whether the navigation screen is being shown. Voice guidance provides information about locations for turns and U-turns, highway entrances and exits, as well as suggested lanes for these maneuvers, etc. These locations are referred to as guidance points. Voice prompts will be played 2-3 times at specific distances when approaching a guidance point. The language for voice guidance can be configured.
- Voice guidance may be made early or late.
- If the navigation system cannot determine the current position correctly, you may not hear voice guidance.

WARNING

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

Displaying the turn list

Displays the directions to the destination in a list. Route information, such as the roads to be taken and the distances between sections, can be displayed.

1 Touch or swipe down [—] on the route guidance screen.



2 Check that the turn list is displayed.



- Swipe up to scroll the list.
- Touch the bar or swipe up on the bar to close the list.

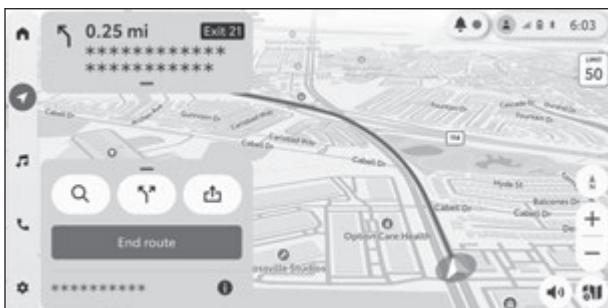
Displaying the route options

Ending the route, searching along the route, viewing alternate routes, and checking destination or route information can be performed during active route guidance.

1 Touch the area displaying the time to your destination, estimated arrival time, and distance on the route guidance screen.



2 Touch the desired options.



[] : Searches for a POI.

While driving, the button changes to [] to activate Voice Assistant.

[] : Displays alternate route. One of multiple routes can be selected. (→ P.141)

[] : Shares ETA (Estimated Time of Arrival) to a phonebook contact.

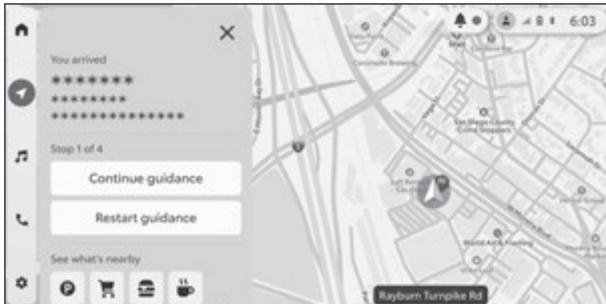
If there are multiple stops, the button changes to [] to change the order of the destinations or delete them. (→ P.143)

[**End route**] : Ends the route guidance.

[] : Displays information about the destination, such as route progress, etc.

When arriving at the destination

When you arrive at a destination, the destination arrival information screen will be displayed.



[Continue guidance] : Begins guidance to the next stop when multiple destinations have been set.

[Restart guidance] : Restarts guidance to the arrived destination. Any later destinations are retained.

[P] [][][][] : Search for parking lots, shopping centers, restaurants, etc. near your destination.

INFORMATION

To search for parking lots near the destination, **[Find parking]** in the map display settings needs to be turned on(→ P.160).

Setting up Home and Work

By registering your home and work locations, you can easily route to your home address or workplace by simply touching the icon from any location.

Setting up Home and Work from the navigation menu

- 1 Touch **[+][Home]/[+][Work]** on the navigation menu.



- 2 Enter the address and touch **[Go]**.
- 3 Select the desired location from the list.
 - The location is saved as home or work and added to your profile.

INFORMATION

This function is not available while driving and can only be used via the Voice Assistant.

Setting up Home and Work from the favorites list

Home and Work locations can also be registered from the favorites list screen.

- 1 Swipe through the categories and touch **[Heart]** on the navigation menu. (→ [P.127](#))
- 2 Touch **[+][Home]/[+][Work]**.
- 3 Enter the address and touch **[Go]**.
- 4 Select the desired location from the list.

Editing Home and Work from the favorites list

Registered Home and Work locations can be edited from the favorites list screen.

- 1 Swipe through the categories and touch [Heart] on the navigation menu.(→ P.127)
- 2 Touch [].
- 3 Edit the favorites list.



- Touch [] of home or work to edit the location.
- Touch [] of home or work to delete the location.

- 4 Touch [Save] to complete the editing, or [Cancel] to cancel the editing and returns to the previous screen.

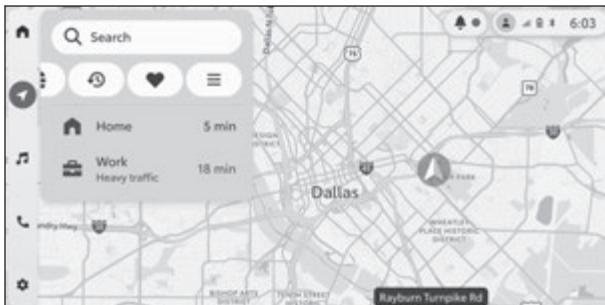
Setting up favorite locations

By registering an POI, you can easily route to the POI by simply selecting the POI on the favorites list screen.

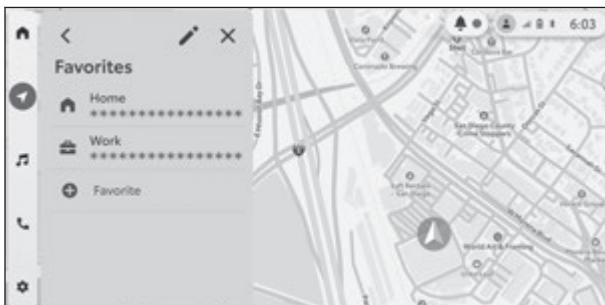
Setting up favorite locations from the favorites list

Favorite locations can be set on the favorites list screen.

- 1 **Swipe through the categories and touch [Heart] on the navigation menu.**



- 2 **Touch [Heart][Favorite].**
- 3 **Enter a keyword using the keyboard and touch [Go].**
- 4 **Select the desired POI from the list if multiple results are found.**

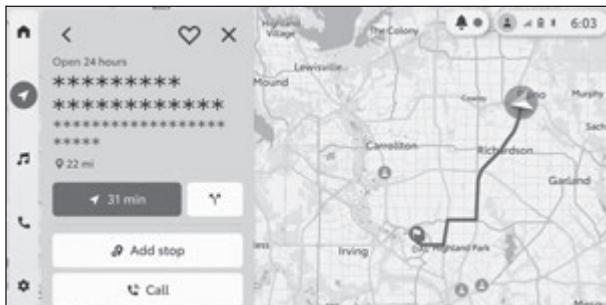


- The POI is registered on the favorites list and added to your profile.

Setting up favorite locations on the map screen

Favorite locations can be set on the map screen.

- 1 **Touch the POI icon on the map.**
- 2 **Touch [Heart].**



- The POI can be removed from the favorites list by touching the button again.

Editing favorites from the favorites list

Registered favorite places can be edited from the favorites list screen.

- 1 **Swipe through the categories and touch [Heart] on the navigation menu. (→ P.127)**
- 2 **Touch [Edit].**
- 3 **Edit the favorites list.**



- Touch [Edit] of home and work to edit the locations.
- Touch [Delete] of home or work to delete the location.
- Touch [Delete all] to delete all favorites.

- 4 **Touch [Save] to complete the editing, or [Cancel] to cancel the editing and returns to the previous screen.**

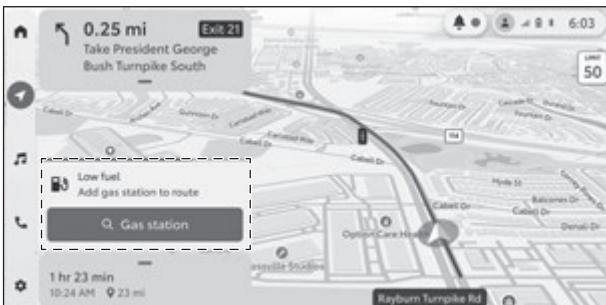
Fuel station suggestion

When the fuel level becomes low while driving, the system suggests nearby gas stations.

► When the route guidance is inactive



► When the route guidance is active



- Touch the popup screen to display a list of nearby gas stations.

INFORMATION

Suggestions for fuel stations can be turned ON/OFF in the detailed navigation settings. (→ P.159)

Traffic information^{*1}

Traffic information, such as accidents, road closures, and construction updates, is displayed on the screen as a banner, pop-up, or icon.

► When the route guidance is inactive



► When the route guidance is active



- Traffic information such as the following will be displayed with icons. The traffic information shown may vary depending on the country, region, and situation.

[] : Traffic accident

[] : Construction

[] : Lane closure

[] : Weather warning

[] : Traffic caution

- Touching [**Dismiss**] or waiting for a certain period of time will close the pop-up screen.

*1 : This function may not be available in some regions.



INFORMATION

Some traffic information displays can be turned ON/OFF in the detailed navigation settings(→ P.159)

Predictive Efficient Drive^{*1*2*3}

This system operates based on the driving situation and traffic information to enhance fuel economy.

The Predictive Efficient Drive function can be turned on/off.
(→ P.162)

Predictive Deceleration Support

The system is using collected driver's actions in the past to predict deceleration/stop points. By providing deceleration support to collected deceleration/stop points, the hybrid battery charge amount can be increased.

The system automatically stores and registers as a Predictive Deceleration Support location where the driver always decelerates or stops based on pedal operation and the vehicle speed of the driver.

The registered Predictive Deceleration Support locations are shown on the map as icons [].

When the position of the vehicle approaches the registered Predictive Deceleration Support location, [] is highlighted.

INFORMATION

- The upper limit of the icons which can be displayed on the screen is [100].
- If the number of registered Predictive Deceleration Support locations exceeds the limit, excess locations will be deleted starting with the Predictive Deceleration Support location with the oldest data.
- The icon is displayed in a more detailed map than 1/80000. (excluding city map)
- If driver sets a destination, Predictive Deceleration Support location outside the route isn't highlighted.
- Registered Predictive Deceleration Support points cannot be restored once deleted.
- Registered Predictive Deceleration Support points cannot be deleted one by one.

*1 : If equipped

*2 : This function can only be used in the mainland U.S.A. It cannot be used in other states and territories, including Alaska and Hawaii.

*3 : Refer to "OWNER'S MANUAL".

Predictive SOC Control^{*1*2}

The following types of control are performed based on data such as road and traffic information to help ensure that the vehicle efficiently uses electricity.

- When there is a long downhill slope along the route, the system reduces the hybrid battery level before reaching the slope to help ensure charging capacity for regenerative braking while traveling downhill.
- When traffic congestion is predicted along the route, the system helps ensure a certain battery level before reaching congested roads to reduce the frequency of starting the engine to charge the hybrid battery due to low battery levels.

INFORMATION

- The system operates when starting route guidance and the position of the vehicle is along the guided route. (The system does not operate in parking lots, etc.)
- When multiple destinations are set, the system will continue to operate to the last destination.

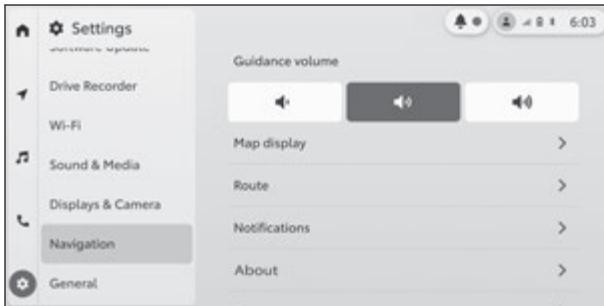
*1 : SOC means state of charge.

*2 : Only HEV

Detailed navigation settings

Detailed navigation settings can be changed, such as map display, route, notifications, etc.

- 1 Touch [] on the main menu.
- 2 Touch [Navigation].
- 3 Select the desired item.



[Guidance volume] : Changes the volume of the navigation guidance.

[Map display] : Displays the map display settings menu.(→ P.160)

[Route] : Displays the route display settings menu.(→ P.162)

[Notifications] : Displays the notifications settings menu.(→ P.163)

[About] : Displays the software version and license information.(→ P.164)

INFORMATION

- The detailed navigation settings can also be displayed by touching [] on the map screen, and then [More settings].

Map display settings

Information displayed on the map screen can be customized, such as stop signs, traffic lights, and more. Additionally, the current vehicle position can be adjusted manually.

1 Touch the buttons in the following order.

[] > [Navigation] > [Map display].

2 Select the desired item.



[Stop signs] : Displays stop sign icons on the map.

[Find parking] : Displays parking options near the destination when you arrive at your destination.

[Traffic lights] : Displays the traffic light icons on the map.

[Speed limit] : Displays the speed limit on the map.

[Work] : Displays the work icon on the map.

[Home] : Displays the home icon on the map.

[Favorites] : Displays the favorites icons on the map.

[Traffic] : Displays traffic congestion on the map.

[Free flowing traffic] : Controls the display of free-flowing traffic information on the map specifically.

[2.5/3D Buildings] : Displays 3D building extrusions.

[Traffic incidents] : Displays the traffic incident icons on the map.

[Local language labels] : Displays country and feature names in the selected language on the map screen. This setting is available only when the cloud map is in use.

[Recalibrate map] : Adjusts the current vehicle position manually.

Adjusting vehicle position

When driving, the current position mark will be automatically calibrated by GPS signals. If GPS reception is poor at the current location, the current position mark can be calibrated manually.

1 Touch the buttons in the following order.

[] > [Navigation] > [Map display] > [Recalibrate map].

2 Scroll the map to the desired point and touch [Done].



3 Touch [Save].

[Reset] : Returns the current position mark to its previous position.

INFORMATION

This function cannot be performed while driving.

Route settings

Route settings can be customized, such as avoiding certain areas or sections of road, etc.

1 Touch the buttons in the following order.

[] > [Navigation] > [Route].

2 Select the desired item.



[Voice guidance during calls] : Allows the guidance voice to interject during phone calls.

[Avoid highways] : Avoids routes that use highways.

[Avoid tolls] : Avoids routes that use toll roads.

[Avoid ferries] : Avoids routes that use ferries.

[Avoid HOV/HOT lanes] : Avoids high-occupancy vehicles lane/high-occupancy toll lane.

[Avoid seasonal roads] : Avoids routes that have seasonally restricted roads.

[Avoid border crossings] : Avoids routes that cross borders.

● "Predictive Efficient Drive (PED)"

[PED] : Uses the Predictive Efficient Drive function.

[Show leaf] : Displays the leaf icon for efficient areas. You can delete the learning data after changing [**Show leaf**] to disabled.



INFORMATION

The system may suggest routes that include the avoidance condition if no alternative routes are available, even when the avoidance route setting is turned on.

Notification settings

Notifications can be customized, such as traffic alerts, turn-by-turn directions, etc.

1 Touch the buttons in the following order.

[] > [Navigation] > [Notifications].

2 Select the desired item.



[HOV/HOT lanes] : Notifies an alert when entering a high-occupancy vehicle lane or high-occupancy toll lane.

[Traffic alerts] : Notifies an alert when there are slowdowns due to traffic.

[Turn-by-turn] : Notifies for turn-by-turn guidance.

[Low fuel] : Notifies when the fuel level is low.

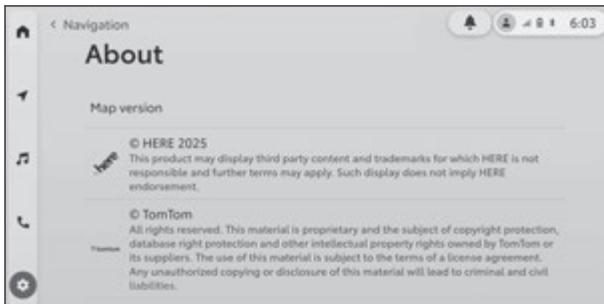
Map database information

Map data information such as the open source license information can be displayed.

1 Touch the buttons in the following order.

[] > [Navigation] > [About].

2 Check that the map information screen is displayed.



"Map version" : Displays the current map database version.

[>] : Displays all of the open source license information for Mapbox.



INFORMATION

■ About the map database

- Facility information/nearby information : Searched for facility names and position information will be sent to Google. Based on the information received, Google provides services, including sending of facility information and nearby information, which is displayed on this multimedia system.
- Traffic congestion information : The time when the vehicle is connected, and position information is sent to TomTom Global Content B.V. (herein referred to as "TomTom"). Based on the information received, TomTom will provide services, including sending of traffic congestion information, which is displayed on this multimedia system.
- The map display and some map data are provided by Mapbox in collaboration with HERE Global B.V. (herein referred to as "HERE") and TomTom.
- Some facility and nearby information is provided by Google. In some conditions with low connectivity, facility information and surrounding information are provided by "HERE".
- By using these services, you agree to the notices, privacy policy, or terms of use of each service provider. For the terms of use of each

service provider, please refer to the following URLs. For some models, you must obtain prior consent to use of the service from a dealer, etc., in accordance with regulations.

- TomTom

https://www.tomtom.com/en_gb/legal/eula-automotive/

https://www.tomtom.com/en_us/privacy/

- Mapbox

<https://www.mapbox.com/platform/security>

<https://www.mapbox.com/legal/privacy>

- Toyota Motor Corporation and its affiliates do not guarantee the operation, quality, accuracy of information provided, or make any other guarantees regarding these services, and are not liable for any damages to the user caused by the content of, delays in, or interruption.

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Audio system ON/OFF and volume adjustment

The audio can be turned off when not in use, or the volume can be adjusted to an appropriate level.

The system can be used when the power switch is in ACC^{*1} or ON.

⚠ NOTICE

- Do not use the audio system for extended periods when the hybrid system is not operating. Doing so may cause the 12-volt battery to run down.
- Listen to the audio at an appropriate volume that will not interfere with safe driving.

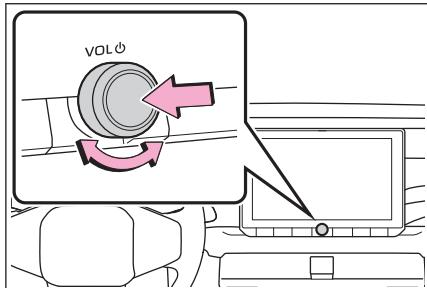
▢ INFORMATION

■ When ACC customization (Accessory mode) is in on

With the power switch turned off, the multimedia system can still be used for a certain time until the battery-saving function starts operating. To turn off the multimedia system, perform either of the following actions:

- Press the audio control knob.
- Open the driver's door.

■ Operating with the audio control knob

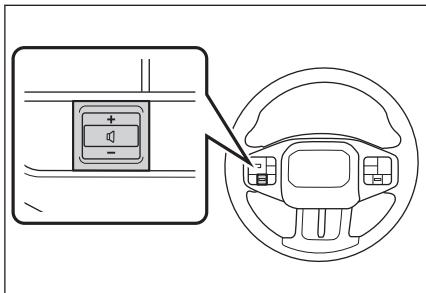


POWER/VOLUME knob

Turns audio on or off with each press. Turn to adjust the volume.

*1 : ACC mode can be enabled/disabled on the customize menu. For details, refer to "OWNER'S MANUAL".

■ Operating with the steering switches



[] switch

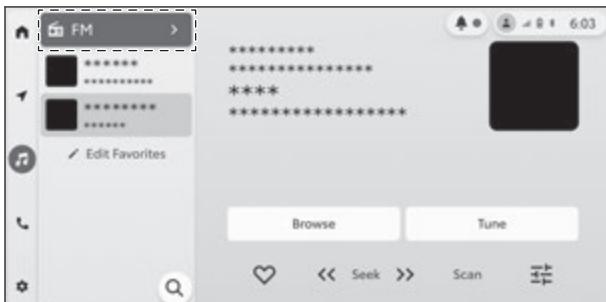
Adjusts the audio volume.

Keep raising or lowering to adjust continuously.

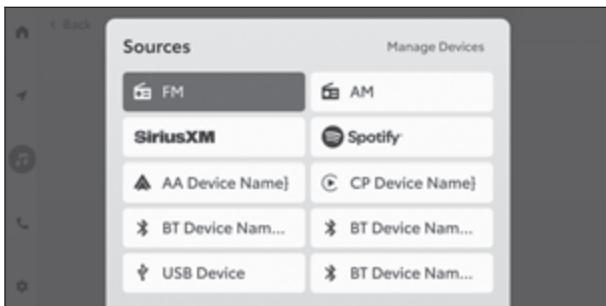
Selecting an audio source

An audio source, such as radio, USB, etc., can be selected.

- 1 Touch [] on the main menu.
- 2 Touch the source selection button.



- 3 Touch the source you wish to select.



INFORMATION

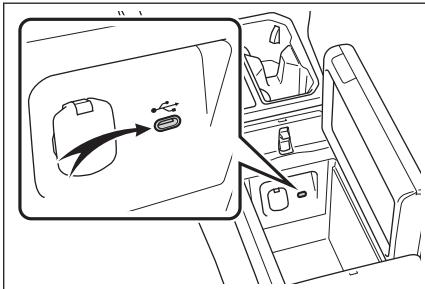
- When no device is connected to the multimedia system, the switch does not appear on the source selection screen. (USB/iPod/Apple CarPlay/Android Auto/Bluetooth® audio)
- If a cellular phone is used inside the vehicle or nearby while listening to audio, noise may be output from the audio speakers.
- The following functions cannot be used depending on the connection method for Apple CarPlay.
 - Bluetooth® audio
 - USB audio
 - iPod mode
 - Android Auto

- The following functions cannot be used depending on the connection method for Android Auto.
 - Bluetooth® audio
 - USB audio
 - iPod mode
 - Apple CarPlay

Connecting a device via the USB Type-C port

Connect a device such as smartphone or portable player.

- **Open the console box and connect the USB Type-C cable to the port.**



When connecting a USB flash drive, connect it directly to the USB Type-C port.

INFORMATION

- Viewing may not be possible, depending on your device.
- When a USB hub is used to connect multiple devices, devices other than the first device to be recognized cannot be used.*1
- Refer to the instruction manual of the USB Type-C cable and the device to be connected.
- Use a power source such as the battery supplied with the connected device. Using the accessory socket installed in the vehicle may cause noise output. (Refer to "OWNER'S MANUAL" for details on the accessory socket.)

WARNING

- For safety, driver should not operate portable device while driving.
- To prevent device malfunction or burn injuries, please observe the following precautions. Failure to do so may lead to a device malfunction/damage, or may result in burn injuries due to overheating.
 - Do not cover connected devices with cloth etc.
 - Do not use damaged harness or a device.
 - Do not disassemble, modify, or remove the USB Type-C port.

*1 : The USB hub support cannot be guaranteed.

⚠ WARNING

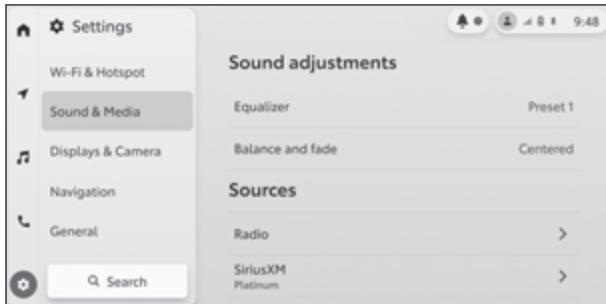
- Do not apply excessive force or impact to the connected device or Type-C cable.

⚠ NOTICE

- It may not be possible to completely close the console box depending on the shape and size of the device being connected. In this case, do not attempt to forcibly close the console box. Doing so may damage the device or port.
- Do not push down on or subject the connected device to unnecessary pressure. The device or its terminal may be damaged.
- Keep the port free of foreign matter. The device or its port may be damaged.
- When the connected device or USB Type-C cable is damaged, the connected device may not be charged properly.

Changing sound and media settings

- 1 Touch [] on the main menu.
- 2 Touch [Sound & Media] on the sub menu.
- 3 Touch the desired item.



● [Sound adjustments]

Setting	Content
[Equalizer]	Up to 4 favorite settings can be registered. Adjust the sound range of the selected setting as desired. Touch [Reset] to return to the initial value (flat). Type A : <ul style="list-style-type: none">● "Treble" : Adjusts the level of the treble.● "Mid" : Adjusts the level of the midrange.● "Bass" : Adjusts the level of the bass. Type B : Adjusts the level of each sound range.
[Balance and fade]	Adjust the fader and balance by moving []. Touch [Center] to return to the center.

● [Sources] > [Radio]

Setting	Content
"Radio"	
[Show FM information]	Displays RDS (Radio Data System) text.
[HD Radio™ FM]	Receives HD radio™ in all frequency bands of FM radio.

Setting	Content
[HD Radio™ AM]	Receives HD radio™ in all frequency bands of AM radio.
"Enhanced Gracenote® content"(1)	
[License information]	<p>Uses the Gracenote® radio recognition technology.</p> <ul style="list-style-type: none"> ● Displays the logos of the favorites and the station list. ● Organizes radio stations by categories. ● Automatically updates the station list.

(1) This function is not available in some regions.

● **[Sources] > [SiriusXM]^{*1}**

Setting	Content
"Account information"	
[Subscribed] or [No subscription]	Displays the current subscription status. For subscription related questions, please call SiriusXM® Satellite Radio.
"Listener items"	
[Listener settings]	<p>[Block explicit content] : Blocks explicit content.</p> <p>[Tune start] : For SiriusXM favorite stations the music will play for the beginning of the track.</p> <p>[Start-up recommendations] : Provides recommendations for music based on listening behavior.</p> <p>[Share location data] : Shares location data to SiriusXM.</p> <p>[Reset listening history] : Resets listening history.</p>

*1 : This function is not available in some regions.

4-2. Sound and media settings

Setting	Content
[Sports notifications]	<p>[Sports] : Notifications for the favorite sports team selected.</p> <p>NFL : Touch [Edit] to register your favorite NFL team.</p> <p>MLB : Touch [Edit] to register your favorite MLB team.</p> <p>NBA : Touch [Edit] to register your favorite NBA team.</p> <p>NHL : Touch [Edit] to register your favorite NHL team.</p>
[Artist & song notifications]	<p>[Artist & songs] : Notification when an artist or song registered as a favorite is played on SiriusXM Radio.</p> <p>[Edit] : Deletes the artist or song.</p> <p>[Delete all] : Deletes all the artists or songs registered as favorites.</p>
<p>"Help and support"</p>	
[Contact SiriusXM]	Displays the number of SiriusXM Radio Customer Care. Touch the number to call directly.
[Your privacy choices]	Displays the SiriusXM information on user's privacy choices.
[SiriusXM Legal]	Displays the SiriusXM information on SiriusXM policies.

● [Media]

Setting	Content
[Display cover art]	Controls the display of cover art for music albums in AM, FM, USB flash drive and Bluetooth® audio.

INFORMATION

- Turning the POWER/VOLUME knob during system voice guidance adjusts the volume of the voice guidance.
- Audio sound settings can be selected from the now playing screen.

Listening to the radio

Switch to your preferred frequency or service and listen to the radio.

INFORMATION

Radio mode has a mix preset function, which can store up to 20 stations from any of the AM, FM and SiriusXM bands.

Listening to the FM/AM radio

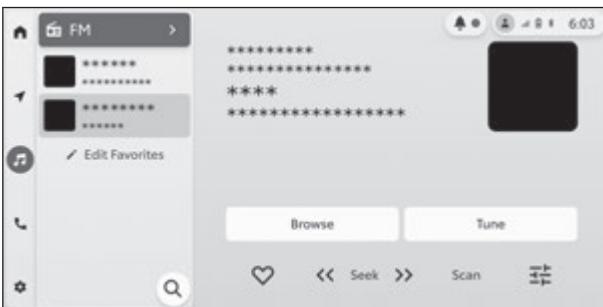
Switch to your preferred frequency or service and listen to the radio.

INFORMATION

The radio automatically blends to an HD Radio™ signal in AM or FM where available. The radio automatically changes to stereo reception when a stereo broadcast is received.

- 1 Touch [] on the main menu.
- 2 Touch the source selection button.
- 3 Touch [FM] or [AM].
- 4 Select the broadcasting station from the station list or genre.
- 5 Operate the radio that is being received as necessary.

● Operating from the screen



Favorites list of sub menu : Display preset broadcasting stations/channels as favorites.

Touch [**Edit Favorites**] to edit the favorites list.

[ 2] : Displayed when Multicast CH is supported in FM mode. Touch to display the SPS channel list. The mode can be changed to the displayed SPS channel list.

[Browse] : Display the broadcasting stations by category.

Touch **[Refresh]** to search again for the receivable broadcasting stations.

[Tune] : Select the broadcasting station by entering a frequency with the numeric keypad.

[] : Registers the currently received broadcasting station in favorites. When registered, touch to cancel.

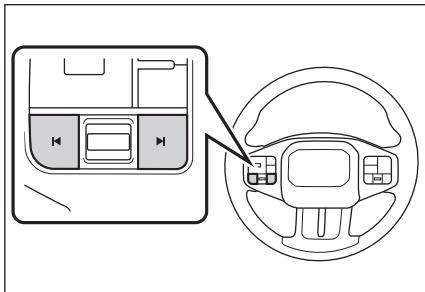
[Seek] : Touch [] or [] automatically select the broadcasting station closest to that position with the best radio reception. Touch and hold to jump to the next frequency with available radio signal. When released, the broadcasting station closest to that position with the best radio reception is selected automatically.

[Scan] : SEEK UP and output the audio of the detected station for 10 sec. This is repeated.

[] : Displays the settable items.

- **[Settings]** : Display the sound and media setting screen. (→ P.174)
- **[Sound adjustments]** : Select to select the sound settings such as equalizer sound effect. (→ P.174)

● Operating with the steering switches



[◀]/[▶] switches

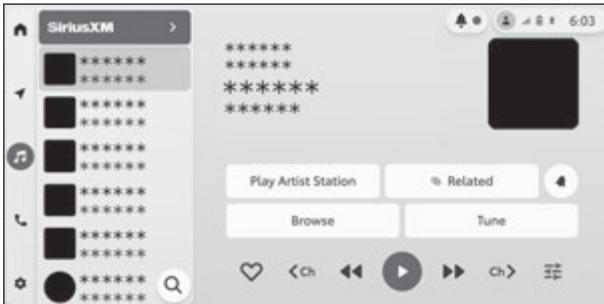
Switch the frequencies or broadcasting stations registered in the preset buttons order. Press and hold to switch frequencies. When released, the broadcasting station closest to that position with the best radio reception is selected automatically.

Listening to the SiriusXM® Satellite Radio (SiriusXM Radio)*1

*1 : This function is not available in some regions.

- 1 Touch [] on the main menu.
- 2 Touch the source selection button.
- 3 Touch [SiriusXM].
- 4 Select the broadcasting station from the station list or genre.
- 5 Operate the radio that is being received as necessary.

● Operating from the screen



Favorites list of sub menu : Display preset broadcasting stations/channels as favorites.

Touch [**Edit Favorites**] to edit the favorites list.

[**Related**] : Displays content related to the received channel.

[] : Select an artist or song, or both an artist and song, to receive a notification when the corresponding broadcast starts. (When receiving a regular channel) Select a sports team to receive a notification when the corresponding broadcast starts. (When receiving a sport channel)

[**Browse**] : Display the broadcasting stations by genre.

[**Tune**] : Select the broadcasting station by entering a frequency with the numeric keypad.

[] : Registers the currently received channel in favorites. When registered, touch to cancel.

[]/[] : Touch to search for the receivable channels. Touch and hold to jump to the next frequency with available radio signal. When released, the current channel is received.*1

[]/[] : Touch to respond to with a favorable or unfavorable vote button (thumbs up or thumbs down). When the like button is selected,

*1 : Not applicable when a Pandora Station is played back.

touch to cancel. When the dislike button is selected, the song will be skipped and the next song will be played.*1

[◀◀]/[▶▶] : Fast rewind or fast forward the radio cache. Touch and hold to jump to the start or end of the buffer.

[⏸] : Pause the radio cache.

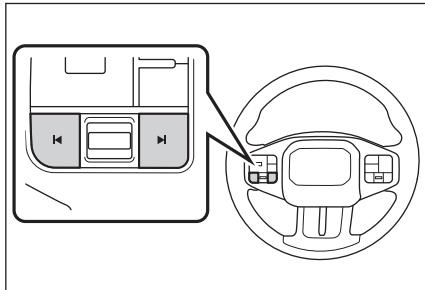
[▶] : Play the radio cache.

[≡] : Displays the settable items.

- [Settings] : Display the sound and media setting screen.(→ P.174)

- [Sound adjustments] : Select to select the sound settings such as equalizer sound effect.(→ P.174)

● Operating with the steering switches



[◀]/[▶] switches

Switch the channels registered in the preset buttons order. Press and hold to switch channels. When released, the channel closest to that position with the best radio reception is selected automatically.

*1 : Applicable only when a Pandora Station is played back.

Troubleshooting guide

Experience	Cause	Action
Mismatch of time alignment a user may hear a short period of programming replayed or an echo, stutter or skip.	The radio stations analog and digital volume is not properly aligned or the station is in ballgame mode.	None, radio broadcast issue. A user can contact the radio station.
Sound fades, blending in and out.	Radio is shifting between analog and digital audio.	Reception issue, may clear up as the vehicle continues to be driven. Turning the indicator of the [HD Radio™ AM] and [HD Radio™ FM] button off can force radio in an analog audio.
Audio mute condition when an HD2/HD3 multicast channel had been playing.	The radio does not have access to digital signals at the moment.	This is normal behavior, wait until the digital signal returns. If out of the coverage area, seek a new station.
Audio mute delay when selecting an HD2/HD3 multicast channel preset.	The digital multicast content is not available until HD Radio™ broadcast can be decoded and make the audio available. This takes up to 7 seconds.	This is normal behavior, wait for the audio to become available.
Text information does not match the present song audio.	Data service issue by the radio broadcaster.	Notify the broadcasting station. Complete the form: https://hdraudio.com/stations/feedback/ .
No text information shown for the present selected frequency.	Data service issue by the radio broadcaster.	Notify the broadcasting station. Complete the form: https://hdraudio.com/stations/feedback/ .

Refer to the table below to identify the problem and take the suggested corrective action

When problems occur with the SiriusXM Radio tuner, a message will appear on the screen. Referring to the table below to identify the problem, take the suggested corrective action.

Message	Explanation
"Antenna issue"	The SiriusXM Radio antenna is not connected. Check whether the SiriusXM Radio antenna cable is attached securely. Contact your Toyota certified dealer for assistance.
	A short circuit occurs in the antenna or the surrounding antenna cable. Contact your Toyota certified dealer for assistance.
"No Satellite Signal"	The SiriusXM Radio signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
"Channel unavailable"	The channel you selected is not broadcasting any programming. Select another channel.
"Satellite hardware error"	This indicates a problem in the SiriusXM Radio module. Contact your Toyota certified dealer for assistance.
"Unavailable"	Please try another channel.

Handling the radio antenna

The antenna that receives the radio signals is built-in into the rear roof.

Precautions for Bluetooth® audio playback

Pay special attention to the following information when using Bluetooth® audio playback.

INFORMATION

- Registration of the cellular phone or other Bluetooth® portable audio player (hereafter referred to as portable device) in the multimedia system is required before use.
- Please be aware that some functions may be limited depending on the model of portable device.
- Using simultaneously with a wireless device could negatively affect communication for each.
- When the Wi-Fi® function is enabled in the multimedia system settings, the Bluetooth® audio sound may be interrupted.
- If a user makes or receives a phone call on the same device that is being used for Bluetooth® audio/ iPod mode streaming, user may not hear any audio during the call, depending on the model of the cellular phone.

WARNING

- For safety reasons, the driver should not operate the portable device while driving.
- The vehicle antenna for Bluetooth® communication is built into the multimedia system.

People using electrical medical devices other than implantable cardiac pacemakers, implantable cardiac resynchronization therapy-pacemakers, or implantable cardioverter defibrillators should consult with their physician and the device manufacturer to determine whether electrical waves could adversely affect devices before use.

NOTICE

- Do not leave the portable device inside the vehicle. The inside of the vehicle can become hot, which could cause the portable device to malfunction.
- Do not use a portable device near the multimedia system. Bringing it too close could cause sound or connection quality to deteriorate.

Playing Bluetooth® audio

By connecting a portable device, the portable device can be used without operating it directly.

INFORMATION

- The following information may not be displayed depending on the connected portable device.
 - Folder title
 - Song name
 - Album name
 - Artist name
 - Playback time
 - Total time
 - Random
 - Repeat
 - Playback/pause
 - Track up/down
- The following issues may occur depending on the connected device.
 - Operation cannot be performed from the multimedia system.
 - Operation or volume is different.
 - The display of data such as song information or time may differ between the multimedia system and the portable device.
 - The connection may disconnect when playback stops.
- When playing for a long time, the sound may skip.
- The volume while connected may differ depending on the portable device.
- If you navigate to song selection screen while playing music, the playback screen is minimized (mini player). Select the mini player to display the playback screen to its original size.

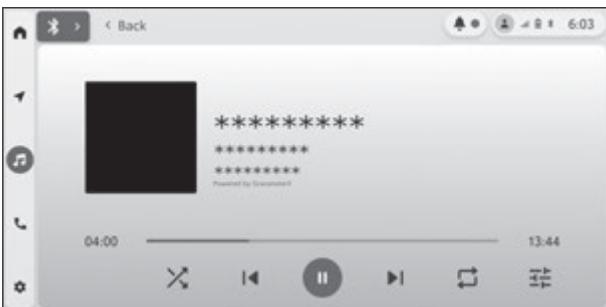
A portable device can be connected to the multimedia system.

- 1 **Touch [] on the main menu.**
- 2 **Touch the source selection button.**
- 3 **Touch the device name or [Bluetooth®].**
- 4 **Select the track.**

Folder names or track names : Touch a folder name to select the folder, and touch a track name to change the playback track.

5 Operate the Bluetooth® audio that is playing as necessary.

● Operating from the screen



Playback screen : Touch [Back] to display the mini player.

[] : Performs random playback. Each touch switches the random setting.*1

- [] : Cancels random playback.
- [] : Random playback from the currently playing folder.
- [] : Random playback from all files/tracks.

[] : Plays the currently playing track from the beginning. When at the start of the track, the previous track will play from the beginning. Touch and hold to fast rewind. Release to start playback from that position.

[] : Pauses playback.

[] : Plays.

[] : Switches the tracks. Touch and hold to fast forward. Release to start playback from that position.

[] : Performs repeat playback. Each touch switches the repeat setting.*1

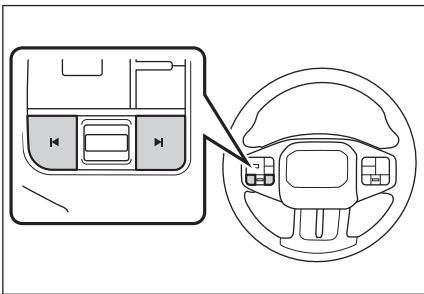
- [] : Cancels repeat playback.
- [] : Repeats playback of all tracks.
- [] : Repeats the song currently playing.

*1 : The order in which random or repeat settings switch depends on the model.

- [-repeat]: Repeat playback of songs in the currently playing folder.

- []: Displays the settable items.

- Operating with the steering switches



[◀]/[▶] switches

Switch the tracks. Press and hold to fast rewind or fast forward.
Release to start playback from that position.

Precautions for playback of USB flash drive

Pay special attention to the following information about playing a USB flash drive.

Refer to “[Information about USB flash drives that can be used](#)”(→ P.306) for the USB memory devices that can be used by the multimedia system.

INFORMATION

- Removing a USB flash drive or disconnecting a connected device during playback may cause noise to be output.
- When a USB flash drive is connected and the source is switched from another source to the USB flash drive, playback will be started from the previously played file.
- Reading a file in an unsupported format may affect operations.
- When a USB hub is used to connect multiple devices, devices other than the first device to be recognized cannot be used.

WARNING

For safety reasons, the driver should not operate the USB flash drive while driving.

NOTICE

- It may not be possible to completely close the console box depending on the shape and size of the USB memory device being connected. In this case, do not attempt to forcibly close the console box. Doing so may damage the USB memory device or port.
- Do not leave a USB flash drive inside the vehicle. The inside of the vehicle can become hot, which could cause the USB flash drive to malfunction.
- Do not push down on or subject the connected USB flash drive to unnecessary pressure. The USB flash drive or port may be damaged.
- Keep the port free of foreign matter. The USB flash drive or port may be damaged.

■ Playback of MP3/WMA/AAC/WAV/FLAC/ALAC

When a USB flash drive storing MP3/WMA/AAC/WAV/FLAC/ALAC files is connected, first all the files on the USB flash drive are checked.

It is recommended that no files other than MP3/WMA/AAC/WAV/FLAC/ALAC files and no unnecessary folders are written onto the USB flash drive. This ensures that the USB flash drive check finishes quickly.



INFORMATION

Many types of encoder software, such as freeware, are available in the market for MP3/WMA/AAC/WAV/FLAC/ALAC. Depending on the encoder condition or file format, audio quality deterioration or noise at playback start may occur, or playback may not be possible.



NOTICE

Do not add an incorrect extension to a file. Adding an extension to a file that does not match the file contents may result in files being incorrectly recognized and played. This will output a loud noise that may damage the speakers.

Incorrect examples:

- Adding the ".mp3" extension to a file that is not MP3
- Adding the ".wma" extension to a file that is not WMA

Playing music files on a USB flash drive

Play music files on a USB flash drive connected to the USB Type-C port to enjoy music. When a USB flash drive is connected, a button with the device's name is displayed on the source selection screen. This may not be displayed for some devices.



INFORMATION

If you navigate to song selection screen while playing music, the playback screen is minimized (mini player). Select the mini player to display the playback screen to its original size.

Connect the USB flash drive.

- 1 Touch [] on the main menu.
- 2 Touch the source selection button.
- 3 Touch the device name or [USB].
- 4 Select the desired mode of file or track selection.

[Folders] : Select a track from the folder name.

[Artists] : Select a track by artist name.

[Albums] : Select a track from the album name.

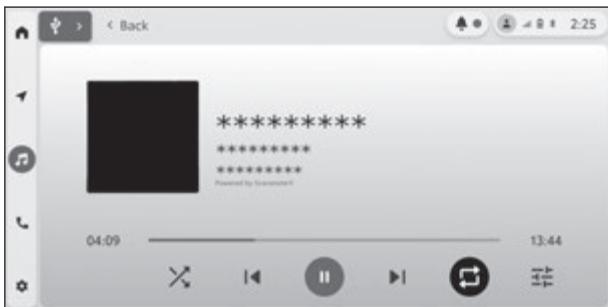
[Songs] : Select a track from the song name.

[Genres] : Select a track from the genre.

[Composers] : Select a track from the composer name.

- 5 Operate the USB flash drive that is playing as necessary.

- Operating from the screen

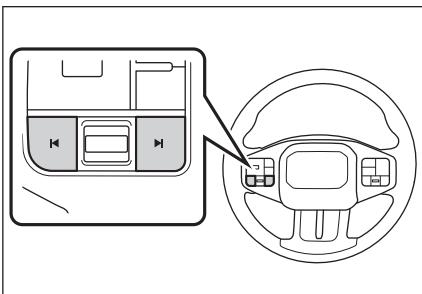


Playback screen : Touch [Back] to display the mini player.

[] : Performs random playback. Each touch switches the random setting.

- [] : Cancels random playback.
- [] : Random playback from the currently playing folder.
- [] : Random playback from all files/tracks.
- [] : Random playback from the currently playing album.
- [] : Plays the currently playing file or track from the beginning. When at the start of the file or track, the previous file or track will play from the beginning. Touch and hold to fast rewind. Release to start playback from that position.
- [] : Pauses playback.
- [] : Plays.
- [] : Switches the files or tracks. Touch and hold to fast forward. Release to start playback from that position.
- [] : Performs repeat playback. Each touch switches the repeat setting.
- [] : Repeats playback of all tracks.
- [] : Repeats the song currently playing.
- [] : Repeat playback of songs in the currently playing folder.
- [] : Repeat playback of songs in the currently playing album.
- [] : Displays the settable items.

- Operating with the steering switches



[◀]/[▶] switches

Switch the files or tracks. Press and hold to fast rewind or fast forward. Release to start playback from that position.

Precautions for playback of iPod mode

Observe the following precautions when playing back in iPod mode.

Refer to “[Information about iPod mode and Apple CarPlay](#)”(→ P.312) for the external devices that can be used by the multimedia system.



INFORMATION

- Disconnecting a USB Type-C cable or disconnecting a connected device while in iPod mode may cause noise to be output.
- When a USB hub is used to connect multiple devices, devices other than the first device to be recognized cannot be used.
- When an external device is connected and the source is switched from another source to iPod mode, playback will be started from the most recently played track.*¹
- If a user makes or receives a phone call on the same device that is being used for Bluetooth® audio/ iPod mode streaming, user may not hear any audio during the call, depending on the model of the cellular phone.



WARNING

For safety reasons, the driver should not operate the device while driving.



NOTICE

- It may not be possible to completely close the console box depending on the shape and size of the iPod/iPhone being connected. In this case, do not attempt to forcibly close the console box. Doing so may damage the iPod/iPhone or port.
- Do not leave an external device inside the vehicle. The inside of the vehicle can become hot, which could cause the device to malfunction.
- Do not push down on or subject the connected device to unnecessary pressure. The device or the port may be damaged.
- Keep the port free of foreign matter. The device or the port may be damaged.

*¹ : Depending on the device connected, operation may be different from described.

Playing in iPod mode

Music files on an iPhone (excluding Apple CarPlay connection)/iPad/iPod that is compatible with iAP2 connected to the USB Type-C port can be played back. When a device is connected, a button with the device's name is displayed on the source selection screen. This may not be displayed for some devices.



INFORMATION

- Depending on the generation and model of the device that is connected, the cover art image may look grainy or list scroll display may be slow.
- Some operations may not be available or they may operate differently, depending on the generation and model of the device that is connected.
- If you navigate to song selection screen while playing music, the playback screen is minimized (mini player). Select the mini player to display the playback screen to its original size.

Connect an external device.

- 1 **Touch [] on the main menu.**
- 2 **Touch the source selection button.**
- 3 **Touch the device name or [USB].**
- 4 **Select the desired mode of track selection.**

[Playlists] : Select a track from the playlist.

[Artists] : Select a track by artist name.

[Albums] : Select a track from the album name.

[Songs] : Select a track from the song name.

[Genres] : Select a track from the genre.

[Composers] : Select a track from the composer name.

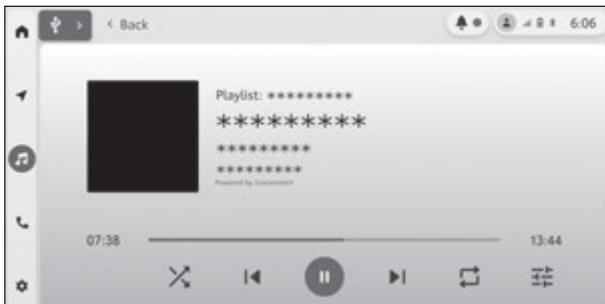
[Radio] : Select a track from the radio station.

[Audiobooks] : Select a track from the audiobook name.

[Podcasts] : Select a track from the Podcast name.

- 5 **Operate an iPod that is playing as necessary.**

- Operating from the screen



Playback screen : Touch [Back] to display the mini player.

[] : Performs shuffle playback. Each touch switches the shuffle setting.*1

- [] : Cancels shuffle playback.
- [] : Shuffle playback from the currently playing album.
- [] : Shuffle playback from all files/tracks.

[] : Plays the currently playing track from the beginning. When at the start of the track, the previous track will play from the beginning. Touch and hold to fast rewind. Release to start playback from that position.

[] : Pauses playback.

[] : Plays.

[] : Switches the tracks. Touch and hold to fast forward. Release to start playback from that position.

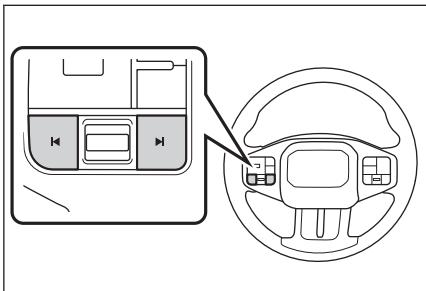
[] : Performs repeat playback. Each touch switches the repeat setting.*1

- [] : Cancels repeat playback.
- [] : Repeats playback of all tracks.
- [] : Repeats the song currently playing.

[] : Displays the settable items.

● Operating with the steering switches

*1 : The order in which shuffle or repeat settings switch depends on the connected device.



[◀]/[▶] switches

Switch the tracks. Press and hold to fast rewind or fast forward. Release to start playback from that position.

Precautions for playback of Apple CarPlay

Pay special attention to the following information about playing Apple CarPlay.

This function is not available in some regions.



INFORMATION

- When using Apple CarPlay via wireless connection, the device must be registered in advance.
- This function cannot be used while Android Auto is connected.
- Disconnecting a connected device while Apple CarPlay is connected via USB may cause noise.
- When a different source is switched to Apple CarPlay while an iPhone is connected, playback will be started from the previously played track.



WARNING

For safety reasons, the driver should not operate the iPhone while driving.



NOTICE

- It may not be possible to completely close the console box depending on the shape and size of the iPhone being connected. In this case, do not attempt to forcibly close the console box. Doing so may damage the iPhone or port.
- Do not leave the iPhone inside the vehicle. The inside of the vehicle can become hot, which could cause the iPhone to malfunction.
- Do not push down on or subject the connected iPhone to unnecessary pressure. The iPhone or port may be damaged.
- Keep the port free of foreign matter. The iPhone or port may be damaged.

Playing Apple CarPlay

Play music files on an iPhone connected to the USB Type-C port or a wirelessly connected iPhone. When Apple CarPlay is connected, a button with the device's name is displayed on the source selection screen. This may not be displayed for some devices.

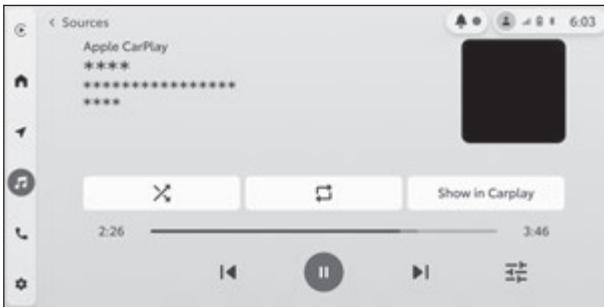
INFORMATION

- Some operations may not be available or they may operate differently, depending on the generation and model of iPhone that is connected.
- In cases such as the track not playing normally or audio skipping, update iOS to the latest version. Updating may resolve the issues.

Connect Apple CarPlay.

- 1 **Touch [] on the main menu.**
- 2 **Touch source selection button.**
- 3 **Touch the device name (Apple CarPlay).**
- 4 **Operate the Apple CarPlay that is playing as necessary.**

- Perform operations from the screen



[] : Performs shuffle playback. Each touch toggles the shuffle playback function on or off.*¹

- [] : Cancels shuffle playback.

- [] : Shuffle playback within the category containing the currently playing track.

[] : Performs repeat playback. Each touch switches the repeat setting.*¹

*¹ : The order in which shuffle or repeat settings switch depends on the connected device.

- [] : Cancels repeat playback.
- [] : Repeats playback of all tracks.
- [] : Repeats the song currently playing.

[Show in CarPlay] : Displays the Apple CarPlay screen.

[] : Plays the currently playing track from the beginning. When at the start of the track, the previous track will play from the beginning. Touch and hold to fast rewind. Release to start playback from that position.

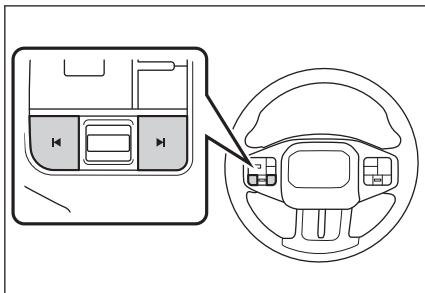
[] : Pauses playback.

[] : Plays.

[] : Switches the tracks. Touch and hold to fast forward. Release to start playback from that position.

[] : Displays the settable items.

● Operating with the steering switches



[◀]/[▶] switches

Switch the tracks. Press and hold to fast rewind or fast forward. Release to start playback from that position.

Precautions for playback of Android Auto

Pay special attention to the following information about playing Android Auto.

This function is not available in some regions.

INFORMATION

- When using Android Auto via wireless connection, the device must be registered in advance.
- This function cannot be used while Apple CarPlay is connected.
- Disconnecting a connected device while Android Auto is connected via USB may cause noise to be output.
- When a different source is switched to Android Auto while an Android device is connected, playback will be started from the previously played track.

WARNING

For safety reasons, the driver should not operate the Android device while driving.

NOTICE

- It may not be possible to completely close the console box depending on the shape and size of the device being connected. In this case, do not attempt to forcibly close the console box. Doing so may damage the device or port.
- Do not leave the Android device inside the vehicle. The inside of the vehicle can become hot, which could cause the Android device to malfunction.
- Do not push down on or subject the connected Android device to unnecessary pressure. The Android device or port may be damaged.
- Keep the port free of foreign matter. The Android device or port may be damaged.

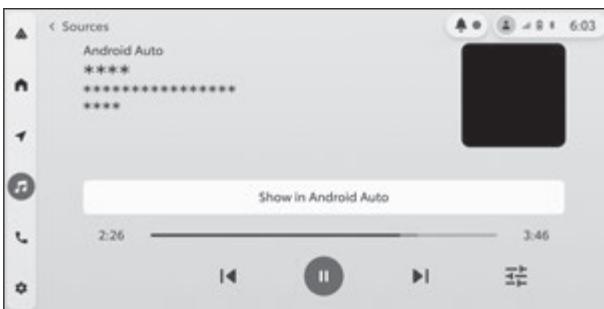
Playing Android Auto

Play music files on an Android device connected to the USB Type-C port or a wirelessly connected Android device. When an Android device is connected, a button with the device's name is displayed on the source selection screen. This may not be displayed for some devices.

Connect Android Auto.

- 1 Touch [] on the main menu.
- 2 Touch source selection button.
- 3 Touch the device name (Android Auto).
- 4 Operate the Android Auto that is playing as necessary.

● Operating from the screen



[Show in Android Auto] : Displays the Android Auto screen.

[] : Plays the currently playing track from the beginning. When at the start of the track, the previous track will play from the beginning.

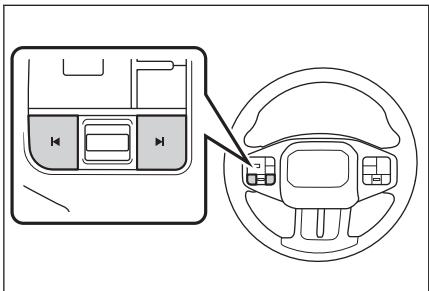
[] : Pauses playback.

[] : Plays.

[] : Switches the tracks.

[] : Displays the settable items.

● Operating with the steering switches



[◀]/[▶] switches

Switch the tracks.

Playing Integrated Streaming

Integrated Streaming content can be played back on the system.

This function requires the Toyota app installed to a mobile device. User must link their music account to the Toyota app in order to use this feature.

Go to <https://www.toyota.com> for more information.

This function is not available in some regions.

INFORMATION

- The screen layout may vary depending on the music app.
- The available functions may vary depending on the music app.
- If you navigate to song selection screen while playing music, the playback screen is minimized (mini player). Select the mini player to display the playback screen to its original size.

Playing Spotify

- 1 Touch [] on the main menu.
- 2 Touch the source selection button.
- 3 Touch [Spotify].
- 4 Select the desired mode of track selection.

Home : Select a track from the recommended by Spotify.

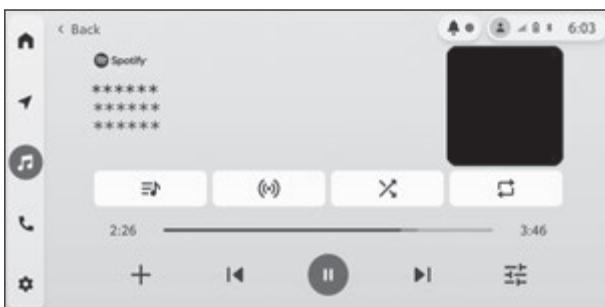
Recently Played : Select a track from recently listened.

Browse : Select a track from the categories and recommended tracks.

Your Library : Select a track from the tracks saved in your library.

- 5 Operate Spotify that is playing as necessary.

- Operating from the screen



[] : Displays the queue list.*1

[] : Select to make a playlist based on the currently played track.*1

[] : Performs random playback. Each touch toggles the random playback function on or off.*1*2

- [] : Cancels random playback.

- [] : Random playback within the category containing the currently playing track.

[] : Performs repeat playback. Each touch switches the repeat setting.*1

- [] : Cancels repeat playback.

- [] : Repeats playback of all tracks.

- [] : Repeats the song currently playing.

[]/[] : Skips forward or backward 15 seconds.*3

[] : Select to select the playback speed.*3

[] : Stores the current playing song to library. When stored, touch to cancel.

[]/[] : Switches the track. Touch and hold to fast rewind/fast forward. Release to start playback from that position.

[] : Pauses playback.

[] : Plays.

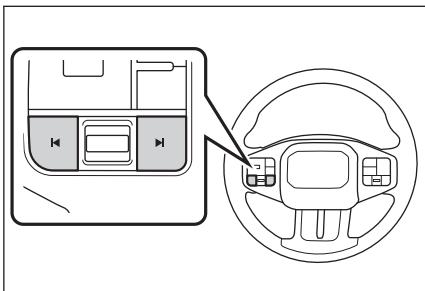
[] : Displays the settable items.

● Operating with the steering switches

*1 : Not applicable when a Podcasts is played back.

*2 : The order in which random playback sequence may change depends on the model.

*3 : Applicable only when a Podcasts is played back.



[◀]/[▶] switches

Switch the tracks. Press and hold to fast rewind or fast forward. Release to start playback from that position.

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Precautions for hands-free calling

By connecting a Bluetooth® cellular phone (hereafter referred to as "cellular phone") that has been verified with the system, the phone function can be used to make and receive calls without operating the cellular phone directly. This is known as hands-free calling.

A cellular phone must support the multimedia system specifications in order to connect to the system. However, be aware that some functions may be limited depending on the model of cellular phone.

Even while connected to Apple CarPlay or Android Auto, the hands-free phone screen for Apple CarPlay or Android Auto may not be displayed, depending on conditions.



INFORMATION

- Observe the following precautions when using the cellular phone with the hands-free function.
 - A cellular phone must be registered to the multimedia system and connected with Bluetooth® before hands-free calling can be used. To use hands-free calling, first register a cellular phone. (→ P.78)
 - Make sure the cellular phone is able to utilize the Bluetooth® function.
 - If attempting to make or receive a call during Bluetooth® audio playback, the screen display and dial tone or ringtone sound may be delayed.
- The multimedia system is not guaranteed to operate with all Bluetooth® devices.

The following issues may occur depending on the cellular phone model.

- When the power switch is operated during a hands-free call, the call may be disconnected.
- The calling screen may not be displayed, or the call screen may be displayed before the other party answers the phone.
- Even if numbers are entered using the numeric keypad on the calling screen, the tone signal may not be transmitted depending on the cellular phone service provider.
- After dialing, it may be necessary to perform operations on the cellular phone.

- Hands-free calling may be unavailable in the following situations.

- When outside of the calling area
- When outgoing calls are restricted, such as when the lines are congested
- During emergency calls
- While contact data is being transferred from the cellular phone
- When dial lock is turned on for the cellular phone
- When the cellular phone is in use, such as when transmitting data
- When the cellular phone is malfunctioning
- When the cellular phone is not connected
- When the cellular phone has a low battery
- When the cellular phone is turned off
- When the settings prevent the cellular phone from being used for hands-free calls
- When switching from data communication or contact transfer to hands-free calling with the multimedia system. (While switching, Bluetooth® connection status for the multimedia system will not be displayed)
- When the cellular phone itself cannot be used for any other reason

● If hands-free calling and the Wi-Fi® function are used simultaneously, the Bluetooth® connection of the cellular phone may be disconnected.

▲ WARNING

- For safety reasons, the driver should not operate the cellular phone itself while driving.
- 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.

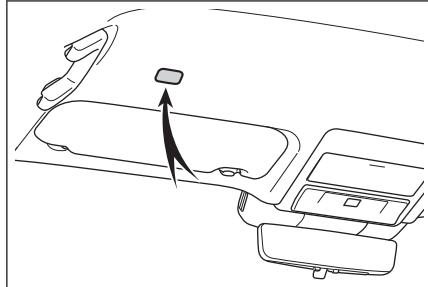
NOTICE

Do not leave a cellular phone inside the vehicle. The inside of the vehicle can become hot, which could cause the cellular phone to malfunction.

Precautions for call audio

In a hands-free call, the car's built-in microphone^{*1} can be used to speak. Pay special attention to the following information when making a hands-free call.

- The audio when receiving calls or when talking during calls is output from speakers on both sides of the front seats.
- The audio is muted when a voice or ringtone is output from the hands-free system.



INFORMATION

- During calls, take turns speaking with the other party on the phone. If both parties speak at the same time, it may be difficult to hear what the other party is saying.
- If the output volume is too high, the other party's voice may be audible outside the vehicle or echoes may be heard.
- Speak clearly in a loud voice.
- The other party may not hear your voice clearly in the following situations.
 - Driving on rough roads.
 - 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.
 - The cellular phone is brought closer to the microphone.
- There might be an adverse effect on sound quality (such as noise or echo) depending on the phone or network being used.

^{*1} : The microphone position may vary depending on the vehicle equipment.

- If other Bluetooth® devices are connected at the same time, noise may be generated in the hands-free system audio.
- If the multimedia system has been configured to use the Wi-Fi® function, noise may be generated in the hands-free system.
- Cellular phone and multimedia system output volume/ringtone volume may be synchronized. When a call is received, or when a call is started, the volume may change due to volume changes on your cellular phone. The multimedia system output volume/ringtone volume cannot be linked to the cellular phone depending on the cellular phone model.

NOTICE

Do not touch or poke sharp objects into the microphone. This may cause a malfunction.

Precautions when selling or disposing of the vehicle

A lot of personal information is registered when using the hands-free system. Make sure to clear all information before selling or disposing of the vehicle. (→ P.49)

After initializing all the information, all the data in the multimedia system will be initialized and returned to the factory default. It cannot be returned to the state before initialization.

When hands-free calling might be malfunctioning

If you notice any of the following symptoms, refer to the following table for possible reasons and solutions, and check the symptom again.

■ Using hands-free calls

Symptom	Possible reason	Solution
Hands-free calls cannot be used	Your cellular phone does not support Bluetooth®.	For a list of specific devices which operation has been confirmed on multimedia system, check with your Toyota dealer or the following website: https://www.toyota.com/connected-services/ in the United States, https://www.toyota.ca/toyota/en/about/connectedservices in Canada, and https://www.toyotapr.com/serviciosconecados in Puerto Rico.
	Your cellular phone version is not compatible with Bluetooth®.	Use device compatible for Bluetooth® core Ver. 5.2. (→ P.76)

■ Cellular phone registration and connection

Symptom	Possible reason	Solution
Your cellular phone cannot be registered	The cellular phone registration operation has not been completed.	Select the authentication button when it is shown on your cellular phone and continue the registration operation.
	There is registration information remaining on either the cellular phone or the multimedia system.	Perform the registration operation again after deleting the registration information from both the multimedia system and the cellular phone. (→ P.78,82)

Symptom	Possible reason	Solution
Cannot connect via Bluetooth®	A cellular phone other than the one to use is already connected via Bluetooth®.	Manually connect the cellular phone to use via Bluetooth® from the multimedia system. (→ P.84)
	The Bluetooth® function of the cellular phone is not activated.	While the power switch is in ACC or ON, activate the Bluetooth® function on the cellular phone.
	The cellular phone registration information has been deleted.	Perform the registration operation after deleting the registration information from both the multimedia system and the cellular phone. (→ P.78,82)

■ Calling and receiving calls

Symptom	Possible reason	Solution
Cannot make or receive calls	Outside the service area	Move the vehicle into a service coverage area.
	Call restriction (dial lock) is turned on for the cellular phone.	Turn off call restriction (dial lock) for the cellular phone.

5-1. Precautions when using hands-free calls

■ Contacts

Symptom	Possible reason	Solution
Cannot automatically transfer contact data	The cellular phone profile does not support transferring contact data.	For a list of specific devices which operation has been confirmed on multimedia system, check with your Toyota dealer or the following website: https://www.toyota.com/connected-services/ in the United States, https://www.toyota.ca/toyota/en/about/connectedservices in Canada, and https://www.toyotapr.com/serviciosconectados in Puerto Rico.
	[Sync contacts] in the Bluetooth® settings on the multimedia system is set to off.	Set [Sync contacts] in the Bluetooth® settings on the multimedia system to on. (→ P.89)
	The cellular phone is waiting for approval to transfer contacts.	Select the contacts transfer approval button on the cellular phone.
An approval confirmation screen is displayed on the cellular phone	The cellular phone is not set to always allow.	Set the cellular phone to always allow.

■ When using the Bluetooth® message function

Symptom	Possible reason	Solution
Messages cannot be transferred.	Message transfer is not enabled on the cellular phone.	Enable message transfer on the cellular phone (approve message transfer on the phone).
New message notifications are not displayed.	[Do not disturb] is set to ON on multimedia system.	Set [Do not disturb] on multimedia system to OFF. (→ P.89)

Symptom	Possible reason	Solution
New message notifications are not displayed.	Automatic message transfer function is not enabled on the cellular phone.	Enable automatic transfer function on the cellular phone.

■ Other conditions

Symptom	Possible reason	Solution
If symptoms do not improve after applying possible solutions.	The cellular phone and multimedia system are too far apart.	Move the cellular phone and multimedia system closer together.
	Electromagnetic interference is being generated.	Turn the power off for any devices that may be generating electromagnetic waves, such as Wi-Fi® devices. Set the Wi-Fi® setting on the multimedia system to off. (→ P.97,101)
	The cause lies in the cellular phone.	Turn the power off for the cellular phone, and remove the battery pack.
		Turn the cellular phone's Bluetooth® connection from off to on.
		Turn off the cellular phone's Wi-Fi® connection.
		Stop any security software or background applications that are running on the cellular phone.
		Make sure to carefully confirm the provider and operating status of applications installed on the cellular phone before use.

5-1. Precautions when using hands-free calls



INFORMATION

For more details, refer to the instruction manual included with the cellular phone.

Operating with the steering switches

The steering switches can be used to perform some hands-free call functions, such as changing the ringtone volume, etc. The steering switch functions change depending on the status of the multimedia system.

● Operate the switches as necessary.

[] switch

Adjusts the audio volume.

Keep raising or lowering to adjust continuously.

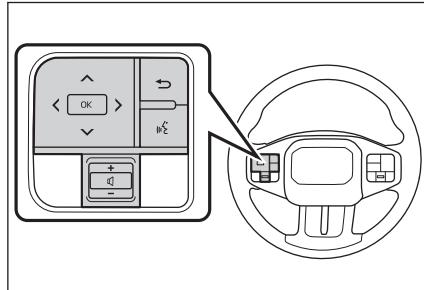
[] switch

Calls can be made using voice command.

To end Voice Assistant, press the talk switch.

Meter operation switch

- During incoming calls, outgoing calls, and calls in progress, the following operations can be performed. For instructions on how to operate the meter control switch, please refer to "OWNER'S MANUAL".
 - Answering calls
 - Ending calls
 - Declining calls
 - Hold/Resume
 - Switch the speaker



Making calls from call history

Calls can be made to phone numbers that have been recorded in the call history as outgoing or incoming calls.

- 1 Touch [] on the main menu.
- 2 Touch [Recents] on the sub menu.
- 3 Select the contact.



For phone numbers that are not registered in the contact, the phone number will be displayed as it is.

[] : Select to display the contact details screen.

INFORMATION

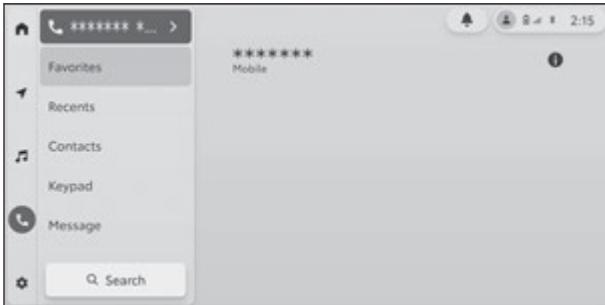
- The latest 100 entries in the call history are shown. If the call history exceeds 100 entries, history items are automatically deleted starting from the oldest.
- The outgoing call history is registered as follows, depending on conditions.
 - If the call was placed to a phone number registered in contacts or to the multimedia system, the name and image data are also registered if they exist.
 - If you make a call to the same phone number, the number of calls is displayed after the destination name.
- The incoming call history is registered as follows, depending on conditions.
 - If the call was received from a phone number registered in contacts, the name and image data are also registered if they exist.
 - If multiple calls were received from the same phone number, all are registered.
 - Missed calls and declined calls are also registered.

- If the recipient's device does not support caller identification, the caller's name will not be registered.
- Depending on the model of cellular phone, it may not be possible to make international calls.

Making calls from the favorites list

Make a call from your favorites list.

- 1 Touch [] on the main menu.
- 2 Touch [Favorites] on the sub menu.
- 3 Select the person you want to call from your favorites list.



[] : Select to display the contact details screen.

INFORMATION

- When [Sync contacts] is ON, cellular phone favorites are automatically transferred to the multimedia system.(→ P.89)
- Depending on the cellular phone, transfer may not be possible for some or all of the favorites.

Making calls from contacts

Make a call from the contacts registered on the multimedia system.

- 1 Touch [] on the main menu.
- 2 Touch [Contacts] on the sub menu.
- 3 Select a contact.
- 4 Touch [] beside the desired phone number.



[] : Select to send a message.

[] : Select to display the navigation screen and to set a destination.*1*2

INFORMATION

- If no contact data has been registered, contact data must be transferred to the multimedia system.
- The contact data of the hands-free phone that is connected is displayed on the multimedia system. When the hands-free phone is switched during a 2-phone connection, the contact data also switches.

*1 : Available on vehicles with a navigation system when the connected cellular phone has the postal address of the contact registered in it.

*2 : Displays the screen of the built-in navigation system; however it does not work with the navigation function of Apple CarPlay or Android Auto.

Making calls from keypad

Enter the phone number on the keypad to make a call.

- 1 Touch [] on the main menu.
- 2 Touch [Keypad] on the sub menu.
- 3 Enter the phone number.



- 4 Touch [].

INFORMATION

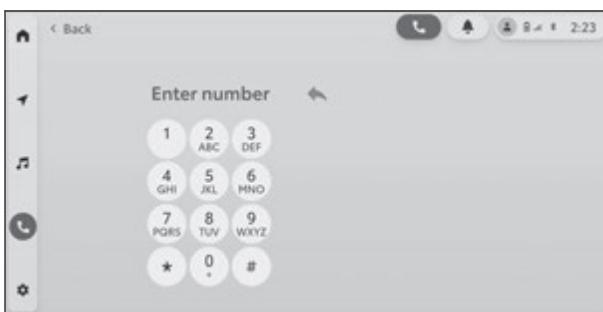
- Depending on the cellular phone model, it may be necessary to perform operations on the cellular phone.
- If a phone number that exactly matches the entered number is registered as a contact, the registered name will be displayed.

Calling using a wait or pause signal

Numbers that include wait (w) or pause (p) signals can be called. The transmission of the numbers that follow the wait (w) or pause (p) signal is suspended or stopped for about 2 seconds.

- A wait (w) signal suspends the transmission of the number. Transmission resumes after an operation by the user until the next wait (w) signal. When a pause (p) signal is included partway, the transmission stops for 2 seconds before sending the following number.
- A pause (p) signal stops the transmission of the number for about 2 seconds.

- 1 Touch [] on the main menu.
- 2 Touch [Contacts] on the sub menu.
- 3 Select the contact.
- 4 Select the phone number that includes a wait (; or w) or pause (, or p) signal.
- 5 If the phone number includes a wait (w) signal, select [].



When [] is touched, the number that was suspended by the wait (w) signal resumes transmission until the next wait (w) signal. When a pause (p) signal is included partway, the transmission stops for 2 seconds before sending the following number.

INFORMATION

- Depending on the model of cellular phone, the wait signal may be displayed as a semi colon (;) and the pause signal may be displayed as a comma (,) on the cellular phone screen.
- This function is used to make international calls.

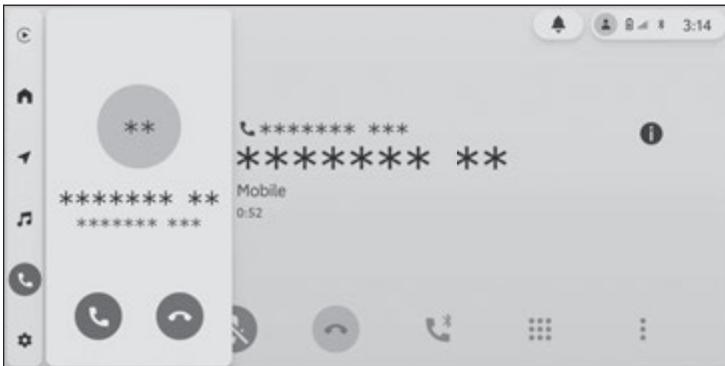
5-3. How to make calls

- Release tones can be used when automated operation of a phone based service such as an answering machine or bank phone service is desired.
- Depending on the cellular phone, the wait (w)/pause (p) signal registered in a contact may not be transferred.

Answering calls

When there is an incoming call, the incoming call sounds and the incoming call screen or incoming call notification is displayed.

- Answer the call by doing one of the following.



- Touch [].
- Operate the cellular phone directly.

INFORMATION

- The incoming call screen is not displayed while the peripheral monitoring screen is being displayed. Incoming call notification is provided by ringtone only.
- During an incoming call, all sounds other than those coming from the hands-free call are muted. However, voice guidance with a higher priority than the hands-free call is not muted.
- Even if the cellular phone ringtone is set on the multimedia system, the multimedia system may output a different ringtone depending on the cellular phone settings.
- Depending on the cellular phone settings such as drive mode, you may not be able to receive calls.
- Depending on the cellular phone model, the following may occur.
 - The ringtone may be heard from both the vehicle speakers and the cellular phone.
 - When receiving a call, the caller's phone number may not be displayed.
 - If a call was received by operating the cellular phone directly, or if the cellular phone has been set to automatically answer calls, the call may stay on the cellular phone.

- If there was an incoming call while the cellular phone is transmitting data, the incoming call screen may not be displayed on the multimedia system and the ringtone may not sound.
- If the ringtone setting on the multimedia system has been set to anything other than the cellular phone ringtone, the ringtone that has been registered on the multimedia system sounds, even if the cellular phone has been placed in silent (vibrate) mode or the ringtone deleted.
- The call is declined when a call is received from a phone number that is set to be declined in the cellular phone settings.

Declining calls

On the multimedia system, calls can be declined using several methods.

- When receiving a call, perform any of the following operations to decline the call.

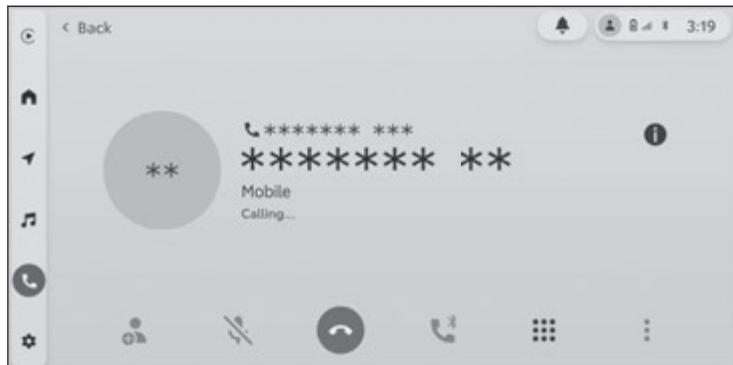
- Touch [] or [].
- Operate the cellular phone directly.



INFORMATION

- The call is declined when a call is received from a phone number that is set to be declined in the cellular phone settings.
- Setting [Do not disturb] in the Bluetooth® settings to on enables hands-free calls to be declined and notification by audio and display to be disabled. However, this is not applied to the phone function of Apple CarPlay or Android Auto. While a hands-free phone and Android Auto are connected, this is even not applied to the hands-free call function. (→ P.89)

Performing operations from the call screen



[] : Select to add an interlocutor.

- Select a contact from the list displayed and start a call. The original interlocutor will be put on hold.
- It is also possible to enter a phone number to make a call.

[] : Mutes the sound transmission so that the other party on the call cannot hear you speak.

To deactivate, touch the button again.

- You can hear what the other party is saying.

[] : Hang up during a call.

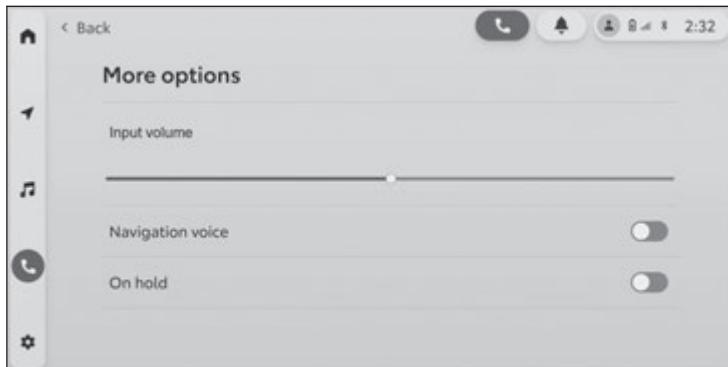
[] : Cancel the pending call. Only displayed on hold.

[] : Allows a call to be switched between the cellular phone and the multimedia system.

[] : Displays the keypad screen.

[] : Displays the option screen.

The following operations can be performed on the option screen.



- **[Input volume]** : Adjusts the input volume.

Changing the input volume may cause the sound quality to deteriorate.

- **[Navigation voice]** : Turn on or off to interrupt the navigation system voice guidance during a phone call.

- **[On hold]** : Temporarily puts the call on hold.

Turn off **[On hold]** to deactivate.

Depending on the model of cellular phone, it may not be possible to put calls on hold.

- [1] : Displays the contact details screen.

INFORMATION

- Depending on the state of the multimedia system, the call screen may not be displayed.
- Switching calls may not be possible depending on the cellular phone model.
- Calls cannot be switched from the hands-free system to the cellular phone while driving.
- When a cellular phone, being used for a call, is connected to the multimedia system as a hands-free phone, depending on the phone model, the call may continue on the cellular phone or switch to a call on the multimedia system.
- If you operate the power switch during a call with a hands-free phone, the call may be disconnected or continued on the cellular phone depending on the cellular phone model. If you want to continue on your cellular phone, you may need to operate your cellular phone.

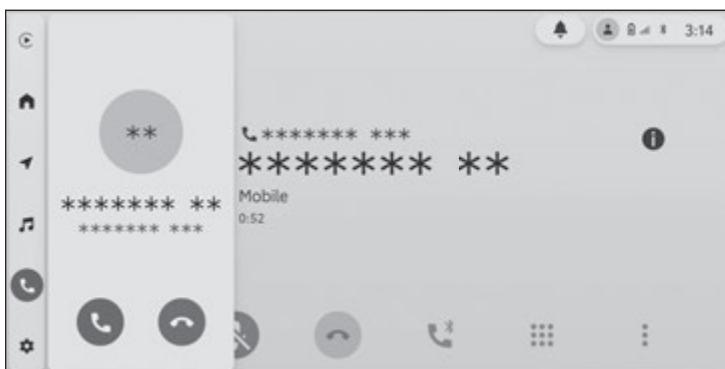
Answering a second call

If you receive a second call from another party during an ongoing call, call-waiting can be used to handle both calls. When a second call is received, an incoming call notification is displayed on the screen.

INFORMATION

- You must have a call waiting contract with your cellular phone provider.
- If the cellular phone does not support HFP Ver. 1.5 or later, call-waiting will not be available.
- Depending on the cellular phone model and subscription details, it may not be possible to use this function.

● When receiving a second call, touch .



Answering the second call places the previous call on hold.

The caller will be switched each time **[Swap]** is touched.

Declining second calls

When a second call is received during another call, the call waiting call can be declined.

When receiving a second call, touch .

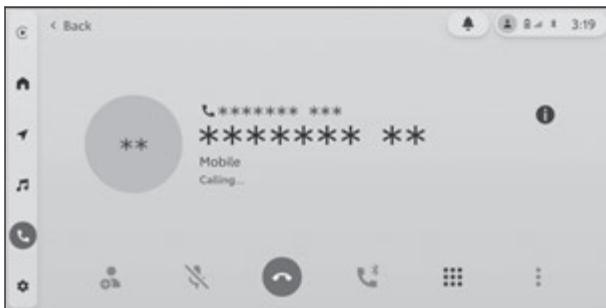
INFORMATION

Depending on the model of cellular phone, both calls may be disconnected. Refer to the instruction manual included with the cellular phone.

Making a call to another party during an ongoing call

You can call a new third party during an ongoing call.

1 Touch [] on the call screen.



2 Touch [Favorites], [Recents], or [Contacts], and then select a person to call.

- When [Contacts] is selected, the contact details screen will be displayed.
- It is also possible to touch [Keypad] and directly enter a phone number.

This function puts the other party on hold during a call.

INFORMATION

- You must have a call waiting contract with your cellular phone provider.
- If the cellular phone does not support HFP Ver. 1.5 or later, call-waiting will not be available.
- Depending on the cellular phone model and subscription details, it may not be possible to use this function.

Making conference calls

Add the person on hold when talking to another party while a call is on hold.

- **Touch [Merge] during an ongoing call with a third party.**

Calls on hold are taken off hold and switched to a conference call.



INFORMATION

- A subscription for conference calls may need to be purchased from your cellular phone provider.
- Depending on the cellular phone model and subscription details, it may not be possible to use this function.
- When the conference call ends, the call ends with all members of the conference call.
- Depending on the cellular phone, the conference call screen may not be displayed.

Ending calls

To end a hands-free call, perform either of the following during a call:

- Touch [] while making a call or on the call screen.
- Operate the cellular phone to end the call.

Switching phones for hands-free calls

If two cellular phones are connected as hands-free phones, each cellular phone can be used. The hands-free system allows user to view the contents of connected devices. The hands-free phone screen displays the selected cellular phone data, such as contacts and history. Functions such as incoming calls can also be used with the unselected cellular phone.

To connect two hands-free phones, you need to set a driver.(→ P.49)

1 Touch [] on the main menu.

2 Touch the device name displayed on the sub menu.



3 Select the cellular phone you want to use.

A different cellular phone cannot be selected during a call or while a call is incoming or outgoing.

[Settings] : Displays the Bluetooth® settings screen.

INFORMATION

- If making a call from a screen other than the hands-free phone screen, the call is placed as the primary device.
- If you are on a hands-free call using either one of the devices, calls cannot be placed from the other device.
- When a hands-free call is being made by any of the hands-free phones and an incoming call is answered by another hands-free phone, the first call is disconnected.
- The following functions are also available on the unselected cellular phone.
 - Phone incoming call function
 - Message receiving and sending functions (when receiving a message)

- The primary device will not necessarily be changed even if the cellular phone is switched.

Transferring contact data

Up to 5000 contacts can be registered for each connected cellular phone. Only the contacts corresponding to the connected cellular phone can be displayed. In the contacts, up to 4 phone numbers can be registered for each contact. Contacts are managed for each connected phone.

This function can be used with cellular phones that support automatic contact data transfer (PBAP). Refer to the included instruction manual or compatible profiles for the connected cellular phone, to determine whether it supports automatic contact data transfer (PBAP).([→ P.76](#))

To transfer contacts with automatic contact data transfer (PBAP), **[Sync contacts]** must be set to on in the **Bluetooth®** settings. ([→ P.89](#))



INFORMATION

- When transferring contact data, each data is subject to the following restrictions.
 - When five or more phone numbers are registered to a single contact, all phone numbers will be registered to the multimedia system as multiple contacts with the same name.
 - The name is transferred at the same time as the phone number. Depending on the model, some letters, such as symbols, or all letters may not be transferred. Furthermore, even if they are transferred they may not be displayed correctly.
 - Typically, secret memory is not read. (It is possible in some cases, depending on cellular phone specifications)
 - The group names registered to the cellular phone are not transferred.
 - The phone number type shown in contacts on the multimedia system is automatically assigned based on information from the source device. However, depending on the model of cellular phone and usage environment, the icons may all be identical.
 - Depending on the model of cellular phone, the cellular phone's pin number and an authentication password may need to be entered when transferring contact data. For details, refer to the included instruction manual for the connected cellular phone.
- Models of cellular phone that support batch transfer have the following characteristics when transferring contact data.

- Transfer may take as long as 10 minutes.
- Even if the contact list transfer screen is being displayed, it is possible to switch to another screen. In this case, contact list transfer will continue.
- If the power switch is turned off during contact list transfer, the transfer will be canceled. In this case, start the hybrid system and carry out transfer operations again.
- In the following cases, the contact data being transferred is not saved. (Some of the transferred data is not saved either.)
 - When automatic transfer (PBAP) ends in the middle due to the memory capacity of the multimedia system.
 - When automatic transfer (PBAP) is interrupted for some reason.
- The multimedia system's contact data cannot be transferred to the cellular phone.
- During contact list transfer, the Bluetooth® audio connection may be disconnected. It will be reconnected once transfer is complete. (Reconnection may not be possible for some models)
- When transferring, make sure the multimedia system has been started.
- The automatic contact list transfer (PBAP) function enables the transfer of contacts, favorites, and history to the multimedia system. Some cellular phone models do not allow favorites to be transferred.
- If **[Sync contacts]** is on, cellular phone favorites will be automatically transferred to the multimedia system. (→ P.89)
- Depending on the model, it may be necessary to perform operations on the cellular phone when transferring contact data with automatic contact data transfer (PBAP).
- If you want to transfer contacts by automatic transfer (PBAP), you need to enable the contact sharing setting on your cellular phone.
- If automatic contact data transfer (PBAP) does not start, it may start if you end all other functions.
- To transfer the contact image data, **[Sync contacts]** must be set to on in the Bluetooth® settings. (→ P.89)

Precautions when using the message function

Messages are transferred from the connected cellular phone. The multimedia system can be used to check, reply, and send messages. Depending on the cellular phone model being connected, it may not be possible to transfer messages to the multimedia system. If the cellular phone does not support messaging, this function cannot be used.

This function can be used with cellular phones that support HFP and MAP. To check if a cellular phone is compatible with HFP and MAP, check the user's manual that came with the cellular phone, or its compatible profiles.



INFORMATION

- You need to enable the message sharing setting from your cellular phone settings.
- This function cannot be used during emergency calls.
- E-mail function is not supported.
- Depending on the cellular phone model, it may not be possible to use the reply function.
- Messages sent and received after connecting to the multimedia system are transferred to the multimedia system.
- Depending on the connected cellular phone model, it may be necessary to perform additional operations on the cellular phone.
- Depending on the cellular phone model, the subject name of a received MMS may not be displayed.
- If **[Auto-read messages]** is on, messages are read aloud.(→ P.89)
- Outgoing messages created using Voice Assistant can be read aloud before being sent.
- Some information may not be displayed depending on your cellular phone model and registration status to the multimedia system.

Checking messages

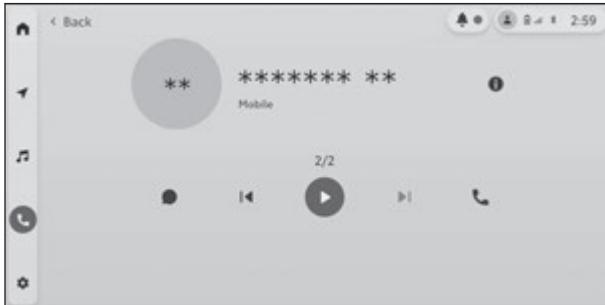
Sent and received messages can be checked.

- 1 Touch [] on the main menu.
- 2 Touch **[Message]** on the sub menu.
- 3 Select the message sender.

If the body of the message fails to be read, start over from the beginning.

[Compose message] : Select to send a message by voice input.

4 Select each item as necessary.



[] : Voice Assistant starts.

[]/[] : Touch during reading or when reading is stopped to read the previous/next received message.

[] : Reads the message aloud. To stop the message being read aloud, touch [].

[] : Calls the message sender by phone.

[] : Displays the contact information of the other party.

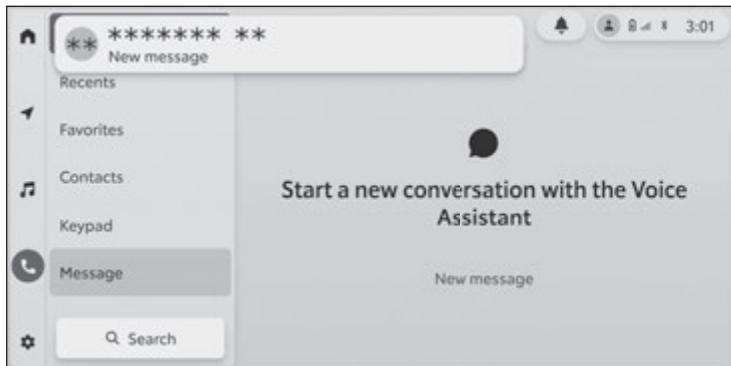
INFORMATION

When [Auto-read messages] is enabled, unread messages will be read out starting with the oldest.

Checking new messages

When an SMS or MMS message is received, a new message notification is displayed at the top of the screen.

- The following operations can be performed when a message is received.



[Reply] : Allows a reply to the message. When a message is replied, all of the messages from the same sender will turn to already read.

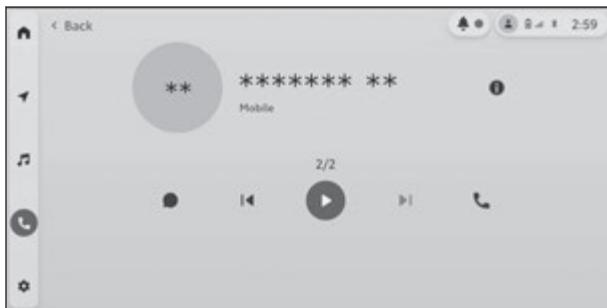
[Play again] : Reads the message aloud. The read-out messages will turn to already read.

[Call] : Calls the message sender by phone.

Replies to message

Activate the Voice Assistant to send a message to the recipient. Also, reply to messages by using the hands-free screen, follow those operation instructions below.

- 1 Touch [] on the main menu.
- 2 Touch [Message] on the sub menu.
- 3 Select the message sender.
- 4 Touch [].

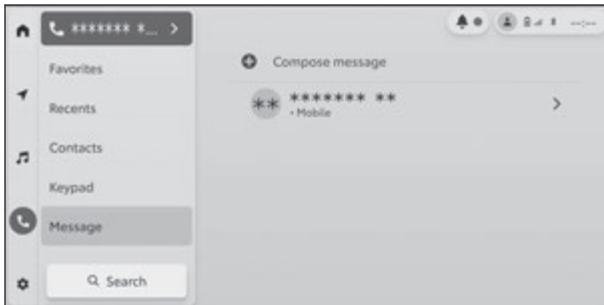


- 5 Enter a message using Voice Assistant.

Sending new messages

New SMS messages can be created. MMS is not supported.

- 1 Touch [] on the main menu.
- 2 Touch [Message] on the sub menu.
- 3 Touch [Compose message].



- 4 Follow voice prompt and on screen directions to complete your task.

Making calls from the message function

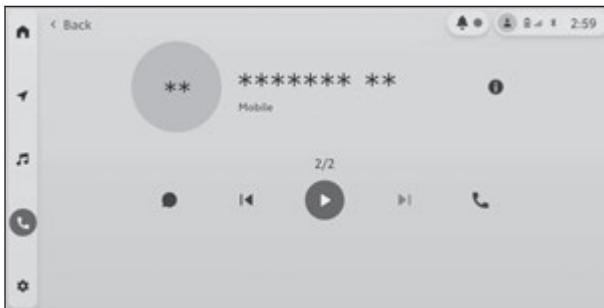
Hands-free calls can be made using the message function.

Making calls from the SMS, or MMS message screen

SMS and MMS senders can be called.

- With regard to MMS, you can send an MMS message to a phone number, but you cannot make a call to an MMS address.

- 1 Touch [] on the main menu.
- 2 Touch [Message] on the sub menu.
- 3 Select the message sender.
- 4 Touch [].



6-1. Connected Services

Connected Services	
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Connected Services^{*1} overview

After you have accepted the Connected Services Agreement ("Connected Services Terms of Use" and "Connected Services Privacy Notice") on the "Toyota App" when you register the vehicle to your account, you can begin receiving services. A variety of subscription agreements are available.

Available services

Connected Services include the following services:

- Safety Connect
- Service Connect
- Drive Connect (including Cloud Navigation, Voice Assistant, and Destination Assist)
- Remote Connect
- Wi-Fi® Connect (including Wi-Fi® Hotspot and Integrated Streaming)
- User Profile
- OTA (Over The Air updates)

Information about these services

For details about these services, refer to the following.

■ Web site

United States : <https://www.toyota.com/connected-services/>

Hawaii : <https://www.toyotahawaii.com/connectedservices.html>

Puerto Rico : <https://www.toyotapr.com/servicioscaneclados>

Canada : <https://www.toyota.ca/en/discover/connected-services/multimedia/>

<https://www.toyota.ca/fr/discover/connected-services/multimedia/>

Mexico : <https://www.toyota.mx/tecnologia-toyota/pasion-tecnologica/>

■ TEL

United States : 1-800-331-4331

*1 : These functions are not available in some countries, areas, or on some models.

Hawaii : 1-888-845-1583

Puerto Rico : 1-877-855-8377

Canada : 1-888-869-6828

Mexico : 52-800-786-9682

■ Dealer

Contact your Toyota dealer.



INFORMATION

- Some OTA updates may require Wi-Fi® connection.
- Connected services functionality is dependent upon network reception level and signal strength.
- Available services vary depending on the vehicle.

Safety Connect

Safety Connect provides the following services using DCM :

- Emergency Assistance
- Enhanced Roadside Assistance
- Automatic Collision Notification
- Stolen Vehicle Locator

Available services vary depending on the vehicle. For details, refer to "OWNER'S MANUAL".

INFORMATION

- Exposure to radio frequency signals : The system installed in your vehicle includes a low power radio transmitter and receiver. The system receives and also sends out radio frequency (RF) signals.
- In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies.
 - ANSI (American National Standards Institute) C95.1 [1992]
 - NCRP (National Council on Radiation Protection and Measurement) Report 86 [1986]
 - ICNIRP (International Commission on Non-Ionizing Radiation Protection) [1996]
- These standards are based on comprehensive and periodic evaluations of the relevant scientific literature. Over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).
- The system complies with the FCC guidelines in addition to those standards.
- Contact with the Toyota response center is dependent upon the telematics device being in operative condition, cellular connection availability, navigation map data, and GPS satellite signal reception, which can limit the ability to reach the Toyota response center or receive support. Enrollment and Connected Services Agreement ("Connected Services Terms of Use" and "Connected Services Privacy Notice") required. A variety of subscription terms are available; charges vary by subscription term selected.
- The Toyota response center offers support in multiple languages.

- Select Safety Connect-subscribed vehicles are capable of communicating vehicle information. Please see the terms and conditions for additional details. Owners who do not wish to have their vehicle transmit this information can opt out at the time of enrollment or by calling the call center (→ P.242), and following the prompts for Safety Connect.
- The system functions are not subject to section 255 of the Telecommunications Act and the system is not TTY compatible.

Service Connect

Service Connect uses DCM to collect and transmit vehicle data that allows Toyota to provide the following services:

- Vehicle Health Report (VHR) (Safety Recalls, Service Campaigns, Current Vehicle Alerts, Required Maintenance, and Vehicle Condition Status)
- Maintenance Reminders
- Vehicle Maintenance Alerts

Drive Connect

Drive Connect provides the following services using DCM :

- Cloud Navigation
- Destination Assist
- Voice Assistant

These services are available by subscription on select, telematics hardware-equipped vehicles and supported by the Toyota response center, which operates 24 hours a day, 7 days a week.

Remote Connect

Remote Connect is a smartphone application that lets you view and remotely control certain aspects of your vehicle.

INFORMATION

- Remote Connect should only be used by authorized users.
- Laws in some communities may require that the vehicle be within view of the user when operating Remote Connect. In some states, use of Remote Connect may violate state or local laws. Before using Remote Connect, check your state and local laws.
- Any malfunction of the vehicle should be repaired by your Toyota dealer.
- Remote Connect is designed to work at temperatures above approximately -22°F (-30°C). This specification is related to the Remote Connect operation, but is dependent on the vehicle's operating temperature range which may be different.
- Content is subject to change without notice.

WARNING

Operating Remote Connect incorrectly may lead to unforeseen accidents or malfunctions. Check the vehicle condition and assume full responsibility before using.

Wi-Fi® Connect

Wi-Fi® Connect provides the following services using DCM :

- Wi-Fi® Hotspot
- Integrated Streaming

These services are available by subscription on select, telematics hardware-equipped vehicles and supported by the Toyota response center, which operates 24 hours a day, 7 days a week.

7-1. Multi-terrain Monitor/Panoramic View Monitor/Toyota parking assist monitor	
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Multi-terrain Monitor^{*}/Panoramic View Monitor^{*}/Toyota parking assist monitor^{*} functions

In this item, the Multi-terrain Monitor, Panoramic View Monitor and Toyota parking assist monitor are described together. Refer to the description that corresponds to the installed system.

The Multi-terrain Monitor has an off-road mode and an on-road mode.

The Multi-terrain Monitor (off-road mode) helps the driver to check the vehicle surroundings. It assists in determining the conditions around the driver in a variety of situations, such as when judging conditions during off-road driving or checking for obstacles when parking. (→ P.258)

The Multi-terrain Monitor (on-road mode)/Panoramic View Monitor are devices that assist driving at low speeds by combining images from the front, side, and rear cameras mounted on the vehicle and displaying a seamless image of the vehicle's surroundings on the screen. (→ P.258)

Toyota parking assist monitor is a system that assists backing up operations, such as when parking, by displaying images from the rear camera that is installed to the vehicle. (→ P.275)

For details on Parking Assist-Sensor^{*}/RCTA (Rear Cross Traffic Alert)/RCD (Rear Camera Detection)^{*}/PKSB (Parking Support Brake)^{*}/FCTA (Front Cross Traffic Alert)^{*}, refer to "OWNER'S MANUAL".

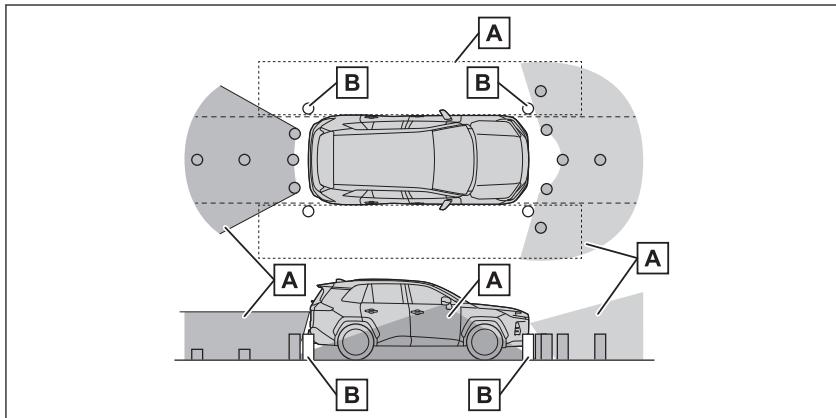
⚠ WARNING

Observe the following for safe use. Failure to do so may result in death or serious injury.

- The Multi-terrain Monitor/Panoramic View Monitor/Toyota parking assist monitor are systems that assist the confirmation of conditions around the vehicle. In some cases, the people displayed on the screen or the positions or distances of obstacles may differ from the actual conditions, and obstacles or people in the blind spots of cameras may not be displayed on the screen. In addition, the installation of new parts near the bumper may limit the area that is displayed on the screen. For this reason, be sure to drive while directly confirming the surrounding safety to prevent accidental contact with people, obstacles or other objects.

^{*}: If equipped

⚠ WARNING

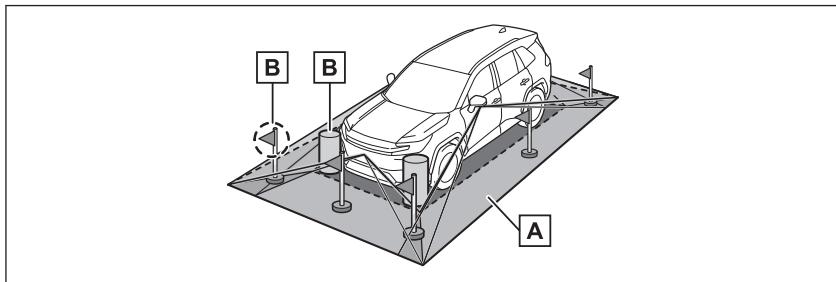


[A] Area displayed on the screen

[B] Objects not displayed on the screen

Not displayed in the front view and rear view.

- Each view screen of the Multi-terrain Monitor/Panoramic View Monitor displays composite images taken by multiple cameras, but due to the characteristics of composite image processing, the position and distance may differ from the actual image. Also, since the underfloor image display uses past images, it may not match the actual conditions.



[A] Area displayed on the screen

[B] Objects not displayed on the screen

Obstacles within the black area and areas higher than the road surface are not displayed on the screen.

⚠ NOTICE

- The following situations can cause errors in the position of the guide lines that are displayed on the screen.

NOTICE

- When tire sizes are changed
- When modifying the suspension
- On icy or slick road surfaces, or in snow
- When using tire chains or an emergency tire

● The monitor is not displayed correctly in the following conditions.

- When a door/back door is open
- When a non-Toyota part is installed to the area shown on the screen

● Do not subject the cameras and parking assist lights to strong impacts by hitting them, using a high pressure washer, throwing objects at them, etc. In addition, do not remove, disassemble or modify.

● Do not apply hot water to the camera in cold weather, as the sudden change of temperature may cause the camera to not operate properly.

● The camera may not function correctly and the image may be displayed on the screen in the following manner.

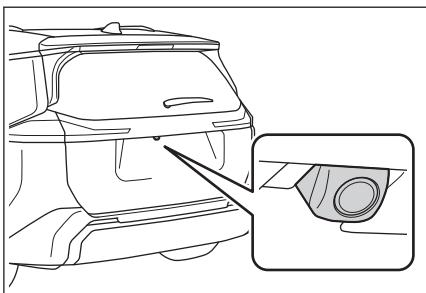
- Screen is displayed partially or fully in black
- When the shift position is changed to "R" or the camera switch^{*1} is pressed, the screen does not change to the camera image
- When the shift position is in any position other than "R" or the camera switch^{*1} is pressed, the camera screen will continue to be displayed
- The guide lines are not displayed on the camera image, and  is displayed

● In the underfloor image display, shadows that include those of the system's own vehicle may be cast under the vehicle and be noticeable when traveling at a low speed. (Multi-terrain Monitor/Panoramic View Monitor)

^{*1} : Vehicles with a Multi-terrain Monitor/Panoramic View Monitor

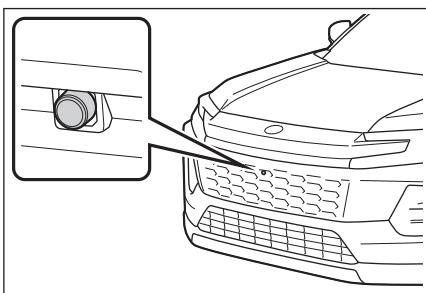
Camera/parking assist light positions

■ Rear camera

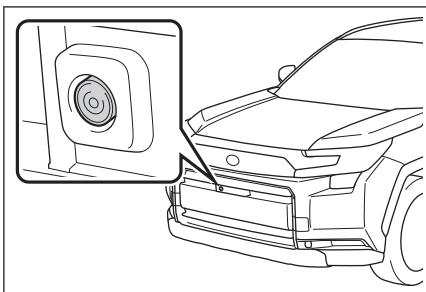


■ Front camera^{*1}

► Type A

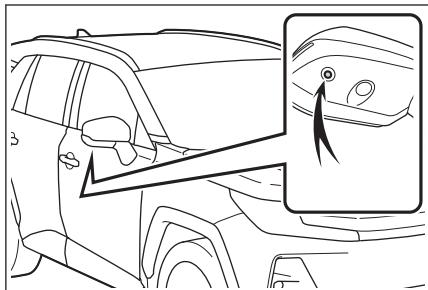


► Type B



*1 : Vehicles with a Multi-terrain Monitor/Panoramic View Monitor

■ Side camera^{*1}



■ Parking assist lights^{*2}



*1 : Vehicles with a Multi-terrain Monitor/Panoramic View Monitor

*2 : Vehicles with Advanced Park

Cleaning the camera

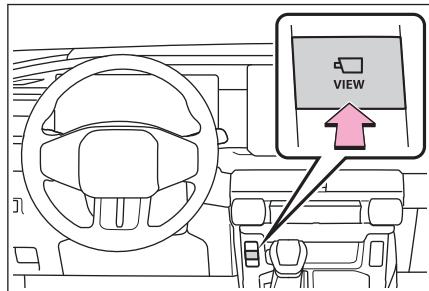
NOTICE

If the camera lens is dirty or covered with foreign matter such as water droplets, snow, mud, etc., the displayed image cannot be seen clearly. If this occurs, wash the camera with a large amount of water and wipe off the water droplets with a wet soft cloth.

Operations and screens of the Multi-terrain Monitor/Panoramic View Monitor

Camera switch

Change the display and modes of the Multi-terrain Monitor/Panoramic View Monitor.



INFORMATION

- After the camera switch is pressed, the Multi-terrain Monitor/Panoramic View Monitor screen will automatically return to the previous screen when the vehicle exceeds about 12 mph (20 km/h).
- If the camera switch is pressed when the vehicle is moving at about 12 mph (20 km/h) or more, the Multi-terrain Monitor/Panoramic View Monitor screens will automatically return to the previous screen after about 8 seconds.

How to switch the screen

■ Multi-terrain Monitor

The Multi-terrain Monitor screen is displayed when the camera switch is pressed or the shift position is changed with power switch is on.

The screen of the Multi-terrain Monitor (off-road mode) can be displayed when one of the following conditions is met. (→ P.259)

- Four-wheel drive control switch is in L4
- H4 and Multi-terrain Select is in on
- Crawl mode is in on
- Trail mode is in on

For conditions other than those listed above, the Multi-terrain Monitor (on-road mode) screen can be displayed. The on-road

mode screen is the same as the Panoramic View Monitor screen.
(→ P.261)

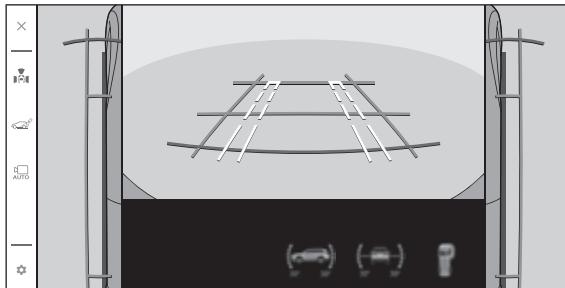
■ Panoramic View Monitor

The Panoramic View Monitor is displayed when the camera switch is pressed or the shift position is changed with power switch is on.

Screens of the Multi-terrain Monitor (off-road mode)

■ When checking the area to the front and sides of the vehicle

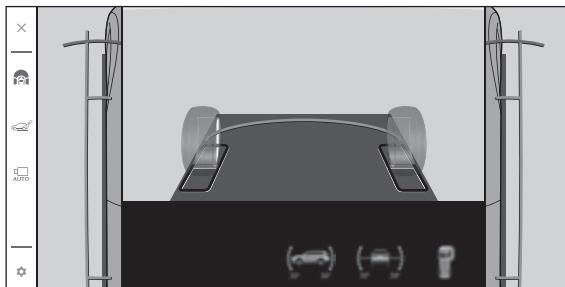
► Front view & dual side views



→ P.265

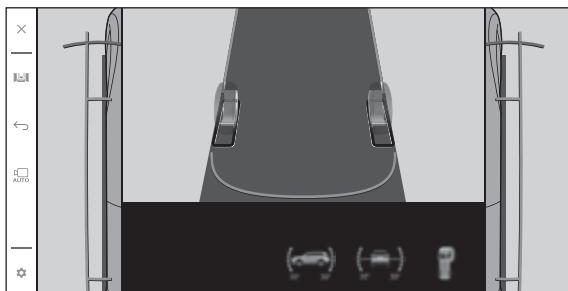
■ When checking the condition of the road surface under the vehicle

► Under vehicle terrain view & dual side views



→ P.266

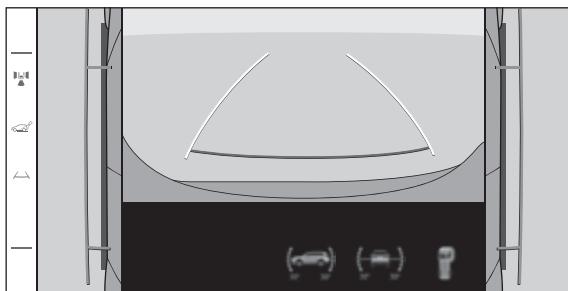
► Under vehicle terrain view (rear wheel) & dual side views



→ P.267

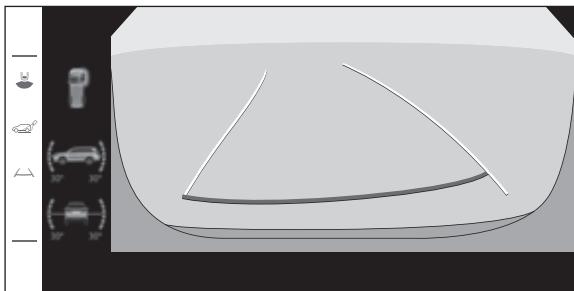
■ When checking the area to the rear of the vehicle

► Narrow rear view & dual side views



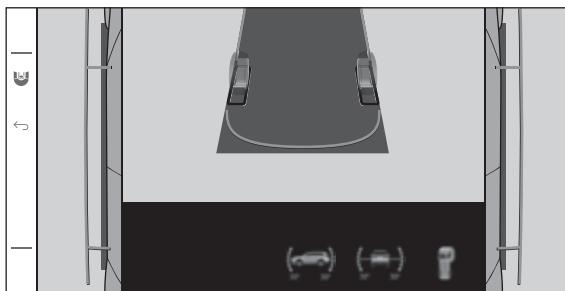
→ P.268

► Wide rear view



→ P.268

► Under vehicle terrain view (rear side) & dual side views



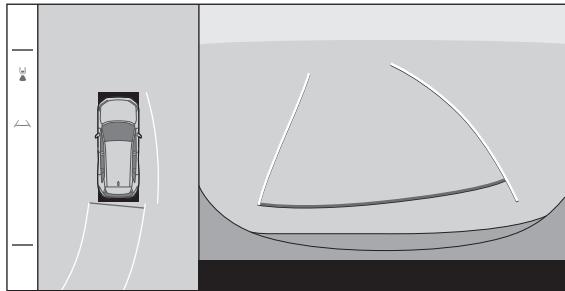
→ P.269

INFORMATION

If the normal display is touched, it switches from normal to magnified display. Selecting the display again returns the screen to the normal display.

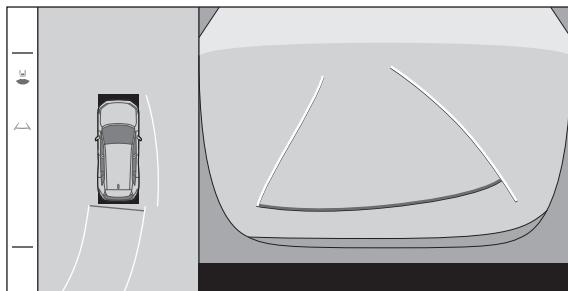
Screens of the Multi-terrain Monitor (on-road mode)/Panoramic View Monitor

- When checking the area to the rear of the vehicle
- Narrow rear view & panoramic view



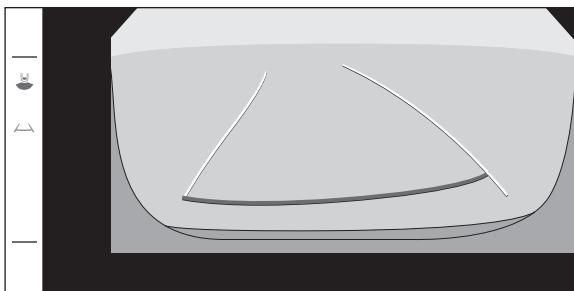
→ P.270

► **Wide rear view & panoramic view (Vehicles without the 10.5-inch display)**



→ P.270

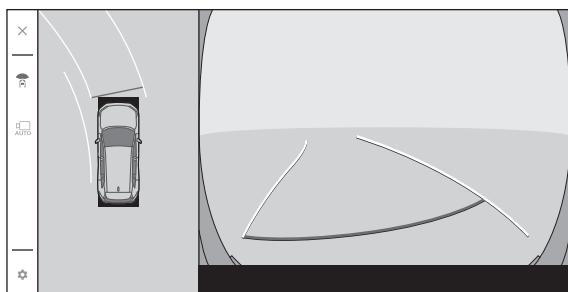
► **Wide rear view (Vehicles with the 10.5-inch display)**



→ P.270

■ **When checking the area to the front of the vehicle**

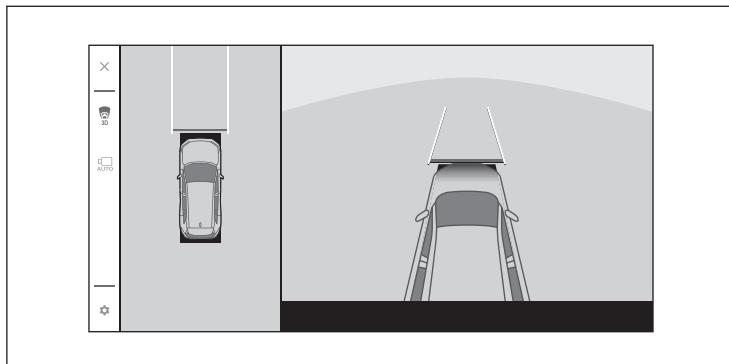
► **Wide front view & panoramic view**



→ P.272

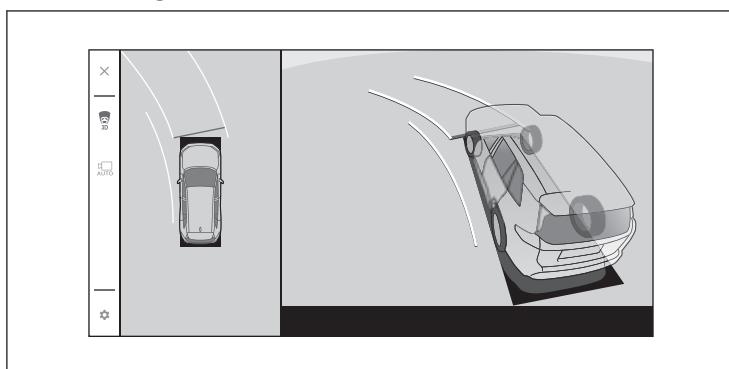
■ When checking the area to the front and sides of the vehicle

► Side clearance view & panoramic view



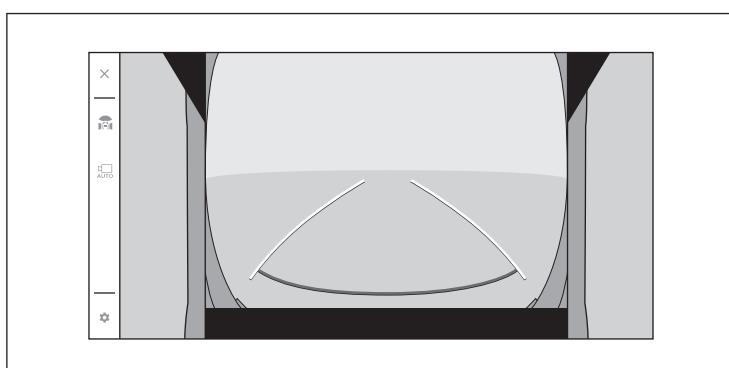
→ P.273

► Cornering view & panoramic view



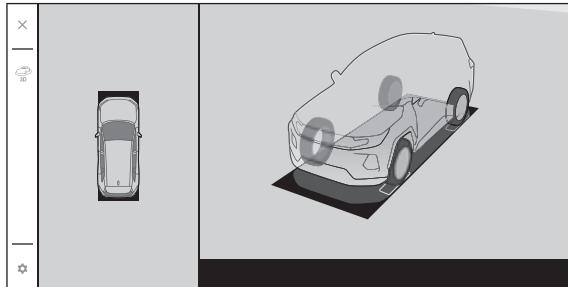
→ P.273

► The screen when the outside rear view mirrors are folded



■ When checking the vehicle's surroundings

► Parking view & panoramic view



→ P.273



INFORMATION

When the Parking Assist-Sensor is turned on, you can display parking view/side clearance view/cornering view.

How to operate 3D view

When the shift position is in "P", the image viewpoint can be freely changed by finger operation.

Double tap	Flick/Swipe	Pinch in/pinch out	Multi-swipe
 Back to initial viewpoint	 Rotation	 Scaling	 Vertical and horizontal movement

Interpretation and functions of the Multi-terrain Monitor (off-road mode) screen

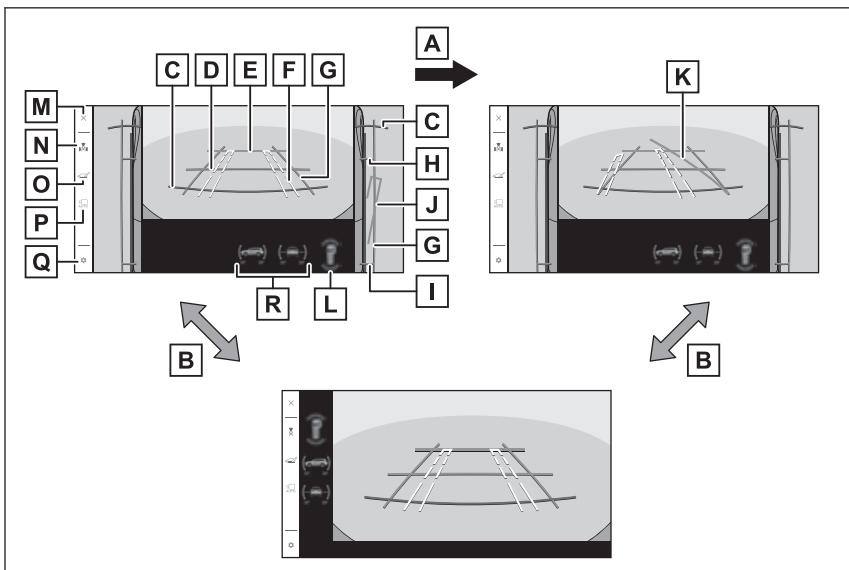
Front view & dual side views

Front view and dual side views can be used to check the area around the front of the vehicle.

- In addition to an image of the front of the vehicle, guide lines are displayed in a composite view to provide a reference for when deciding a direction to move forward in.

Screen display

- 1 Shift the shift position to "P", "D" or "N".
- 2 Press the camera switch until the front & dual side views are displayed.



- A If the steering wheel is turned
- B Selecting the display
- C 1.5 ft. (0.5 m) distance guide line (red)
- D 3 ft. (1 m) distance guide line (blue)
- E 6 ft. (2 m) distance guide line (blue)

Items **C** to **E** indicate the estimated distance from the front end of the vehicle.

F Front tire course line (yellow)

G Vehicle width lines (blue)

H Front tire contact line (blue)

I Rear tire contact line (blue)

Items **H** and **I** indicate estimated tire positions on the image.

J Rear tire course line (yellow)

Indicates the estimated course of the rear tires.

K Forward movement guide line (blue)

Indicates the estimated tire course of the tightest possible turn.

L Parking Assist-Sensor/slip display

Indicates tire spinning by changing color and flashing the tire displayed. If the Parking Assist-Sensor detects a static object when the system is enabled, the indicator is displayed on the screen.

M Display off button

Changes the screen back to the previously displayed screen, such as the audio screen.

N Display mode switching button

Switches display mode every time touch the button.

O Under vehicle terrain view (rear wheel) display switching button

Switch the under vehicle terrain view (rear wheel) & dual side views.
(→ P.267)

P Automatic display mode switching button

When the button is touched, the automatic display mode turns on.

When the automatic display mode is turned on, the Multi-terrain Monitor (off-road mode) screen is automatically displayed when the vehicle speed is decelerated to about 12 mph (20 km/h) or less.

Q Customize settings button

Changes settings, such as the Parking Assist-Sensor detection distance.(→ P.277)

R Tilt meter

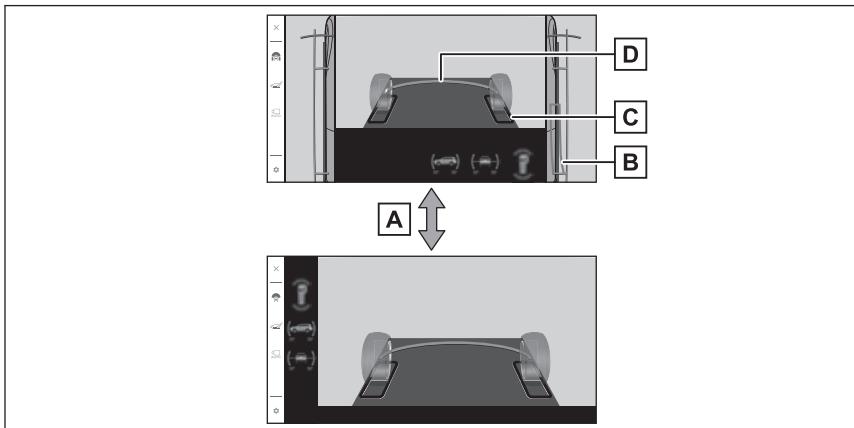
Displays the vehicle's estimated degree of incline.

Under vehicle terrain view & dual side views

The display combines an image from under the vehicle that is captured just before and lines indicating the current vehicle position and tire positions to help the driver in operations such as understanding conditions under the vehicle and the front wheel positions.

Screen display

- 1 Shift the shift position to "P", "D" or "N".
- 2 Press the camera switch until the under vehicle terrain view & dual side views are displayed.



A Touching the display

B Rear tire course line (yellow)

Indicates the estimated course of the rear tires.

C Tire position indicator lines (black, white)

Indicates the estimated position of the front tires.

D Vehicle position indicator lines (blue)

Indicates the estimated position of the vehicle.

Under vehicle terrain view (rear wheel) & dual side views

The display combines an image from under the vehicle that is captured just before and lines indicating the current vehicle position and tire positions to help the driver in operations such as understanding conditions under the vehicle and the rear wheel positions.

Screen display

- 1 Shift the shift position to "P", "D" or "N".
- 2 Press the camera switch.
- 3 Press the under vehicle terrain view (rear wheel) display switching button.

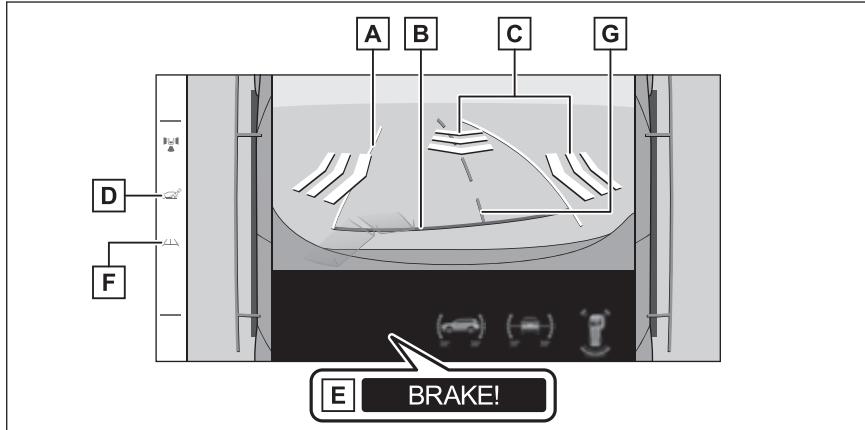
Narrow rear view & dual side views/wide rear view & dual side views/wide rear view

This mode displays images from the side of the vehicle and from the rear camera at the same time to check for safety when parking.

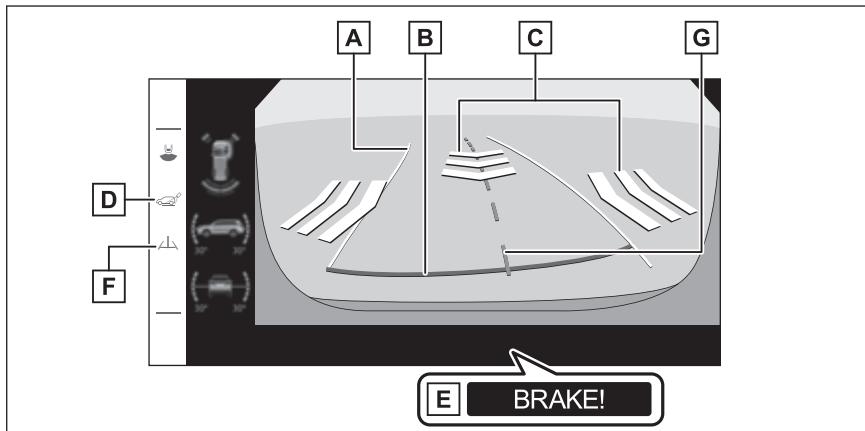
Screen display

- Shift the shift position to "R".

► Narrow rear view & dual side views



► Wide rear view



A Reverse estimated course lines

Displays course lines (yellow) that are linked to operation of the steering wheel.

B Rear distance guide lines

Indicates that there is only a short distance remaining behind of the vehicle.

C RCTA (Rear Cross Traffic Alert)/RCD (Rear Camera Detection)

When approaching vehicles, obstacles or other objects from the rear or side are detected, an indicator is displayed on the screen.

D Under vehicle terrain view (rear side) display switching button

Switch the under vehicle terrain view (rear side) and dual side views.
(→ P.269)

E PKSB (Parking Support Brake)

When the system determines that the possibility of a collision with detected target objects is high, a warning message is displayed.

F Guide line switching button

Switches guide line mode every time you touch the button.

G Towing guide line

This item indicates the estimated course (green) of the towing ball mount in accordance with the steering wheel operation.

Under vehicle terrain view (rear side) & dual side views

The display combines an image from under the vehicle that is captured just before and lines indicating the current vehicle position and tire positions to help the driver in operations such as understanding conditions under and to the rear of the vehicle, and the rear wheel positions.

Screen display

- 1 Shift the shift position to "R".
- 2 Touch the under vehicle terrain view (rear side) display switching button.

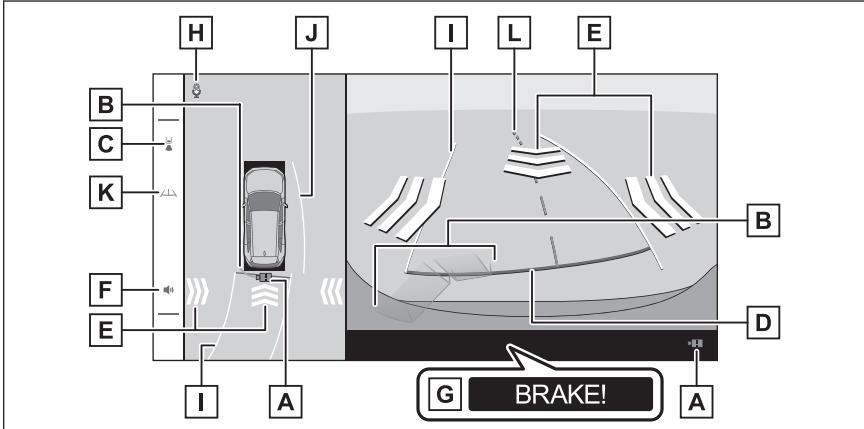
Interpretation and functions of the Multi-terrain Monitor (on-road mode)/Panoramic View Monitor screens

Narrow rear view & panoramic view/wide rear view & panoramic view/wide rear view

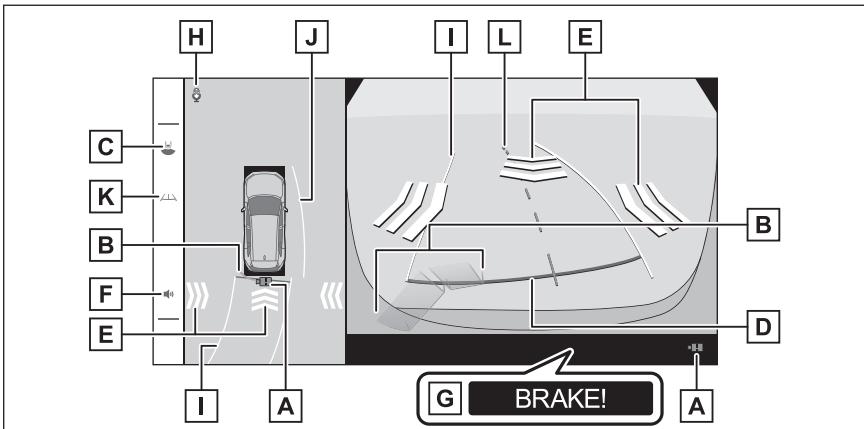
Screen display

- Shift the shift position to "R".

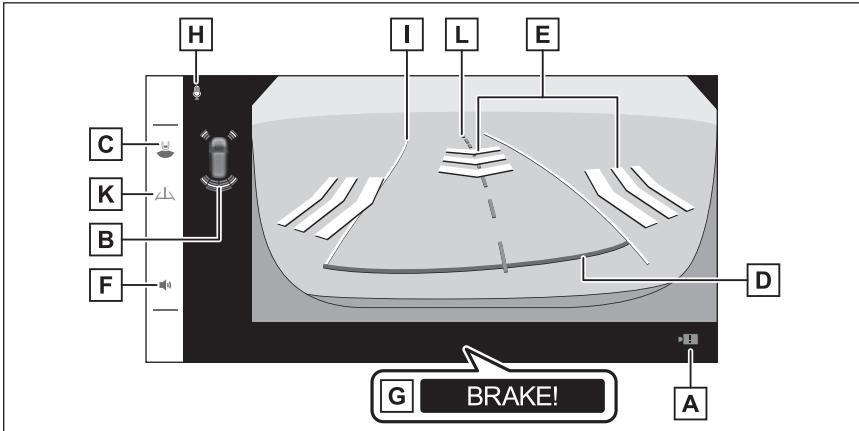
► Narrow rear view & panoramic view



► Wide rear view & panoramic view (Vehicles without the 10.5-inch display)



► Wide rear view (Vehicles with the 10.5-inch display)



A Camera dirt detection icon

This icon is displayed when dirt is detected on the camera.

B Parking Assist-Sensor

Displays an indicator on the screen and sounds a buzzer when an object is detected by a sensor.

C Display mode switching button

Switches display mode every time you touch the button.

D Rear distance guide lines

Indicates that there is only a short distance remaining behind of the vehicle.

E RCTA (Rear Cross Traffic Alert)/RCD (Rear Camera Detection)

When approaching vehicles, obstacles or other objects from the rear or side are detected, an indicator is displayed on the screen.

F Mute button

Temporarily mute the alert sound.

G PKSB (Parking Support Brake)

If an object that you may collide with is detected, a message is displayed on the screen.

H Voice recognition icon*

This icon is displayed when the Voice Assistant is in operation.

I Reverse estimated course lines

Displays course lines (yellow) that are linked to operation of the steering wheel.

J Side estimated course lines

* : If equipped

Displays course lines (yellow) that are linked to operation of the steering wheel.

K Guide line switching button*

Switches guide line mode every time you touch the button.

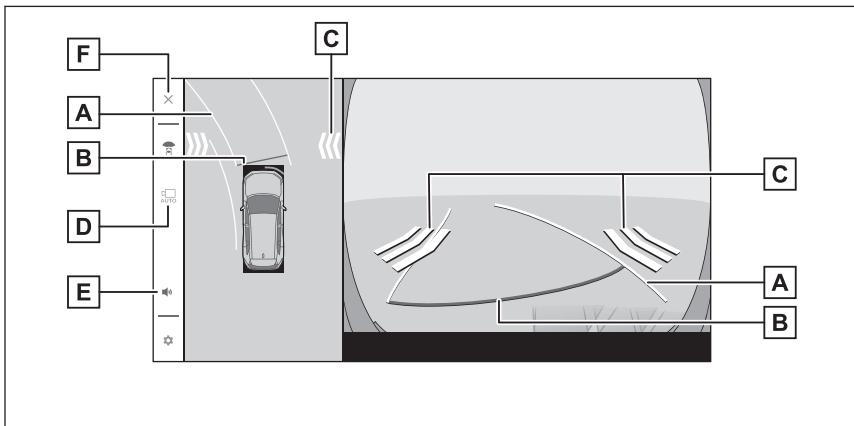
L Towing guide line*

This item indicates the estimated course (green) of the towing ball mount in accordance with the steering wheel operation.

Wide front view & panoramic view

Screen display

- 1 Shift the shift position to "D" or "N".**
- 2 Press the camera switch until the wide front view & panoramic view are displayed.**



A Forward estimated course lines

Displays course lines (yellow) that are linked to operation of the steering wheel.

B Forward distance guide lines

Indicates that there is only a short distance remaining in front of the vehicle.

C FCTA (Front Cross Traffic Alert)*

When approaching vehicles or obstacles from the front or side are detected, an indicator is displayed on the screen.

D Automatic display mode switching button

* : If equipped

When the button is touched, the automatic display mode turns on.

When the automatic display mode is turned on, the Multi-terrain Monitor (on-road mode)/Panoramic View Monitor screens are automatically displayed when the vehicle speed is decelerated to about 12 mph (20 km/h) or less.

[E] Mute button

Temporarily mute the alert sound.

[F] Display off button

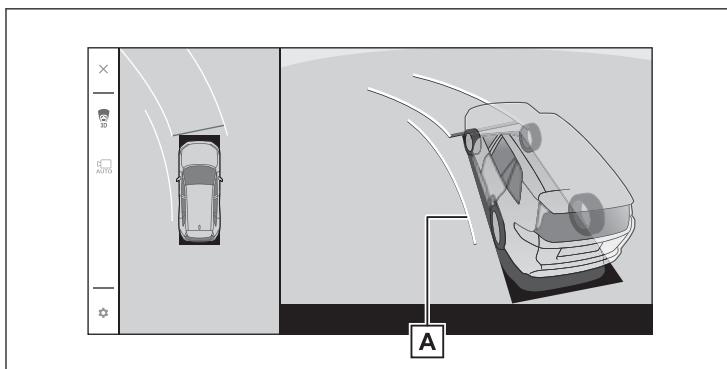
Changes the screen back to the previously displayed screen, such as the audio screen.

Side clearance view/cornering view & panoramic view

Screen display

- 1 Shift the shift position to "D" or "N".
- 2 Press the camera switch until the side clearance view & panoramic view are displayed.

- When the steering wheel is operated, the view is switched from the side clearance view to the cornering view.



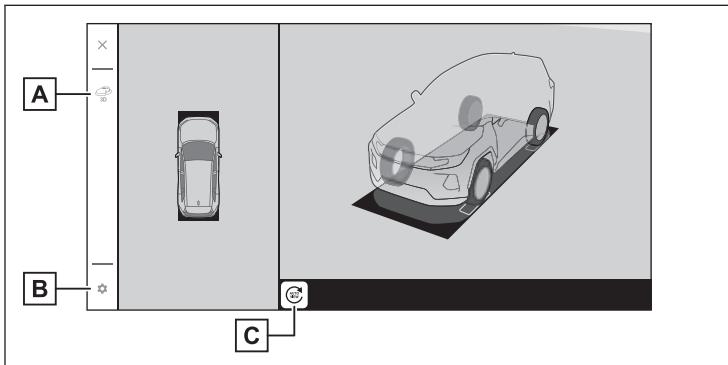
[A] Rear wheel estimated course lines

Displays course (yellow) lines that are linked to operation of the steering wheel.

Parking view & panoramic view

Screen display

- 1 Shift the shift position to "P".
- 2 Press the camera switch until the parking view & panoramic view are displayed.



A **Parking View Icon**

Indicates that the view is a parking view.

B **Customize settings button**

Changes settings, such as the Parking Assist-Sensor detection distance. (→ P.277)

C **Initial viewpoint button**

Return the 3D view operation to its initial state. Not displayed in the initial state.

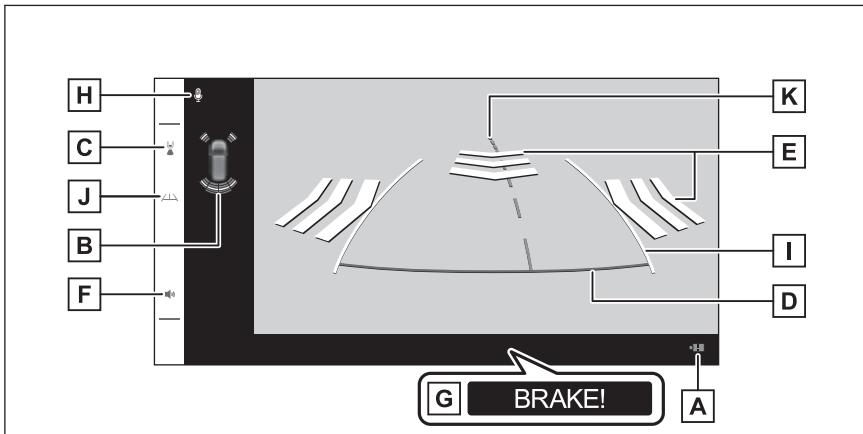
Operations and screens of the Toyota parking assist monitor

How to switch the screen

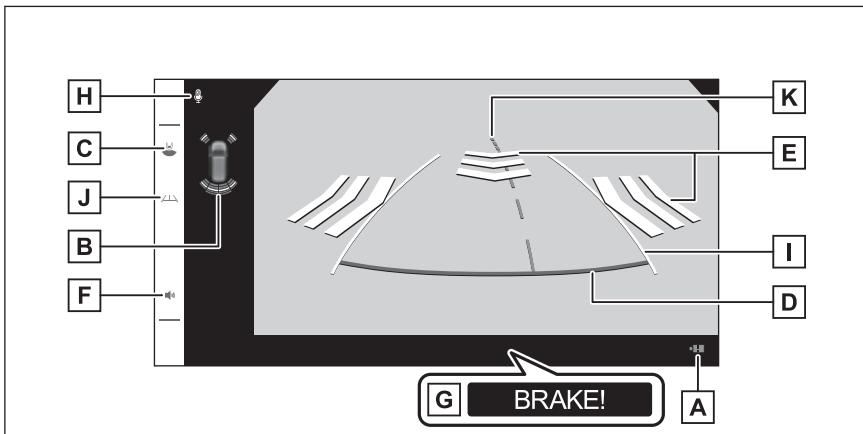
When the shift position is in "R" with the power switch turned ON, the Toyota parking assist monitor screen will be displayed.

Screens of the Toyota parking assist monitor

► Narrow rear view



► Wide rear view



A Camera dirt detection icon*

This icon is displayed when dirt is detected on the camera.

* : If equipped

- B Parking Assist-Sensor***
Displays an indicator on the screen and sounds a buzzer when an object is detected by a sensor.
- C Display mode switching button**
Switches display mode every time you touch the button.
- D Rear distance guide lines**
Indicates that there is only a short distance remaining behind of the vehicle.
- E RCTA (Rear Cross Traffic Alert)/RCD (Rear Camera Detection)***
When approaching vehicles, obstacles or other objects from the rear or side are detected, an indicator is displayed on the screen.
- F Mute button**
Temporarily mute the alert sound.
- G PKSB (Parking Support Brake)***
If an object that you may collide with is detected, a message is displayed on the screen.
- H Voice recognition icon***
This icon is displayed when the Voice Assistant is in operation.
- I Reverse estimated course lines**
Displays course lines (yellow) that are linked to operation of the steering wheel.
- J Guide line switching button**
Switches guide line mode every time you touch the button.
- K Towing guide line**
This item indicates the estimated course (green) of the towing ball mount in accordance with the steering wheel operation.

* : If equipped

Changing the settings of the Multi-terrain Monitor/Panoramic View Monitor

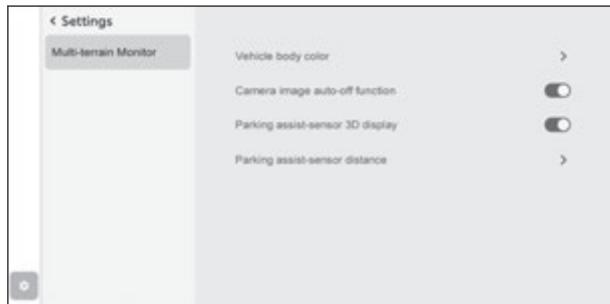
Changing the settings from the multimedia screen

- 1 Touch [].
- 2 Touch [Driving Assist] on the sub menu.
- 3 Touch [Parking assist].
- 4 Touch [Multi-terrain Monitor] or [Panoramic View Monitor].
- 5 Select the desired item.(→ P.277)

Changing the settings from the camera screen

- 1 Shift the shift position to "P" or "D" and press the camera switch.
- 2 Touch [].
- 3 Select the desired item.(→ P.277)

Multi-terrain Monitor/Panoramic View Monitor settings screen



● [Vehicle body color]

Change the vehicle body color displayed on the screen.

● [Camera image auto-off function]

The screen display timer function can be set to ON/OFF.

● [Parking assist-sensor 3D display]

Show or hide the Parking Assist-Sensor 3D display.

● [Parking assist-sensor distance]

Change the distance that the Parking Assist-Sensor starts detecting obstacles.

If you notice any symptoms

If you notice or are troubled by any of the symptoms below, check the issue again referring to the likely cause and solution. If the symptom is not resolved by the solution, have the vehicle inspected by your Toyota dealer.

Symptom	Likely cause	Solution
The screen is difficult to see	<ul style="list-style-type: none"> ● The vehicle is in a dark area or it is night. ● The temperature around the lens is either high or low. ● The outside temperature is low. ● There are water droplets on the camera. ● It is raining or humid. ● Foreign matter (mud etc.) is stuck to the camera. ● Sunlight or headlights are shining directly into the camera. ● The vehicle is under fluorescent lights, sodium lights, mercury lights, etc. 	Visually check the vehicle's surroundings while you are driving.

8-1. Drive Recorder

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Features of the drive recorder^{**1}

The drive recorder records images captured by the vehicle's front, rear, left, and right cameras and stores them in the onboard memory device.^{*2}

The drive recorder records images captured by the vehicle's front and rear cameras and stores them in the onboard memory device.^{*3}

- The drive recorder uses the same front camera as that used for the Toyota Safety Sense. For details, Refer to "OWNER'S MANUAL".
- The drive recorder uses the same all-around camera as that used for the Panoramic View Monitor. For details, see "Multi-terrain Monitor or Panoramic View Monitor".^{*2}(→ P.252)
- The drive recorder uses the same rear camera as that used for the Toyota parking assist monitor. For details, see "Toyota parking assist monitor functions".^{*3}(→ P.252)

Precautions when using the drive recorder

The default value for the drive recorder setting is OFF, so recording will not start. Turn the drive recorder setting ON and use it with recording enabled. (→ P.299) To make the drive recorder functions available, it is necessary to register User Profile and to enable them on the settings screen.(→ P.39)

The drive recorder functions are disabled when [System reset] is selected on the profile settings (→ P.49), even though they were set to on. To use the drive recorder again, enable the functions on the settings screen. (→ P.299)

In the following situations, the drive recorder functions may be disabled. Routinely check that the video is being recorded. (→ P.293)

- When the vehicle is in the factory-default settings
- When the vehicle has been repaired
- When software has been updated

* : If equipped

^{*1} : This function is not available in some regions.

^{*2} : With Multi-terrain Monitor or Panoramic View Monitor

^{*3} : With Toyota parking assist monitor

Checking the recording status

For the recording status, check the status icon at the top of the screen. (→ P.20)

	Recording is in progress.
	An error has been detected. Consult your Toyota dealer.
	<p>Recording has stopped.</p> <p>The drive recorder is designed to stop recording in the following situations:</p> <ul style="list-style-type: none"> ● When the drive recorder functions are disabled (→ P.299) ● When the power switch is in ACC ● When [Library] is touched on the screen displayed when the screen buttons are touched in the sequence of [], [Drive Recorder], and [Library] <p>If the icon is displayed in situations other than the above, consult your Toyota dealer.</p>

INFORMATION

To resume recording, after being halted when [Library] is touched, perform any of the below.

- Return to the screen where [Library] is displayed.
- Change the system to another mode.
- Release the parking brake.

Before using the drive recorder

- Although it is intended for the drive recorder to record constantly when the power switch is on, it is not guaranteed that the device will work in all circumstances. Toyota Motor Corporation is not responsible for any damages arising from failure to record properly or any damages to recorded data.
- One purpose of the drive recorder is to help in a post-car accident investigation etc. However, it is not guaranteed that the device will provide valid evidence.

- When all of the available memory of the in-vehicle memory device is filled by recording, any new recordings will replace (overwrite) the existing ones. If some recordings are needed for future investigative purposes etc., transfer them to an external memory device immediately.
- Be aware that, depending on the purpose or means of the use of the recorded data, images recorded by the drive recorder may infringe upon the privacy or other rights of the persons recorded. Do not use the recorded images for dishonest reasons. Toyota Motor Corporation is not responsible for any damages arising from such incidents. Adhere to local laws when using Drive Recorder feature.
- It is not guaranteed that the state of traffic lights can always be identified in the recordings of the drive recorder. If it cannot be ascertained from the recording due to the surrounding environment, refer to the recordings taken directly before/after the desired timing, or to the situations of other vehicles in the vicinity, to see if the state of the traffic lights can be ascertained. Toyota Motor Corporation is not responsible for any damages arising from incidents of unidentified traffic lights status.
- When the vehicle is started after the 12-volt battery was replaced, or when the multimedia system is removed from/installed to the vehicle, the time on the recording will return to the default setting of 2019/1/1 or 2020/1/1. Therefore, the clock will require resetting to the current time and time zone. In order to reset the clock of the drive recorder, drive the vehicle to an area where GPS signals can be received. Then, turn the power switch on and wait for 90 seconds. After that, turn the power switch off and wait for another 90 seconds.
- When the vehicle is started after the 12-volt battery was replaced, or when the multimedia system is removed from/installed to the vehicle, ensure the vehicle is on a level surface and in a stationary position before initializing the drive recorder (to allow calibration of the impact detection sensor to be performed correctly). If the surface is not level, then an impact may not be detected correctly or an incident may be more likely or less likely detected.
- If the 12-volt battery is disconnected due to a traffic accident etc., the drive recorder will record up to the moment when the connection was severed.

- While a software update is being performed on the vehicle, it is not possible to record images on the drive recorder.

- **Disclaimer**

Toyota Motor Corporation is not liable for any damages or malfunctions suffered by the customer or a third party that may arise from the misuse or the use of the drive recorder, or any damages occurring as a result of the use of the drive recorder, except for cases where liability for compensation is recognized by law.

- **Copyright**

- Under the copyright regulations, it is not allowed to use recordings or images without the written consent of the copyright holder, except for personal use.
- Be aware that recording may be restricted even for the purpose of personal enjoyment, such as viewing, entertainment, exhibits, etc.

Recording function

The drive recorder records through the vehicle's front, rear, left,^{*1} and right^{*1} cameras and stores data into the in-vehicle memory device. This device has the following three recording functions:

■ Continuous loop recording

Records constantly when the the power switch is on.

■ Manual recording

Allows manual recording at the desired time.

■ Incident recording

Starts recording automatically when a threshold level of impact is detected.



INFORMATION

- In the following situations, image recording may not be performed properly:
 - When driving in the dark at night and there are no street lights or other light sources
 - When a vehicle is approaching from behind at night or with its headlights on high beam

^{*1} : With Multi-terrain Monitor or Panoramic View Monitor

- When the sunlight reflects on the camera, such as in the morning or in the evening
- When it is raining or snowing, or after rain has stopped but the road surface is wet and shiny, or there are puddles remaining
- When the brightness changes suddenly, such as at the entrance or exit of a tunnel
- When the camera's field of view is blocked, such as when an object is placed in front of the camera
- When the exhaust smoke from the muffler enters the camera's field of view, such as when the vehicle is stopped
- When the camera lens is dirty, has water droplets on it, or becomes blurred
- When the camera position or direction is shifted by a change in vehicle height caused by the number of occupants or loading conditions, etc.
- When the camera position or direction is shifted due to an impact on the rear of the vehicle, etc.
- When driving on steep mountainous terrain or when driving on sharp curves
- When the preceding/following vehicle is hidden by road structures, such as guardrails or roadside trees

● When [System reset] is performed, all recorded images will be deleted and the settings of the drive recorder will be initialized. It is not possible to return the device to the state before initialization.

● When the wipers are in use, they may be visible and cause the recorded image to appear as if it is flickering. This is not a malfunction.

▶ Image quality/frame rate^{*1}

	Front camera	All-around camera(s) ⁽²⁾
Image quality	1920×1080px (1920×1000px ⁽¹⁾)	1920×1080px (With one camera: 960×540px)
Frame rate		30fps

(1) Since black bands are recorded above and below, the actual image will be 1920×1000px.

(2) Recording starts both during manual recording and incident recording.

^{*1} : With Multi-terrain Monitor or Panoramic View Monitor

► Image quality/frame rate^{*1}

	Front camera	Toyota parking assist monitor camera ⁽²⁾
Image quality	1920×1080px (1920×1000px ⁽¹⁾)	1920×1080px ⁽³⁾
Frame rate		30fps

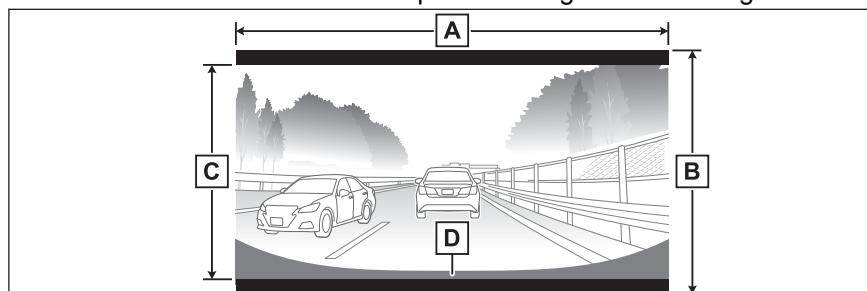
(1) Since black bands are recorded above and below, the actual image will be 1920×1000px.

(2) Recording starts both during manual recording and incident recording.

(3) The actual image of 1280×960px has been resized.

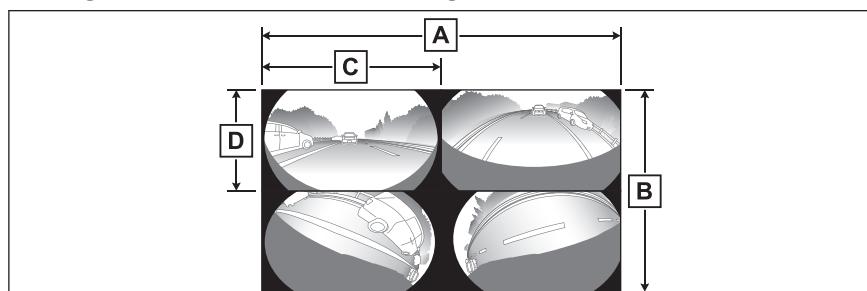
► Front recording image

Part of the camera cover will be captured during front recording.



- A 1920px
- B 1080px
- C 1000px
- D Camera cover

► Images of all-around recording^{*2}

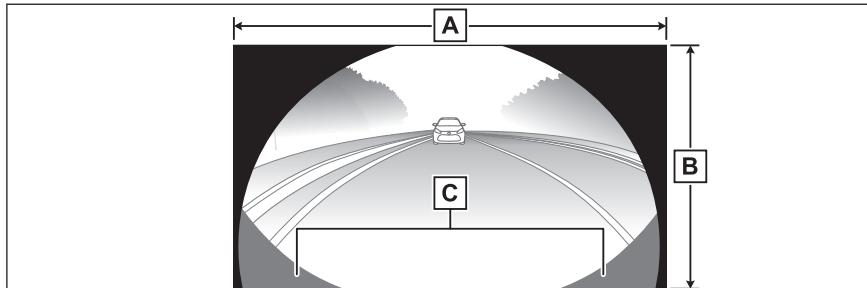


*1 : With Toyota parking assist monitor

*2 : With Multi-terrain Monitor or Panoramic View Monitor

- A 1920px
- B 1080px
- C 960px
- D 540px

► Toyota parking assist monitor camera^{*1}



- A 1920px
- B 1080px
- C Rear bumper

Types of image recording

■ Continuous loop recording

When the power switch is turned on, recording starts automatically.

When the power switch is turned off, recording stops.

- The total recording time available for continuous loop recording is the recording space of the in-vehicle memory (approximately 90 minutes).

Depending on the conditions under which recording takes place, the total time available for recording may become shorter or longer.

- Recorded data can be viewed in lengths of approximately 1 minute.
- When all of the available memory of the in-vehicle memory device is filled by recording, file deletion will begin with the oldest files and continues in succession as new recording proceeds. If saving of some recordings are desired, transfer them to an external media device.

^{*1} : With Toyota parking assist monitor

- While in continuous loop recording mode, [] will be displayed on the status bar of the multimedia system.
- The recording functions can be stopped as necessary.

■ Manual recording

Manual recording can be started at any time during continuous loop recording by selecting the command switch on the screen or by using a voice command.

- Upon receiving a manual recording command, the drive recorder will record 10 seconds before receipt and 10 seconds after receipt (total 20 seconds). Depending on the timing of when the manual recording takes place, the duration of recording may be up to a maximum of approximately 60 seconds.
- An additional command will not be accepted for 10 seconds after a manual command was received.
- The limit for the manual recording protection is 4 files for front recording, 4 files for all-around recording^{*1} and 4 files for rear recording^{*2}. Manual recording exceeding those limits will not be accepted.
 - When [Manual recording overwrite] is turned on, files of the earliest shooting time will be overwritten.
- The drive recorder can be used only when the power switch is on. (It cannot be used in ACC mode.)
- There may be instances where manual recording cannot be performed due to the device malfunction etc.
- You cannot view the footage during manual recording.

■ Incident recording

Incident recording starts automatically while in continuous loop recording mode if an impact above the threshold level is detected, or if similar incidents occur, such as when the activation of an SRS airbag is detected by the multimedia system, or when sudden braking or sudden steering wheel operation are observed.

- Upon occurrence of such an incident, the drive recorder will record 10 seconds before the event and 10 seconds after the event (total 20 seconds). Depending on the timing of when the incident

^{*1} : With Multi-terrain Monitor or Panoramic View Monitor

^{*2} : With Toyota parking assist monitor

recording takes place, the duration of recording may be up to a maximum of approximately 60 seconds.

- The limit for the incident recording protection is 5 files for front recording, 5 files for all-around recording^{*1} and 5 files for rear recording^{*2}. When incident recording exceeds those limits, incident recording files of the earliest recording time will be overwritten in succession.
- Do not attempt to intentionally make an incident occur in order to see if the drive recorder detects such an incident.
- In the following situations, the drive recorder may not be able to detect an incident, and the recording/protection of the recording may not occur appropriately.
 - When a collision takes place at low vehicle speeds or when the relative speed difference between your vehicle and the other vehicle is small
 - When a collision takes place on an impact-mitigating area, such as a bumper, of your vehicle or the other vehicle
 - When a collision takes place with a vehicle lighter than yours or with a person or a bicycle, etc.
 - When a collision takes place in a way that your vehicle scrapes along a lateral side of the other vehicle
 - When braking suddenly on a snowy/icy road

As, on a snowy/icy road surface, tire friction becomes much less, even an impact too small to be detected by G sensor may cause the vehicle to slip.

- When an impact is too weak to be detected by the sensors of the drive recorder.
- Video playback is not possible during incident recording.
- If an incident is detected during video playback, incident recording will take priority.
- When driving on steep inclines, detection of an event may become either easier or more difficult.

^{*1} :With Multi-terrain Monitor or Panoramic View Monitor

^{*2} :With Toyota parking assist monitor

Precautions to be observed when relinquishing ownership of the vehicle

As the use of the drive recorder leaves a significant amount of personal information with the vehicle. When ownership of the vehicle is to be relinquished, make sure to initialize the device to erase all existing information.

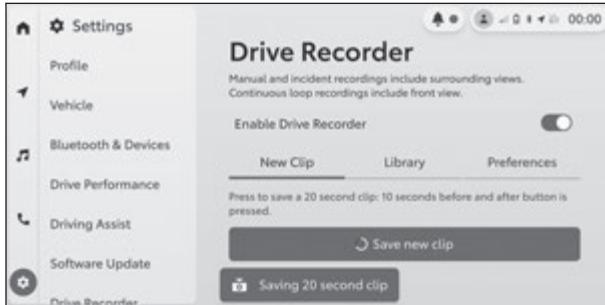
When initialization is performed to delete all information, all recorded images and sounds will be deleted and the settings of the drive recorder will be refreshed. It is not possible to return the device to the state before initialization.

For any questions regarding the initialization of the drive recorder, contact your Toyota dealer.

Starting manual recording

Recording can be started at any time.

- 1 Touch [] on the main menu.
- 2 Touch [Drive Recorder] on the sub menu.
- 3 Touch [New clip].
- 4 Touch [Save new clip].



INFORMATION

Manual recording can also be started by using a voice command or with the manual recording switch on the quick control screen.

Playing back recorded video files

Recorded images can be played back.

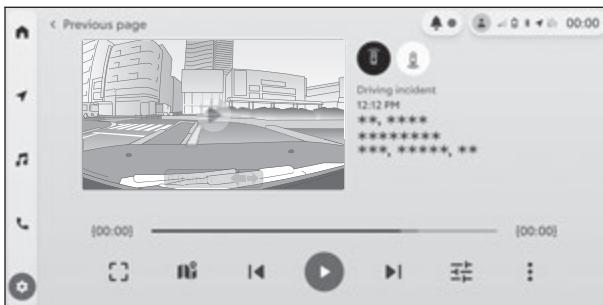
- 1 Touch [] on the main menu.
- 2 Touch [Drive Recorder] on the sub menu.
- 3 Touch [Library].
- 4 Touch the desired recording type.

When [Manual recordings], [Driving incidents], or [Continuous loop] is selected, touch the desired file to be played back on the thumbnail list.

When [Map view] is selected, an icon will be displayed on the location of the map where the selected image was recorded.*¹ Touch the icon on the map to play it back.

- When an icon is touched, it will be displayed at the center of the map. Touch the icon again to display the preview screen.
- From the preview screen, it is not possible to play back the video file. To display the playback screen, touch the thumbnail.
- If there is more than one page available, touch [<]/[>] to change pages.

- 5 If necessary, operate the image being played back.



[]/[]*²/[]*³ : Select to change images to be displayed. These buttons are displayed only in manual recording mode or incident recording mode.

[] : Select to maximize the selected image. Touch [] to reduce the image size.

*¹ : Navigation subscription is required to use this feature.

*² : With Toyota parking assist monitor

*³ : With Multi-terrain Monitor or Panoramic View Monitor

[] : The location where the footage was recorded is displayed as an icon on the map.*1

- Selecting an icon displayed on the map will show the preview screen.
- You can switch between previews within the number of items displayed on the icon.

[]/[] : Select to change files.

[] : Select to play back.

[] : Select to pause the playback.

[] : Select to adjust the image quality.

[] : Select to display the options screen.

Use the options screen to perform the following:

- [**Export to USB**] : Select to transfer recorded video files to an external media device.
- [**Preferences**] : Select to display the drive recorder settings screen.
- [**Delete current clip**] : Select to delete the selected video files.

INFORMATION

- When playing back a file recorded in all-around recording mode, touch the image to enlarge.*2
- When a file is being played back, recording cannot be performed.
- When it snows/rains, or when the camera lens is covered with rain-drops or dirt, it may become difficult to see images.
- Due to the characteristics of the camera lens, the location/distance of persons or objects displayed may appear differently than they are actually in.

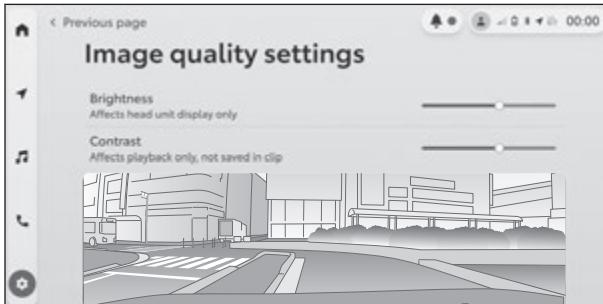
*1 : Navigation subscription is required to use this feature.

*2 : With Multi-terrain Monitor or Panoramic View Monitor

Adjusting the image quality of recorded video files

The quality of images to be played back can be adjusted.

- 1 Touch [] on the main menu.
- 2 Touch [Drive Recorder] on the sub menu.
- 3 Touch [Library].
- 4 Touch the desired recording type.
- 5 Select the desired image.
- 6 Touch [].
- 7 Select the desired adjustment item.



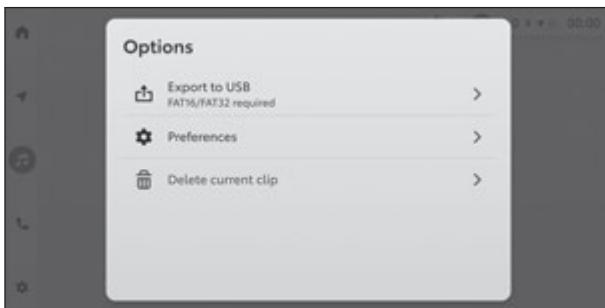
[**Brightness**] : Select to adjust the brightness.

[**Contrast**] : Select to adjust the contrast.

Transferring recorded video files to an external media device

Recorded video files can be transferred to an external media device.

- 1 Touch [] on the main menu.
- 2 Touch [Drive Recorder] on the sub menu.
- 3 Touch [Library].
- 4 Touch the desired recording type.
- 5 Touch the desired file(s) to be transferred.
- 6 Touch [].
- 7 Touch [Export to USB].



- 8 Touch [Export].

INFORMATION

- When data transfer is in progress, do not remove the USB memory device. Otherwise, the USB memory device may be damaged, possibly making it impossible to record images or already recorded video files may be damaged or erased.
- If data transfer is canceled due to connection failure etc. during data transfer, all of the files already transferred or waiting to be transferred will be suspended.
- It is not possible to transfer files unless the USB memory device used has enough memory capacity. Make sure to use a USB memory device having well enough memory capacity.
- Transferred data will generate files, each of which has up to 30 seconds of duration.
- Folder structure and file names

Recorded video files (.MP4) of each recording type will be saved in a folder named “Date the video was recorded (YYMMDD)” of the “DRIVE_REC_MANUAL” folder.

Each video file will be named as follows, based on the time of recording and the recording type:

“Recorded date and time_recording type.MP4”

- The order of the recorded date starts with the last two digits of the year, and follows the order of year, month, date, hour, minute, and second, each in two digits.
- The following recording types are available:
 - DCF: Continuous loop recording with the front camera
 - DUF: Manual recording with the front camera
 - DUS: Manual recording with the all-around camera^{*1}
 - DUR: Manual recording with the Toyota parking assist monitor camera^{*2}
 - DGF: Incident recording with the front camera
 - DGS: Incident recording with all-around camera^{*1}
 - DGR: Incident recording with Toyota parking assist monitor camera^{*2}

Automatically transfer data

- 1 Touch [] on the main menu.
- 2 Touch [Drive Recorder] on the sub menu.
- 3 Touch [Preferences].
- 4 Enable [Automatic clip storage].

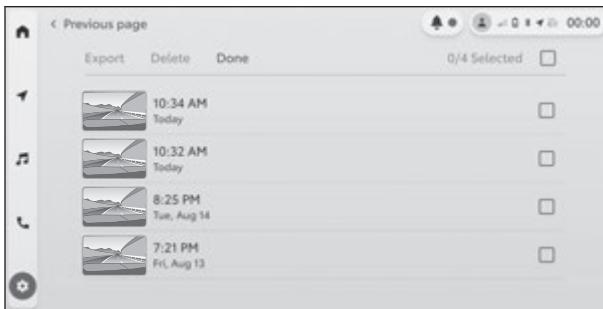
^{*1} :With Multi-terrain Monitor or Panoramic View Monitor

^{*2} :With Toyota parking assist monitor

Selecting multiple recorded video files at a time

By selecting multiple recorded files at a time, you can delete them all together or transfer them to an external media all together.

- 1 Touch [] on the main menu.
- 2 Touch [Drive Recorder] on the sub menu.
- 3 Touch [Library].
- 4 Touch the desired recording type.
- 5 Touch [Manage].
- 6 Touch the checkbox of the desired files.



To check/uncheck all of the video files, touch the checkbox at the top of the screen.

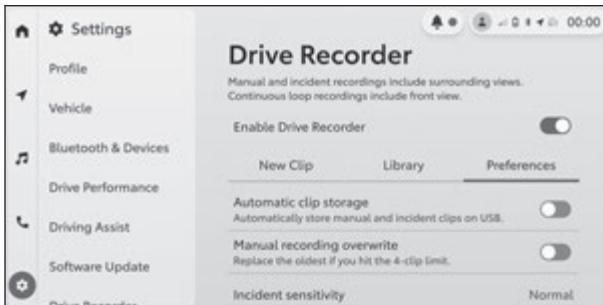
[Delete] : Select to delete the selected file(s).

[Export] : Select to transfer the selected file(s) to an external media device.

Changing the settings of the drive recorder

The settings of the recorded images can be changed.

- 1 Touch [] on the main menu.
- 2 Touch [Drive Recorder] on the sub menu.
- 3 Touch [Preferences].
- 4 Select the desired settings item.



[Enable Drive Recorder]^{*1} : Select to enable/disable the drive recorder function.

Enable, it will be recorded.

Disable, it will not be recorded.

[Automatic clip storage] : Select to enable/disable the automatic data transfer function.

[Manual recording overwrite] : Select to enable/disable the overwriting of the protected memory area for manual recording when its limit is exceeded. When enabled, files of the oldest recording time will be overwritten in succession.

[Incident sensitivity]^{*2} : Select the desired sensitivity of the event detection function.

- **[High]** : Image recording takes place when a G-force of approximately 0.3 G or larger is detected.
- **[Normal]** : Image recording takes place when a G-force of approximately 0.45 G or larger is detected.
- **[Low]** : Image recording takes place when a G-force of approximately 0.6 G or larger is detected.
- **[Off]** : Event recording is disabled.

^{*1} : Available when a User Profile is set up.

^{*2} : Settings can be changed for each User Profile.

When a problem arises

When a problem arises with the following symptoms, refer to the following tables for suspected causes and measures, and check again.

Messages specified below may differ from the actual message displayed.

If the problem persists after taking these measures, have the vehicle inspected at your Toyota dealer.

Symptom	Suspected cause	Measure
A message, such as "Cannot record video" or "Video recording is unavailable", is displayed.	The multimedia system or camera may be malfunctioning.	Consult your Toyota dealer.
"Video recording is temporarily unavailable" is displayed.	The camera function may be temporary stopped due to high temperature, etc.	If the problem persists after some time has elapsed, have the vehicle inspected at your Toyota dealer.
"Some functions are unavailable or some information cannot be recorded" is displayed.	The multimedia system or camera may be malfunctioning. There may be a communication failure.	Consult your Toyota dealer.
"Data is corrupted" is displayed.	There may be a problem with the recording media device within the multimedia system.	Consult your Toyota dealer.
"USB flash memory not found" is displayed.	A USB memory device may not be inserted. The connected USB memory device may not be recognized.	Check if a USB memory device is inserted in the USB port. Check if the connected USB memory device is compatible with the multimedia system.

Symptom	Suspected cause	Measure
"Insufficient capacity" is displayed.	The external media device to which the data is about to be transferred may not have enough capacity.	Check the capacity of the external media device.
"Automatic transfer failed" is displayed.	The external media device to which the data is about to be transferred may not have enough capacity.	Check the capacity of the external media device.
	The connected USB memory device may not be recognized.	Check if the connected USB memory device is compatible with the multimedia system.
Images of a traffic accident are not protected.	The impact of the traffic accident may have been small.	Depending on the impact type, images may not be recorded to the incident recording function. Check if images are recorded to the continuous loop recording function.
	Event recording may be disabled.	Display the settings screen, and set [Incident sensitivity] to a setting other than Off.
	The impact detection sensor may not have been adjusted properly.	Ask your Toyota dealer to adjust the impact sensor for you.
	The multimedia system may be malfunctioning.	Consult your Toyota dealer.
Images of the continuous loop recording function are not recorded.	The drive recorder functions may be disabled.	Display the settings screen, and set [Enable Drive Recorder] to On.

8-1. Drive Recorder

Symptom	Suspected cause	Measure
Images of the continuous loop recording function are not recorded.	Time information may not be received.	<p>Drive to an area where GPS signals can be received. If the symptom persists, consult your Toyota dealer.</p> <p>When the vehicle is started after the 12-volt battery was replaced, or when the multimedia system is removed from/installed to the vehicle, the time on the recording will return to the default setting of 2019/1/1 or 2020/1/1. Therefore, the clock will require resetting to the current time and time zone.</p> <p>Drive to an area where GPS signals can be received and turn the power switch on and wait for 90 seconds. After that, turn the power switch off and wait for another 90 seconds.</p>
Sounds are not recorded.	This multimedia system only records video not audio.	
[Save new clip] is displayed dimly, not responding when selected.	<p>The number of protected recordings may have reached its limit.</p>	<p>Delete files from manual recording.</p> <p>Additionally, display the manual recording screen and set [Manual recording overwrite] to On. However, that will allow the oldest files to be overwritten successively.</p>
	<p>The drive recorder functions may be disabled.</p>	<p>Display the settings screen, and set [Enable Drive Recorder] to On.</p>

Symptom	Suspected cause	Measure
"Impact detected and recorded" is displayed frequently, even though the vehicle has not been involved in a collision.	An impact of driving on bumps or uneven roads may have been detected.	Display the settings screen, and adjust [Incident sensitivity] to an appropriate level.
	The impact detection sensor may not have been adjusted properly.	Ask your Toyota dealer to adjust the impact sensor for you.
The recorded image is not displayed on the correct location of the map display.	GPS signal reception conditions may have been inadequate.	If the symptom persists even in a place with an extensive view, consult your Toyota dealer.
Images of the front drive recorder are difficult to see/unclear.	For details on the front camera, see "Toyota Safety Sense" in the "OWNER'S MANUAL".	
Images of the all-around drive recorder are difficult to see/unclear. ⁽¹⁾	For details, see "Cleaning the camera" in the "Multi-terrain Monitor or Panoramic View Monitor" section.	
Images of the rear drive recorder are difficult to see/unclear. ⁽²⁾	For details, see "Cleaning the camera" in the "Toyota parking assist monitor" section.	

(1) With Multi-terrain Monitor or Panoramic View Monitor

(2) With Toyota parking assist monitor

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Information about media and data

Information about text information display

There are limits to the number of characters that can be displayed as information on each screen. The system may not be able to display all of the information. In addition, there are cases where information is not displayed properly or cannot be displayed depending on the stored content.

Information about USB flash drives that can be used

The specifications of the USB flash drives that can be used are as follows.

■ Formats and specifications of USB flash drives

The formats and standards of the USB flash drives that can be used, and the restrictions for use, are as follows.

USB communication format	USB 2.0 HS (480MBPS)
File format	FAT 16/32
Communication class	Mass storage class
Maximum number of folders	3000 (including root)
Maximum number of folder levels	8
Maximum number of files	9999 (maximum of 255 files per folder)
Memory capacity	Up to 32 GB
Maximum size of one file	2GB

- Files other than the formats above may not be played correctly, or information such as the file or folder name may not display correctly.
- Please understand in advance that this device may not be able to play your USB flash drive.
- Depending on the computer used to save files on a USB flash drive, hidden files may be saved in addition to the playback files. Deletion of such hidden files is recommended. They may have a negative effect during playback and prevent files from being switched correctly.

■ Music files recorded using a computer

The following music files can be played.

- MP3
- WMA
- AAC
- FLAC
- WAV
- ALAC

Format information

The specifications of the music data that can be used are as follows.

■ MP3

Supported standard	MP3 (MPEG1 LAYER 3, MPEG2 LSF LAYER 3)
Supported sampling frequency (kHz)	MPEG1 LAYER 3:32, 44.1, 48 MPEG2 LSF LAYER 3:16, 22.05, 24
Supported bit rate (kbps) ⁽¹⁾	MPEG1 LAYER 3:32 to 320 MPEG2 LSF LAYER 3:8 to 160
Supported channel mode	Stereo, joint stereo, dual channel, monaural
ID3 tag	ID3 Ver. 1.0, 1.1, 2.2, 2.3 (number of characters as specified by each version)

(1) VBR (Variable Bit Rate) is supported.

■ WMA

Supported standard	WMA Ver. 7, 8, 9 (9.1, 9.2)
Supported sampling frequency (kHz)	32, 44.1, 48
Supported bit rate (kbps) ⁽¹⁾⁽²⁾	Ver. 7, 8:CBR (Constant Bit Rate) 48 to 192 Ver. 9 (9.1/9.2): CBR 48 to 320

(1) VBR (Variable Bit Rate) is supported.

(2) Multi-channel audio sources are converted to 2ch.

■ AAC

Supported standard	MPEG4 AAC-LC
Supported sampling frequency (kHz) ⁽¹⁾	11.025, 12, 16, 22.05, 24, 32, 44.1, 48
Supported bit rate (kbps) ⁽¹⁾	8 to 320
Supported channel mode ⁽²⁾	1ch (1/0), 2ch (2/0)

(1) VBR (Variable Bit Rate) is supported.

(2) Dual channel is not supported.

■ WAV(LPCM)

Supported sampling frequency (kHz) ⁽¹⁾	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 88.2, 96, 176.4, 192
Supported number of quantization bits (bit) ⁽²⁾	16/24
Supported channel mode	1ch (1/0), 2ch (2/0)

(1) Audio sources higher than 96 kHz/24 bit are down-converted to 96 kHz/24 bit.

(2) Multi-channel audio sources are converted to 2ch.

■ FLAC

Supported sampling frequency (kHz) ⁽¹⁾	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 88.2, 96, 176.4, 192
Supported number of quantization bits (bit) ⁽²⁾	16/24

(1) Audio sources higher than 96 kHz/24 bit are down-converted to 96 kHz/24 bit.

(2) Multi-channel audio sources are converted to 2ch.

■ ALAC

Supported sampling frequency (kHz) ⁽¹⁾	8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 64, 88.2, 96
Supported number of quantization bits (bit) ⁽²⁾	16/24

(1) Audio sources higher than 96 kHz/24 bit are down-converted to 96 kHz/24 bit.

(2) Multi-channel audio sources are converted to 2ch.

■ File names

The only files that can be recognized as MP3/WMA/AAC/WAV(LPCM)/FLAC/ALAC and played are those with the extension ".mp3"/".wma"/".m4a"/".3gp"/".aac"/".wav"/".flac"/".fla". Save MP3/WMA/AAC/WAV(LPCM)/FLAC/ALAC files with a ".mp3"/".wma"/".m4a"/".3gp"/".aac"/".wav"/".flac"/".fla".

■ About ID3 tags, WMA tags, AAC tags, and tags

- MP3 files have ancillary character information called ID3 tags that can store song artist names, title names, album names, and more.
- WMA files have ancillary character information called WMA tags that can store song artist names, title names, album names, and more.
- AAC files have ancillary character information called AAC tags that can store song artist names, title names, album names, and more.
- WAV (LPCM) files have ancillary character information called tags that can store song artist names, title names, album names, and more.
- FLAC files have ancillary character information called tags that can store song artist names, title names, album names, and more.
- ALAC files have ancillary character information called tags that can store song artist names, title names, album names, and more.

■ High resolution sound sources

This device supports high-resolution sound sources. The definition of high-resolution is based on the standards of groups such as the CTA (Consumer Technology Association).

Supported formats and playable media are as follows.

Supported formats

WAV, FLAC, ALAC

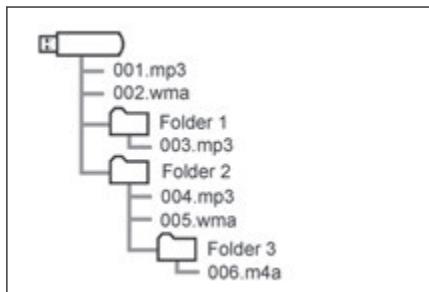
Playable media

USB flash drive

■ Music data playback

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 order changes depending on the audio source and playback mode.

MP3/WMA/AAC specifications

Certain restrictions apply to the standards of the MP3/WMA/AAC files that can be used, and the media and formats that store such files. Microsoft, Windows, and Windows Media are the registered trademarks of Microsoft Corporation in the USA and other countries.

The specifications of the music data that can be used are as follows.

MP3

MP3 (MPEG Audio LAYER 3) is the standard format related to audio compression technology. When MP3 is used, the file can be compressed to approximately 1/10 the size of the original file.

WMA

WMA (Windows Media Audio) is the audio compression format of Microsoft Corporation. This can compress files to an even smaller size than MP3.

This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

AAC

AAC (Advanced Audio Coding) is the standard format related to audio compression technology that is used in MPEG2 and MPEG4.

Bluetooth® information

The Bluetooth® specifications and profiles that can be used are as follows.

Item	Bluetooth® audio
Supported Bluetooth® specifications	Bluetooth® Core Specification Ver. 5.2 or later
Supported profiles	<ul style="list-style-type: none"> ● A2DP (Advanced Audio Distribution Profile) profile for transmitting music data: Ver. 1.3.2 or later ● AVRCP (Audio/Video Remote Control Profile) profile for controlling (playing, stopping, etc.) portable audio from a multimedia system: Ver. 1.6.2 or later
Supported codecs	AAC/SBC



INFORMATION

This is not a guarantee that all Bluetooth® devices can connect to the multimedia system.

■ Certification



Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

Information about iPod mode and Apple CarPlay

■ Trademark and design certification information



Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge and has been certified by the developer to meet Apple performance standards.

Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards.

Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards.

Please note that the use of this accessory with an Apple product may affect wireless performance.

iPhone, iPod, iPod touch, Apple CarPlay, Siri, and Lightning are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

Made for

- iPhone 13 Pro Max
- iPhone 13 Pro
- iPhone 13
- iPhone 13 mini
- iPhone 12 Pro Max
- iPhone 12 Pro
- iPhone 12
- iPhone 12 mini
- iPhone SE (2nd generation)
- iPhone 11 Pro Max
- iPhone 11 Pro
- iPhone 11
- iPhone XS Max
- iPhone XS
- iPhone XR
- iPhone X
- iPhone 8 Plus
- iPhone 8
- iPhone 7 Plus
- iPhone 7
- iPhone SE
- iPod touch (7th generation)
- iPod touch (6th generation)

Information about Android Auto

■ Trademark and design certification information

Android Auto

Android and Android Auto are trademarks of Google LLC.

Information about Wi-Fi®

Wi-Fi®, Wi-Fi CERTIFIED 6®, WMM®, and Wi-Fi CERTIFIED® are registered trademarks of Wi-Fi Alliance®. Wi-Fi CERTIFIED WMM™, Wi-Fi CERTIFIED Wi-Fi Multimedia™, Wi-Fi Multimedia™, Wi-Fi CERTIFIED WPA2™, WPA2™, Wi-Fi CERTIFIED WPA3™, WPA3™, Wi-Fi CERTIFIED Agile Multiband™, and Wi-Fi Agile Multiband™ are trademarks of Wi-Fi Alliance®.

Gracenote® information

When music is played, the database of the multimedia system is searched for the album name, artist name, genre, and track name. If the corresponding information is stored in the database, then the information is assigned automatically. The Gracenote® media database is used for the database information stored in this multimedia system.

■ Gracenote® media database

- The title information assigned automatically may differ from the actual title information.
- The contents of the data provided by the "Gracenote media database" are not guaranteed to be 100% accurate.
- Gracenote, the Gracenote logo and logotype, and the "Powered by Gracenote" logo are either a registered trademark or a trademark of Gracenote, Inc. in the United States and/or other countries.



Information about MPEG LA

This product is licensed under the MPEG-4 patent portfolio license and AVC patent portfolio license for the personal use of a consumer or other uses in which it does not receive remuneration to

(i) encode video in compliance with the MPEG-4 Visual Standard and AVC Standard ("MPEG-4/AVC Video") and/or
(ii) decode MPEG-4/AVC Video that was encoded by a consumer engaged in a personal activity and/or was obtained from a video provider licensed to provide MPEG-4/AVC Video.
No license is granted or shall be implied for any other use.
Additional information may be obtained from MPEG LA, L.L.C. See <http://www.mpegl.com>.

OpenSynergy

OpenSynergy Blue SDK
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HD Radio™/SiriusXM® Satellite Radio



Using HD Radio™ technology

HD Radio™ Technology is the digital evolution of analog AM/FM radio. Your radio product has a special receiver which allows it to receive digital broadcasts (where available) in addition to the analog broadcasts it already receives. Digital broadcasts have better sound quality than analog broadcasts as digital broadcasts provide free, crystal clear audio with no static or distortion. For more information, and a guide to available radio stations and programming, refer to www.hdradio.com.

This function is not available in some regions.

HD Radio™ features included in this radio:

- Digital Sound: HD Radio™ broadcasts deliver crystal-clear, digital audio quality to listeners.
- Multicast Channels (HD2/HD3): FM stations can provide additional digital only audio programming with expanded content and format choices on HD2/HD3 channels.
- Program Service Data (PSD): PSD gives you on-screen information such as artist name and song title.
- Artist Experience Images related to the broadcast are displayed on the radio screen, such as album cover art and station logos.

■ Certification

HD Radio™ Technology manufactured under license from iBiquity Digital Corporation, a subsidiary of Xperi Inc., U.S. and Foreign Patents. For patents see <https://xperi.com/hd-radio-patents/>. Xperi, HD Radio, HD, and 'ARC' logos and their respective logos are trademarks or registered trademarks of Xperi Inc. and its subsidiaries in the United States and other countries.

HOW TO SUBSCRIBE TO SiriusXM Radio Services

All SiriusXM Radio services, including satellite radio and data services, plus streaming services, require a subscription, sold separately or as a package by Sirius XM Radio Inc. (or, in Canada, Sirius XM Canada Inc.), after any trial subscription which may be included with your vehicle purchase or lease. To subscribe after your trial subscription, call 1-877-447-0011 (U.S.A.) or 1-877-438-9677 (Canada). SiriusXM Radio and all related marks and logos are trademarks of Sirius XM Radio Inc.

Note: If a trademark notice is elsewhere, you don't need to add it here too.

This function is not available in some regions.

■ IMPORTANT INFORMATION ABOUT YOUR TRIAL SUBSCRIPTION:

Your SiriusXM Radio services will automatically stop at the end of your trial unless you decide to continue service. If you decide to continue service, the paid subscription plan you choose will automatically renew and you will be charged the rate in effect at that time and according to your chosen payment method. Fees and taxes apply. You may cancel at any time by calling 1-866-635-2349. See SiriusXM Radio Customer Agreement and Privacy Policy for complete terms at www.siriusxm.com (U.S.A.) or www.siriusxm.ca (Canada). All fees, content and features subject to change. Traffic information not available in all markets. Certain features and/or content may not be available in vehicles with SiriusXM Radio with 360L unless an active data connection is enabled in the vehicle.

■ ABOUT SiriusXM Radio Services

Most in-car trials today include SiriusXM Radio's All Access package. It includes every channel available on your radio.

■ SiriusXM Radio All Access Subscription

Listen everywhere with All Access. You get every channel available in your ride, plus you can listen on the app and online - so you can enjoy the best SiriusXM Radio has to offer, anywhere life takes you. It's the only package that gives you all of our premium programming, including Howard Stern, every NFL, MLB® and NBA game, every NASCAR® race, NHL® games, 24/7 talk channels dedicated to the biggest leagues, and more. You get all kinds of ad-free music, including artist-dedicated channels and more, plus sports, news, talk and entertainment.

All content subject to change.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

■ RADIO OPERATION

Look for the Sirius, XM, SiriusXM, Band, SAT, AUX, Radio or Source button and you're in. If you can't hear us, it's easy to get started: Locate your Radio ID, or check **[Contact SiriusXM]** on the SiriusXM Radio setting screen. If you don't see your number there, go to siriusxm.com/activationhelp to find it. Visit siriusxm.com/refresh or call 1-855-MYREFRESH (697-3373) to send a refresh signal to your radio. Canadian Customers: Locate your Radio ID, or check **[Contact SiriusXM]** on the SiriusXM Radio setting screen. Visit siriusxm.ca/refresh to send a refresh signal to your radio or call 1-888-539-7474 for service.

NOTICE

- It is prohibited to copy, decompile, disassemble, reverse engineer, hack, manipulate, or otherwise make available any technology or software incorporated in receivers compatible with the SiriusXM Satellite Radio System or that support the SiriusXM Radio website, the streaming service or any of its content. Furthermore, the AMBE® voice compression software included in this product is protected by intellectual property rights including patent rights, copyrights, and trade secrets of Digital Voice Systems, Inc.

⚠ NOTICE

- Note: this applies to SiriusXM Satellite Radio receivers only and not SiriusXM Radio Ready devices.

Displaying the radio ID

Each SiriusXM Radio tuner is identified with a unique radio ID. The radio ID is required when activating a SiriusXM Satellite service or when reporting a problem.

This function is not available in some regions.

- To see radio ID on the screen, go to [**Sound & Media**] in the setting screen and select SiriusXM Radio, and then select [**Contact SiriusXM**].

Certification and trademark information

FCC ID : ACJ932AT2402

NOTE:

<§15.19(a)(3)> This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING:

<§15.21> Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION:

<§2.1091> Radio frequency radiation exposure information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

FCC ID : ACJ932AT2405

NOTE:

<§15.19(a)(3)> This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING:

<§15.21> Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION:

<§2.1091> Radio frequency radiation exposure information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAUTION

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISED radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'ISDE.

Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain.

La operación de este equipo está sujeta a las siguientes dos condiciones:
(1) es posible que este equipo o dispositivo no cause interferencia
perjudicial y
(2) este equipo o dispositivo debe aceptar cualquier
interferencia, incluyendo la que pueda causar su operación
no deseada.



ift

IFT TOPAAT25-07107

La operación de este equipo está sujeta a las siguientes dos condiciones:
(1) es posible que este equipo o dispositivo no cause interferencia
perjudicial y
(2) este equipo o dispositivo debe aceptar cualquier
interferencia, incluyendo la que pueda causar su operación
no deseada.



ift

IFT TOPAAT25-19336

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

IC Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Avis d'Industrie Canada sur l'exposition aux rayonnements

Cet appareil est conforme aux limites d'exposition aux rayonnements d'Industrie Canada pour un environnement non contrôlé.

Il doit être installé de façon à garder une distance minimale de 20 centimètres entre la source de rayonnements et votre corps.

L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

REMARQUE: LE FABRICANT N'EST PAS RESPONSABLE DES INTERFÉRENCES RADIOÉLECTRIQUES CAUSÉES PAR DES MODIFICATIONS NON AUTORISÉES APPORTÉES À CET APPAREIL. DE TELLES MODIFICATIONS POURRAIT ANNULER L'AUTORISATION ACCORDÉE À L'UTILISATEUR DE FAIRE FONCTIONNER L'APPAREIL.

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

Changes or modifications not expressly approved by the
manufacturer (or party responsible) for compliance could void the
user's authority to operate the equipment.

This equipment complies with FCC RF Radiation exposure limits set
forth for an uncontrolled environment. This device and its antenna
must not be co-located or operating in conjunction with any other
antenna or transmitter. This equipment should be installed and
operated with a minimum distance of 20 cm between the radiator and
your body

QR Code

The word QR Code is registered trademark of DENSO WAVE IN-CORPORATED in Japan and other countries.

Map data

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<https://legal.here.com/terms/general-content-supplier/terms-and-notices/>

END USER LICENSE AGREEMENT

<https://legal.here.com/en-gb/terms/end-user-license-agreement>

Free/open source software information

Safety Connect

Free/Open Source Software Information

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

<https://opensource.lge.com/osSch/list?types=ALL&search=TL24S>

Multi-terrain Monitor/Panoramic View Monitor/Toyota parking assist monitor

This product contains free/open source software. You can get information about free/open source software and/or source codes from the following URL.

▶ ECU

<https://www.denso.com/global/en/opensource/adu/toyota>

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