



Owner's Manual

7 inch Basic AVX

Thank you for your purchase of the TOYOTA Genuine Car Multimedia System.
Please note that this manual explains all functions and equipment, including options.
Therefore, you may find some explanations on features or equipment not included in your Car Multimedia System.

TOYOTA DAIHATSU ENGINEERING & MANUFACTURING CO., LTD.

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

▲ WARNING

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

▲ CAUTION

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

NOTE

- This is a warning against anything which may cause damage to the vehicle or its equipment if the warning is ignored. You are informed about what you must or must not do in order to avoid or reduce the risk of damage to your vehicle and its equipment.
- Please read all materials, TOYOTA will not be responsible for unsatisfactory product performance due to failure to follow these instructions. Changes to product may result in differences between content of this manual and actual features of the product.



This symbol on the product means there are important operating and maintenance instructions in this manual.

Be sure to carefully read instructions in this manual.

Important Safety Information

Precautions

IMPORTANT

Please read this manual carefully to ensure proper use before using this product. It is especially important that you read and observe WARNINGS and CAUTIONS in this manual. Please keep the manual in a safe and accessible place for future reference.

▲ WARNINGS

- Do not watch or fix your eyes on the unit's display for any extended period whenever you are driving.
- Do not operate the unit while driving. Keep focus on the road.
- Do not pair Bluetooth devices while driving, stop on a safe road side before attempting to pair any device.
- Do not attempt to install or service this product by yourself. Installation or servicing of this product by persons without proper training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.
- If liquid or foreign matter should get inside this product, stop your vehicle in a safe place, turn the ignition switch OFF (ACC OFF) immediately and consult your dealer or the nearest authorized Toyota Service Station. Do not use this product in this condition because doing so may result to fire, electric shock, or other failure.

📺 To ensure safe driving

Any video won't be played while driving to prevent driver's eyes from fixing on the unit's display. Stop the vehicle in a safe place and apply the parking brake before performing such function.

There are some functions you cannot perform while driving because of the same reason.

▲ CAUTIONS

- To prevent short circuit, never put or leave any metallic objects (such as coins or metallic tools) inside the unit.
- Do not allow this product to come into contact with liquids. Electric shocks as well as damage to the product, smoke, and overheating could result from contact with liquids.
- If you notice any abnormalities such as smoke, strange noise or odor from using this product, or any other abnormal signs on the LCD screen, turn off the power immediately and consult your dealer or the nearest Toyota Service Station. Using this product in this condition may result in permanent damage to the system.
- Do not disassemble or modify this product, as there are high-voltage components inside which may cause an electric shock. Be sure to consult your dealer or the nearest authorized Toyota Service Station for internal inspection, adjustments or repairs.

Before Use

■ Precautions on using this unit

- You can select a language to display menus, audio file tags, etc. See **Regional Setup (P.7)**.

■ Protecting the monitor

- To protect the monitor from damage, do not operate the monitor using a ball point pen or similar tool with a sharp tip.
- If you stick a film screen protector on the screen, it may interfere with touch panel operation.

■ Cleaning the unit

- If the faceplate of this unit is stained, wipe it with a dry soft cloth such as a silicon cloth. If the faceplate is stained badly, wipe it with a cloth moistened with neutral cleaner, then wipe it again with a clean soft dry cloth.

NOTE

- Applying spray cleaner directly to the unit may damage its mechanical parts. Wiping the faceplate with a hard cloth or using a volatile liquid such as thinner or alcohol may scratch the surface or erase the screened print.


■ Before removing the vehicle battery

It may be necessary to take note of the different settings as the information stored in the head unit is erased by disconnecting the power cable from the battery (or removing the battery itself), however, there are some settings that will not be reset.

■ In case of trouble

Should this product fail to operate properly, contact your dealer or nearest authorized Toyota Service Station.

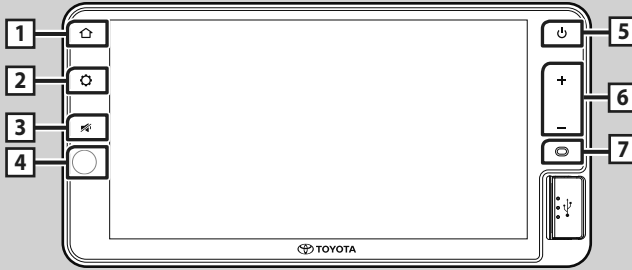
How to read this manual

- The operations described in this manual is applicable to both left hand and right hand drive models. The illustrations shown in this manual mainly refer to right hand drive models. The difference between right hand and left hand drive models is the arrangement of buttons on the front panel and shortcut buttons on the HOME screen. You may refer to Basic Operations for a visual comparison on button locations between right hand and left hand drive models.
- The screens and panels shown in this manual are just examples used to provide clear explanations of the operations. For this reason, they may be different from actual screens and panels used, or some display patterns may be different.
- **Display Language:** English is used as the default language. You can select the display language by accessing the  button function. See **Regional Setup (P.7)**.

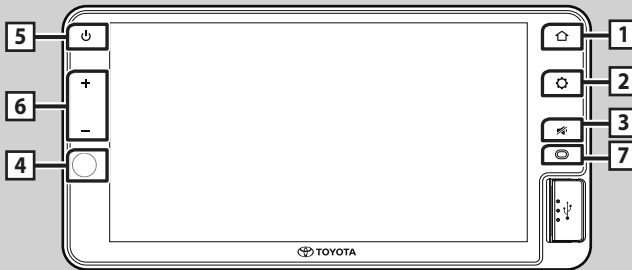
Basic Operations

Front Panel Button Functions

Right hand drive model



Left hand drive model



NOTE

• The panels shown in this guide are examples used to provide a clear explanation of operations. For this reason, they may be different from the actual panels.

Number	Name	Function
1	Home	• Displays the HOME screen.
2	Setting	• Displays the popup menu.
3	Mute	• Mutes/restores the sound.
4	Remote Sensor	• Receives the remote control signal.
5	Power	• Press and Hold : Turns on/off the unit (P.7). • Short Press : Turns on/off "simple display mode" (P.10).
6	-, + (Volume)	• Adjusts the volume. The volume will go up to 15 when you keep pressing +.
7	Built-in microphone	• Speak via Bluetooth hands-free mode when a Bluetooth telephone is connected.

Turning on the Unit


The instructions below explain how to turn the device ON or OFF.

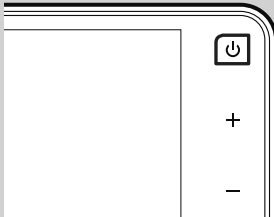
- 1 Turn the unit ON with ignition switch.
- 2 Read the CAUTION message and select **Agree**.



- Touch **Language** to change the language settings.

● To turn off/on the unit manually:

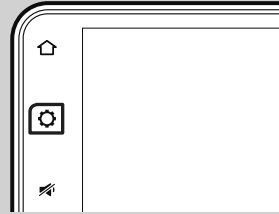
- 1 Press and hold  button.



- The unit is turned off/on.

Regional Setup

- 1 Press  button.



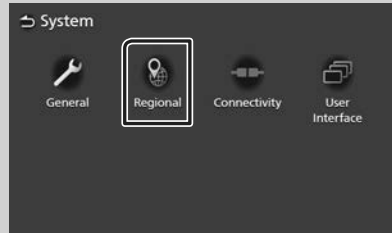
- Popup menu appears.

- 2 Touch .



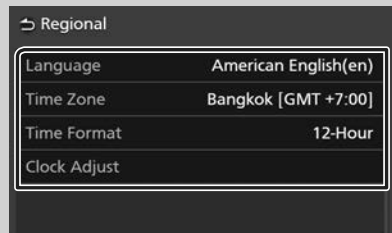
- System screen appears.

- 3 Touch **Regional**.



- Regional screen appears.

- 4 Set each item as follows.



■ Language

Select the desired language.

■ Time Zone

Select the time zone.

Basic Operations

■ Time Format *

Select the time display format.

12-Hour (Default)/ **24-Hour**

* With a model displaying a calendar at the top right of the AV screen, Time Format is not available.

■ Clock Adjust

Adjust the date and time manually. **(P.8)**

Adjusting date and time

- 1** Touch **Time Zone** on the Regional screen.
- 2** Select the time zone.
- 3** Touch **Clock Adjust** on the Regional screen.
- 4** Adjust the date, then adjust the time.



- 5** Touch **Set**.

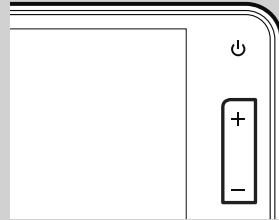
Adjusting the volume

You can adjust the volume (0 to 40).

Press **+** to increase, and press **-** to decrease.

Holding **+** increases the volume continuously to level 15.

Volume level 16 to 40 can be adjusted one step each.

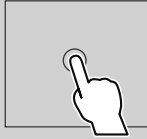


Touch screen operations

To perform operations on the screen, you need to Touch, Touch and hold, Flick or Swipe to select an item or change pages.

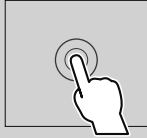
● Touch

Touch the screen gently to select an item on the screen.



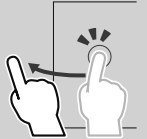
● Touch and hold

Touch the screen and keep your finger in place until the display changes or a message is displayed.



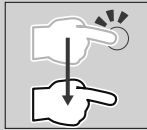
● Flick

Slide your finger quickly to the left or right on the screen to change the page. You can scroll a list screen by flicking up/ down on the screen.



● Swipe

Slide your finger up or down on the screen to scroll the screen.

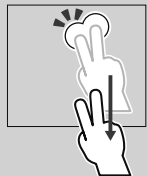


Gesture Touch Control

You can also control playback by moving two fingers on the touch panel as follows. (for some sources, the gesture touch control function is not available).

● Sliding two fingers upward/downward

Increases/decreases the volume.



● Sliding two fingers leftward/rightward

Equivalent to the operation of pressing ◀◀/▶▶.

For the Radio source, select preset radio stations.

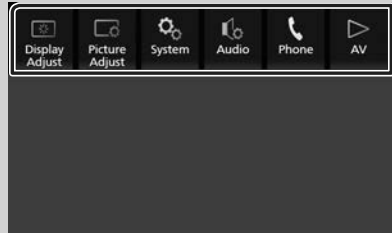


Popup menu







1 Press button.

▶ Popup menu appears.

2 Touch to display the popup menu.



The contents of the menu are as follows.

	• Displays the display control screen. (P.36)
	• Displays the picture control screen. (P.36)
	• Displays the System screen. (P.37)
	• Displays the Audio screen. (P.40)
	• Displays the control screen of the current source.
	• Displays the Hands Free screen. (P.21)


Simple Display Mode

When Simple Display Mode is enabled, the screen will only display time, date and current playback source information.

- 1 Press  button.



- To return to the original screen:

- 1 Press  button.
 - AVX displays the original screen.

HOME screen descriptions

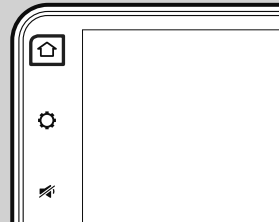
Most functions can be performed from the HOME screen.



- | | |
|---|---|
| 1 | • Displays the source selection screen. (P.11) |
| 2 | • Current source information.
• Touch to display the control screen of the current source. |
| 3 | • Short-cut playback source icons (P.12) |

Display the HOME screen

- 1 Press  button.



- HOME screen appears.

Source selection screen description

You can display icons of all playback sources and options on the source selection screen.










- 1** • Returns to the previous screen.

- 2** • Changes playback sources.
For playback sources, see **Select the playback source (P.11)**.

Select the playback source

- 1** Press  button.
➤ HOME screen appears.
- 2** Touch .
From the screen, you can select the following sources and functions.

	• Plays an iPod/iPhone. (P.29)
	• Displays the Hands Free screen. (P.21)
	• Turns off the AV source. (P.12)
	• Displays the Voice Recognition screen. (P.22)
	• Plays a Bluetooth audio player. (P.15)
	• Plays files on a USB device. (P.26)
	• Switches to the Radio broadcast. (P.31)

To select the playback source on the HOME screen



The 5 items displayed on the source selection screen with large icons are shown on the HOME screen.

You can change the items displayed on this area by customizing the source selection screen. (P.12)

To turn off the AV source

- 1 Press button.
➤ HOME screen appears.
- 2 Touch .
- 3 Touch **AV Off**.



Customize Short-cut buttons on HOME screen

You can arrange the positions of the source icons as you like.

- 1 Press button.
➤ HOME screen appears.
- 2 Touch .
- 3 Touch and hold the icon which you want to move in the customizing mode.
- 4 Drag the icon to the desired position.



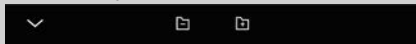
Source control screen descriptions

There are some functions which can be performed from most screens.

Indicators





Sub-control panel



1 All sources icon

Displays the source selection screen. (P.11)

2 Sub-control panel

 /  : Displays/hides the sub-control panel.
This function is available in USB source.

3

Mute icon is indicated while AVX is muting.

4

Connected Bluetooth phone information.

5 Text scroll

Scrolls the displayed text.

* With some model, a calendar appears instead of the clock at the top right of the AV screen.

List screen

There are some common function keys in the list screens of most sources.



1 Return





Returns to the previous screen.

2

Displays the list type selection window.

3 etc.

Keys with various functions are displayed here.

-   : Moves to the upper hierarchy level.
-  : Plays all tracks in the folder containing the current track.
-  : Jumps to the letter you entered (alphabetical search).

4

Displays a music/movie file list.

5 Text scroll

Scrolls the displayed text.

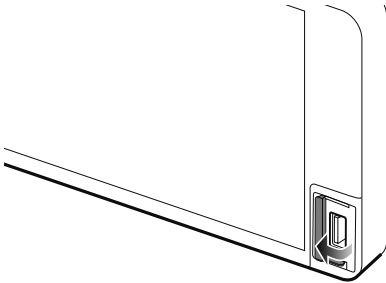
NOTE

- Depending on the current source or mode, some function key may not appear.

Connection

Wired Connection

This unit can be connected to external devices. Open the front port cover and connect the external device via the following accessory.



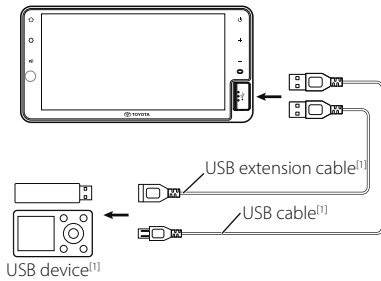
⚠ WARNING

- Install the USB device/ iPod/ iPhone/ Android smartphone and Audio player in the place where it will not affect safe driving.

NOTE

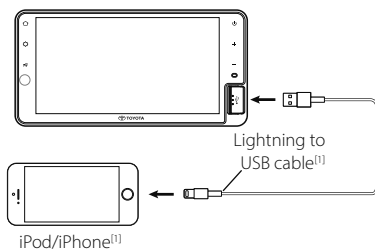
- Do not keep the USB device/ iPod/ iPhone/ Android smartphone/ Audio player and USB cable in the car to avoid damage by heat.

■ Connecting a USB device



^[1] Sold separately

■ Connecting an iPod/iPhone



^[1] Sold separately

Bluetooth Control

Using the Bluetooth function allows you to use various functions such as listening to the audio file and making/receiving a call.

Information for using Bluetooth® devices



Bluetooth is a short-range wireless radio communication technology for mobile devices such as mobile phones, portable PCs, and other devices.

Bluetooth devices can be connected without cables and communication with each other.

▲ WARNING

- While driving, do not perform complicated operations such as dialing numbers, using the phone book, etc. When you perform these operations, stop your car in a safe place.

NOTE

- Some Bluetooth devices may not be connected to this unit depending on the Bluetooth version of the device.
- This unit may not work for some Bluetooth devices.
- Connecting conditions may vary depending on your environment.
- Some Bluetooth devices are disconnected when this unit is turned off.

■ About the mobile phone and Bluetooth audio player

This unit conforms to the following Bluetooth specifications:

Version

Bluetooth Ver. 4.1

Profiles

Mobile phone:

HFP (V1.7) (Hands Free Profile)
PBAP (Phonebook Access Profile)

Audio player:

A2DP (Advanced Audio Distribution Profile)
AVRCP (V1.6) (Audio/Video Remote Control Profile)

Sound codec

SBC, AAC

NOTE

- The units supporting the Bluetooth function have been certified for conformity with the Bluetooth Standard according to the procedure prescribed by Bluetooth SIG. However, it may be impossible for such units to communicate with your mobile phone depending on its type.

Register the Bluetooth device

It is necessary to register the Bluetooth audio player or mobile phone in this unit before using the Bluetooth function.

You can register up to 10 Bluetooth devices.

NOTE

- Up to 10 Bluetooth devices can be registered. If an attempt is made to register the 11th Bluetooth device, the Bluetooth device connected on the earliest date will be deleted to register the 11th one.
- This AVX is compatible with the Apple Easy Pairing function. When an iPhone is connected to AVX via USB cable, a Bluetooth connection dialog appears. Please select the function and connect your iPhone.
- For Auto Pairing, see **Auto Pairing (P.17)**.

1 Search for the unit ("Car Multimedia") from your smartphone/mobile phone.

Complete steps 1 to 4 within 30 seconds.

(Default:"Car Multimedia")

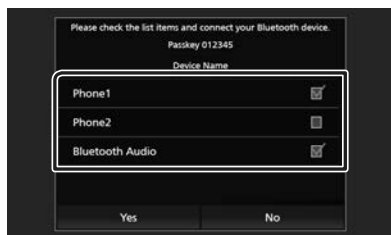
To change Device Name, see **Change the device name (P.18)**

2 Operate your smartphone/mobile phone according to the displayed messages.

- **Confirm the request both on the smartphone/mobile phone.**



3 Select the function you want to use.



■ Phone1 / Phone2

Select the hands-free number to connect.

■ Bluetooth Audio

Tick the box to use Bluetooth Audio.

4 Touch Yes.

Data transmission and connection end.

NOTE

- If the mobile phone supports PBAP, the phonebook data is downloaded automatically when you select **Phone1** or **Phone2**.
- For some mobile phones, you may need to operate the mobile phone to download the phonebook data.
- If the PIN Code is displayed in the message, input the PIN Code in your smartphone/mobile phone. The PIN Code is set to "0000" as the default.



Bluetooth Setup

- 1 Press  button.
 > Popup menu appears.

- 2 Touch .



> System screen appears.

- 3 Touch **Connectivity**.



> Connectivity screen appears.

- 4 Set each parameter as follows.

■ Bluetooth

Set whether to use the Bluetooth function.

■ Device Select

Connect the Bluetooth device. (P.17)

■ Auto Pairing

When set to "ON", the Apple Auto Pairing function is turned on to automatically register the iPhone connected to this unit.

ON (Default): Turns on the Apple Auto Pairing function.

OFF: Turns off the Apple Auto Pairing function.

Auto Pairing function may not work with later iOS versions.

■ Device Name

Change the device name. (P.18)

■ PIN Code

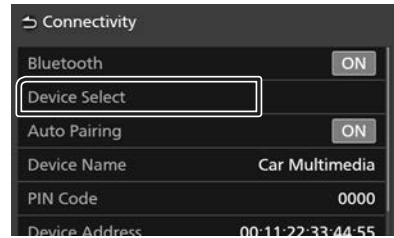
Change the PIN Code. (P.18)

■ Device Address

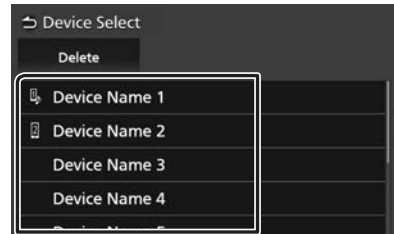
Displays the media access control address.

Connect the Bluetooth device

- 1 Touch **Device Select** on the Connectivity screen.



- 2 Touch the name of the device you want to connect.

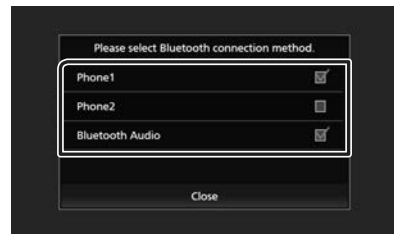


> Profile select screen appears.

NOTE

- If the icon is lighted, it means that the unit will use that device.

- 3 Set each profile as follows.



■ Phone1, Phone2

Select when the device is connected with the unit as hands-free phone 1 or 2.

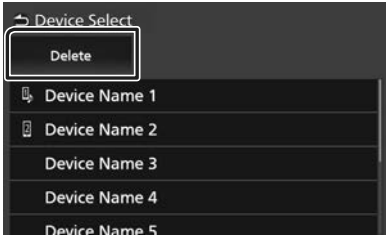
■ Bluetooth Audio

Select to use as an audio player.

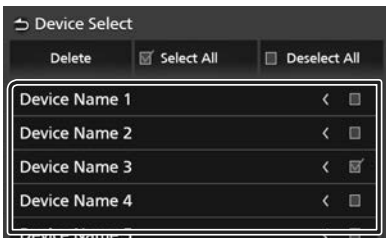
- 4 Touch **Close**.

To delete the registered Bluetooth device

1 Touch Delete.



2 Touch the device name to check.



■ Select All

Selects all Bluetooth devices.

■ Deselect All

Clears all check marks.

3 Touch Delete.


➤ Confirmation message appears.

4 Touch Yes.

Change the device name

1 Touch Device Name on the Connectivity screen.

➤ Change Device Name screen appears.

2 Touch and hold .

3 Input the device name.



4 Touch Enter.

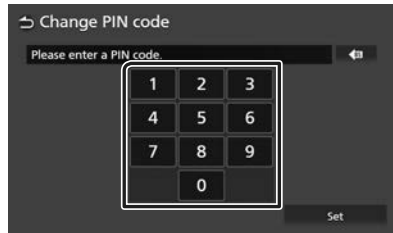
Change the PIN Code

1 Touch PIN Code on the Connectivity screen.

➤ Change PIN Code screen appears.

2 Touch and hold .

3 Input the PIN Code.



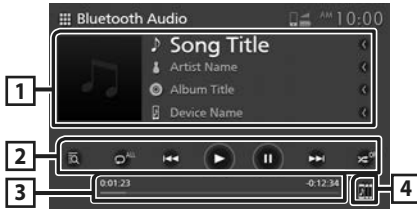
4 Touch Set.

Playing the Bluetooth Audio Device

Most functions can be controlled from the source control screen.

To select Bluetooth source, touch **Bluetooth** icon on the source selection screen. (P.11)

Bluetooth basic operation



1 Information display

- Displays the current track information.
- Connected device name.

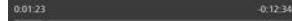
2 Operation keys *

- : Searches for a file. See **File search (P.20)**.
- : Searches for the previous/next content.
Touch and hold to fast forward or fast backward.
- : Plays.
- : Pauses.
- : Repeats the current track/folder. Each time you touch the key, repeat modes are switched in the following sequence:
File repeat (), All songs repeat (), Repeat off ()
- : Randomly plays all tracks in the current folder. Each time you touch the key, random modes are switched in the following sequence:
All random (), Random off ()

* These items appear only when the audio player which supports AVRCP profile is connected.

3 Playing time

For confirmation of current playing position.



4


Bluetooth audio devices can be switched easily to play music. See **Bluetooth Audio Device Change (P.20)**.

NOTE


- The operation buttons, indications and information displayed on the screen differ depending on the connected device.
- If the operation keys do not appear, operate from the player.
- Depending on your mobile phone or audio player, sound may be heard and controlled but text information may not appear.
- If the volume is too low, raise it on your mobile phone or audio player.
- After the telephone call is finished there will be a time lag to return to the Bluetooth music player or other music sources.



Bluetooth Audio Device Change

Up to five Bluetooth audio device can be connected and switched easily to play music.


1 Touch .



➤ A list of registered devices is displayed.

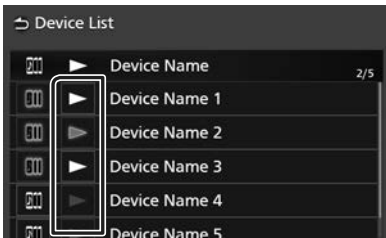
2 Touch  of device name you want to connect.




- Touching  on the left of the connected device ( ►) disconnects this device.



3 Touch  (white) on the left of the name of the device to be played.

 (white) changes to  (Blue) and starts playback.



-  (Gray) : Not connected.
-  (White) : Connected.
-  (Blue) : During playback.

4 Touch .

NOTE

- If a connected Bluetooth audio device is operated to play music, connections are switched.
- When a Bluetooth source is switched to another one, its settings are deleted and the connection is restored to the connection before source switching.

File search

1 Touch .

2 Touch the desired file or folder.



When you touch a folder its contents are displayed.

3 Touch the desired item in the content list.

➤ Playback starts.


NOTE

- For operations in the list screen, see **List screen (P.13)**.

Using the Hands-Free Unit

You can use the telephone function by connecting the Bluetooth telephone to this unit.

Making a call




- 1 Press  button.
➤ HOME screen appears.
- 2 Touch .
- 3 Touch **Phone**.
➤ Hands Free screen appears.

NOTE

- If your mobile phone supports PBAP, you can display the phone book and call lists onto the touch panel screen when the mobile phone is connected.
 - Phone book: up to 1000 entries
 - Up to 50 entries including dialed calls, received calls, and missed calls

- 4 Select a dialing method.




- : Call using call history
- : Call using the phonebook
- : Call by entering a phone number

● Select the mobile phone to use

When you connect two mobile phones

- 1) Touch  to select the phone you want to use.


● Phone Setup

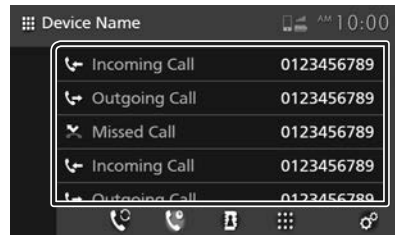
- 1) Touch .
Phone Setup screen appears. (P.25)

NOTE

- Bluetooth hands free sound quality and performance also depend on mobile phones and carrier conditions.
- Status icons such as battery and antenna icons may differ from those displayed on the mobile phone.
- Setting the mobile phone in the private/visibility off mode can disable the hands-free function.


Call using call history

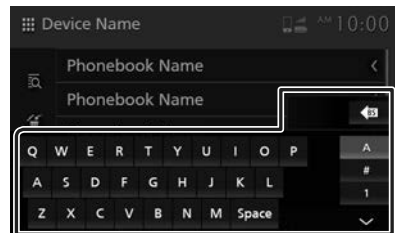
- 1 Touch .
- 2 Select the phone number from the list.



Call using the phonebook

You can use the phonebook data of the selected mobile phone to make a call. Before starting this procedure, it is necessary to download the phonebook data. For details, see **Phonebook transfer (P.24)**.

- 1 Touch .
- 2 Touch .
- 3 Select the initial.

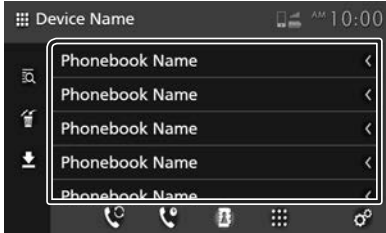


- Special characters cannot be searched using this function.

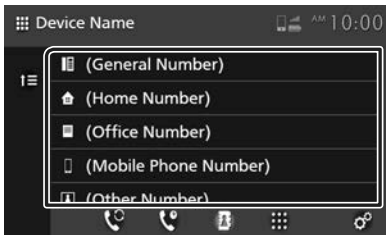
Bluetooth Control

- Accented first characters of each name entry can be searched using the equivalent normal character of that letter. i.e. Ñ can be searched as N
- Accented characters cannot be searched in the middle of the word.

4 Select the person you want to call from the list.




5 Select the phone number from the list.



NOTE

- You can sort the phone numbers in the list by last name or first name. For details, see **Phone Setup (P.25)**.

Call by entering a phone number



- 1 Touch .
- 2 Enter a phone number with number keys.





- 3 Touch .

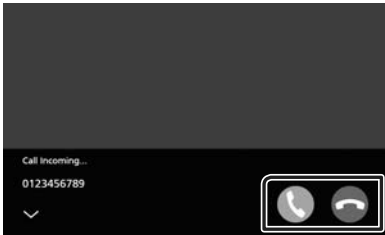
Voice Recognition

You can access the voice recognition function of the mobile phone connected to this unit. You can search the mobile phone phonebook by voice. (The functionality depends on the mobile phone.)

- 1 Press  button.
➤ HOME screen appears.
- 2 Touch .
- 3 Touch **Voice**. (P.11)
➤ Voice Recognition screen appears.
- 4 Start speaking.

Receiving a call

- 1 Touch  to answer a phone call or  to reject an incoming call.



NOTE

- While monitoring the picture from the view camera, this screen does not appear even if a call comes in.

Ending a call

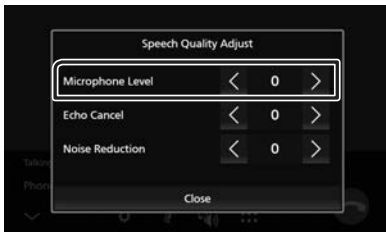
- 1 Touch  to end the call.

Operations during a call





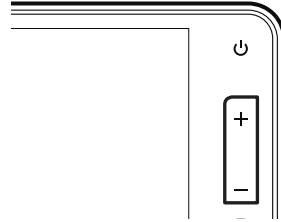
Adjusting volume of your voice

- 1) Touch .
- 2) Touch  or  for **Microphone Level**.




Adjust the receiver volume


Press the  or  button.



Muting microphone



Touch  to mute the microphone, touch again to resume.

Calling from Dial Pad


Touch  to display the dial tone input screen.


You can enter the phone number manually from the desired keys displayed on the screen.


Switching between speaking voice output destinations

Touching  /  each time switches speaking voice output destinations between the mobile phone and the speaker.



Call Waiting Function

If a new call comes during a current call, touch  to take the new call and put the current party on hold.

Each time you touch , the caller will change to the other one.

Touch  to end the current call and take the new call.

Closing Hands-Free popup screen

Touch  to close the Hands-Free popup screen. To display it again, touch  at the top of the screen.

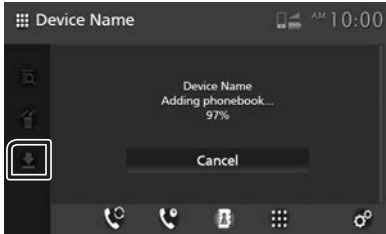
Bluetooth Control

Phonebook transfer

You can transfer phonebook data from your Bluetooth phone using PBAP.

1 Touch .

2 Touch .



➤ Phonebook data transfer starts.

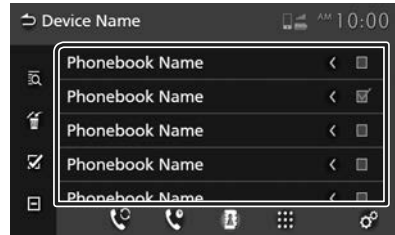
NOTE


- If the Phonebook contains more than 1000 entries, Phonebook data cannot be transferred.
- The phonebook data of up to 10 Bluetooth devices can be stored.
- When you connect the mobile phone of which the phonebook data is downloaded before, the downloaded data will be displayed.
- If you download the phonebook data from the same device again, the data will be overwritten.

Phonebook deletion


1 Touch .

2 Touch the name to check.



 Checks all boxes.

 Clears all check marks.




3 Touch .

➤ Confirmation message appears.

4 Touch **Yes**.

Phone Setup

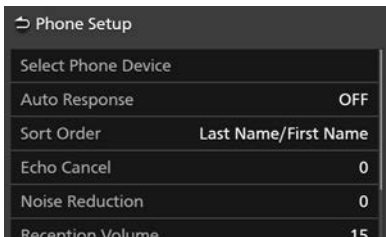
You can make various settings for the Hands-Free function.

- 1 Press  button.
 - HOME screen appears.
- 2 Touch .
- 3 Touch **Phone**.
 - Hands Free screen appears.
- 4 Touch .



➤ Phone Setup screen appears.


- 5 Set each function as follows.



■ Select Phone Device

Select the mobile phone to use as the Hands-Free phone 1 or 2 from the registered device list.



Touch  or  to switch the selected phone device.

■ Auto Response*

Set the automatic response time to pick-up an incoming call.

OFF (Default): Turns off the Automatic response function.

1 / 5 / 10 / 15 / 20 / 25 / 30: Sets the ringing time (second).

■ Sort Order

Set how to sort the data in the mobile phone phonebook.

First Name/Last Name: Sorts data by the first name.

Last Name/First Name (Default): Sorts data by the last name.

■ Echo Cancel

Adjust the level of echo cancellation.

Default is "0".

■ Noise Reduction

Reduce the noise generated in the surrounding environment without changing the microphone volume. Use this function when the voice of caller is not clear. Default is "0".

■ Reception Volume

Adjust the receiver volume.

Default is "15".

■ Incoming Ring Tone Volume

Adjust the ring tone volume of a new incoming call while talking.

Default is "15".



* Either the auto response time set on this unit or the time set on the mobile phone, whichever is shorter takes effect.

USB


▲ WARNING

- Any video won't be played while driving to prevent driver's eyes from fixing on the unit's display. Stop the vehicle in a safe place and apply the parking brake before performing such function.

Connecting a USB device

- 1 Connect the USB device to the USB port. (P.14)
- 2 Press  button.
 - ▶ HOME screen appears.
- 3 Touch .
- 4 Touch **USB**. (P.11)

Disconnect the USB device

- 1 Press  button.
 - ▶ HOME screen appears.
- 2 Touch a source other than **USB**.
- 3 Detach the USB device.

Usable USB device

You can use a mass-storage-class USB device with this unit.

The word "USB device" appearing in this manual indicates a flash memory device.

● About the file system

The file system should be the one of the following.

- FAT16
- FAT32
- exFAT
- NTFS

NOTICE

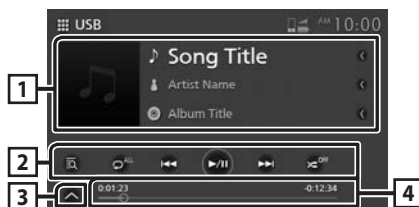
- Install the USB device in the place where it will not affect safe driving.
- You cannot connect a USB device via a USB hub and Multi Card Reader.
- Take backups of the audio files used with this unit. The files can be erased depending on the operating conditions of the USB device. We shall have no compensation for any damage arising from any erased data.

USB Basic Operation

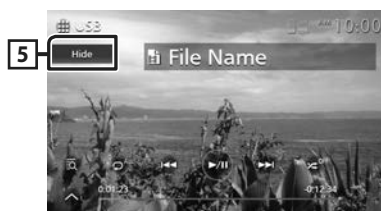
Most functions can be controlled from the source control screen and playback screen.

Control screen

Music file



Video file



Sub-control panel













1 Track information

Displays the information on the current file.

Only a file name and a folder name are displayed if there is no tag information.

2 Operation keys

-  : Searches track/file. For details on search operation, see **Search Operation (P.27)**.
-  : Searches the previous/next track/file.
Touch and hold to fast forward or fast backward.
-  : Plays or pauses.
-  : Repeats the current track/folder. Each time you touch the key, repeat modes are switched in the following sequence:
File repeat (), Folder repeat (), Repeat all ()
-  : Randomly plays all tracks in the current folder. Each time you touch the key, random modes are switched in the following sequence:
Folder random (), Random off ()

3 Sub-control panel

Touch the left side of the screen to display the function panel. Touch again to close the panel.

-  : Searches for the previous/next folder.

4 Playing time

For confirmation of current playing position. You can drag the circle left or right to change the playing position.



5 Hide (Video file only)

Hides the control screen.

Video screen





6 Key display area (Video file only)

Touch to display the control screen.

Search Operation

You can search music or video files by the following operations.

- 1 Touch  on the USB control screen.
- 2 Touch .



- 3 Select a list type.





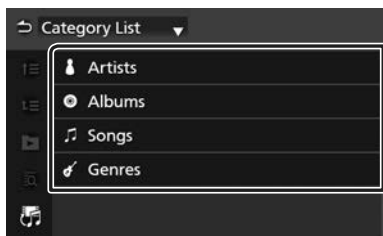
NOTE

- For operations on the list screen, see **List screen (P.13)**.

Category search

You can search for a file by selecting a category.

- 1 Touch **Category List**.
- 2 Select whether you search audio files  or video files .
- 3 Touch the desired category.

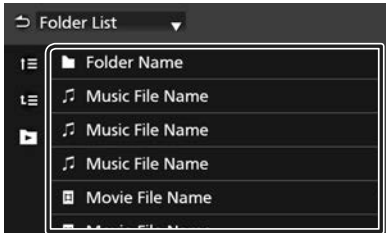


- The list corresponding to your selection appears.
- 4 Touch to select the desired item in the list. Repeat this step until you find the desired file.

Folder search

You can search for a file according to hierarchy.

- 1 Touch **Folder List**.
- 2 Touch the desired folder.



When you touch a folder its contents are displayed.

- 3 Touch to select your desired item in the list. Repeat this step until you find the desired file.

iPod/iPhone

Preparation

Connectable iPod/iPhone

The models which have the Lightning port can be connected to this unit.

WARNING

- Firmly secure the iPod when driving. Do not let the iPod fall onto the floor, where it may become jammed under the brake or accelerator pedal.


NOTICE

- Toyota accepts no responsibility for data lost from an iPod, even if that data is lost while using this product. Please back up your iPod data regularly.
- Do not leave the iPod in direct sunlight for extended amounts of time. Extended exposure to direct sunlight can result in iPod malfunction due to the resulting high temperature.
- Do not leave the iPod in any location with high temperatures.

NOTE

- When you turn on this unit, the iPod/iPhone is charged through the unit.
- If you restart playback after connecting the iPod, the music that has been played by the iPod is played first.

Connect iPod/iPhone

- 1 Connect the iPod/iPhone to the USB port. (P.14)
 - 2 Press  button.
➤ HOME screen appears.
 - 3 Touch .
 - 4 Touch **iPod**. (P.11)
- **To disconnect the iPod/iPhone connected with the cable:**
- 1 Detach the iPod/iPhone.

iPod/iPhone Basic Operation



1 Track information

Displays the information on the current file.

2 Operation keys

- : Searches for a track/file. For details on search operation, see **Search Operation (P.30)**.
- : Searches for the previous/next track/file.
Touch and hold to fast forward or fast backward.
- : Plays or pauses.
- : Repeats the current track/album. Each time you touch the key, repeat modes are switched in the following sequence:
All songs repeat (), Song repeat (), Repeat off ()
- : Randomly plays all tracks in the current album. Each time you touch the key, random modes are switched in the following sequence:
Song random (), Random off ()

3 Playing time

For confirmation of current playing position. You can drag the circle left or right to change the playing position.



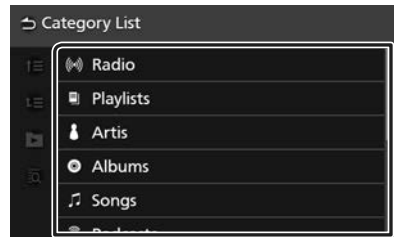
Search Operation

You can search music files by the following operation.

NOTE

- For operations on the list screen, see **List screen (P.13)**.

- 1 Touch on the iPod/iPhone control screen.
- 2 Touch the desired category.



- The list corresponding to your selection appears.

- 3 Touch to select the desired item in the list. Repeat this step until you find the desired file.

Radio

Radio Basic Operation

Most functions can be controlled from the source control screen.

To enter Radio source, touch **Radio** icon in the source selection screen. (**P.11**)

NOTE

- In this chapter, screens from RDS-compatible models are used for explanation unless otherwise specified.

RDS-compatible model



RBDS-compatible model



Non-RDS-compatible model



1 Information display

Displays the information of the current station: Frequency

Touching this area allows you to switch the displaying RDS/RBDS information. (RDS/RBDS-compatible model only)

Type A: PS name, Radio Text/Song Name, Artist Name, PTY

Type B: PS name

2 Preset keys

Recalls the memorized station.

When touched for 2 seconds, stores the current receiving station in memory.

3 PTY (FM only)*1

Searches a program by setting program type. For details, see **Search by program type (P.33)**.

4 TI (FM only)*1

Sets the traffic information mode on. For details, see **To activate TI Standby Reception (P.34)**.

5 Operation keys

- **◀ ▶**: Switches to the previous/next frequency manually.
Touch and hold to tunes in a station with good reception automatically.
- **BAND**: Switches the band (FM1/ FM2, AM).
- **MONO** (FM only) : Switches the FM stereo broadcast to in monaural reception. This is effective to reduce the noise.
- **AUTO.P**: Presets stations automatically. For details, see **Auto preset memory (P.32)**.
- **LOCALS** (FM only)*2 : Receives only the stations with good reception.

6 (FM only)*1

Displays the Radio Setup screen. For details, see **Radio Setup (P.34)**.

*1 RDS/RBDS-compatible model only

*2 Except RBDS compatible model

Memory Operation

Auto preset memory

You can store stations in memory automatically.

1 Touch **AUTO.P**.

RDS/RBDS-compatible model



Non-RDS-compatible model



2 Touch **Yes**.



➤ Auto preset memory starts.

NOTE

- The stations in which the auto preset memory function tunes are limited depending on the settings.
 - When the AF function is set to "AF" or "AF Regional" in Radio Setup screen and the traffic information mode is set to off, only the Radio Data System stations are stored. (RDS-compatible model only)
 - When the traffic information mode is set to on, only the Radio Data System stations that include the TI information are stored. (RDS/RBDS-compatible model only)

Manual memory

You can store the current receiving station in memory.

- 1 Select a station you wish to store in memory.
- 2 Touch **P#** (#:1-6) in which you want to store the station for 2 seconds until a beep sounds.

Selecting Operation

Preset select

You can select memorized station.

1 Touch desired preset station.

RDS/RBDS-compatible model



Non-RDS-compatible model



Search by program type (FM only) (RDS/RBDS-compatible model only)

You can tune to a station with a specific program type when listening to FM.

1 Touch **PTY**.

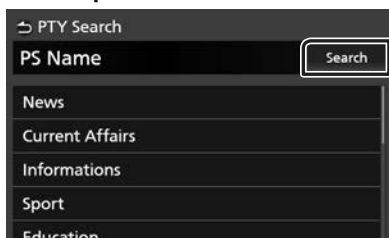


► PTY Search screen appears.

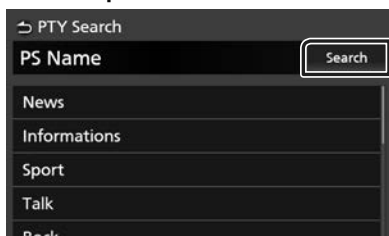
2 Select a program type from the list.

3 Touch **Search**.

RDS-compatible model



RBDS-compatible model



You can search a station of the selected program type.

Breaking News and Traffic Information (FM only) (RDS/RBDS-compatible model only)

You can listen and watch the traffic information, news, and alarm bulletin automatically when these bulletin starts.

Once the bulletin is complete, the radio will return to its original station.



1 Information text

Displays the Traffic Information, News, and Alarm message.

2 OFF (Traffic Information/ News only)

Traffic Information: Sets the Traffic Information function off and return to the original screen.

News: Sets the news bulletin interruption function off and return to the original screen.

NOTE

- It is necessary to have the Traffic Information function set to on in order to have the Traffic Information screen appear automatically. **(P.34)**
- It is necessary to have the news bulletin interruption function set to on in order to have the News screen appear automatically. **(P.34)**
- The volume setting during reception of traffic information is automatically stored. The next time the traffic information/news/alarm bulletin is received, this unit recalls the volume setting automatically.

To activate TI Standby Reception

1 Touch **BAND** to switch to FM band.



2 Touch **TI**.



➤ Traffic information mode is set.

Radio Setup (FM only) (RDS/RBDS-compatible model only)

You can set radio related parameters.

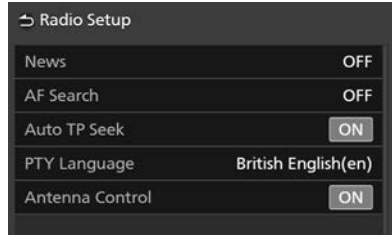
1 Touch **Band** to switch to FM band.

2 Touch .



➤ Radio Setup screen appears.

3 Set each item as follows.



■ News*

Sets a news bulletin interrupt time. Default is "OFF".

■ AF Search *

AF Search: When station reception is poor, automatically switches to the station that is broadcasting the same program over the same Radio Data System network.

AF Regional: Limits the station to only in the specific region while using the "AF" control.

OFF (Default): Cancels this function.

■ Auto TP Seek *

When traffic information station reception is poor, automatically searches for a station that can be received better. Default is "ON".

■ PTY Language*

Selects a display language for the PTY function.

■ Antenna Control

Turning this option "OFF" allows you to turn off the Radio Data System function to prevent the motor-driven antenna from extending. Default is "ON".

* RDS-compatible model only

Other External Components

Using the back camera

Back camera view

When the gear stick is aligned to the REVERSE (R) position, the screen automatically switches to full-screen back camera image.



CAUTION



- A clear image cannot be displayed on the screen if the back camera lens is dirty. If water droplet or mud etc. is on the lens, wash it off and wipe the lens with a soft cloth. If the lens gets extremely dirty, wash it off using a mild cleanser.
- The image quality may deteriorate depending on the usage environment, such as at night or in dark surroundings.
- The range projected by the back camera is limited.
- Object located higher than the back camera may not be displayed on the screen.
- The back camera view is closed automatically if the gear stick is aligned to the positions other than the REVERSE (R) position.
- The back camera view mode is to use this product as an aid while backing up. Do not use this function for entertainment purposes.

NOTE

- This function is available for the vehicle equipped with a back camera.
- For more information, refer to the camera manual.

Setup

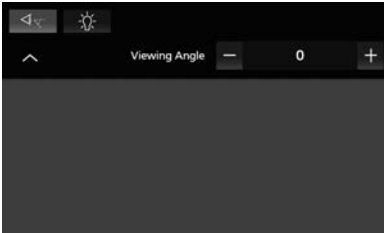
Display Adjust

- 1 Press  button.
 > Popup menu appears.
- 2 Touch .



> Display control screen appears.

- 3 Adjust each setting as follows.



If it is hard to see the image on the screen evenly, adjust the viewing angle. The smaller the (negative) value, the more whitish the image on the screen looks.

"0" (Default) / "-1" / "-2" / "-3"



Adjust the backlight. ("4" to "4")

Picture Adjust

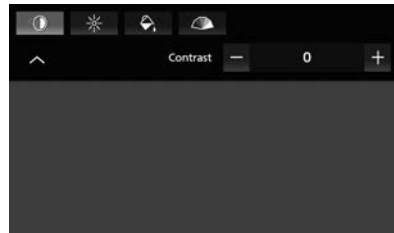
You can adjust the image quality of video, menu screen, etc.

- 1 Press  button.
 > Popup menu appears.
- 2 Touch .





> Picture control screen appears.

- 3 Adjust each setting as follows.



Adjust each setting.

■  **(Camera only)**
Adjust the tint. ("4" to "4")

■  **(Video file only)**
Select a screen mode.

Full : Displays video at the ratio of 16:9.

Normal : Displays video at the ratio of 4:3.



Auto :

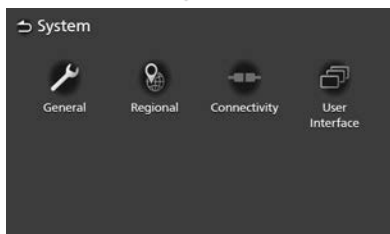
USB device : Displays video fully (vertically or horizontally) with no ratio change.

NOTE

- Settings to adjust vary depending on the current source.

System Setup

- 1 Press  button.
➤ Popup menu appears.
- 2 Touch .





See the following section for each setting.

- General systems (*P.37*)
- Regional systems (*P.7*)
- Connectivity systems (*P.17*)
- User interface systems (*P.38*)

General Systems

You can confirm the information of this unit.

- 1 Press  button.
➤ Popup menu appears.
- 2 Touch .
- 3 Touch **General**.



- General screen appears.

- 4 Set each parameter as follows.

■ Software Information

Confirm the software version of this unit.
(*P.37*)

■ Open Source Licenses

Display the open source licenses.

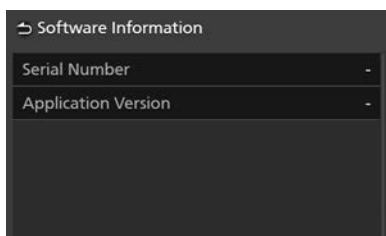
■ Restore Factory Default

Touch **Restore Factory Default** and then touch **Yes** to set all the settings to the initial default settings.



Software Information

You can confirm the software version of this unit.

- 1 Touch **Software Information** in the General screen.
- 2 Confirm the software version.



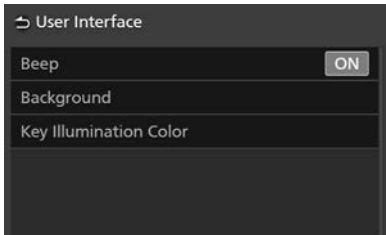
User Interface Systems

- 1 Press  button.
➤ Popup menu appears.
- 2 Touch .
- 3 Touch **User Interface**.



➤ User Interface screen appears.

- 4 Set each parameter as follows.



■ Beep

Turn the key touch tone on or off.
Default is "ON".

■ Background

You can change the background image.
(P.38)

■ Key Illumination Color

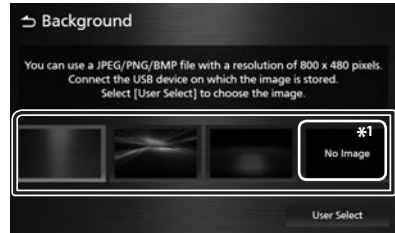
You can change the key illumination color.
(P.39)

Change the background image

NOTE

- After you change the background image, the clock and other parts on the HOME screen will look differently.

- 1 Touch **Background** on the User Interface screen.
- 2 Select an image.



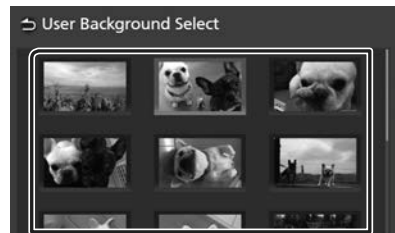
*1 Register an original image in advance.

To register an original image

You can load an image from the connected USB device and set it as the background image.

Before starting this procedure, it is necessary to connect the device which has the image to load.

- 1 Touch **User Select** on the Background screen.
- 2 Select the image to load.





3 Touch **Enter**.



- ▶ The selected image is loaded and the display returns to the Background screen.

NOTE

- Touch  to rotate the image counter clockwise.
- Touch  to rotate the image clockwise.
- Picture files: JPEG (.jpg, .jpeg), PNG (.png), BMP (.bmp)

Change the key Illumination color

- 1 Touch **Key Illumination Color** on the User Interface screen.
- 2 Select a key illumination color.

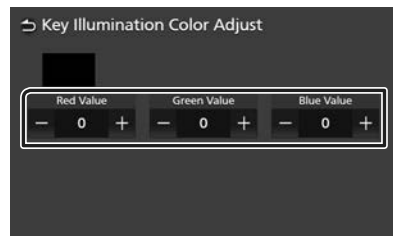


3 Touch .

To register an original color

You can register your original color.

- 1 Touch **User1** or **User2** on the Key Illumination Color screen.
- 2 Touch **Adjust**.
- 3 Use **-** and **+** to adjust each color value.





4 Touch .

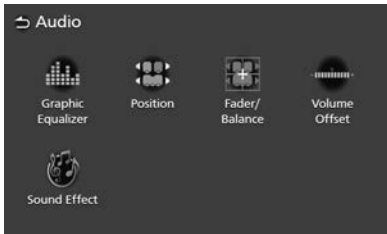
To initialize the key illumination color

To initialize the key illumination color, touch **Default**.

Controlling Audio

You can adjust various settings such as audio balance.

- 1 Press  button.
 ▶ Popup menu appears.
- 2 Touch .





See the following section for each setting.

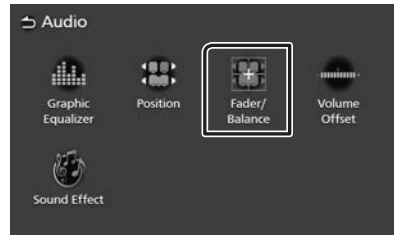
- Controlling equalizer (**P.41**)
- Set listening position (**P.43**)
- Controlling general audio (Fader/Balance) (**P.40**)
- Set volume offset (**P.42**)
- Set sound effect (**P.42**)

NOTE

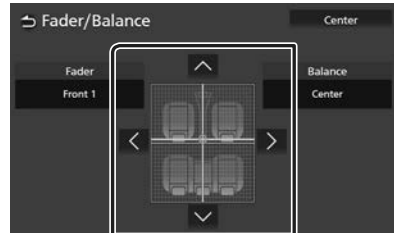
- When the AV is turned off, all audio setting functions are not available. Switch to the source that you want to adjust audio settings.

Controlling General Audio

- 1 Press  button.
 ▶ Popup menu appears.
- 2 Touch .
- 3 Touch **Fader/Balance**.






- 4 Set each parameter as follows.



■ Fader / Balance

Adjust the volume balance around the touched area.

 and  adjust the right and left volume balance.



 and  adjust the front and rear volume balance.

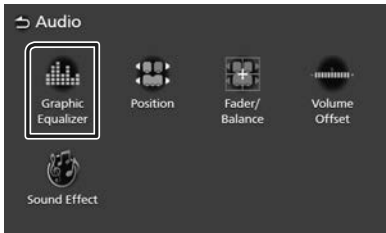
■ Center

Clear the adjustment.

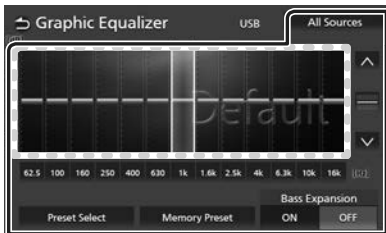
Equalizer Control

You can adjust equalizer by selecting the optimized setting for each category.

- 1 Press  button.
➤ Popup menu appears.
- 2 Touch .
- 3 Touch **Graphic Equalizer**.





- 4 Touch the screen and set the **Graphic Equalizer** as desired.



■ Gain level (area in dotted frame)

Adjust the gain level by touching each frequency bar.

You can select a frequency bar and adjust its level by  .

■ Preset Select

Display the screen for selecting the preset equalizer curve. (P.41)

■ Memory Preset

Saves the adjusted equalizer curve as "User".



Initialize (flatten) the current EQ curve.

■ All Sources

Apply the adjusted equalizer curve to all sources. Touch **All Sources** and then touch **Yes** on the confirmation screen.

■ ON/OFF (Bass Extend Settings)

When turned on, the frequencies lower than 62.5 Hz is set to the same gain level (62.5 Hz).

■ Recall the EQ curve

- 1 Touch **Preset Select**.
- 2 Select an EQ curve.



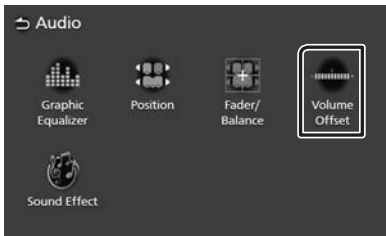
NOTE

- This AVX provides the following EQ settings for various vehicle types.
 - Sedan
 - C-SUV, H/B (Compact SUV and Hatchback)
 - MPV
 - SUV,PU (SUV and Pick Up Truck)
 - Van
- The EQ setting is optimized for each vehicle type and produce clean, distortion-free natural sound at any listening level.

Volume Offset

Finely adjust the volume of the current source to minimize the difference in volume between different sources.

- 1 Press button.
 - Popup menu appears.
- 2 Touch .
 - Audio screen appears.
- 3 Touch **Volume Offset**.



- 4 Touch **+** or **-** to adjust the level.



■ Initialize

Returns to the initial settings.

Touch **Initialize** and then touch **Yes** on the confirmation screen.

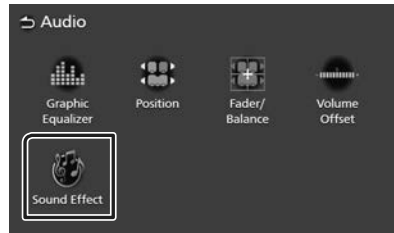
NOTE

- If you have increased the volume first, then reduce the volume using "Volume Offset". Switching the current source to another source suddenly may output extremely loud sound.

Sound Effect

You can set sound effects.

- 1 Press button.
 - Popup menu appears.
- 2 Touch .
 - Audio screen appears.
- 3 Touch **Sound Effect**.



- 4 Set each parameter as follows.



■ Bass Boost

Set the amount of bass boost.

"OFF"/"1"/"2"/"3"

■ Loudness

Set the amount of boost of low and high tones.

"OFF"/"Low"/"High"

■ Auto Sound Level

AVX automatically adjust EQ setting based of volume level or vehicle speed.

The function is varied depends on vehicle or vehicle grade.

"OFF"/"ON"

■ Space Enhancement

Select the feeling of sound space enhancement.

"OFF"/"Small"/"Medium"/"Large".

This setting is not available for the Radio source.

■ Sound Response



Virtually make the sound more realistic using the Digital Signal Processor (DSP) system. Select the level from "OFF"/"1"/"2"/"3".

■ Sound Lift

You can adjust the height of speakers virtually to suit your listening position. "OFF"/"Low"/"Middle"/"High".

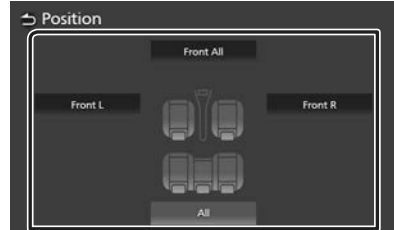
Listening Position

Listening Position allows you to improve the sound field depending on the position of the seat you sit.

- 1 Press  button.
 - Popup menu appears.
- 2 Touch .
 - Audio screen appears.
- 3 Touch **Position**.



- 4 Select a listening position from **Front R** (Right front), **Front L** (Left front), **Front All** (All front), and **All**.










Steering Wheel Control

This unit can be operated using the switches on the steering wheel.

NOTE

- Steering wheel control function is varied depends on vehicle and vehicle grade.

Operations using the steering switch

Key Name	Press	Press and Hold
	Volume up	Volume up continuously
	Volume down	Volume down continuously
MODE	Switch sources	Mute ON/OFF
	Select preset radio stations Select next track, file	Seek radio stations Forward Search
	Select preset radio stations Select previous track, file	Seek radio stations Reverse Search
	Receive an incoming call Make a phone call	Decline, refuse an incoming call End a phone call
	Decline, refuse an incoming call End a phone call	
	Start smartphone's Voice Recognition (Smartphone dependent)	Stop voice recognition if voice recognition is in operation.

Remote control

This unit can be operated using the remote control.

NOTE

- Remote Control is optional which may not be supplied in some vehicles.

⚠ WARNING

- Do not ingest the battery, Chemical Burn Hazard

The remote control supplied with this product contains a coin / button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

- Put the remote control in a place where it will not move during braking or other operations. A dangerous situation could result, if the remote control falls down and gets wedged under the pedals while driving.

⚠ CAUTION

- Risk of fire or explosion if the battery is replaced by an incorrect type. Ensure to replace only with the same type.
- Risk of fire, explosion or the leakage of flammable liquid or gas if the battery is left in an extremely high temperature surrounding environment and/or subjected extremely low air pressure. The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Risk of fire, explosion or the leakage of flammable liquid or gas if the battery is disposed into fire or a hot oven, recharged, shorted, mechanically crushed or cut of the battery.
- If spilled fluid comes in contact with your eyes or on clothing, immediately rinse with water and consult a physician.

Using the Remote control

Point the remote control in the direction of the front panel to operate.

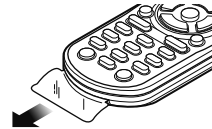
- The remote control may not function properly in direct sunlight.

IMPORTANT

- Do not store the remote control in high temperatures or direct sunlight.
- Do not let the remote control fall onto the floor, where it may become jammed under the brake or accelerator pedal.

📄 Removing the battery sheet

Pull the battery sheet out from the remote controller to activate the battery.

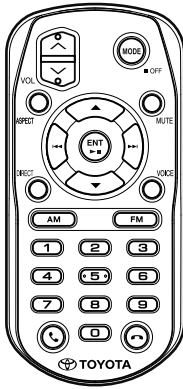


📄 Changing the battery of the remote controller



- Use a commercially available button battery (CR2025).
- Insert the battery with the + and – poles aligned properly.
 - If the effectiveness of the remote controller decreases, replace the battery.

Functions of the Remote control Buttons



Key Name	Function
MODE	<ul style="list-style-type: none"> • Selects the source. (Press) • Turns off the power. (Hold)
VOL ^ v	Adjusts the volume.
ASPECT	Changes the aspect ratio. <ul style="list-style-type: none"> • To confirm the current aspect ratio setting, operate on the touch panel. (P.36)
MUTE	Lowers the volume when pressed once. Restores the previous volume when pressed twice.
▲ ▼	Selects the folder to be played.
⏮ ⏭	Selects the track or file to be played. For the Radio source, switches to broadcast stations received by the unit.
ENT ▶	Starts/pauses playback.
DIRECT	Switches to the direct search mode. For details on the direct search mode, see Direct search mode (P.47) .
VOICE	<ul style="list-style-type: none"> • Voice recognition starts. (Press) • Voice recognition ends when voice recognition is in operation. (Hold)
AM FM	Selects FM/ AM band to be received.
Numeric Keypad	<ul style="list-style-type: none"> • 1 - 6: Enters preset station number. • Allows you to enter the number to search in the direct search mode. For details on the direct search mode, see Direct search mode (P.47).
☎	Displays the Hands Free screen. (P.21) When a call comes in, answers the call.
☎	Ends/rejects the call.

Direct search mode

Using the remote control, you can jump directly to frequency on the radio, by entering the number corresponding to the content.

NOTE

- This operation can be executed for radio only.

- 1 Press the **MODE** button several times until the desired source appears.**
- 2 Press the **DIRECT** button to select the content.**

The available contents are different depending on the source type.

 - **Radio**
Frequency value
- 3 Enter the number of the content you want to play using the numeric keypad.**
- 4 Press the **▶▶** button.**
 - The content corresponding to the number you entered is played.

Troubleshooting

Problems and Solutions

If you have problems operating this product, refer to this section. The most common problems are listed below, along with likely causes and solutions. If a solution to your problem cannot be found here, contact your dealer or your nearest Toyota Service Center.

NOTE

- Some functions of this unit may be disabled by some settings made on this unit.
- What might seem to be a malfunction in your unit may just be the result of slight misoperation.

About audio operations

The sound skips when an audio file is being played.

The recording condition is bad.

- Record the file again.

Error Messages

When you fail to operate the unit correctly, the cause of the failure appears as the message on the screen.

There is an error in the speaker wiring. Please check the connections.

Protective circuit has been activated because a speaker cord has shorted or it has come in contact with the car chassis.

- Wire or insulate the speaker cord as appropriate and turn the power off and on again.

USB device over current status detected.

The connected USB device is rated a current capacity higher than the allowable limit.

- Check the USB device. Some trouble may have occurred to the connected USB device.
- Change the source to any source other than USB. Remove the USB device.

Appendix

Playable Media and Files

You can play various kinds of media and files on this unit.

About files

The following audio and video files are supported.

Playable Audio files

	Format	Bit rate	Sampling frequency	Bit count
AAC-LC (.m4a)	MPEG2/4 AAC LC HE-AAC(V1,V2)	8 – 320kbps, VBR	16 – 48 kHz	16 bit
MP3 (.mp3)	MPEG 1/2 Audio Layer 3	8 – 320kbps, VBR	16 – 48 kHz	16 bit
WMA (.wma)	Windows Media Audio Standard L3 profile (Version 7,8,9)	8 – 320kbps	16 – 48 kHz	16 bit
Linear PCM (WAVE) (.wav)	RIFF waveform Audio Format	–	16 – 96 kHz (USB)	16/ 24 bit
FLAC (.flac, .fla)	flac	–	16 – 96 kHz (USB)	16/ 24 bit
Vorbis (.ogg)	vorbis	VBR	16 – 48 kHz	16 bit

- WMA and AAC files with DRM cannot be played.
- Although the audio files complies with the standards listed above, they may not be played depending on the types or conditions of media or device.

Acceptable Video files

	Profile	Max. Picture size	Max. bit rate	Audio format
MPEG-1 (.mpg, .mpeg)	–	352 × 240, 352 × 288	1.5 Mbps	MPEG Audio Layer 2
MPEG-2 (.mpg, .mpeg)	MP@ML	720 × 480, 720 × 576	8 Mbps	MPEG Audio Layer 2
H.264/MPEG-4 AVC (.mp4, .m4v, .avi, .flv, .f4v)	Baseline Profile, Main Profile	1920 × 1080 (30 fps)	8 Mbps	MP3, AAC
MPEG-4 (.mp4, .avi)	Advanced Simple Profile	1920 × 1080 (30 fps)	8 Mbps	MP3, AAC
WMV (.wmv)	Main Profile	1920 × 1080 (30 fps)	8 Mbps	WMA
MKV (.mkv)	Video format follows H.264/MPEG-4 AVC, MPEG-4, WMV			MP3, AAC, WMA, Vorbis, FLAC

- This unit can only play back files which are smaller than 4 GB.

Limitation on structure of file and folder

	USB device
Maximum number of folder layers	8
Maximum number of files (per folder)	999
Maximum number of folders (per folder)	9999
Maximum number of folders (per device)	Unlimited

- You can enter a folder name and file name with 255 or fewer single-byte characters.
- Files in the folder whose folder name begins with a dot (.) cannot be played.

Specifications

■ Monitor section

Picture Size

: 6.95 inches (diagonal) wide
156.6 mm (W) × 81.6 mm (H)

Display System

: TN LCD panel

Drive System

: TFT active matrix system

Number of Pixels

: 1,152,000 (800H × 480V × RGB)

Effective Pixels

: 99.99 %

Pixel Arrangement

: RGB striped arrangement

Back Lighting

: LED

■ USB interface section

USB Standard

: USB 2.0 High Speed

File System

: FAT 16/ 32, exFAT, NTFS

Maximum Power Supply Current

: DC 5 V $\overline{\text{max}}$ 1.5 A × 1

D/A Converter

: 24/ 32 bit

Audio Decoder

: MP3/ WMA/ AAC/ WAV/ FLAC/ Vorbis

Video Decoder

: MPEG1/ MPEG2/ MPEG4/ WMV/ H.264/ MKV

■ Bluetooth section

Technology

: Bluetooth Ver.4.1

Frequency

: 2.402 – 2.480 GHz

Output Power

: -0.5 dBm ± 1 dB, Power Class2

Maximum Communication range

: Line of sight approx. 10m (32.8 ft)

Audio Codec

: SBC/ AAC

Profile (Multi Profile support)

- HFP (V1.7) (Hands Free Profile)
- A2DP (Advanced Audio Distribution Profile)
- AVRCP (V1.6) (Audio/Video Remote Control Profile)
- PBAP (Phonebook Access Profile)

■ FM tuner section

Frequency Range (step)

For Asia-Pacific
: 87.5 MHz — 108.0 MHz (50 kHz)
For GCC, Oceania
: 87.5 MHz — 108.0 MHz (Manual: 50 kHz, Auto: 100 kHz)
For Latin America
: 87.5 MHz — 108.0 MHz (100 kHz)
For Mexico
: 87.9 MHz — 108.0 MHz (100 kHz)

Usable Sensitivity (S/N : 30 dB)

: 9.3 dBf (0.8 μ V/ 75 Ω)

Quieting Sensitivity (S/N : 46 dB)

: 15.2 dBf (1.6 μ V/ 75 Ω)

Frequency Response

: 30 Hz – 15 kHz

S/N Ratio (dB)

: 60 dB (MONO)

Selectivity (\pm 400 kHz)

: Over 80 dB

Stereo Separation

: 45 dB (1 kHz)

■ AM tuner section

Frequency Range (step)

For Asia-Pacific, GCC, Oceania
: 531 kHz – 1602 kHz (9 kHz)
For Latin America
: 530 kHz – 1625 kHz (Manual: 5 kHz, Auto: 10 kHz)
For Mexico
: 530 kHz – 1710 kHz (10 kHz)

Usable Sensitivity

: 28 dB μ (25 μ V)

■ Video section

Color System of External Video Input

: NTSC

■ Audio section

Maximum Power (Front & Rear)

: 50 W × 4

Typical Power Output (Front & Rear)

Full Bandwidth Power (at less than 10% THD)

: 20 W × 4

Output frequency band

: 20 – 20,000 Hz

Speaker Impedance

: 4 – 8 Ω

Graphics equalizer

Band: 13 Band

Frequency (BAND1 – 13)

: 62.5/ 100/ 160/ 250/ 400/ 630/ 1k/ 1.6k/ 2.5k/ 4k/
6.3k/ 10k/ 16k Hz

Gain

: -9/-8/-7/-6/-5/-4/-3/-2/-1/0/1/2/3/4/5/6/7/8/9 dB

■ General

Operating Voltage

: 12 V DC car battery

Maximum Current Consumption

: 15 A

Dimensions (W × H × D)

: 205 × 104 × 175.95 mm

Weight

: 1.29 kg

NOTE

- Although the effective pixels for the liquid crystal panel is given as 99.99% or more, 0.01% of pixels may not light or may light incorrectly.

Specifications are subject to change without prior notice.

About this Unit

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Made for

iPhone | iPod

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Appendix

Manufacturer Model Name

7 inch Basic AVX

DMXGT401R
DMXGT401RJ
DMXGT402L
DMXGT402LJ

For further information



Please check the below special website for further information.
<https://21cy.jvckenwood.com>



NOTICE TO OWNER

Please retain this booklet and write the serial number of this product for identification and accurate reporting to your local police in the event of theft.

● **How to confirm the serial number of this unit.**

- ① Press  button.
- ② Touch .
- ③ Touch **General**.
- ④ Touch **Software Information**.
- ⑤ Confirm the Serial Number.

Serial Number _____

