

3-2. Using the audio system

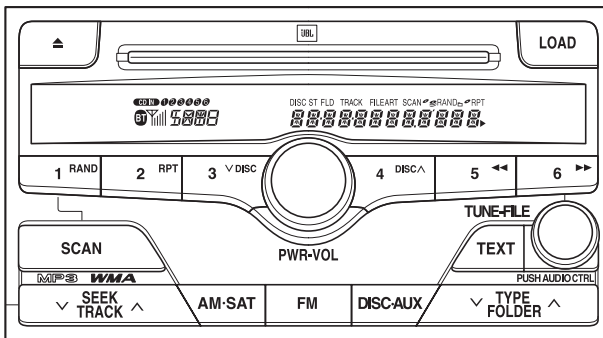
Audio system type

▶ With navigation system

Owners of models equipped with a navigation system should refer to the “Navigation System Owner’s Manual”.

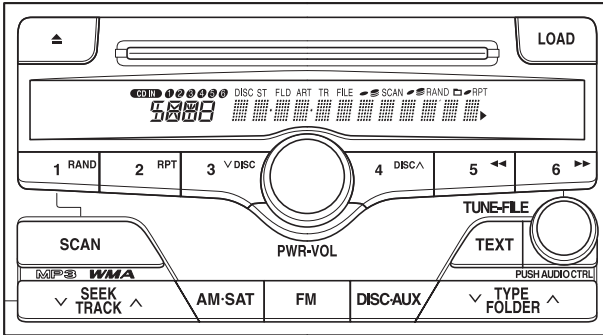
▶ Without navigation system

Type A: CD player with changer and AM/FM radio



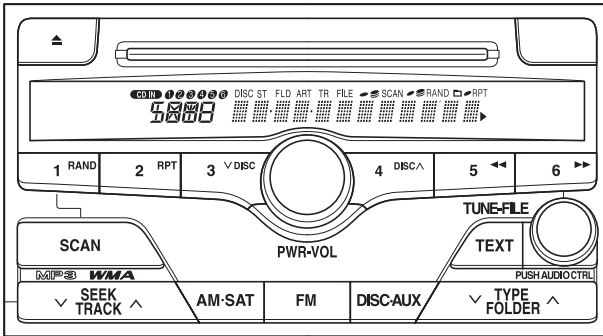
ITN32V001a

Type B: CD player with changer and AM/FM radio



ITN32V002a

Type C: CD player and AM/FM radio (with CD changer controller)



ITN32V003

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n **Using cellular phones**

Interference may be heard through the audio system's speakers if a cellular phone is being used inside or close to the vehicle while the audio system is operating.

 **CAUTION**

n For vehicles sold in the U.S.A.

I Part 15 of the FCC Rules

FCC Warning:

Any unauthorized changes or modifications to this equipment will void the user's authority to operate this device.

I Laser products

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

 **NOTICE**

n To prevent battery discharge

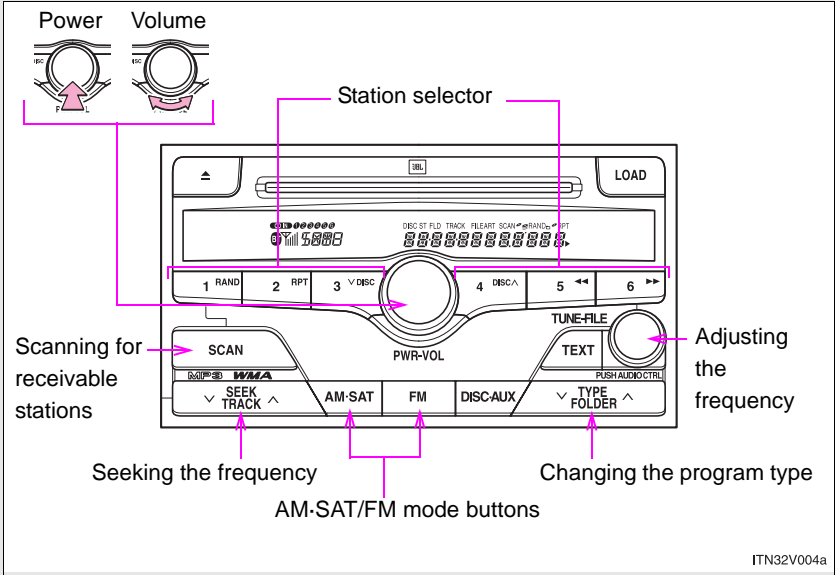
Do not leave the audio system on longer than necessary with the engine off.

n To avoid damaging the audio system

Take care not to spill drinks or other fluids over the audio system.

3-2. Using the audio system Using the radio

Press **AM-SAT** or **FM** to choose either an AM or FM band.



Setting station presets (excluding XM[®] Satellite Radio)

STEP 1 Search for desired stations by turning



TUNE-FILE



or press-

ing “^” or “v” on




STEP 2 Press and hold the button (from  to ) the station is to be set to, and you hear a beep.

Scanning radio stations (excluding XM[®] Satellite Radio)

n Scanning the preset radio stations

STEP 1 Press and hold  until you hear a beep.


Preset stations will be played for a few seconds each.

STEP 2 When the desired station is reached, press  once again.

n Scanning all radio stations within range


STEP 1 Press .

“SCAN” appears on the display and all stations with reception will be played for a few seconds each.

STEP 2 When the desired station is reached, press  once again.

XM[®] Satellite Radio (if equipped)


n Receiving XM[®] Satellite Radio


STEP 1 Press  until "SAT" shows in the display.

The display changes as follows each time the button is pressed.



"AM" → "SAT1" → "SAT2" → "SAT3"




STEP 2 Turn  to select a desired channel from all the cat-

egories or press "∧" or "∨" on  to select a desired channel in the current category.

n Presetting XM[®] Satellite Radio channels

Select the desired channel. Press and hold the button (from  to ) until you hear a beep.

n Changing the channel category

Press "∧" or "∨" on .

n **Scanning XM[®] Satellite Radio channels**

- 1 Scanning channels in the current category

STEP 1 Press  .


STEP 2 When the desired channel is reached, press the button again.

- 1 Scanning preset channels

STEP 1 Press and hold  until you hear a beep.

STEP 2 When the desired channel is reached, press the button again.

n **Displaying text information**

Press  .

The display will show up to 10 characters.

The display changes as follows each time the button is pressed.

- 1 CH NAME
- 1 TITLE (SONG/PROGRAM TITLE)
- 1 NAME (ARTIST NAME/FEATURE)
- 1 CH NUMBER

n **When the battery is disconnected**

All preset stations are erased.

n **Radio antenna type**

- 1 Detachable antenna

To remove a detachable antenna, carefully turn it counterclockwise.

- 1 Wire antenna

The radio antenna is mounted inside the rear window.

11 Reception sensitivity

- 1 Maintaining perfect radio reception at all times is difficult due to the continually changing position of the antenna, differences in signal strength and surrounding objects, such as trains, transmitters, etc.
- 1 The radio antenna is mounted inside the rear window. To maintain clear radio reception, do not attach metallic window tinting or other metallic objects to the antenna wire mounted inside the rear window.

11 Receiving XM[®] Satellite Radio

An XM[®] Satellite Radio is a tuner designed exclusively to receive broadcasts provided under a separate subscription. Availability is limited to the 48 contiguous states and some Canadian provinces.

1 XM[®] subscriptions


For detailed information about XM[®] Satellite Radio or to subscribe:
U.S.A—

Visit on the web at www.xmradio.com or call 1-800-967-2346.

Canada—

Visit on the web at www.xmradio.ca or call 1-877-438-9677.

1 Radio ID

You will need the radio ID when activating XM[®] service or reporting a problem. Select “CH000” using  , and the receiver's 8-character ID number will appear.

1 Satellite tuner

The tuner supports only Audio Services (Music and Talk) and the accompanying Text Information of XM[®] Satellite Radio.

■ If the satellite radio does not operate normally

If a problem occurs with the XM[®] tuner, a message will appear on the display. Refer to the table below to identify the problem, and take the suggested corrective action.

ANTENNA	The XM [®] antenna is not connected. Check whether the XM [®] antenna cable is attached securely.
	There is a short-circuit in the antenna or the surrounding antenna cable. See a Toyota certified dealer.
UPDATING	You have not subscribed to XM [®] Satellite Radio. The radio is being updated with the latest encryption code. Contact XM [®] Satellite Radio for subscription information. When a contract is canceled, you can choose "CH000" and all free-to-air channels.
	The premium channel you selected is not authorized. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel. If you want to listen to the premium channel, contact XM [®] Satellite Radio.
NO SIGNAL	The XM [®] signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
LOADING	The unit is acquiring audio or program information. Wait until the unit has received the information.
OFF AIR	The channel you selected is not broadcasting any programming. Select another channel.

----	There is no song/program title or artist name/feature associated with the channel at that time. No action needed.
---	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or "CH001". If it does not change automatically, select another channel.

Contact the XM[®] Listener Care Center at 1-800-967-2346 (U.S.A.) or 1-877-438-9677 (Canada).

11 Certifications for the radio tuner

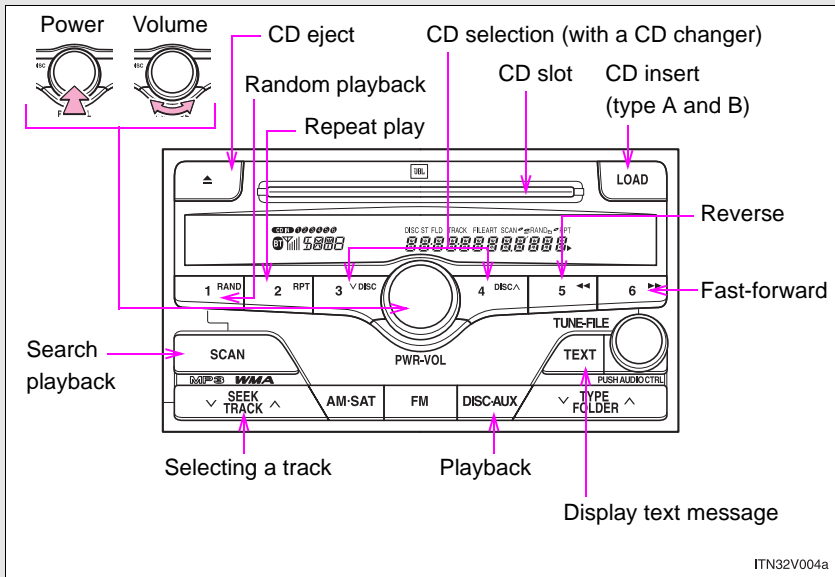
This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by trying one or more of the following:

- 1 Reorienting or relocating the receiving antenna.
- 1 Increasing the separation between the equipment and receiver.
- 1 Connecting the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 1 Consulting the dealer or an experienced radio/TV technician for help.

3-2. Using the audio system Using the CD player

Insert a CD or press **DISC-AUX** with a CD inserted.



Loading a CDs

n Loading a single CD

► Type A and B

STEP 1 Press  .

STEP 2 Insert a CD when the indicator on the slot turns from amber to green.

► Type C

Insert a CD.

n Loading multiple CDs (type A and B)


STEP 1 Press and hold  until you hear a beep.

STEP 2 Insert a CD when the indicator on the slot turns from amber to green.

The indicator on the slot turns to amber when the CD is inserted.

STEP 3 Insert the next CD when the indicator on the slot turns from amber to green again.


Repeat the procedure for the remaining CDs.

To cancel the operation, press  .

Ejecting CDs


n Ejecting a CD

► Type A and B


STEP 1 To select the CD to be ejected, press  (∨ DISC) or

 (DISC ^).


The number of the CD selected is shown on the display.

STEP 2 Press  and remove the CD.

► Type C



Press  and remove the CD.

n Ejecting all CDs (type A and B)

Press and hold  until you hear a beep, then remove the CDs.

Selecting a CD (with a CD changer)


n To select a CD to play

Press  (∨ DISC) or  (DISC ^) until the desired CD number appears on the display.


n To scan loaded CDs

STEP 1 Press and hold  until you hear a beep.



The first 10 seconds of the first track on each CD will be played.

STEP 2 Press  once again when the desired CD is reached.

Selecting a track

Press “^” to move up or “v” to move down using  until the desired track number appears on the display.


Fast forwarding and rewinding tracks

Press and hold  (rewind) or  (fast forward).

Scanning a CD

STEP 1 Press .

The first 10 seconds of each track will be played.

STEP 2 Press  once again when the desired track is reached.

Random playback

n Current CD

Touch  (RAND).

Tracks are played in random order until the button is pressed once again.

n All CDs (with a CD changer)

Press and hold  (RAND) until you hear a beep.

Tracks on all loaded CDs are played in random order until the button is pressed once again.

Repeating a track or a disc

n Repeating a track

Press  (RPT).

n Repeating a disc (type A and B)

Press and hold  (RPT) until you hear a beep.


Switching the display

Press .


Each time the button is pressed, the display changes in the order of Track no./Elapsed time → CD title → Track name.

n Display

Up to 12 characters can be displayed at a time.

If there are 13 characters or more, pressing and holding  for 1 second or more will display the remaining characters.

A maximum of 24 characters can be displayed.

If  is pressed for 1 second or more again or has not been pressed for 6 seconds or more, the display will return to the first 12 characters.


Depending on the contents recorded, the characters may not be displayed properly or may not be displayed at all.

11 Canceling random, repeat and scan playback

Press  (RAND),  (RPT) or  again.

11 Error messages

“ERROR”: This indicates a trouble either in the CD or inside the player. The CD may be dirty, damaged or inserted up-side down.

“WAIT”: Operation has stopped due to a high temperature inside the player. Wait for a while and then press . Contact your Toyota dealer if the CD still cannot be played back.

11 Discs that can be used

Discs with the marks shown below can be used.

Playback may not be possible depending on recording format or disc features, or due to scratches, dirt or deterioration.



CDs with copy-protect features may not play correctly.

11 CD player protection feature

To protect the internal components, playback is automatically stopped when a problem is detected while the CD player is being used.

11 If CDs are left inside the CD player or in the ejected position for extended periods

CDs may be damaged and may not play properly.

11 Lens cleaners

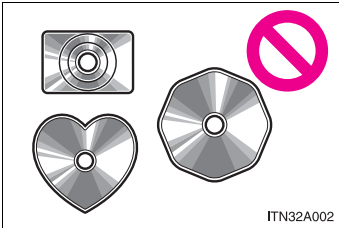
Do not use lens cleaners. Doing so may damage the CD player.

 NOTICE

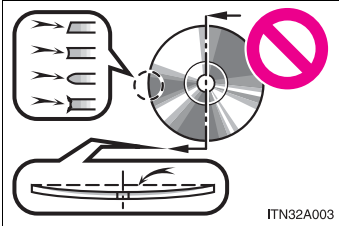
n CDs and adapters that cannot be used

Do not use the following types of CDs, 3 in. (8 cm) CD adapters or Dual Disc.

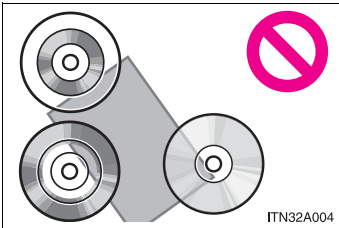
Doing so may damage the player and/or the CD insert/eject function.



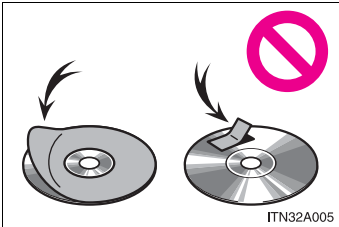
! CDs that have a diameter that is not 4.7 in. (12 cm).



! Low-quality and deformed CDs.



! CDs with a transparent or translucent recording area.

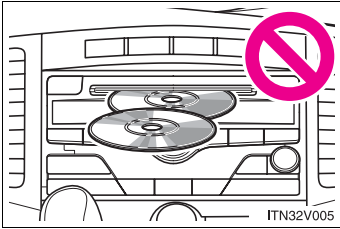


! CDs that have tape, stickers or CD-R labels attached to them, or that have the label peeled off.

 NOTICE**n Player precautions**

Failure to follow the precautions below may result in damage to the CDs or the player itself.

- I Do not insert anything other than CDs into the CD slot.
- I Do not apply oil to the player.
- I Store CDs away from direct sunlight.
- I Never try to disassemble any part of the player.

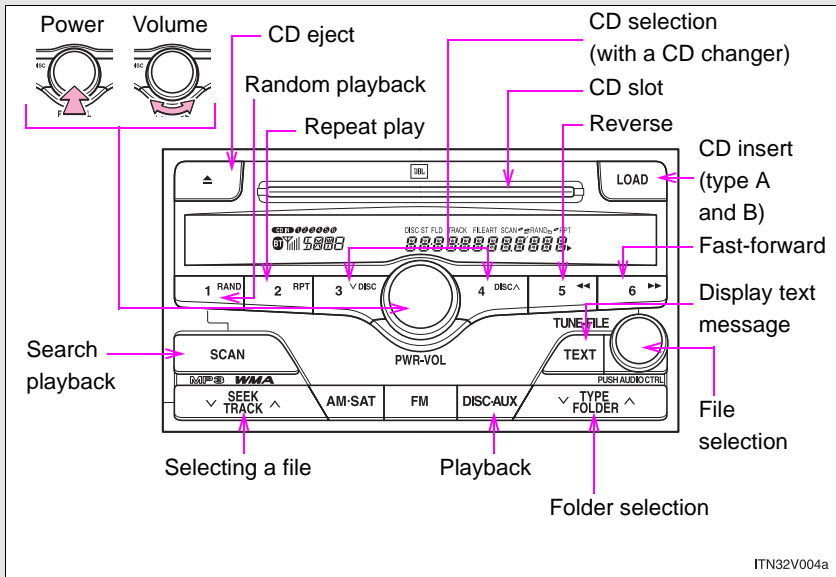


- I Do not insert more than one CD at a time.

3-2. Using the audio system

Playing back MP3 and WMA discs

Insert an MP3 or WMA disc or press **DISCAUX** with a disc inserted.



Loading and ejecting MP3 and WMA discs

Refer to the section entitled "Using the CD player" for details.
(→P. 294)


Selecting a CD (with a CD changer)

Refer to the section entitled "Using the CD player" for details.
(→P. 294)

Selecting and scanning a folder

n Selecting folders one at a time

Press “^” or “v” on  to select the desired folder.

To return to the first folder, press and hold “v” on  until you hear a beep.



n Selecting the desired folder by cueing the first file of each folder

Press and hold  until you hear a beep.

When the desired folder is reached, press the switch once again.


Selecting and scanning a file

n Selecting one file at a time

Turn  or press “^” or “v” on  to select the desired file.

n Selecting the desired file by cueing the files in the folder

Press .

When the desired file is reached, press  once again.

Fast forwarding and reversing files

Press and hold  (reverse) or  (fast forward).

Random playback

- n **To play files from a particular folder in random order**


Press  (RAND).

- n **To play all of the files on a disc in random order**

Press and hold  (RAND) until you hear a beep.

Repeating a file or a folder


- n **Repeating a file**

Press  (RPT).

- n **Repeating a folder**

Press and hold  (RPT) until you hear a beep.

Switching the display

Press .

Each time the switch is pressed, the display changes in the order of Folder no./File no./Elapsed time→Folder name→File name→Album title (MP3 only)→Track title→Artist name.

▮ Display


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▮ Canceling random, repeat and scan playback

→P. 299

▮ Error messages

“ERROR”: This indicates a trouble either in the CD or inside the player. The CD may be dirty, damaged or inserted up-side down.

“WAIT”: Operation has stopped due to a high temperature inside the player. Wait for a while and then press . Contact your Toyota dealer if the CD still cannot be played.

“NO MUSIC”: This indicates that the MP3/WMA file is not included in the CD.

▮ Discs that can be used

Discs with the marks shown below can be used.

Playback may not be possible depending on recording format or disc features, or due to scratches, dirt or deterioration.



▮ CD player protection feature

→P. 299

▮ If CDs are left inside the CD player or in the ejected position for extended periods

→P. 299

▮ **Lens cleaners**

→P. 299

▮ **MP3 and WMA files**

MP3 (MPEG Audio LAYER3) is a standard audio compression format.

Files can be compressed to approximately 1/10 of their original size by using MP3 compression.

WMA (Windows Media™ Audio) is a Microsoft audio compression format.

This format compresses audio data to a size smaller than that of the MP3 format.

There is a limit to the MP3 and WMA file standards and to the media/formats recorded by them that can be used.

▮ MP3 file compatibility

- Compatible standards
MP3 (MPEG1 LAYER3, MPEG2 LSF LAYER3)
- Compatible sampling frequencies
MPEG1 LAYER3: 32, 44.1, 48 (kHz)
MPEG2 LSF LAYER3: 16, 22.05, 24 (kHz)
- Compatible bit rates
MPEG1 LAYER3: 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (kbps)
- MPEG2 LSF LAYER3: 64, 80, 96, 112, 128, 144, 160 (kbps)
* Compatible with VBR
- Compatible channel modes: stereo, joint stereo, dual channel and monaural

1 WMA file compatibility

- Compatible standards
WMA Ver. 7, 8, 9
- Compatible sampling frequencies
32, 44.1, 48 (kHz)
- Compatible bit rates (only compatible with 2-channel playback)
Ver. 7, 8: CBR 48, 64, 80, 96, 128, 160, 192 (kbps)
Ver. 9: CBR 48, 64, 80, 96, 128, 160, 192, 256, 320 (kbps)

1 Compatible media

Media that can be used for MP3 and WMA playback are CD-Rs and CD-RWs.

Playback in some instances may not be possible, depending on the status of the CD-R or CD-RW. Playback may not be possible or the audio may jump if the disc is scratched or marked with fingerprints.

1 Compatible disc formats

The following disc formats can be used.

- Disc formats: CD-ROM Mode 1 and Mode 2
CD-ROM XA Mode 2, Form 1 and Form 2
- File formats: ISO9660 Level 1, Level 2, (Romeo, Joliet)
MP3 and WMA files written in any format other than those listed above may not play correctly, and their file names and folder names may not be displayed correctly.

Items related to standards and limitations are as follows.

- Maximum directory hierarchy: 8 levels
- Maximum length of folder names/file names: 32 characters
- Maximum number of folders: 192 (including the root)
- Maximum number of files per disc: 255

I File names

The only files that can be recognized as MP3/WMA and played are those with the extension .mp3 or .wma.

I Multi-sessions

As the audio system is compatible with multi-sessions, it is possible to play discs that contain MP3 and WMA files. However, only the first session can be played.

I ID3 and WMA tags

ID3 tags can be added to MP3 files, making it possible to record the track title and artist name, etc.

The system is compatible with ID3 Ver. 1.0, 1.1, and Ver. 2.2, 2.3 ID3 tags. (The number of characters is based on ID3 Ver. 1.0 and 1.1.)

WMA tags can be added to WMA files, making it possible to record the track title and artist name in the same way as with ID3 tags.

I MP3 and WMA playback

When a disc containing MP3 or WMA files is inserted, all files on the disc are first checked. Once the file check is finished, the first MP3 or WMA file is played. To make the file check finish more quickly, we recommend you do not write in any files other than MP3 or WMA files or create any unnecessary folders.

If the discs contain a mixture of music data and MP3 or WMA format data, only music data can be played.

1 Extensions

If the file extensions .mp3 and .wma are used for files other than MP3 and WMA files, they will be mistakenly recognized and played as MP3 and WMA files. This may result in large amounts of interference and damage to the speakers.

1 Playback

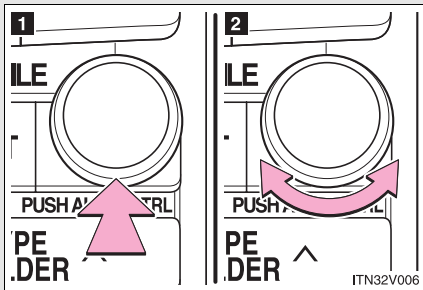
- To play MP3 file with steady sound quality, we recommend a fixed bit rate of 128 kbps and a sampling frequency of 44.1 kHz.
- CD-R or CD-RW playback may not be possible in some instances, depending on the characteristics of the disc.
- There is a wide variety of freeware and other encoding software for MP3 and WMA files on the market, and depending on the status of the encoding and the file format, poor sound quality or noise at the start of playback may result. In some cases, playback may not be possible at all.
- When files other than MP3 or WMA files are recorded on a disc, it may take more time to recognize the disc and in some cases, playback may not be possible at all.
- Microsoft, Windows, and Windows Media are the registered trademarks of Microsoft Corporation in the U.S. and other countries.



NOTICE

- n **CDs and adapters that cannot be used (→P. 300)**
- n **Player precautions (→P. 301)**

Optimal use of the audio system



1 Displays the current mode

2 Changes the following settings


- Sound quality and volume balance

The sound quality and balance setting can be changed to produce the best sound.

- Volume and tone quality level (Automatic Sound Levelizer)

Using the AUDIO CONTROL function

n Changing modes

Pressing  selects the mode to be change in the following order.

“BAS” → “MID” → “TRE” → “FAD” → “BAL” → “ASL”




n Adjusting sound quality


Turning  adjusts the level.

Sound quality mode	Mode displayed	Level	Turn to the left	Turn to the right
Low-pitched tones*	BAS	-5 to 5	Low	High
Mid-pitched tones*	MID	-5 to 5		
High pitched tones*	TRE	-5 to 5		
Front/rear volume balance	FAD	F7 to R7	Shifts to rear	Shifts to front
Left/right volume balance	BAL	L7 to R7	Shifts to left	Shifts to right

*: The sound quality level is adjusted individually in each radio or CD mode.

n Adjusting the Automatic Sound Levelizer (ASL)

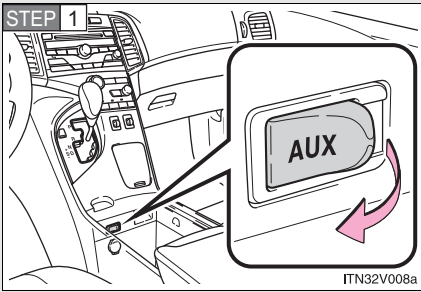
When “ASL” is selected, turning  to the right changes the ASL level in the order of “LOW”, “MID” and “HIGH”.

Turning  to the left turns off the ASL.

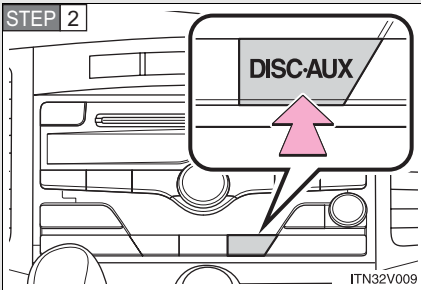
ASL automatically adjusts the volume and tone quality according to vehicle speed.

3-2. Using the audio system Using the AUX adapter

This adapter can be used to connect a portable audio device and listen to it using the vehicle's speakers.



Open the cover and connect the portable audio device.



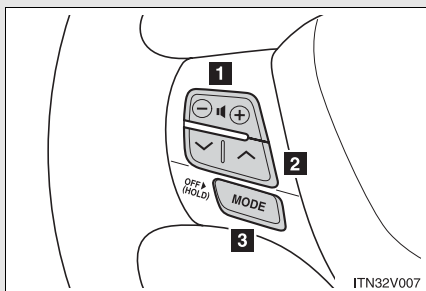
Press **DISC-AUX**.

▮ Operating portable audio devices connected to the audio system

The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.


Using the steering switches

Some audio features can be controlled using the switches on the steering wheel.




- 1 Volume
- 2 Radio: Select radio stations
CD: Select tracks, files, discs and folders
- 3 Power on, select audio source

Turning on the power

Press  when the audio system is turned off.

The audio system can be turned off by holding the switch down until you hear a beep.

Changing the audio source


Press  when the audio system is turned on. The audio source changes as follows each time the button is pressed. If a CD is not inserted, that mode will be skipped.

FM (1, 2) → CD player → RSE* → AUX → AM → SAT (1, 2, 3)

↑ _____ |


*: If equipped

Adjusting the volume

Press “+” on  to increase the volume and “-” to decrease the volume.

Hold down the button to continue increasing or decreasing the volume.


Selecting a radio station

STEP 1 Press  to select the radio mode.

STEP 2 Press “^” or “v” on  to select a preset station.


To scan for receivable stations, press and hold the switch until you hear a beep.


Selecting a track/file

STEP 1 Press  to select the CD mode.


STEP 2 Press “^” or “v” on  to select the desired track/file.


Selecting a folder

STEP 1 Press  to select the CD mode.

STEP 2 Press and hold “^” or “v” on  until you hear a beep.

Selecting a disc in the CD player (with a CD changer)

STEP 1 Press  to select the CD mode.

STEP 2 Press and hold “^” or “v” on  until you hear a beep.

CAUTION

n To reduce the risk of an accident

Exercise care when operating the audio switches on the steering wheel.