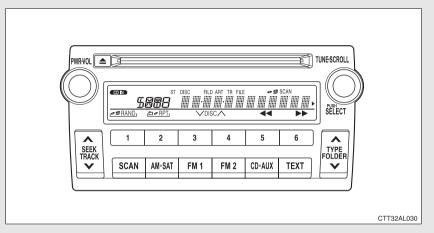
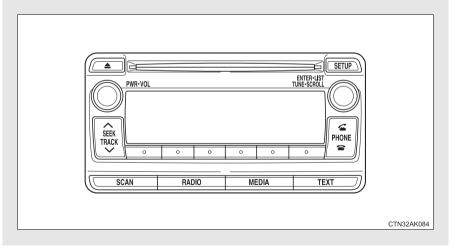
Audio system types

► Without Display Audio system

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



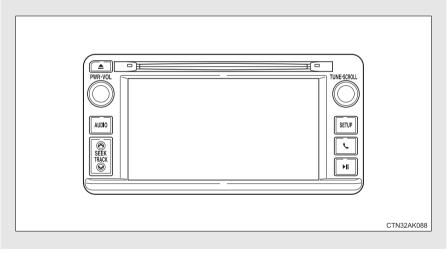
Type B: CD player and AM/FM radio



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Operating an iPod	P. 225
Operating a USB memory	P. 234
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Using the steering wheel audio switches	P. 248

► With Display Audio system

Owners of models equipped with a Display Audio system should refer to the "Display Audio System Owner's Manual".



■ 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.

■ About Bluetooth®

The Bluetooth wordmark and logo are owned by Bluetooth SIG. and permission has been granted to use the trademark of the licensee Panasonic Corporation. Other trademarks and trade names are owned by various different owners.

For vehicles sold in U.S.A. and Canada (type A)

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.

- Laser products
 - Do not take this unit apart or attempt to make any changes vourself. 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 ravs 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.



U.S.A. (type B)

FCC ID: ACJ932PTA184

FCC WARNING:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

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 expo-
- · The use of optical instruments with this product will increase eye hazard.

U.S.A. (with Display Audio system)

FCC ID: ACJ932CQ-US70G0

FCC WARNING:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

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 expo-
- · The use of optical instruments with this product will increase eye hazard.

Canada (type B and Display Audio system)

device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of this device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

A CAUTION

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée.

Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

⚠ NOTICE

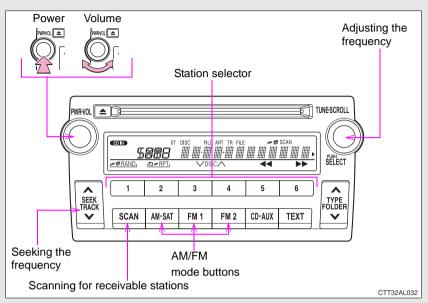
■To prevent battery discharge

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

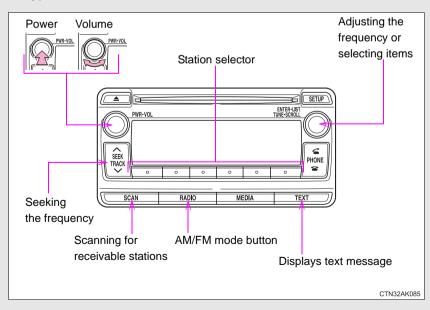
■ To avoid damaging the audio system

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

► Type A



► Type B



Setting station presets

▶ Type A

STEP 1 Search for desired stations by turning or pressing "^" or

Press and hold the button (from 1 to 6) the station is to be set to until you hear a beep.

► Type B

STEP 1 Search for desired stations by turning or pressing "^"

or "
$$\vee$$
" on $\widehat{\mathbb{Q}}_{\text{TRACK}}$.

STEP 2 Press and hold a button (from ____ to ___) until you hear a beep.

Scanning radio stations

■ Scanning the preset radio stations

Press and hold scan or until you hear a beep.

Preset stations will be played for 5 seconds each.

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

■ Scanning all radio stations within range

STEP 1 Press SCAN or SCAN .

All stations with reception will be played for 5 seconds each.

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

Switching the display

► Type A

Press TEXT.

Each time TEXT is pressed, the display changes in the following order:

Title (song/program title) → Name (artist name/feature)/Title (song/program title).

► Type B

Press TEXT .

If the text continues past the end of the display, " > " is displayed. Press

■ Reception sensitivity

- 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.
- The radio antenna is mounted on the rear roof. The antenna can be removed from the base by turning it.

Certifications for the radio tuner

This device complies with Part 15 of the FCC Rules and RSS-210 Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



CAUTION

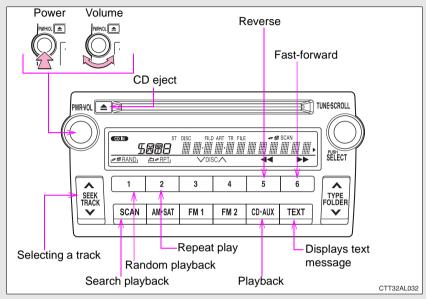
FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

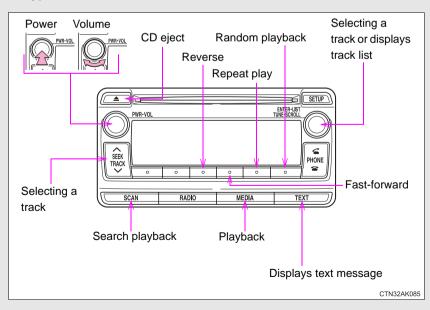
⚠ NOTICE

- To prevent damage, remove the antenna in the following cases.
 - The antenna will touch the ceiling of a garage.
 - A cover will be put on the roof.

► Type A



► Type B



Loading CDs Insert a CD. **Ejecting CDs** Press and remove the CD. Selecting a track ► Type A Press "\" to move up or "\" to move down using | seek | until the desired track number is displayed. ▶ Type B or press "^" to move up or "\" to move down using until the desired track number is displayed. Fast-forwarding and reversing tracks ► Type A Press [5] (reverse) or [6] (fast-forward).

To fast-forward or reverse, press \bigcirc (\blacktriangleleft) or \bigcirc (\blacktriangleright).

▶ Type B

Selecting a track from a track list (type B)

STEP 1 Press Press .

The track list will be displayed.

STEP 2 Turn and press to select a track.

To return to the previous display, press (BACK).

Scanning tracks

▶ Type A

STEP 1 Press SCAN.

The first ten seconds of each track will be played.

To cancel, press scan again.

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

▶ Type B

STEP 1 Press SCAN .

The first ten seconds of each track will be played.

STEP 2 Press again when the desired track is reached.

Selecting a CD (with a CD changer) (type A)

Press CD-AUX.

Repeat play
► Type A
■ Repeating a track
Press 2 (RPT).
To cancel, press the button once more (without a CD changer), or twice more (with a CD changer).
■ Repeating all of the tracks on a CD (with a CD changer)
Press and hold [2] (RPT) until you hear a beep.
To cancel, press the button again.
► Type B
Press (RPT).
To cancel, press the button once more.
Random playback
■ Current CD
► Type A
Press (RAND).
Songs are played in random order.
To cancel, press the button once more (without a CD changer), or twice more (with a CD changer).
► Type B
Press (RDM).
To cancel, press the button once more.
■ All CDs (with a CD changer) (type A)
Press and hold (RAND) until you hear a beep.
Tracks on all loaded CDs are played in a random order.
To cancel, press the button again.

Switching the display

▶ Type A

Press TEXT.

Each time TEXT is pressed, the display changes in the following order:

Track no./Elapsed time \rightarrow CD title \rightarrow Track name.

► Type B

Press TEXT.

Track title, Artist name and Disc title are shown on the display.

To return to the previous display, press _____ or ___ (BACK).

Display

Up to 12 characters can be displayed at a time.

If there are 13 characters or more, pressing and holding TEXT or

for 1 second or more will display the remaining characters.

A maximum of 24 (type A) or 64 (type B) characters can be displayed.

If ______ or _____ 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.

■ Error messages

"ERROR" (type B): This indicates a problem either in the CD or inside the player.

"CD CHECK" (type A): This indicates a problem either in the CD or inside the player. The CD may be dirty, damaged or inserted up-side down.

"CD CHECK" (type B): The CD may be dirty, damaged or inserted up-side down.

"WAIT" or "PLEASE WAIT": Operation has stopped due to a high temperature inside the player. Wait for a while and then

press or CO-AUX or Contact your Toyota dealer if the CD still cannot be played back.

■ Discs that can be used

Discs with the marks shown below can be used.

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









CDs with copy-protect features may not be used.

■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.

■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.

■ Lens cleaners

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

\triangle

NOTICE

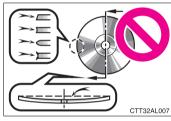
CDs and adapters that cannot be used

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

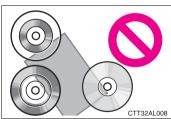
Doing so may damage the CD player and/or the CD insert/eject function.



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



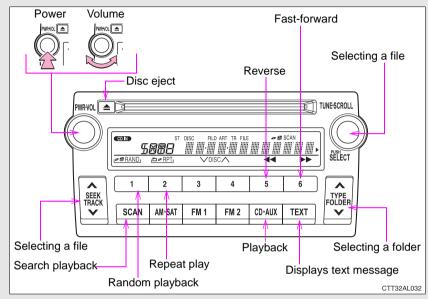
NOTICE

CD player precautions

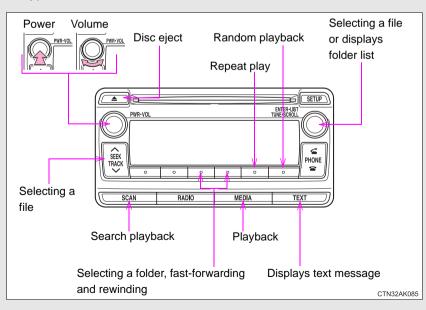
Failure to follow the precautions below may result in serious damage to the CDs or the player itself.

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

► Type A



▶ Type B



Loading and ejecting MP3 and WMA discs

→P. 208

Selecting MP3 and WMA discs (with a CD changer) (type A)

→P. 209

Selecting and scanning a folder

- ► Type A
- Selecting folders one at a time

Press " \wedge " or " \vee " on roughly to select the desired folder.

- Scanning the first file of all the folders
- Press and hold scan until you hear a beep.

 The first ten seconds of the first file in each folder will be played.

STEP 2 When the desired folder is reached, press scan again.

■ Returning to the first folder

- ► Type B
- Selecting folders one at a time

Press () or () to select the desired folder.

■ Selecting a folder and file from a folder list



The folder list will be displayed.

STEP 2 Turn and press to select a folder and a file.

To return to the previous display, press _____ (BACK).

■ Returning to the first folder

Press and hold () until you hear a beep.

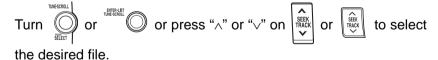
- Scanning a folder
- STEP 1 Press and hold until you hear a beep.

The first 10 seconds of the first file in the each folder will be played.

STEP 2 When the desired folder is reached, press again.

Selecting and scanning files

■ Selecting one file at a time



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

Press scan or scan.

When the desired file is reached, press SCAN or SCAN once again.

Fast-forwarding and reversing files		
	Fast-forwarding and reversing files	

→P. 208

Repeat play

■ Repeating a file (type A)

Press [2] (RPT).

To cancel, press the button once more (without a CD changer), or twice more (with a CD changer).

- Repeating all of the files in a folder
- ► Type A

Press and hold [2] (RPT) until you hear a beep.

To cancel, press the button again.

▶ Type B

Pressing \bigcirc (RPT) changes modes in the following order: File repeat \rightarrow Folder repeat* \rightarrow Off

*: Available except when RDM (random playback) is selected

Randor	m play	vback

▶ Type A

■ Playing files from a particular folder in random order

Press (RAND).

To cancel, press the button once more (without a CD changer), or twice more (with a CD changer).

■ Playing all of the files on a disc in random order

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

To cancel, press the button again.

▶ Type B

Pressing (RDM) changes modes in the following order:

Folder random → Disc random → Off

Switching the display

► Type A

Press TEXT.

Each time TEXT is pressed, the display changes in the following order:

Folder no./File no./Elapsed time \rightarrow Folder name \rightarrow File name \rightarrow Album title (MP3 only) \rightarrow Track title \rightarrow Artist name.

► Type B

Press TEXT .

Track title, Artist name and Album title (MP3 only) are shown on the display.

To return to the previous display, press _____ or ___ (BACK).

■ Display

→P. 211

■ Error messages

"CD CHECK": This indicates a problem either in the CD or inside the player.

The CD may be dirty, damaged or inserted up-side down.

"NO MUSIC" (type A): This indicates that MP3/WMA files are not included in the CD.

"WAIT" or "PLEASE WAIT" (type A): 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.

"ERROR" (type B): This indicates a problem either in the CD or inside the player.

"NO SUPPORT" (type B):This indicates that MP3/WMA files are not included in the CD.

■ Discs that can be used

→P. 212

■CD player protection feature

→P. 212

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

→P. 212

■ Lens cleaners

→P. 212

■ 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 that can be used and to the media/formats on which the files are recorded.

- 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 (compatible with VBR)
 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 channel modes: stereo, joint stereo, dual channel and monaural
- 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)

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.

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

File names

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

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.

ID3 and WMA tags

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

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.

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.

Playback

- To play MP3 files 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. 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.

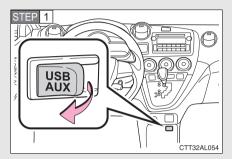
↑ NOTICE

- CDs that cannot be used (→P. 213)
- ■CD player precautions (→P. 214)

Operating an iPod*

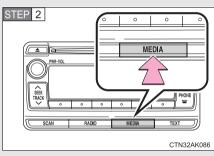
Connecting an iPod enables you to enjoy music from the vehicle speakers.

■ Connecting an iPod

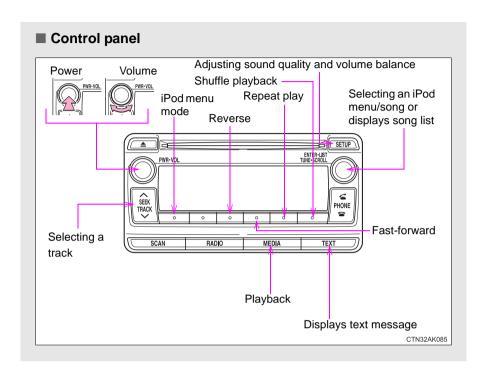


Open the cover and connect an iPod using an iPod cable.

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



Press MEDIA .



Selecting a play mode

STEP 1 Press (MENU) to select iPod menu mode.

Clockwise changes the play mode in the following order:

"Playlists"→"Artists"→"Albums"→"Songs"→"Podcasts"→"Genres" →"Composers"→"Audiobooks"

STEP 3 Press Press to select the desired play mode.

■ Play mode list

Play mode	First selection	Second selection	Third selection	Fourth selection
"Playlists"	Playlists select	Songs select	-	-
"Artists"	Artists select	Albums select	Songs select	-
"Albums"	Albums select	Songs select	-	-
"Songs"	Songs select	-	-	-
"Podcasts"	Podcasts select	Episodes select	-	-
"Genres"	Genre select	Artists select	Albums select	Songs select
"Composers"	Composers select	Albums select	Songs select	-
"Audiobooks"	Audiobooks select	Chapters select	-	-

■ Selecting a list

Turn to display the first selection list.

STEP 2 Press to select the desired item.

Pressing the knob changes to the second selection list.

Repeat the same procedure to select the desired item.

To return to the previous selection list, press (BACK).

Selecting songs

Selecting a song from the song list

STEP 1 Press BITER-UST TUNE-SCHOOL .

The song list will be displayed.

STEP 2 Turn BEFF-US to select a song.

STEP 3 Press to play the song.

To return to the previous display, press (BACK).

Fast-forwarding and reversing songs
To fast-forward or reverse, press □ (◄◄) or □ (▶▶).
Shuffle playback
Pressing $\ \ \ \ \ \ \ \ \ \ \ \ \ $
Repeat play
Press (RPT). To cancel, press (RPT) again.
Switching the display
Press To return to the previous display, press or (BACK).
Adjusting sound quality and volume balance
STEP 1 Press SETUP to enter iPod menu mode.

STEP 2 Press \bigcirc to change sound modes. (\rightarrow P. 242)

■ About iPod



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

■iPod functions

- When an iPod is connected and the audio source is changed to iPod mode, the iPod will resume play from the same point in which it was last used.
- Depending on the iPod that is connected to the system, certain functions may not be available. If a function is unavailable due to a malfunction (as opposed to a system specification), disconnecting the device and reconnecting it once again may resolve the problem.
- While connected to the system, the iPod cannot be operated with its own controls. It is necessary to use the controls of the vehicle's audio system instead.

■iPod problems

To resolve most problems encountered when using your iPod, disconnect your iPod from the vehicle iPod connection and reset it.

For instructions on how to reset your iPod, refer to your iPod Owner's Man-

■ Display

→P. 211

■ Error messages

"iPod ERROR": This indicates that the data in the iPod cannot be read.

"ERROR 3": This indicates that the iPod may be malfunctioning.

"ERROR 4": This indicates that an overcurrent error has occurred.

"ERROR 5": This indicates that an iPod communication error has

occurred.

"ERROR 6": This indicates that an authentication error has occurred.

"NO SONGS": This indicates that there is no music data in the iPod.

"NO PLAYLIST": This indicates that some available songs are not found in

a selected playlist.

"UPDATE YOUR iPOD": This indicates that the version of the iPod is not compatible. Upgrade your iPod software to the lat-

- - t - - - - - - - - -

est version.

■ Compatible models

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

- Made for
 - iPod touch (4th generation)
 - iPod touch (3rd generation)
 - iPod touch (2nd generation)
 - iPod touch (1st generation)
 - iPod classic
 - · iPod with video
 - iPod nano (6th generation)
 - iPod nano (5th generation)
 - iPod nano (4th generation)
 - iPod nano (3rd generation)
 - iPod nano (2nd generation)
 - iPod nano (1st generation)
 - iPhone 4
 - iPhone 3GS
 - iPhone 3G
 - iPhone

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

Items related to standards and limitations are as follows:

- Maximum number of lists in device: 9999
- Maximum number of songs in device: 65535
- Maximum number of songs per list: 65535



CAUTION

Caution while driving

Do not connect the iPod or operate the controls.

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NOTICE

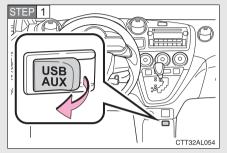
■To prevent damage to iPod

- Do not leave the iPod in the vehicle. The temperature inside may become high, resulting in damage to the player.
- Do not push down on or apply unnecessary pressure to the iPod while it is connected as this may damage the iPod or its terminal.
- Do not insert foreign objects into the port as this may damage the iPod or its terminal.

Operating a USB memory*

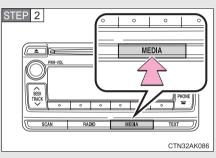
Connecting a USB memory enables you to enjoy music from the vehicle speakers.

■ Connecting a USB memory

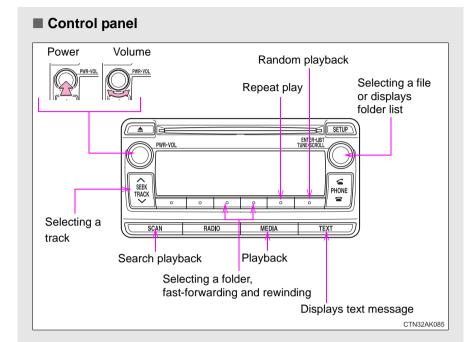


Open the cover and connect a USB memory.

Turn on the power of the USB memory if it is not turned on.



Press MEDIA .



Selecting a folder Selecting folders one at a time To select the desired folder, press () or () o. ■ Selecting a folder and file from a folder list STEP 1 Press TUNE-SCROLL . The folder list will be displayed. Turn and press to select a folder and a file. To return to the previous display, press (BACK). ■ Returning to the first folder Press and hold (() until you hear a beep. Scanning a folder STEP 1 Press and hold until you hear a beep. The first 10 seconds of the first file in the each folder will be played. STEP 2 When the desired folder is reached, press scan again. Selecting files

Turn $^{\text{\tiny TORTHING}}$, or press " \wedge " or " \vee " on $^{\text{\tiny SSEK}}$ to select the desired file.

Scanning files

STEP 1 Press SCAN .

The first 10 seconds of all files in the folder will be played.

STEP 2 When the desired file is reached, press scan again.

Fast-forwarding and reversing files

→P. 229

Random playback

Pressing (RDM) changes modes in the following order:

Folder random → Disc random → Off

Repeat play

 $File\ repeat \to Folder\ repeat^* \to Off$

*: Available except when RDM (random playback) is selected

Switching the display

Press TEXT .

Track title, Artist name and Album title (MP3 only) are shown on the display.

To return to the previous display, press _____ or ___ (BACK).

■USB memory functions

- Depending on the USB memory that is connected to the system, the device itself may not be operable and certain functions may not be available. If the device is inoperable or a function is unavailable due to a malfunction (as opposed to a system specification), disconnecting the device and reconnecting it once again may resolve the problem.
- If the USB memory still does not begin operation after being disconnected and reconnected, format the memory.

■ Display

→P. 212

■ Error messages

"ERROR": This indicates a problem in the USB memory or its connection.

"NO MUSIC": This indicates that no MP3/WMA files are included in the USB memory.

■USB memory

Compatible device

USB memory that can be used for MP3 and WMA playback.

Compatible device formats

The following device formats can be used:

- USB communication formats: USB2.0 FS (12 mbps)
- File formats: FAT16/32 (Windows)
- Correspondence class: Mass storage class

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 number of folder in device: 999 (including the root)
- Maximum number of files in device: 9999
- Maximum number of files per folder: 255

MP3 and WMA files

MP3 (MPEG Audio LAYER 3) is a standard audio compression format.

Files can be compressed to approximately 1/10 of their original size 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 that can be used and to the media/formats on which the files are recorded.

MP3 file compatibility

- Compatible standards MP3 (MPEG1 AUDIO LAYERII, III, MPEG2 AUDIO LAYERII, III, MPEG2.5)
- · Compatible sampling frequencies MPEG1 AUDIO LAYERII, III: 32, 44.1, 48 (kHz)

MPEG2 AUDIO LAYERII, III: 16, 22.05, 24 (kHz)

MPEG2.5: 8, 11.025, 12 (kHz)

Compatible bit rates (compatible with VBR)

MPEG1 AUDIO LAYERII, III: 32-320 (kbps)

MPEG2 AUDIO LAYERII, III: 32-160 (kbps)

MPEG2.5: 32-160 (kbps)

- · Compatible channel modes: stereo, joint stereo, dual channel and monaural
- WMA file compatibility
 - Compatible standards WMA Ver. 7,8,9
 - Compatible sampling frequencies HIGH PROFILE 32, 44.1, 48 (kHz)
 - Compatible bit rates HIGH PROFILE 32-320 (kbps, VBR)
- File names

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

ID3 and WMA tags

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

The system is compatible with ID3 Ver. 1.0, 1.1, and Ver. 2.2, 2.3, 2.4 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.

MP3 and WMA playback

When a device containing MP3 or WMA files is plugged in, all files in the USB memory device 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.

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.

Playback

- To play MP3 files with steady sound quality, we recommend a fixed bit rate of at least 128 kbps and a sampling frequency of 44.1 kHz.
- 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
- · Microsoft, Windows, and Windows Media are the registered trademarks of Microsoft Corporation in the U.S.A. and other countries.



A CAUTION

Caution while driving

Do not use a USB memory, or connect a USB memory.

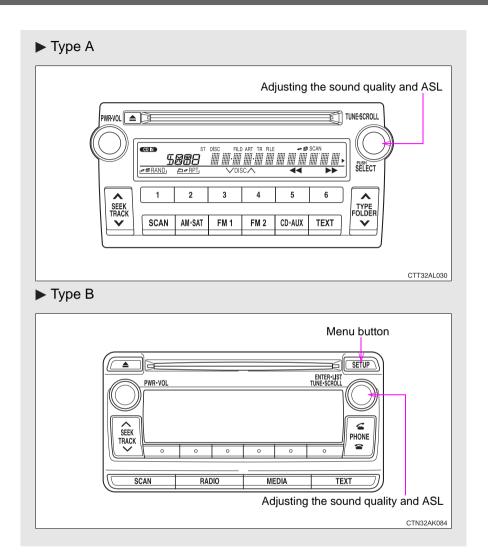
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NOTICE

■ To prevent damage to a USB memory

- Do not leave a USB memory in the vehicle. The temperature inside may become high, resulting in damage to the player.
- Do not push down on or apply unnecessary pressure to the USB memory while it is connected as this may damage the USB memory or its terminal.
- Do not insert foreign objects into the port as this may damage the USB memory or its terminal.

Optimal use of the audio system



Using the audio control function

- Changing sound quality modes
- ► Type A

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

"BAS"→"TRE"→"FAD"→"BAL"→"ASL"

- ▶ Type B
- STEP 1 Press SETUP .

STEP 2 Turn to select "Sound Setting".

STEP 3 Press TWE-SCHOOL

STEP 4 Turn to select the desired mode.

"BASS", "TREBLE", "FADER", "BALANCE", or "ASL"

STEP 5 Press ENTER-SEROL .

■ Adjusting sound quality

Turning or THE SOUL adjusts the level.

► Type A

Mode displayed	Sound qual- ity mode	Level	Turn to the left	Turn to the right
"BAS"	Bass*	-5 to 5	Low	High
"TRE"	Treble*	-5 to 5		
"FAD"	Front/rear volume balance	R7 to F7	Shifts to rear	Shifts to front
"BAL"	Left/right volume balance	L7 to R7	Shifts to left	Shifts to right

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

▶ Type B

Mode displayed	Sound qual- ity mode	Level	Turn to the left	Turn to the right
"BASS"	Bass*	-5 to 5	Low	High
"TREBLE"	Treble*	-5 to 5		
"FADER"	Front/rear volume balance	F7 to R7	Shifts to rear	Shifts to front
"BALANCE"	Left/right volume balance	L7 to R7	Shifts to left	Shifts to right

^{*:} The sound quality level is adjusted individually in each audio mode.

■ Adjusting the Automatic Sound Levelizer (ASL)

When "ASL" is selected, turning or or to the right changes the amount of "ASL" in the order of "LOW", "MID" and "HIGH".

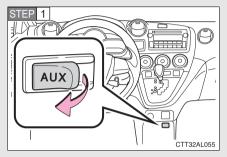
Turning or Turning to the left turns "ASL" off.

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

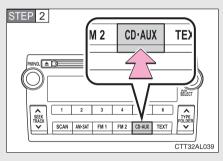
Using the AUX port

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

► Type A

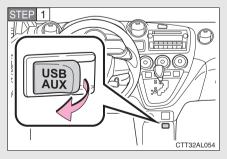


Open the cover and connect the portable audio device.

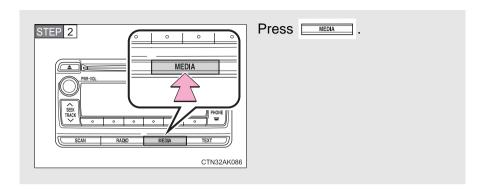


Press CD-AUX.

▶ Type B



Open the cover and connect the portable audio device.

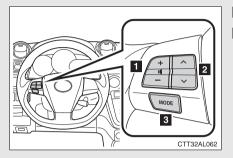


- Operating portable audio devices connected to the audio system
 - The volume can be adjusted using the vehicle's audio controls. All other adjustments must be made on the portable audio device itself.
- When using a portable audio device connected to the power outlet

 Noise may occur during playback. Use the power source of the portable audio device.

Using the steering wheel audio switches

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



- 1 Volume
- 2 Radio mode: Selects radio stations

CD mode: Selects tracks, files (MP3 and WMA) and discs

iPod mode: Selects songs

USB memory mode:
Selects files and folders

Bluetooth[®] audio mode:

Selects tracks and albums

Turns the power on, selects audio source

Turning on the power

Press when the audio system is turned off.

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

Changing the audio source

Press when the audio system is turned on. The audio source changes each time is pressed. If a mode cannot be used, it will be skipped.

Adjusting the volume

Press "+" on to increase the volume and "-" to decrease the volume.

Press and hold to continue increasing or decreasing the volume.

Selecting a radio station

STEP 1 Press to select the radio mode.

STEP 2 Press to select a preset station.

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

Selecting a track/file or song

Press to select CD, iPod, USB memory or Bluetooth® audio mode.

Selecting a folder or album

Press to select CD, USB memory or Bluetooth® audio mode.

STEP 2 Press and hold "^" or "\" on in until you hear a beep.

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

STEP 1 Press to select CD mode.

STEP 2 Press and hold "\\" or "\\" on \(\bigcirc\" \) until you hear a beep.

A CAUTION

To reduce the risk of an accident

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