SECTION **6**

AUDIO SYSTEM

Quick reference

Operations such as selecting a preset station and adjusting the sound balance are carried out on the touch screen. To display the audio screen, push the **"AUDIO"** button.

U6001PNI

1 **Function menu display screen**
To control the radio, CD changer, Bluetooth® audio player or AUX, touch the touch–screen buttons. For details, see page 145.

2 **Function menu tab**
To control the radio, CD changer, Bluetooth® audio player or AUX, touch the touch–screen tabs. For details, see page 145.

3 **"TUNE FILE" knob**
Turn this knob to move the station band and files up or down. For details, see pages 151, 156 and 169.

4 **"SEEK/TRACK" button**
Push "∧" or "∨" button to seek up or down for a station, or to access a desired track, file. For details, see pages 152, 157, 165, 169 and 179.

5 **"AUDIO" button**
Push this button to display the audio control screen. For details, see page 145.

6 **"AUX" button**
Push this button to turn the Bluetooth® audio player or AUX on. For details, see pages 145, 150 and 178.

7 **"CD" button**
Push this button to turn the CD changer on. For details, see pages 145 and 164.

8 **"SAT" button**
Push this button to choose an SAT station. For details, see pages 145 and 156.

9 **"FM" button**
Push this button to choose an FM station. Each time this button is pushed, the mode switches between FM1 and FM2. For details, see pages 145 and 150.

10 **"AM" button**
Push this button to choose an AM station. For details, see pages 145 and 150.

11 **"▲·CLOSE" button**
Push this button to display the "Load·Eject" screen or close the display. For details, see page 161.

12 **"PWR VOL" knob**
Push this knob to turn the audio system on and off, and turn it to adjust the volume. For details, see page 145.

Using your audio system — — Some basics

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

Your audio system works when the "POWER" switch is turned to ACCESSORY or ON mode.

⚠ CAUTION

For vehicles sold in U.S.A. and Canada:

● **Part 15 of the FCC Rules**

FCC Warning:
Changes or modifications in construction not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Radio frequency exposure. This device is approved for Mobile Application only and, to comply with applicable FCC radio frequency exposure regulations, must be used with a distance of at least 7.9 in. (20 cm) between the antenna and the body of any person at all time during use.
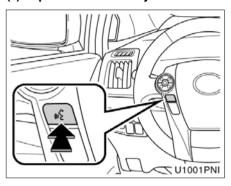

● **Laser products**

  ● **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

To prevent the 12 volt battery from being discharged, do not leave the audio system on longer than necessary when the hybrid system is not operating.
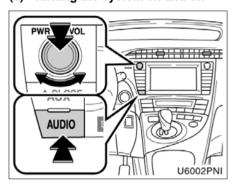

(a) Speech command system

U1001PNI

By pushing the switch above, you can operate the speech command system.

For the operation of the speech command system and the list of commands, see pages 44 and 47.
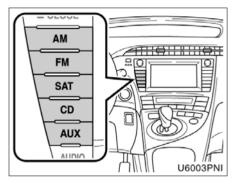
(b) Turning the system on and off

U6002PNI

"AUDIO": Push this button to display touch−screen buttons for audio system (audio control mode).
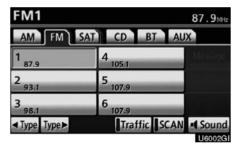
"PWR VOL": Push this knob to turn the audio system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

You can select the function that enables automatic return to the previous screen from the audio screen. See page 236 for details.

(c) Switching between functions

U6003PNI

Push the "AM", "FM", "SAT", "CD" or "AUX" button to turn on the desired mode.
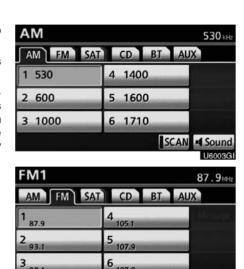

U6002GI

Push the "AUDIO" button and touch the "AM", "FM", "SAT", "CD", "BT" or "AUX" tab to turn on the desired mode.

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Push these buttons or tabs if you want to switch from one mode to another.

If the disc is not set, the CD changer does not turn on.

You can turn off the CD changer by ejecting all the discs. If the audio system was previously off, then the entire audio system will be turned off when you eject all the discs. If the other function was previously playing, it will come on again.

U6007GI

U6008GI

The touch−screen buttons for radio, CD changer, Bluetooth® audio player and AUX operation are displayed on the function touch−screen button display screen when the audio control mode is selected. Touch them lightly and directly on the screen.

Touch the tab to select the desired mode when the audio control mode is selected.
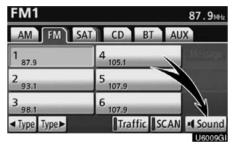
The selected switch is highlighted.

INFORMATION

- *If the system does not respond to a touch of a touch−screen button, move your finger away from the screen and then touch it again.*
- *You cannot operate dimmed touch−screen buttons.*
- *Wipe off fingerprints using a glass cleaning cloth. Do not use chemical cleaners to clean the touch screen.*
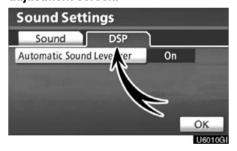

(d) Automatic sound levelizer (ASL)

When the audio sound becomes difficult to hear due to road noise, wind noise or other noises while driving, select **"On"**. The system adjusts to the optimum volume and tone quality according to the speed of car.

1. Push the "AUDIO" button.

2. Touch "Sound" to display the sound adjustment screen.

3. Touch "DSP" tab to display this screen.

4. Touch "Automatic sound levelizer".

5. Touch "On" or "Off".

6. Touch "OK".

(e) Tone and balance

Tone

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

Balance

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

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

1. **Touch "Sound" tab to display this screen.**

2. **Touch the desired button.**

"Treble" "+" or "−": Adjust high−pitched tones.

"Mid" "+" or "−": Adjust mid−pitched tones.

"Bass" "+" or "−": Adjusts low−pitched tones.

"Front" or "Rear": Adjusts sound balance between the front and rear speakers.

"L" or "R": Adjusts sound balance between the left and right speakers.

3. **Touch "OK".**

The tone of each mode (for such as AM, FM and CD changer) can be adjusted.

(f)   Your CD changer

When you insert a disc, insert it with the label side up. This CD changer can store up to four discs. The changer will play from track 1 through to the end of the disc. Then it will play from track 1 of the next disc.

The changer is intended for use with 4.7 in. (12 cm) discs only.
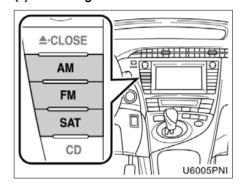

NOTICE

● *Do not stack up two discs for insertion, or it will cause damage to the changer. Insert only one disc into the slot at a time.*

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

— Radio operation

(g) AUX adapter

The sound of portable audio players connected to the AUX adapter can be enjoyed. Push the **"AUX"** button or push the **"AUDIO"** button to display audio screen and touch the **"AUX"** tab to switch to AUX mode. When the portable audio player is not connected to the AUX adapter, the tab will tone down. For details, refer to the "Owner's Manual".

(a) Listening to the radio

U6005PNI

Push the "AM" or "FM" buttons or push the "AUDIO" button to display audio screen and touch the "AM" or "FM" tabs to choose either an AM or FM station.

"AM", "FM1" or "FM2" appears on the screen.

When you push the **"SAT"** button or touch the **"SAT"** tab on AUDIO screen, "SAT1", "SAT2", "SAT3" station appears on the screen. For details about satellite radio broadcast, see "—Radio operation (XM® Satellite Radio broadcast)" on page 155.

Turn the knob clockwise to step up the station band or counterclockwise to step down.

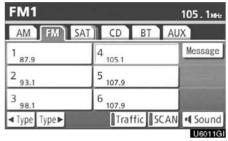Your radio automatically changes to stereo reception when a stereo broadcast is received. "ST" appears on the screen. If the signal becomes weak, the radio reduces the amount of channel separation to prevent the weak signal from creating noise. If the signal becomes extremely weak, the radio switches from stereo to mono reception. In this case, "ST" disappears from the screen.

(b) Presetting a station

1. Tune in the desired station.

2. Touch one of the touch−screen buttons (1 — 6) you want and hold it until a beep is heard. This sets the station to the touch−screen button and the frequency appears on the touch−screen button.

Each radio mode (AM, FM1 or FM2) can store up to 6 stations. To change the preset station to a different one, follow the same procedure.

The preset station memory is cancelled when the power source is interrupted by the 12 volt battery disconnection or a blown fuse.

(c) Selecting a station

Tune in the desired station using one of the following methods.

Preset tuning: Touch the touch–screen button (1 — 6) for the station you want. The touch–screen button is highlighted and the station frequency appears on the screen.

Seek tuning: Push the "∧" or "∨" button of **"SEEK/TRACK"**. The radio will begin seeking up or down for a station of the nearest frequency and will stop on reception. Each time you push the button, the stations will be searched automatically one after another.

To scan all the frequencies: Touch **"SCAN"** on the screen briefly. "SCAN" appears on the screen. The radio will find the next station and stay there for a few seconds, and then scan again. To select a station, touch **"SCAN"** again.
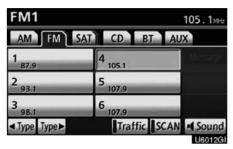
To scan the preset stations: Touch **"SCAN"** on the screen for longer than a second. "P. SCAN" appears on the screen. The radio will tune in the next preset station, stay there for a few seconds, and then move to the next preset station. To select a station, touch **"SCAN"** again.

(d) Radio Data System

Your audio system is equipped with Radio Data Systems (RDS). RDS mode provides you to receive text messages from radio stations that utilize RDS transmitters.

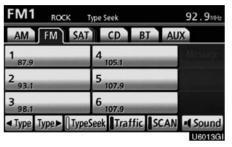When RDS is on, the radio can
— only select stations of a particular program type,
— display messages from radio stations,
— search for a stronger signal station.

RDS features are available for use only on FM stations which broadcast RDS information.

"Type ◀ ▶"

Each time you touch "◀ **Type** " or "**Type ▶**", the program type changes as in the following:

- ROCK
- MISC (Miscellaneous)
- INFORM (Information)
- EASY LIS (Easy listening)
- CLS/JAZZ (Classical music and Jazz)
- R & B (Rhythm and Blues)
- RELIGION
- ALART (Emergency message)

"TypeSeek"

When a program is set, "Type Seek" appears. Touch the switch and the system starts to seek the station in the relevant program type.

If any type program station is not found, "Nothing" appears on the display.

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U6014GI

"Message"

If the system receives a radio text from RDS station, "MSG" appears on the display. Touch **"Message"**, and a text message is displayed on the screen. This function is available only when the vehicle is not moving.

When you touch **"Message Off"**, the display returns.

(e) Traffic announcement

U6015GI

"Traffic"

A station that regularly broadcasts traffic information is automatically located.

When you touch **"Traffic"**, "Traf. Seek" appears on the display and the radio will start seeking any traffic program station.

If no traffic program station is found, "Nothing" appears on the display.

If a traffic program station is found, the name for traffic program station is displayed for a while until a traffic announcement is received.

—Radio operation (XM® Satellite Radio broadcast)

To listen to a satellite radio broadcast in your vehicle, a subscription to the XM® Satellite Radio service is necessary.

(a) How to subscribe to an 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 U.S. states and some Canadian provinces.

How to subscribe:

You must enter into a separate service agreement with the XM® Satellite Radio in order to receive satellite broadcast programming in the vehicle. Additional activation and service subscription fees apply that are not included in the purchase price of the vehicle and optional digital satellite tuner.

For complete information on subscription rates and terms, or to subscribe to the XM® Satellite Radio.

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.

The XM® Satellite Radio is solely responsible for the quality, availability and content of the satellite radio services provided, which are subject to the terms and conditions of the XM® Satellite Radio customer service agreement.

Customers should have their radio ID ready; the radio ID can be found by tuning to "channel 000" on the radio. For details, see "(b) Displaying the radio ID" below.

All fees and programming are the responsibility of the XM® Satellite Radio and are subject to change.

Satellite tuner technology notice:
Toyota's satellite radio tuners are awarded Type Approval Certificates from XM® Satellite Radio Inc. as proof of compatibility with the services offered by the XM® Satellite Radio.

(b) Displaying the radio ID

Each XM® tuner is identified with a unique radio ID. You will need the radio ID when activating XM® service or when reporting a problem.

If you select the "CH 000" using the **"TUNE FILE"** knob, the ID code of 8 alphanumeric characters appears. If you select another channel, display of the ID code is canceled. The channel(000) alternates the display between the radio ID and the specific radio ID code.

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(c) Listening to satellite radio

U6007PNI

Push the "SAT" button or push the "AU-DIO" button to display audio screen and touch the "SAT" tab to choose a SAT channel.

"SAT1", "SAT2" or "SAT3" appears on the screen.

U6006PNI

Turn this knob to select the next or previous channel.

If you turn continuously, you can rapidly scroll forward or down through the channels.

(d) Channel category

U6016GI

Touch either "◀ **Type**" or "**Type** ▶" to go to the next or previous category.

(e) Presetting a channel

1. Tune in the desired channel.

2. Touch one of the channel selector buttons (1 — 6) and hold it until a beep is heard.

This sets the channels to the touch–screen button and the name and number of the channel appears on the touch–screen button.

Each touch–screen button can store three SAT channels. To change the preset channel to a different one, follow the same procedure.

The preset channel memory is cancelled when the power source is interrupted by the 12 volt battery disconnection or a blown fuse.

(f) Selecting a channel

Tune in the desired channel using one of the following methods.

Preset tuning: Touch the channel selector button (1 — 6) for the channel you want. The button (1 — 6) is highlighted and channel number appears on the display.

To select channel within the current category: Push the "∧" or "∨" button of **"SEEK/TRACK"**. The radio will step up or down the channel within the current channel category. Touch **"TypeSeek"**. The radio will step up the channel within the current channel category.

To scan the currently selected channel category: Touch **"SCAN"** briefly. "SCAN" appears on the display. The radio will find the next channel in the same channel category, stay there for a few seconds, and then scan again. To select a channel, touch **"SCAN"** a second time.

To scan the preset channels: Touch **"SCAN"** and hold it until you hear a beep. "P.SCAN" appears on the display. The radio will find the next preset channel, stay there for a few seconds, and then move to the next preset channel. To select a channel, touch **"SCAN"** a second time.

(g) Displaying the title and name

When you touch **"Text"**, the song/program title and the artist name/feature are displayed.

Up to 16 alphanumeric characters can be displayed. (Some information will not be fully displayed.)

When you touch **"Text"** again, the display returns.

(h) If the satellite radio tuner malfunctions

When problems occur with the XM® tuner, a message will appear on the display. Referring to the table below to identify the problem, take the suggested corrective action.

ANTENNA	The XM® antenna is not connected. Check whether the XM® antenna cable is attached securely.
	A short circuit occurs in the antenna or the surrounding antenna cable. See a Toyota certified dealer for assistance.
UPDATING	You have not subscribed to the XM® Satellite Radio. The radio is being updated with the latest encryption code. Contact the XM® Satellite Radio for subscription information. When a contract is canceled, you can choose the "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 the 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).

NOTICE

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 one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Information to user

Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.
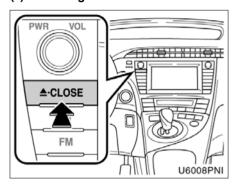
INFORMATION

This XM® tuner supports "Audio Services" (Music and Talk) of only XM® Satellite Radio and "Text Information"* linked to the respective "Audio Services".

*:Text Information includes, Station Name, (Artist) Name, (Song) Title and Category Name.

— CD changer operation
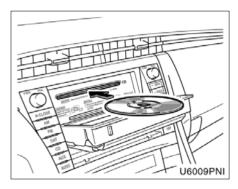
(a) Inserting discs

U6008PNI

The "POWER" switch must be in ACCESSORY or ON mode.

Your CD changer can store up to 4 discs.

You can set a disc at the lowest empty disc number.

1. Push the "▲·CLOSE" button. The "Load·Eject" screen appears.

U6066GS

2. Touch "Load". The display opens.

U6009PNI

3. The amber indicators at either side of the slot start blinking. When the indicators change to green, insert only one disc. After the disc is loaded, the amber indicators at either side of the slot start blinking again. When the indicators change to green, you can insert the next disc.

4. Push the "▲·CLOSE" button to close the display.

The changer will automatically start playing from the last disc you inserted.

If the label faces down, the disc cannot be played. In this case, "Check CD" appears on the screen.

⚠ CAUTION

- **Do not place anything on the opened display, as such items may be thrown about and possibly injure people in the vehicle during sudden braking or in an accident.**

- **To reduce the chance of injury in case of an accident or sudden stop while driving, keep the display closed.**

- **Take care not to jam your hand while the display is moving. Otherwise, you could be injured.**
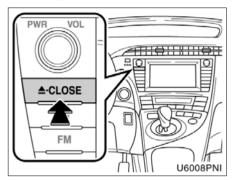

NOTICE

- *Do not obstruct the display while it is moving. It could damage your audio system.*

- *Do not insert one disc stacked on top of another one or feed them in continuously, to prevent discs from getting stuck in the changer.*

INFORMATION

Under extremely cold conditions, the display may react slowly or operation sound may become louder.

(b) Ejecting discs

● **A single disc alone:**

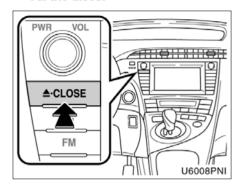U6008PNI

1. Push the "▲·CLOSE" button. The "Load·Eject" screen appears.

U6019GS

2. Touch the disc number to be ejected.

The display opens and the amber indicators at either side of the slot start blinking. After the disc is ejected, the amber indicators change to green. A disc can be inserted.

● **All the discs:**

U6008PNI

1. Push the "⏏·CLOSE" button. The "Load·Eject" screen appears.

U6020GS

2. Touch "Eject All".

The display opens and the amber indicators at either side of the slot start blinking. After the disc is ejected, the blinking indicators stay on.

3. Remove the disc.

The indicators start blinking again and the next disc is ejected.

If a disc is not removed within 15 seconds after it is ejected, the operation will be canceled.

When all the discs are removed, the amber indicators change to green. A disc can be inserted.
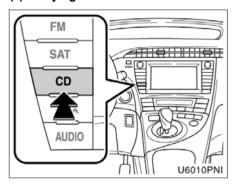

U6018GS

The numbers of the trays where the disc is not set are dimmed.

NOTICE

If a disc cannot be ejected, do not forcibly take out the disc. Keep pushing the "⏏·CLOSE" button for approximately 5 seconds and release it. At this time, the audio disc and the map DVD−ROM will be ejected.

(c) Playing a disc

U6010PNI

Push the "CD" button or push the "AU-DIO" button to display audio screen and touch the "CD" tab if the discs are already loaded in the changer.

The discs set in the changer are played continuously, starting with the last disc you inserted. The disc number of the disc currently being played, the track number and the time from the beginning of the program appear on the screen.

When play of one disc ends, the first track of the following disc starts. When play of the final disc ends, play of the first disc starts again.

The changer will skip any empty disc trays.

(d) Selecting a desired disc

U6021GS

Touch "Change Discs" on "CD" screen and touch the desired disc number on the screen.
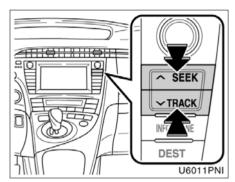
The selected disc number is highlighted.

The changer will start playing the selected disc from the first track.

(e) Playing an audio disc

Push the "AUDIO" button and touch the
"CD" tab, then touch the "Change
Discs". Choose an audio disc number
to display this screen.

SELECTING A DESIRED TRACK

"SEEK/TRACK" button: Use for direct
access to a desired track.

Push the "∧" or "∨" button of
"SEEK/TRACK" and repeat it until the de-
sired track number appears on the screen.
As you release the button, the changer will
start playing the selected track from the
beginning.

"Select" for Track: The desired track can
be selected from a list. This function is
available only when the vehicle is not mov-
ing.

Touch "Select". The track list is displayed.

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Touch the desired track number. The changer will start playing the selected track from the beginning.

▲ : By touching this touch−screen button, the list moves up by 5 track groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

▼ : By touching this touch−screen button, the list moves down by 5 track groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

▶, ◀: If ▶ appears to the right of the item name, the complete name is too long for the display.

Touch ▶ to scroll to the end of the name. Touch ◀ to scroll the beginning of the name.

Fast forward: Push the "∧" button of **"SEEK/TRACK"** and hold it to fast forward the disc. When you release the button, the changer will resume playing from that position.

Reverse: Push the "∨" button of **"SEEK/TRACK"** and hold it to reverse the disc. When you release the button, the changer will resume playing.

SEARCHING FOR A DESIRED TRACK OR DISC

Searching for a desired track —

Touch "SCAN" on the screen briefly while the disc is playing.

"SCAN" appears on the screen. The changer will play the next track for 10 seconds, then scan again. To select a track, touch **"SCAN"** on the screen a second time. If the changer reaches the end of the disc, it will continue scanning at track 1.
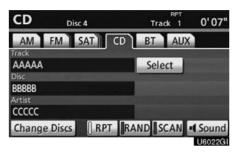
After all the tracks are scanned in one pass, normal play resumes.

Searching for a desired disc —

Touch "SCAN" on the screen for longer than a second while the disc is playing.

"D.SCAN" appears on the screen. The program at the beginning of each audio disc will be played for 10 seconds. To continue listening to the program of your choice, touch **"SCAN"** on the screen a second time.

After all the audio discs are scanned in one pass, normal play resumes.

OTHER FUNCTIONS

"RPT": Use it for automatic repeat of the track or disc you are currently listening to.

Repeating a track —

Touch **"RPT"** briefly while the track is playing. "RPT" appears on the screen. When the track is finished, the changer will automatically go back to the beginning of the track and play the track again. To cancel it, touch **"RPT"** once again.

Repeating a disc —

Touch **"RPT"** for longer than a second while the disc is playing. "D.RPT" appears on the screen. When the disc is finished, the changer will automatically go back to the beginning of the disc and play the disc again. To cancel it, touch **"RPT"** once again.

"RAND": Use it for automatic and random selection.

Playing the tracks on one disc in random order —

Touch **"RAND"** briefly while the disc is playing. "RAND" appears on the screen. The system selects a track on the disc being listened to in random order. To cancel it, touch **"RAND"** once again.

Playing the tracks on all the audio discs in random order —

Touch **"RAND"** for longer than a second while the disc is playing. "D.RAND" appears on the screen. The system selects a track on all the audio discs in the changer in random order. To cancel it, touch **"RAND"** once again.

If a CD−TEXT disc is inserted, the title of the disc and track will be displayed. Up to 29 letters can be displayed.

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(f) Playing a MP3/WMA disc

Push the "AUDIO" button and touch the "CD" tab, then touch the "Change Discs". Choose an MP3/WMA disc number to display this screen.
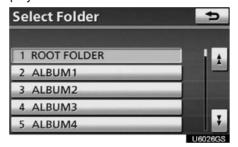
SELECTING A DESIRED FOLDER

"Folder▲": Touch this touch−screen button to go to the next folder.

"Folder▼": Touch this touch−screen button to go to the previous folder.

"Select" for Folder: The desired folder can be selected in a list. This function is available only when the vehicle is not moving.

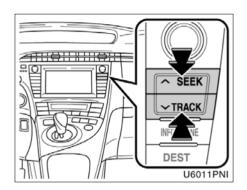Touch **"Select"**. The folder list is displayed.

Touch the desired folder number. The changer will start playing the first file of the selected folder.

▲ : By touching this touch−screen button, the list moves up by 5 folder groups. If this touch−screen button is touched when the top page of the list is displayed, the last page is displayed.

▼ : By touching this touch−screen button, the list moves down by 5 folder groups. If this touch−screen button is touched when the last page of the list is displayed, the top page is displayed.
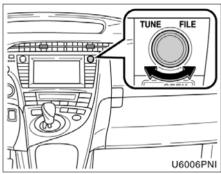
U6011PNI

U6006PNI

SELECTING A DESIRED FILE

"SEEK/TRACK" button: Use for direct access to a desired file.

Push the "∧" or "∨" button of **"SEEK/TRACK"** and repeat it until the desired file number appears on the display. As you release the button, the changer will start playing the selected file from the beginning. When "RAND" or "FLD.RPT" is on, the file number within the folder you are currently listening to appears.

Fast forward: Push the "∧" button of **"SEEK/TRACK"** and hold it to fast forward the disc. When you release the button, the changer will resume playing from that position.

Reverse: Push the "∨" button of **"SEEK/TRACK"** and hold it to reverse the disc. When you release the button, the changer will resume playing.
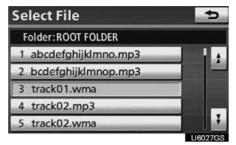
"TUNE FILE" knob: Use for direct access to a desired file in the disc.

Turn the **"TUNE FILE"** knob to step up or down all the files in the disc you are currently listening to. The file number appears on the display. When "RAND" or "FLD.RPT" is on, all the files in the folder you are currently listening to can be stepped up or down.

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U6024GI

U6027GS

"Select" for File: The desired file can be selected in a list. This function is available only when the vehicle is not moving.

Touch **"Select"**. The file list is displayed.

Touch the desired file number. The changer will start playing the selected file from the beginning.

[↕] **:** By touching this touch−screen button, the list moves up by 5 file groups. If this touch−screen button is touched when the top page of the list is displayed, the last page is displayed.

[↕] **:** By touching this touch−screen button, the list moves down by 5 file groups. If this touch−screen button is touched when the last page of the list is displayed, the top page is displayed.

SEARCHING FOR A DESIRED FILE

Touch "SCAN" on the screen briefly while the disc is playing.

"SCAN" appears on the screen. The changer will play the next file in the folder for 10 seconds, then scan again. To select a file, touch **"SCAN"** on the screen a second time. If the changer reaches the end of the folder, it will continue scanning from file 1.
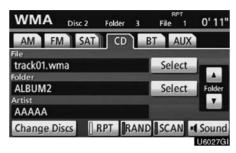
After all the files are scanned in one pass, normal play resumes.

SEARCHING FOR A DESIRED FOLDER

Touch "SCAN" on the screen for longer than a second while the disc is playing.

"FLD.SCAN" appears on the screen. The program at the beginning of each folder will be played for 10 seconds. To continue listening to the program of your choice, touch **"SCAN"** on the screen a second time.

After all the folders are scanned in one pass, normal play resumes.

OTHER FUNCTIONS

"RPT": Use it for automatic repeat of the file or folder you are currently listening to.

Repeating a file —

Touch **"RPT"** briefly while the file is playing. "RPT" appears on the screen. When the file is finished, the changer will automatically go back to the beginning of the file and play the file again. To cancel it, touch **"RPT"** once again.

Repeating a folder —

Touch **"RPT"** for longer than a second while the folder is playing. "FLD.RPT" appears on the screen. When the folder is finished, the changer will automatically go back to the beginning of the folder and play the folder again. To cancel it, touch **"RPT"** once again.

"RAND": Use it for automatic and random selection of the folder or the disc which you are currently listening to.

Playing the files in one folder in random order —

Touch **"RAND"** briefly while the disc is playing. "RAND" appears on the screen. The system selects a file in the folder you are currently listening to. To cancel it, touch **"RAND"** once again.

Playing the files in all the folders on one disc in random order —

Touch **"RAND"** for longer than a second while the disc is playing. "FLD.RAND" appears on the screen. The system selects a file in all the folders. To cancel it, touch **"RAND"** once again.

When a file is skipped or the system is inoperative, touch **"RAND"** to reset.

(g) If the player malfunctions

If "CD Error" appears on the screen, audio signals of the disc cannot be read or the system has trouble. Push the **"CD"** button once again.
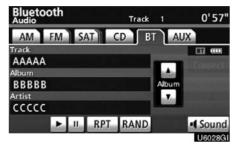
If the changer does not operate, check that the disc surface is not soiled or damaged. If the disc is O.K., the temperature of the changer's internal mechanism may be raised because of high external temperature. Remove the disc from the changer to cool it.

If the changer still does not operate, have it checked by your dealer.

If an MP3/WMA disc contains CD−DA files, only CD−DA files are played. If an MP3/WMA disc contains files other than CD−DA, only MP3/WMA files are played.

—Bluetooth® audio operation

The Bluetooth® audio system enables users to enjoy music played on a portable player from the vehicle speaker via wireless communication.

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

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INFORMATION

Portable players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, please note that some functions may be limited depending on the type of portable player.

- *Bluetooth® Specification Ver.1.1 or higher (Recommended: Ver.2.0+EDR or higher)*

- *Profile*

  - *A2DP (Advanced Audio Distribution Profile) Ver.1.0*

  - *AVRCP (Audio/Video Remote Control Profile) Ver.1.0 or highe (Recommended: Ver.1.3 or higher)*

Please go to "http://www.toyota.lets-talk.com/" to find approved Bluetooth® phones for this system.

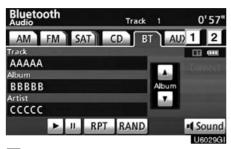Bluetooth is a trademark owned by Bluetooth SIG. Inc.

⚠ CAUTION

Do not operate the player's controls or connect to the Bluetooth® audio system while driving.

NOTICE

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

INFORMATION

- *In the following conditions, the system may not function.*

  - *The portable player is turned off.*

  - *The portable player is not connected.*

  - *The portable player has a low battery.*

- *It may take time, the phone connection is carried out during Bluetooth® audio play.*

1 **Indicates the condition of the Bluetooth® connection.**

"Blue" indicates an excellent connection to Bluetooth®.

"Yellow" indicates a bad connection to Bluetooth®, resulting in possible deterioration of audio quality.

BT : No connection to Bluetooth®.

2 **Indicates the amount of battery charge left.**

Empty ←——————→ Full

Remaining charge is not displayed while the Bluetooth® is connecting.

The amount left does not always correspond with the one of your portable player.

This system doesn't have a charging function.

An antenna for the Bluetooth® connection is built in to the display. The indication of the Bluetooth® connection may turn yellow and the system may not function when you use the Bluetooth® portable player in the following conditions.

● Your portable player is hiding behind from the display (behind the seat or in the glove box or console box).

● Your portable player touches or is covered with metal materials.

Leave the Bluetooth® portable player in a place where the "Blue" indication is displayed.

The portable player information is registered when the Bluetooth® audio system is connected. When you release possession of your vehicle, remove your portable player. (See "(a) Removing a Bluetooth® audio" on page 296.)

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FCC ID : HYQDNNS025
Type : DNNS025
IC : 1551A−DNNS025 Canada 310

This device complies with Part 15 of the FCC Rules and RSS−210. 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**

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

CAUTION: Radio Frequency Radiation Exposure
This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment 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 with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and legs).
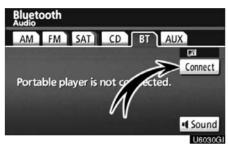
Co−location: This transmitter must not be co−located or operated in conjunction with any other antenna or transmitter.

(a) Connecting Bluetooth® audio player

To use the Bluetooth® audio system, you need to enter your portable player into the system. Once you have registered it, you can enjoy your music on the vehicle's audio system. (See "—Setting Bluetooth® audio" on page 295.)

For the operation procedure for the portable player, see the instruction manual that comes with it.

● **When the connection method is "From Vehicle".**

   ● **When the auto connection is on**

   When the portable player is standby for the connection, it will be automatically connected whenever the "POWER" switch is in either ACCESSORY or ON mode.

   ● **When the auto connection is off**

   Manually connect the portable player in accordance with the following procedure.
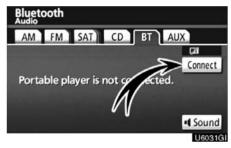
Touch "Connect".

When the connection is completed, this screen is displayed. Now you can use the portable player.

This screen will appear when the connection has failed.

● **When the connection method is "From Portable Player"**

Operate the portable player and connect it to the Bluetooth® audio system. For the operation procedure for the portable player, see the instruction manual that comes with it.

Touch "Connect".

Connect the portable audio player to the Bluetooth® audio system.

This screen will appear when the connection has been successfully established.

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● **Reconnecting the portable player**

If the portable player is disconnected with a poor reception from the Bluetooth® network when the "POWER" switch is in ACCESSORY or ON mode, the system automatically reconnects the portable player. In this case, the connection result is not displayed.

If the Bluetooth® is disconnected on purpose such as you turned your portable player off, this does not happen.

Reconnect it by the following method.

● **Select the portable player again.**

● **Enter the portable player.**

(b) Playing a Bluetooth® audio

● **Playing and pausing a Bluetooth® audio**

Push the "AUX" button or push the "AUDIO" button to display this screen and touch the "BT" tab if the Bluetooth® audio player is alreay connected.

Touch ▶ and the music will start playing.

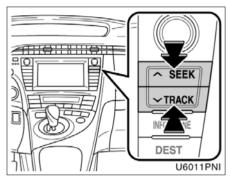Touch ❙❙ and the music will pause.

Touch ▶ and the music will start playing again.

Depending on the portable player that is connected to the system, the music may start playing when touching ❙❙ while it is paused. On the other hand, the music may pause when touching ▶ while it is playing.

Some titles may not be displayed depending on the type of portable player.

● **Selecting a desired track**

"SEEK/TRACK" button: Use for direct access to a desired track.

Push the "∧" or "∨" button of **"SEEK/TRACK"** and repeat it until the desired track number appears on the screen. As you release the button, the portable player will start playing the selected track from the beginning.

Fast forward:
Push and hold the "∧" button of **"SEEK/TRACK"** to fast forward the player. When you release the button, the portable player will resume playing from that position.

Reverse:
Push and hold the "∨" button of **"SEEK/TRACK"** to reverse the player. When you release the button, the player will resume playing.

INFORMATION

Depending on the portable player that is connected to the system, certain functions may not be available.

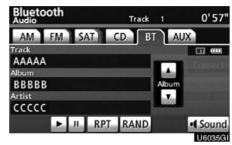---

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● **Selecting a desired album**

U6034GI

"**Album ▲**": Touch this button to go to the next album.

"**Album ▼**": Touch this button to go to the previous album.

INFORMATION

Depending on the portable player that is connected to the system, certain functions may not be available.

● **Other function**

U6035GI

"**RPT**": Use this control to automatic replay the track you are currently listening to.

Repeating a track—

While the track is playing, touch "RPT" briefly.

"RPT" appears on the screen. When the track is finished, the player will automatically play it again. To cancel the repeat, touch **"RPT"** once again.

"RAND": Use this for automatic and random selection of tracks on the album that you are currently listening to.

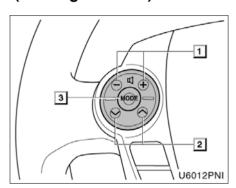**Playing the tracks in the album in random order—**

While the track is playing, touch "RAND" briefly.

"RAND" appears on the screen. The system selects a track in the album you are currently listening to. To cancel this function, touch **"RAND"** once again.

INFORMATION

Depending on the portable player that is connected to the system, certain functions may not be available.

Audio remote controls (steering switches)

U6012PNI

Some parts of the audio system can be adjusted using the switches on the steering wheel.

Details of the specific switches, controls, and features are described below.

1 Volume control switch

2 " ∧ ∨ " switch

3 **"MODE"** switch

1 Volume control switch

Push **"+"** side to increase the volume. The volume continues to increase while the switch is being pressed.

Push **"−"** side to decrease the volume. The volume continues to decrease while the switch is being pressed.

2   "∧∨" **switch**

Radio

This switch has the following features—

To select a preset station:
Quickly push and release the "∧" or "∨" side of the switch. Do this again to select the next preset station.

To seek a station:
Push and hold the "∧" or "∨" side of the switch until you hear a beep. Do this again to find the next station. If you push the switch on either side during the seek mode, seeking will be cancelled.

To step up or down the frequency, push and hold the switch even after you hear a beep. When you release from the switch, the radio will begin seeking up or down for a station. Do this again to find the next station.

XM® Satellite Radio—

To select a preset channel, push the "∧" or "∨" side of the switch. Repeat until a desired channel is found.

CD changer

Use this switch to skip up or down to a different track in either direction.

To select a desired track or file:
Quickly push and release the "∧" or "∨" side of the switch until the track you want to listen to is set. If you want to return to the beginning of the current track, push the "∨" side of the switch once, quickly.

To select a desired disc:
Push and hold the "∧" or "∨" switch until you hear a beep to change to the next or the previous disc. Repeat this operation until you reach the disc you want to listen to.

Bluetooth® audio player

Use this switch to skip up or down to a different track or album in either direction.

To select a desired track:
Quickly push and release the "∧" or "∨" side of the switch until the track you want to listen to is set. If you want to return to the beginning of the current track, push the "∨" side of the switch once quickly.

To select a desired album:
Push and hold "∧" or "∨" switch until you hear a beep to change to the next or the previous album. Repeat this operation until you reach the album you want to listen to.

3   "**MODE**" **switch**

Push **"MODE"** switch to select an audio mode. Each push changes the mode sequentially if the desired mode is ready to use.

To turn the audio system on, push the **"MODE"** switch.

To turn the audio system off, push and hold the **"MODE"** switch until you hear a beep.

Audio system operating hints

NOTICE

To ensure correct audio system operations:

- *Be careful not to spill beverages over the audio system.*
- *Do not put anything other than an appropriate disc into the CD changer.*
- *The use of a cellular phone inside or near the vehicle may cause a noise from the speakers of the audio system which you are listening to. However, this does not indicate a malfunction.*

RADIO RECEPTION

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

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

Here are some common reception problems that probably do not indicate a problem with your radio:

FM

Fading and drifting stations — Generally, the effective range of FM is about 25 miles (40 km). Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi–path — FM signals are reflective, making it possible for two signals to reach your antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

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

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

AM

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

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

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

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XM®

Cargo loaded on the roof luggage carrier, especially metal objects, may adversely affect the reception of XM® Satellite Radio.
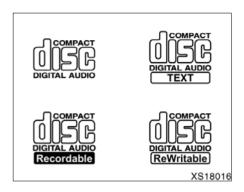
Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

CARING FOR YOUR CD CHANGER AND DISCS

● Your CD changer is intended for use with 4.7 in. (12 cm) discs only.

● Extremely high temperatures can keep your CD changer from working. On hot days, use the air conditioning to cool the vehicle interior before you use the changer.

● Bumpy roads or other vibrations may make your CD changer skip.

● If moisture gets into your CD changer, you may not play even though they appear to be working. Remove the disc from the changer and wait until it dries.
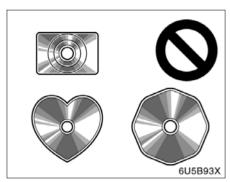

⚠ **CAUTION**

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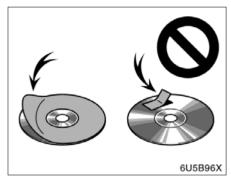

XS18016

CD changer

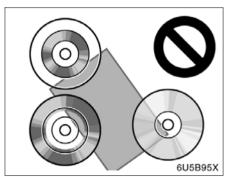● Use only discs marked as shown above. The following products may not be playable on your changer.
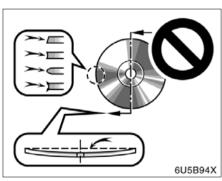
Copy−protected CD
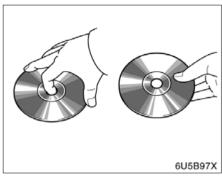CD−ROM

▶ **Special shaped discs**

▶ **Labeled discs**

▶ **Transparent/translucent discs**
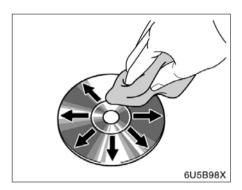

▶ **Low quality discs**

NOTICE

● *Do not use special shaped, transparent/translucent, low quality or labeled discs such as those shown in the illustrations. The use of such discs may damage the changer, or it may be impossible to eject the disc.*

● *This system is not designed for use of Dual Disc. Do not use Dual Disc because it may cause damage to the changer.*

● *Do not use a disc with protection ring. The use of such disc may damage the changer, or it may be impossible to eject the disc.*

● *If a disc cannot be ejected, do not forcibly take out the disc. Keep pushing the " ▲·CLOSE" button for approximately 5 seconds and release it. At this time, the audio disc and the map DVD−ROM will be ejected.*

6U5B97X

▶ **Correct**   ▶ **Wrong**

- Handle discs carefully, especially when you are inserting them. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.

- Dirt, scratches, warping, pin holes, or other disc damage could cause the player to skip or to repeat a section of a track. (To see a pin hole, hold the disc up to the light.)

- Remove discs from the players when you are not using them. Store them in their plastic cases away from moisture, heat, and direct sunlight.

6U5B98X

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

MP3/WMA FILES

- MP3 (MPEG Audio Layer 3) and WMA (Windows Media® Audio) are audio compression standards.

- The MP3/WMA player can play MP3 and WMA files on CD–ROM, CD–R and CD–RW discs.

  The unit can play disc recordings compatible with ISO 9660 level 1 and level 2 and with the Romeo and Joliet file system.

- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).

- The MP3/WMA player plays back files with .mp3 or .wma file extensions as MP3 or WMA files. To prevent noise and playback errors, use the appropriate file extensions.

- The player can play only the first session using multi–session compatible CDs.

- MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2, and Ver. 2.3 formats. The unit cannot display disc title, track title and artist name in other formats.

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

- The emphasis function is available only when playing MP3/WMA files recorded at 32, 44.1 and 48 kHz. (The system can play MP3 files with sampling frequencies of 16, 22.05, and 24 kHz. However, the emphasis function is not available for files recorded at these frequencies.)

- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs recorded with a bit rate of at least 128 kbps are recommended.
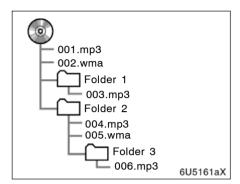
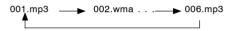**Playable bit rates**
MP3 files:
MPEG1 LAYER3—64 to 320 kbps
MPEG2 LSF LAYER3—64 to 160 kbps
WMA files:
Ver. 7, 8 CBR—48 to 192 kbps
Ver. 9 CBR—48 to 320 kbps

- The MP3/WMA player does not play back MP3/WMA files from discs recorder using packet write data transfer (UDF format). Discs should be recorded using "pre–mastering" software rather than packet–write software.

- M3u playlists are not compatible with the audio player.

- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.

- The MP3 player is compatible with VBR (Variable Bit Rate).

- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if fast–forward or reverse operations are used.

- It is not possible to check folders that do not include MP3/WMA files.

- MP3/WMA files in folders up to 8 levels deep can be played. However, the start of playback may be delayed when using discs containing numerous levels of folders. For this reason, we recommend creating discs with no more than two levels of folders.

- It is possible to play up to 192 folders or 255 files on one disc.

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6U5161aX

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

001.mp3 ⟶ 002.wma . . . ⟶ 006.mp3

- The order changes depending on the PC and MP3/WMA encoding software you use.

CD−R and CD−RW discs

- CD−R/CD−RW discs that have not been subject to the "finalizing process" (a process that allows discs to be played on a conventional CD player) cannot be played.

- It may not be possible to play CD−R/CD−RW discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of the unit.

- It may not be possible to play discs recorded on a personal computer depending on the application settings and the environment. Record with the correct format. (For details, contact the appropriate application manufacturers of the applications.)

- CD−R/CD−RW discs may be damaged by direct exposure to sunlight, high temperatures or other storage conditions. The unit may be unable to play some damaged discs.

- If you insert a CD−RW disc into the MP3/WMA player, playback will begin more slowly than with a conventional CD or CD−R disc.

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

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TERMS

Packet write—

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

ID3 Tag—

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

WMA Tag—

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

ISO 9660 format—

This is the international standard for the formatting of CD–ROM folders and files. For the ISO 9660 format, there are two levels of regulations.

Level 1:

The file name is in 8.3 format (8 character file names, with a 3 character file extension. File names must be composed of one–byte capital letters and numbers. The "_" symbol may also be included.)

Level 2:

The file name can have up to 31 characters (including the separation mark "." and file extension). Each folder must contain fewer than 8 hierarchies.

m3u—

Playlists created using "WINAMP" software have a playlist file extension (.m3u).

MP3—

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

WMA—

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

AUDIO SYSTEM