

SECTION 2-8

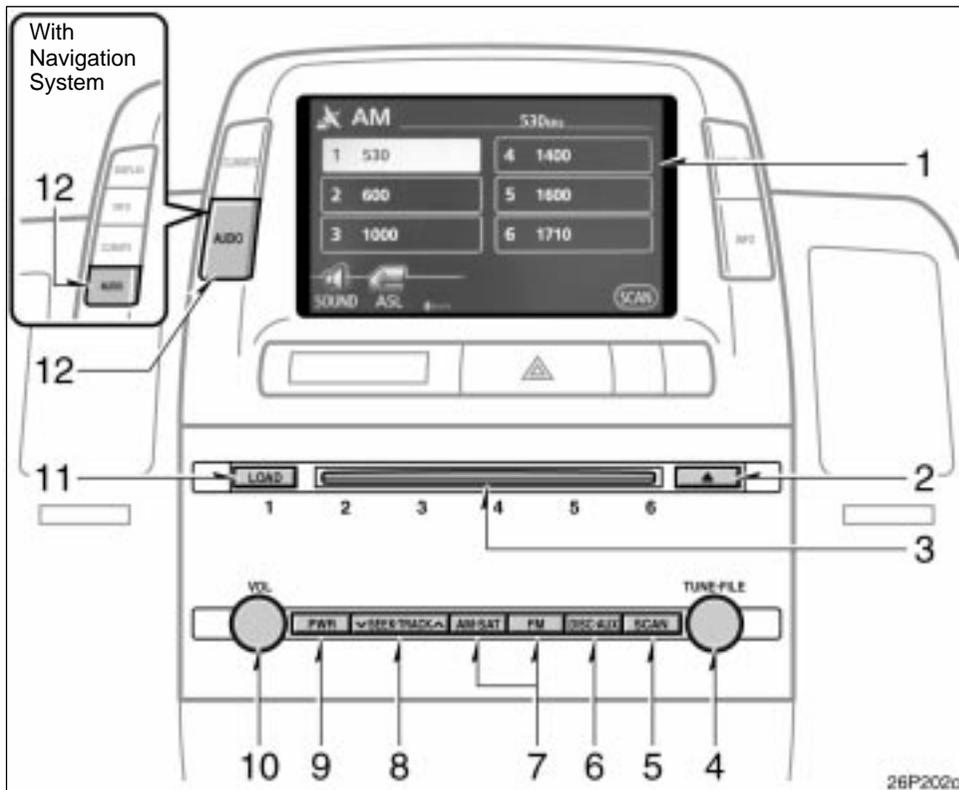
OPERATION OF INSTRUMENTS AND CONTROLS

Audio system

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Reference

►Type 1

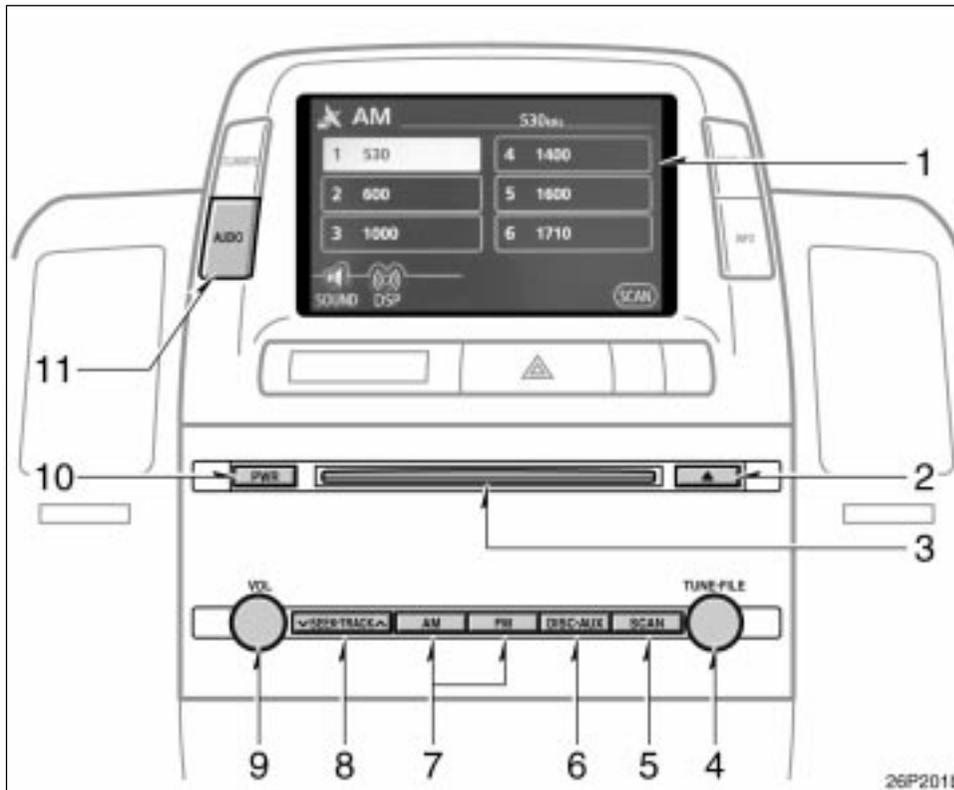


1. Multi-information display screen
(See page 248 for details.)
2. Ejecting a compact disc
(See page 266 for details.)
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(See page 266 for details.)
4. Frequency tuning and file search
(See page 253 and 274 for details.)
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(See page 267 for details.)
7. Radio mode button
(See page 252 for details.)
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Compact disc mode: Direct access to a desired program
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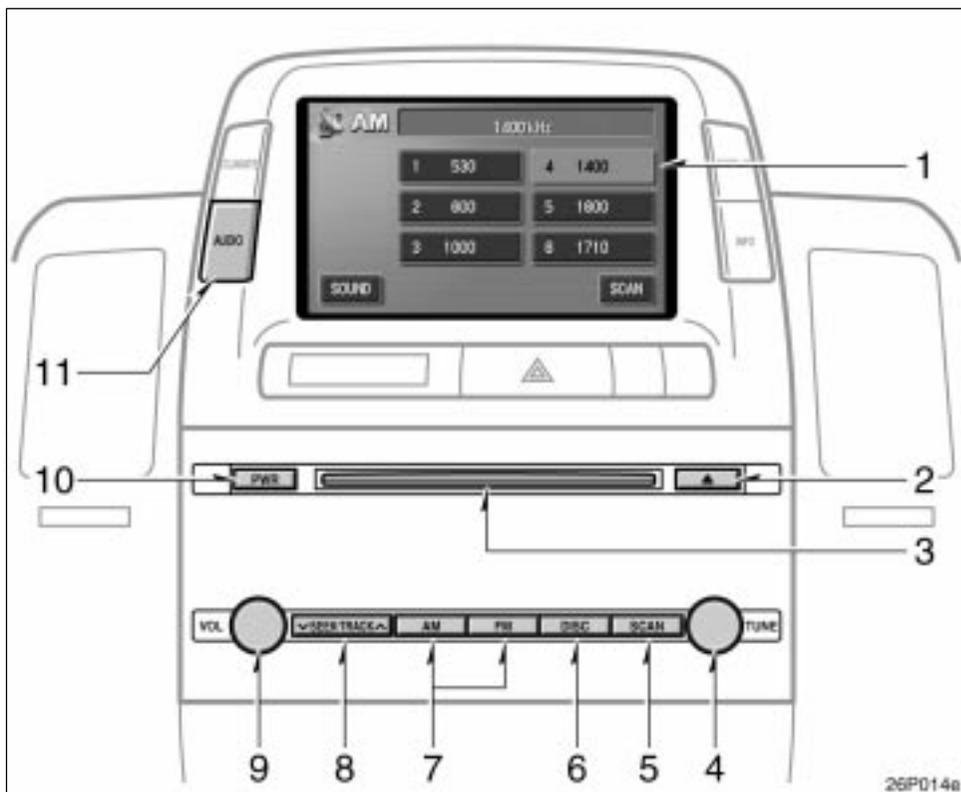
►Type 2



1. Multi-information display screen
(See page 248 for details.)
2. Ejecting a compact disc
(See page 266 for details.)
3. Compact disc slot
(See page 266 for details.)
4. Frequency tuning and file search
(See page 253 and 274 for details.)
5. Scan tuning
(See page 255 for details.)
6. Compact disc or AUX adapter mode button
(See page 267 for details.)
7. Radio mode button
(See page 252 for details.)
8. Radio mode: Seek tuning
(See page 254 for details.)

Compact disc mode: Direct access to a desired program
(See page 268 for details.)
9. Adjusting the volume
(See page 247 for details.)
10. Turning the system on
(See page 247 for details.)
11. Audio operation screen display button
(See page 248 for details.)

►Type 3



1. Multi-information display screen
(See page 248 for details.)
2. Ejecting a compact disc
(See page 271 for details.)
3. Compact disc slot
(See page 271 for details.)
4. Frequency tuning
(See page 253 for details.)
5. Scan tuning
(See page 255 for details.)
6. Compact disc mode button
(See page 271 for details.)
7. Radio mode button
(See page 252 for details.)
8. Radio mode: Seek tuning
(See page 254 for details.)

Compact disc mode: Direct access to a desired program
(See page 272 for details.)
9. Adjusting the volume
(See page 247 for details.)
10. Turning the system on
(See page 247 for details.)
11. Audio operation screen display button
(See page 248 for details.)

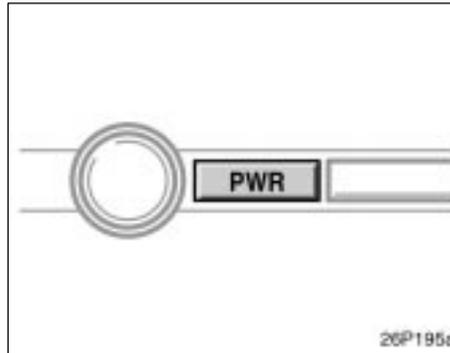
Using your audio system— —Some basics

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

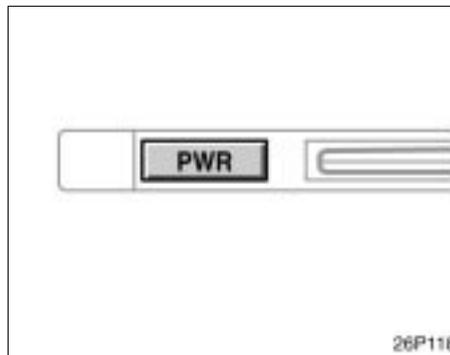
Your audio system works when the hybrid system is in “ACC” or “IG-ON”.

NOTICE

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



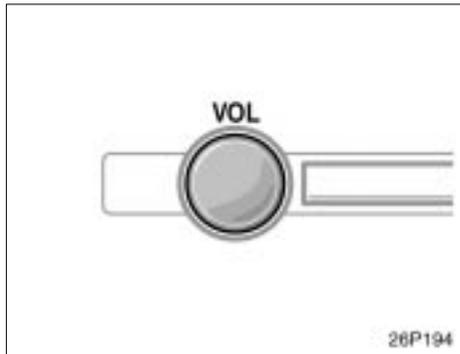
Type 1



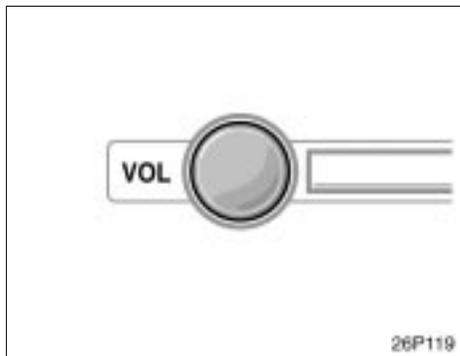
Type 2 and Type 3

TURNING THE SYSTEM ON AND OFF

Push “PWR” button to turn the audio system on and off. The system turns on in the last mode used.



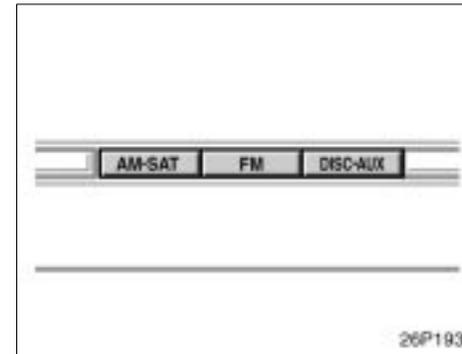
Type 1 and Type 2



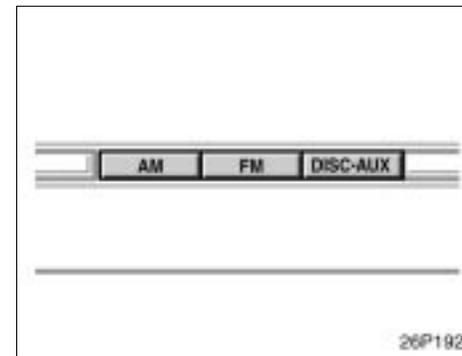
Type 3

VOLUME CONTROL

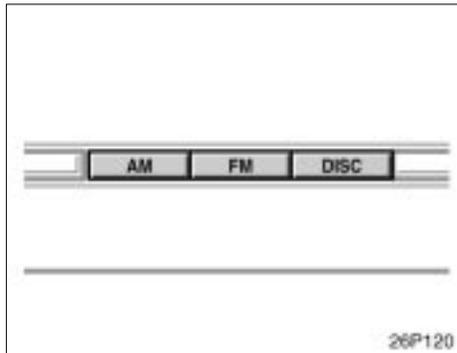
To adjust the volume, push and turn the "VOL".



Type 1



Type 2

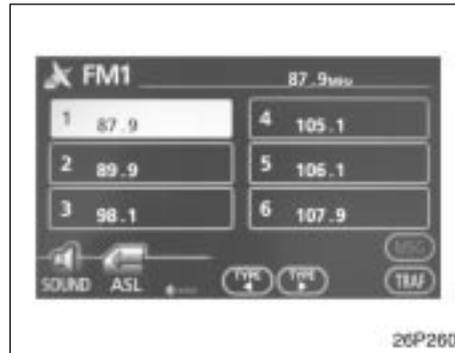


Type 3

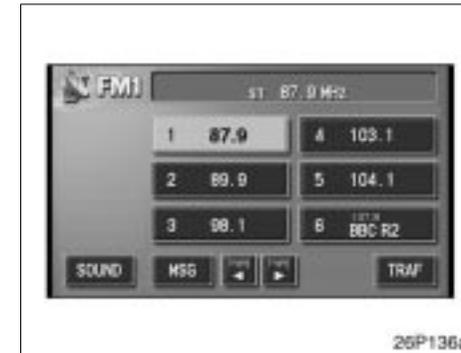
Push the “AM”, “AM-SAT”, “FM”, “DISC” or “DISC-AUX” button to turn on that mode. The selected mode turns on directly.

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

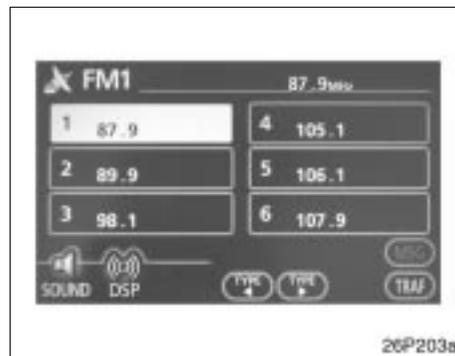
If the disc is not set, the compact disc player does not turn on.



Radio (Type 1)



Radio (Type 3)



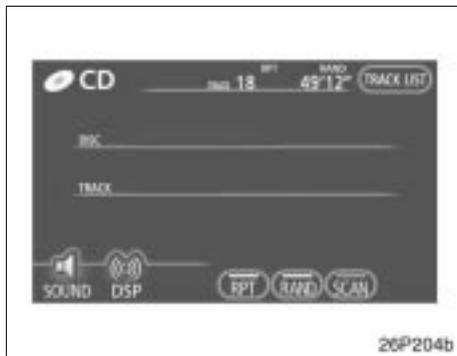
Radio (Type 2)



Compact disc (Type 1)



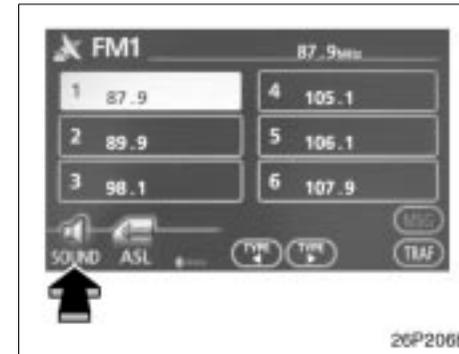
Compact disc (Type 3)



Compact disc (Type 2)

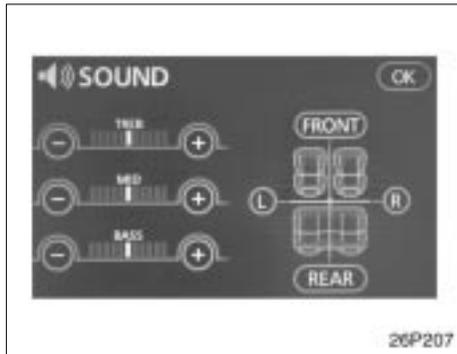
The switches for radio and compact disc player operation are displayed on the liquid crystal display. Touch them lightly and directly on the screen.

The selected switch is highlighted in green or orange.



TONE AND BALANCE

Touching the “SOUND” switch on the screen displays the sound adjustment screen.



TREBLE “+” or “-”: Adjusts high-pitched tones.

MID “+” or “-” (Type 1 only): Adjusts mid-pitched tones.

BASS “+” or “-”: Adjusts low-pitched tones.

“FRONT” or “REAR”: Adjusts sound balance between the front and rear speakers.

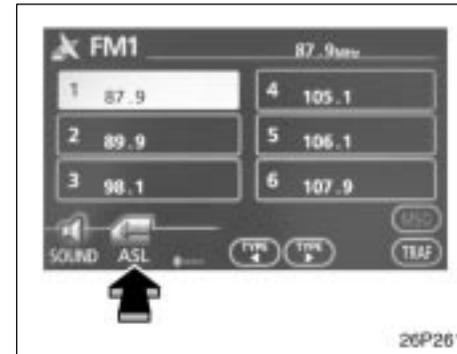
“L” or “R”: Adjusts sound balance between the left and right speakers.

“OK”: The previous screen returns.

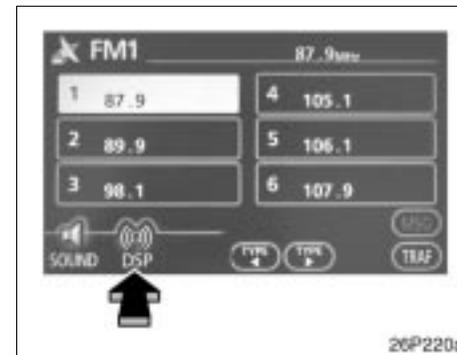
How good an audio program sounds to you is largely determined by the mix of the treble, mid-range, and bass levels. In fact, different kinds of music and vocal programs usually sound better with different mixes of treble, mid-range and bass.

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.



Type 1



Type 2

**AUTOMATIC SOUND LEVELIZER (ASL)
(Type 1 and Type 2 only)**

When the audio sound becomes difficult to be heard due to road noise, wind noise, etc. during driving, the system adjusts to the optimum volume and tone quality according to the noise level.

Vehicles with compact disc changer:

Touch the "ASL" switch.

When the system is on, the sound adjustment level is displayed on the screen.

Vehicles without compact disc changer:

Touch the "DSP" switch to display the "ASL" screen.

Touch "High", "Mid" or "Low" and then "OK".

When you touch "High", you can obtain higher sensitivity of the sound levelizer. When you touch "Low", the sensitivity will be lowered.

Touching "Off" turns the system off.

YOUR RADIO ANTENNA

To remove an antenna on the roof, carefully turn it counterclockwise.

NOTICE

To prevent damage to the antenna, make sure to remove it before driving through an automatic car wash.

YOUR COMPACT DISC PLAYER

When you insert a disc, gently push it in with the label side up.

The discs set in the player are played continuously, starting with disc number 1. The disc number of the disc currently being played, the track number and the time from the beginning of the program appear on the display.

Type 1 only:

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 player will skip any empty disc number.

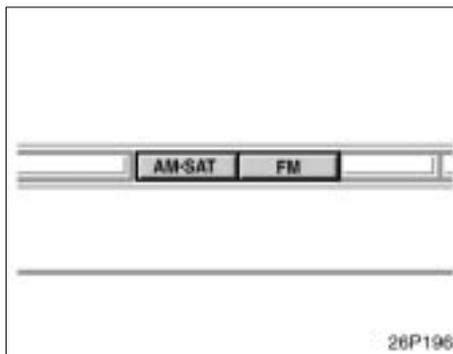


NOTICE

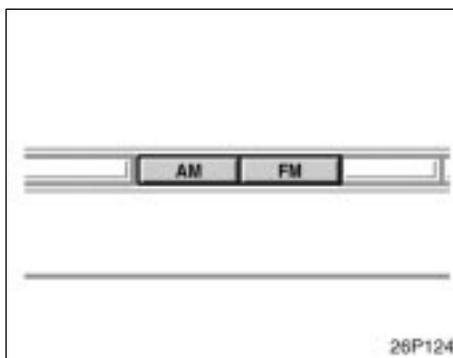
- ◆ *Do not stack up two discs for insertion, or it will damage the compact disc player. Insert only one compact disc into a slot at a time.*
- ◆ *Never try to disassemble or oil any part of the compact disc player. Do not insert anything other than compact discs into the slot.*

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

Radio operation



Type 1



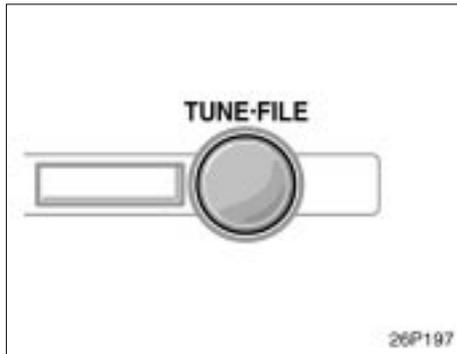
Type 2 and Type 3

(a) Listening to the radio

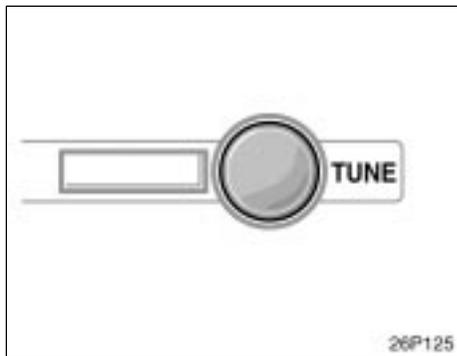
Push these buttons to choose either an AM or FM station.

“AM”, “FM1” or “FM2” appears on the display.

If your vehicle is equipped with satellite radio broadcast system, when you push the “AM-SAT” button, “AM”, “SAT1”, “SAT2” or “SAT3” station appears on the display. For details about satellite radio broadcast, see “Radio operation (XM® satellite radio broadcast)” on page 260.



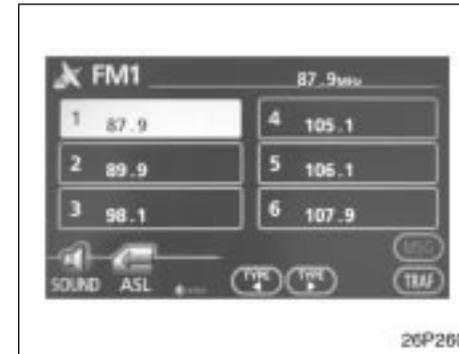
Type 1 and Type 2



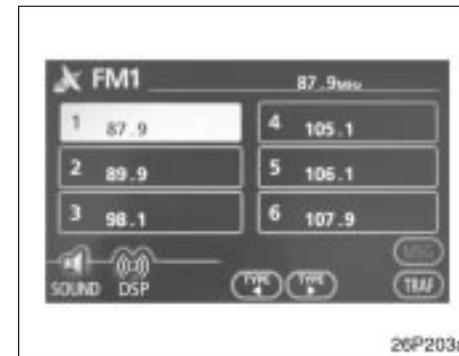
Type 3

Push and turn this knob to step up the station band or to step down.

Your radio automatically changes to stereo reception when a stereo broadcast is received. "ST" appears on the display. 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 display.



Type 1



Type 2



Type 3

(b) Presetting a station

1. Tune in the desired station.
2. Touch one of the station selector switches (1–6) and hold it until a beep is heard. This sets the station to the switch and the frequency appears on the switch.

Each switch can store FM1, FM2 and AM. 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 battery disconnection or a blown fuse.

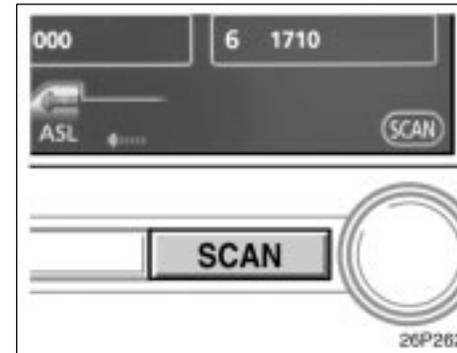
(c) Selecting a station

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

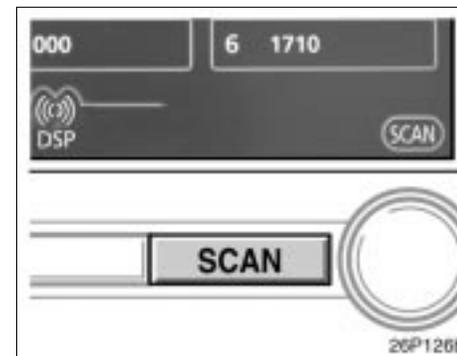
Preset tuning: Touch the switch (1–6) for the station you want. The switch (1–6) is highlighted in green and station frequency appears on the display.

Manual tuning: Turn the “TUNE-FILE” and “TUNE” knob briefly. Each time you turn the knob, the radio will step up or down to another frequency.

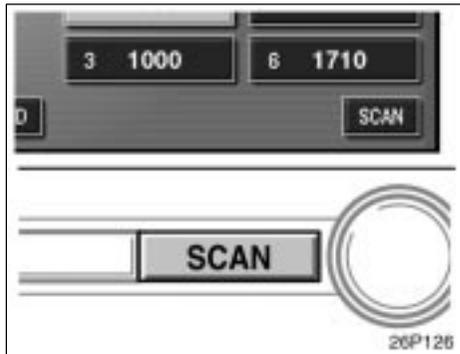
Seek tuning: Push the “SEEK-TRACK” button on either side. The radio will begin seeking up or down for a station of the nearest frequency and will stop on reception. Each time you push the button, the stations will be searched out one after another.



Type 1



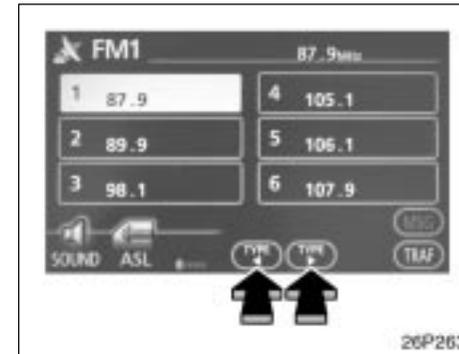
Type 2



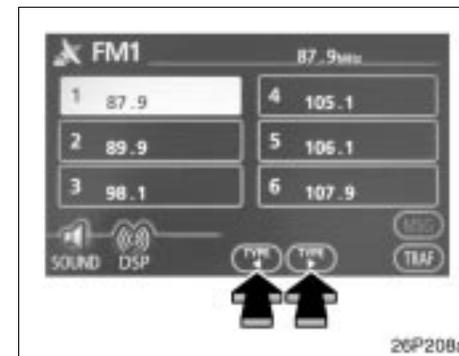
Type 3

Scan tuning: Push the “SCAN” button or touch the “SCAN” switch (AM mode only) briefly. “SCAN” appears on the display. The radio will find the next station up or down the band, stay there for a few seconds, and then scan again. To select a station, push the “SCAN” button a second time.

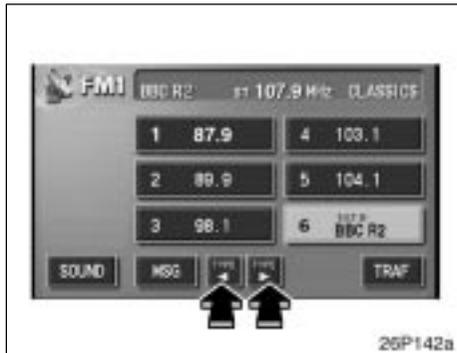
Preset scan tuning: Push the “SCAN” button or touch the “SCAN” switch (AM mode only) and hold it until you hear a beep. “P. SCAN” appears on the display. The radio will tune in the next preset station up or down the band, stay there for a few seconds, and then move to the next preset station. To select a station, push the “SCAN” button a second time.



Type 1



Type 2



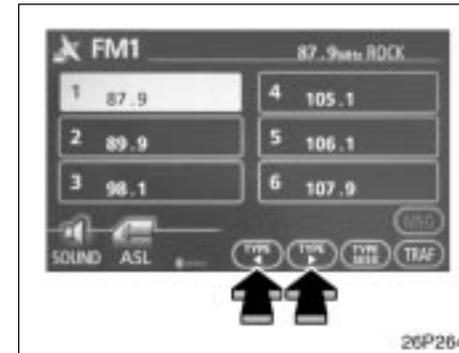
Type 3

(d) RDS (Radio Data System)

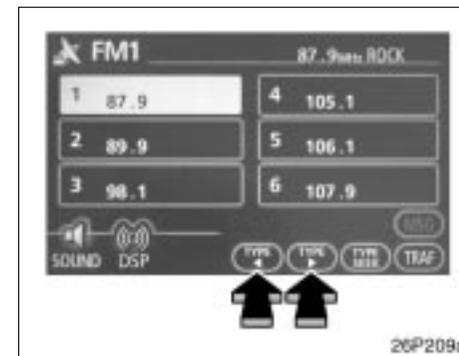
(1) Program type

Each time you touch the “TYPE ◀” or “TYPE ▶” switch, the program type changes as in the following:

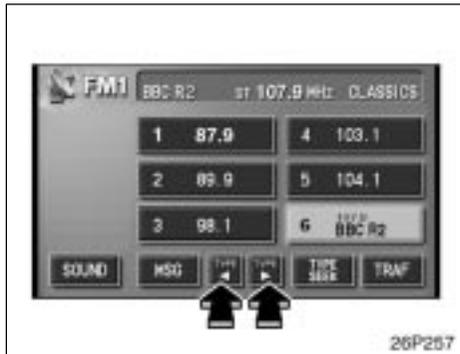
- ROCK
- EASY LIS (Easy listening)
- CLS JAZZ (Classical music and Jazz)
- R&B (Rhythm and Blues)
- INFORM (Information)
- RELIGION
- MISC
- ALERT (Emergency message)



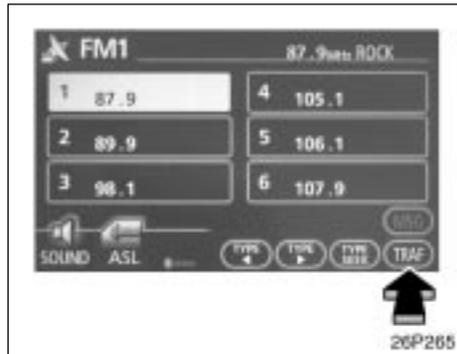
Type 1



Type 2



Type 3

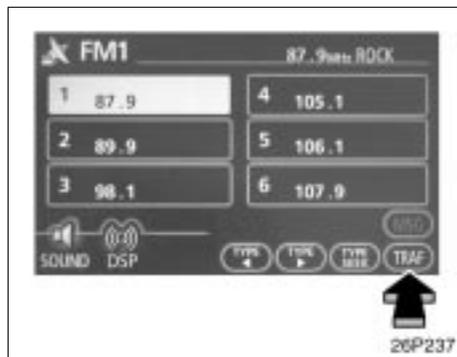


Type 1



Type 3

When you touch the “TYPE ◀” or “TYPE ▶”, “TYPE SEEK” switch appears. Touch the switch and the system starts to seek the station in the relevant program type.



Type 2

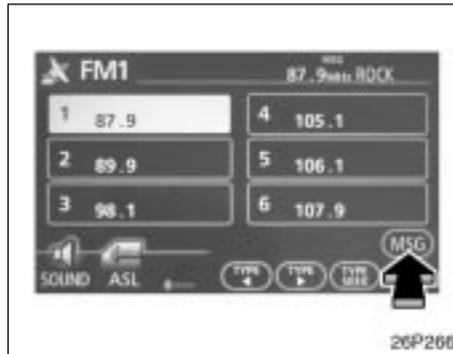
(2) Traffic program:

A station that regularly broadcasts traffic information is automatically located.

When you touch the “TRAF” switch, “TRAF SEEK” appears on the display and the radio will start seeking any traffic program station.

If any traffic program station is not found, “NOTHING” appears and the previous mode returns.

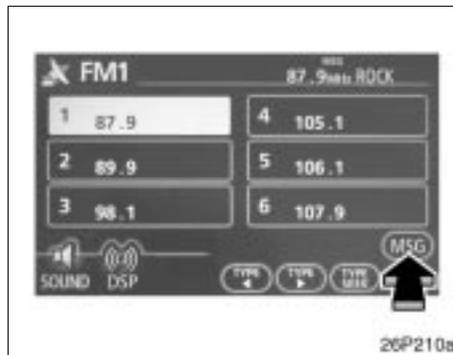
If the traffic program station is found, the name for traffic program station is displayed and “TRAF” is lit for a while until traffic announcement is received.



Type 1



Type 3



Type 2

(3) Radio text

If the system receives a radio text from RDS station, "MSG" appears on the display. Touch the "MSG" switch, and a text message is displayed on the screen.



Type 1



Type 3



Type 2

In case a text message is not accepted in a screen, you can touch the "MSG" switch and hold it to display the rest of the message.

When the system can show the station name, "RDS" appears on the display. Each time you touch the "MSG" switch, indication on the display changes from the band to the station name, a radio text in this order. After six seconds passes, indication returns to the band.

Radio operation (XM® satellite radio broadcast) (Type 1 only)

To listen to a satellite radio broadcast in your vehicle, an additional genuine Toyota satellite receiver and antenna must be purchased and installed, and the subscription to the XM® satellite radio 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 states.

How to subscribe:

You must enter into a separate service agreement with the XM® 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® radio, visit XM® on the web at www.xmradio.com or call an XM®'s Listener Care at (800) 967-2346. The XM® 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® radio customer service agreement.

Customers should have their radio ID ready; the radio ID can be found by selecting the "channel 000" on the radio. For details, see the "Displaying the radio ID" that follows.

All fees and programming are the responsibility of the XM® satellite radio and are subject to change.

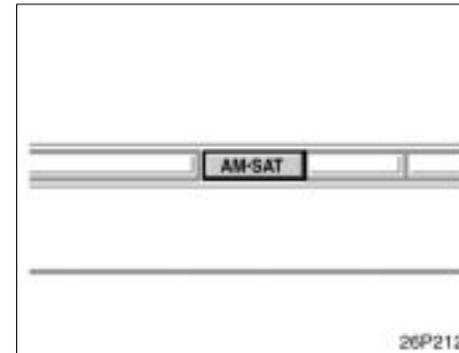
Satellite tuner technology notice:

Toyota 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.

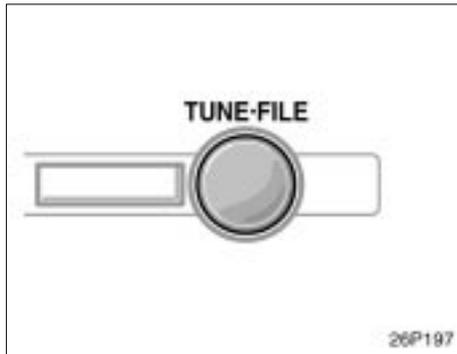
If you select the "CH 000" using the "TUNE-FILE" knob, the ID code of 8 alphanumeric characters appears. If you select another channel, display of the ID code is canceled. The channel (000) alternates the display between the radio ID and the specific radio ID code.



(c) Listening to the satellite radio

Push the "AM-SAT" button to choose a SAT channel.

"AM", "SAT1", "SAT2" or "SAT3" appears on the display.



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) Presetting a channel

1. Tune in the desired channel.
2. Touch one of the channel selector switches (1–6) and hold it until a beep is heard. This sets the channel to the switch and the frequency appears on the switch.

Each switch 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 battery disconnection or a blown fuse.

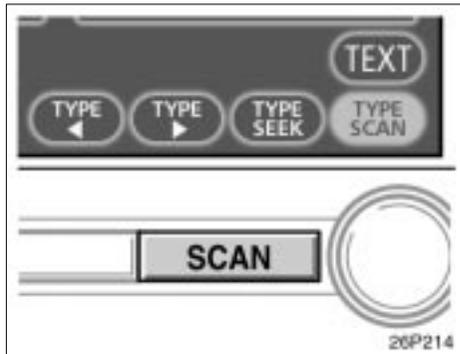
(e) Selecting a channel

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

Preset tuning: Touch the switch (1–6) for the channel you want. The switch (1–6) is highlighted in green.

Manual tuning within the channel category: Turn the “TUNE-FILE” knob. The radio will step up or down the channel.

Manual tuning within the current channel category: Push the “SEEK-TRACK” button on either side. The radio will step up or down the channel within the current channel category. Touch the “TYPE SEEK” switch. The radio will step up the channel within the current channel category.



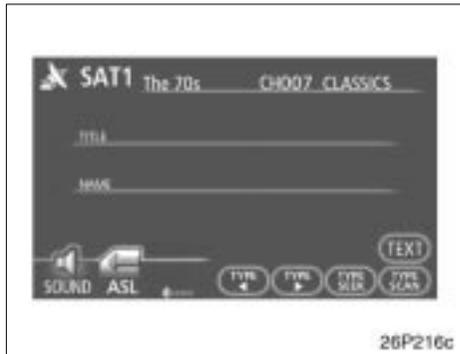
To scan the currently selected channel category: Touch the “TYPE SCAN” switch or push the “SCAN” button briefly. “SCAN” appears on the display. The radio will find the next channel in the same channel category, stay there for a few seconds, and then scan again. To select a channel, touch the “TYPE SCAN”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

To scan the preset channels: Push the “SCAN” button 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, push the “SCAN” button a second time.



(f) Channel category

Touch either “TYPE ◀” or “TYPE ▶” switch to switch to the next or previous category.



(g) Displaying the title and name

When you touch the “TEXT” switch, the song/program title and the artist name/feature are displayed.

Up to 32 alphanumeric characters can be displayed. (Some information will not be fully displayed.)

(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.
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 contact 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.

The XM® Listener Care Center is also available on the phone, please call (800) 967-2346 during the following hours:

Monday – Saturday: 6 a.m. – 2 a.m. Eastern Time

Sunday: 8 a.m – 8 p.m. Eastern Time

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.

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.*

Compact disc player operation (Type 1 and Type 2)

(a) Inserting or ejecting compact disc

Type 1:

- **Setting a single compact disc:**

- 1. Push the "LOAD" button briefly.**

The amber indicators at both ends of the slot blinking. The amber blinking indicators change to continuous green illumination.

- 2. Insert only one disc.**

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

After insertion, the set disc is automatically loaded.

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

If you need to insert the next disc, repeat the same procedure to insert another disc.

- **Setting all the discs:**

- 1. Push the "LOAD" button until you hear a beep.**

The amber indicators at both ends of the slot blinking. The amber blinking indicators change to continuous green illumination.

- 2. Insert only one disc.**

The amber indicators blink.

- 3. Insert the next disc after the amber blinking indicators change to continuous green illumination.**

- 4. Repeat this procedure until you insert all the discs.**

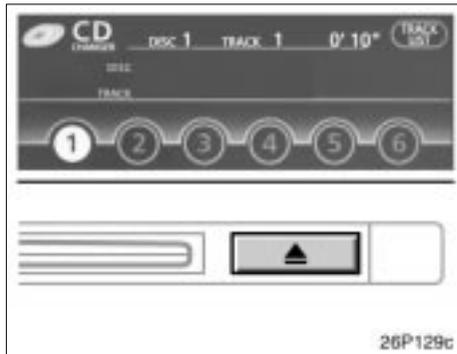
To cancel the operation, push the "LOAD" button.

Your automatic changer can store up to 6 discs.

If you do not insert the discs within 15 seconds after pushing the "LOAD" button, the operation will be canceled automatically.

NOTICE

<i>Do not insert one disc stacked on top of another one or feed them in continuously, to prevent discs from getting stuck in the player.</i>
--



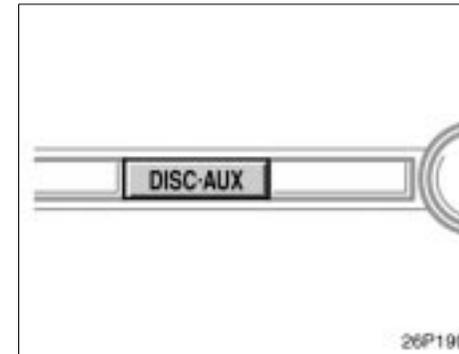
- **Ejecting a single alone:**
 1. Touch the switch (1-6) to highlight the disc number you want to eject.
 2. Push the “▲” button for the compact disc briefly.

At this time, the amber indicators of the slot start blinking.

- **Ejecting all the discs:**
Push the “▲” button for the compact disc until you hear a beep.



- The numbers of the trays where the compact disc is not set are dimmed.
- Type 2:**
When you insert a disc, the player will automatically start. To eject the disc, push the “▲” button.



- (b) Playing a compact disc**
- Type 1:**
Push the “DISC-AUX” button if the disc is already loaded in the player. “CD CHANGER” appears on the display. The discs set in the player 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 are shown on the display. 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 player will skip any empty disc trays. When the AUX adapter is in use, each time you push the “DISC-AUX” button, the audio switches the compact disc mode and AUX mode alternately. For details about AUX adapter, see page 278.

Type 2:

Push the “DISC-AUX” button if the disc is already loaded in the player.

“CD” appears on the display.

The discs set in the player are played continuously. The track number and the time from the beginning of the program are shown on the display.



(c) Selecting a desired disc (Type 1 only)
Touch the desired disc number.

The selected disc number is highlighted in green.

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



(d) Selecting a desired track
“SEEK-TRACK” button:

Push the “SEEK-TRACK” button. The player will start playing the selected track from the beginning.

Track list screen:

Touch the desired track displayed on the track list screen.

The track list screen cannot be displayed while driving.

For details about the track list screen, see “Displaying the track list” on page 270.

(e) Fast Forward/Reverse

Push the "SEEK-TRACK" button and hold it to fast forward/reverse the disc. When you release the switch, the player will resume playing.

When fast forwarding, if you reach the end of the final track, the player will go back to the start track and continue operation.

When reversing, if you reach the beginning of the start track, reverse is cancelled, even if you continue to hold down the button.

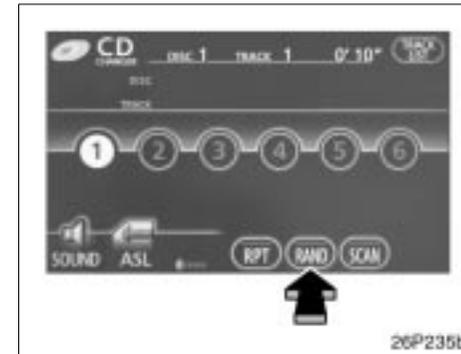


(f) Repeating the same track

Touch the "RPT" switch briefly. When the track is finished, the player will automatically go back to the beginning of the track and play the track again. To cancel it, touch the "RPT" switch once again.

(g) Repeating the same disc

Touch the "RPT" switch and hold it until you hear a beep. When the disc is finished, the player will automatically go back to the beginning of the disc and play the disc again. To cancel it, touch the "RPT" switch once again.

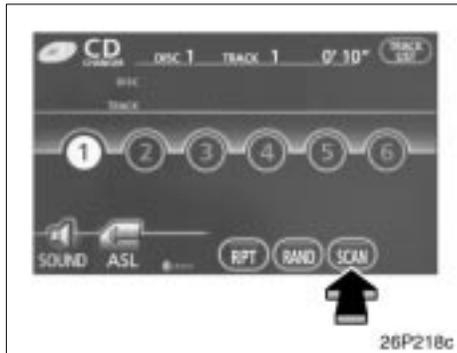


(h) Listening to the tracks in the disc you are listening to, in random order

Touch the "RAND" switch briefly, the system selects a track in the disc you are currently listening to. To cancel it, touch the "RAND" switch once again.

(i) Listening to the tracks in all the discs set, in random order

Touch the "RAND" switch and hold it until you hear a beep, the system selects a track in all the discs which are set and plays it. To cancel it, touch the "RAND" switch once again.



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

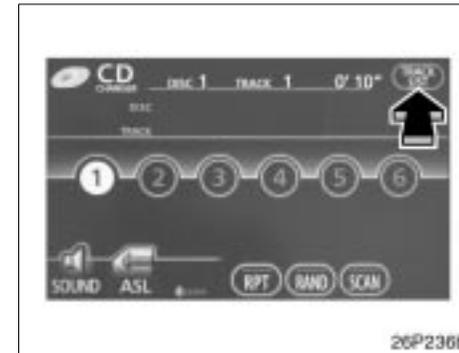
(j) Searching for a desired track

Touch the "SCAN" switch briefly, the player will play the next track for 10 seconds, then scan again. To select a track, touch the "SCAN" switch a second time.

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

**(k) Searching for a desired disc
(Type 1 only)**

Touch the "SCAN" switch and hold it until you hear a beep, the track at the beginning of each disc will be played for 10 seconds. To continue listening to the track of your choice, touch the "SCAN" switch a second time.



(l) Displaying the track list

Touch the "TRACK LIST" switch.

The track list screen will be displayed.

If there are more than 6 tracks, touch "▲" or "▼" to change the page.

If you touch a track, that track will be played.

Only track names of 13 characters or less can be displayed. Furthermore, track names may not be displayed correctly or at all, depending on the recorded content.

(m) If the player malfunctions

If the player or another unit equipped with the player malfunctions, your audio system will display the following error messages.

If “CD CHECK” appears on the display, it indicates that the disc is dirty, damaged or it was inserted up side down. Clean the disc or insert it correctly.

If “CD ERROR” appears on the display, the following causes are possible.

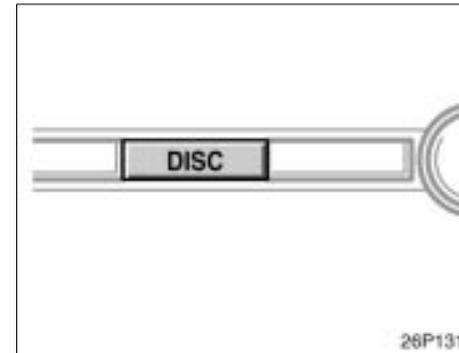
- There is trouble inside the system. Eject the disc.
- The inside of the player unit may be too hot due to the very high ambient temperature. Eject the disc and allow the player to cool down.

If the malfunction is not rectified, take your vehicle to your Toyota dealer.

**Compact disc player operation
(Type 3)**

(a) Inserting or ejecting compact disc

When you insert a disc, the player will automatically start. To eject the disc, push the “▲” button.

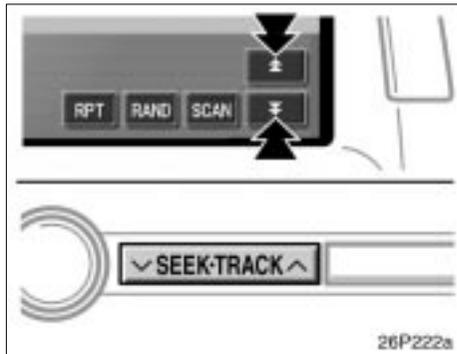


(b) Playing a compact disc

Push the “DISC” button if the disc is already loaded in the player.

“CD” appears on the display.

The discs set in the player are played continuously. The track number and the time from the beginning of the program are shown on the display.



(c) Selecting a desired track

“SEEK-TRACK” button: Use for direct access to a desired track.

Push either side of the “SEEK-TRACK” button. The player will start playing the selected track from the beginning.

Fast forward: Touch the “▲” switch and hold it to fast forward the disc. When you release the switch, the compact disc player will resume playing from that position.

Reverse: Touch the “▼” switch and hold it to reverse the disc. When you release the switch, the compact disc player will resume playing.

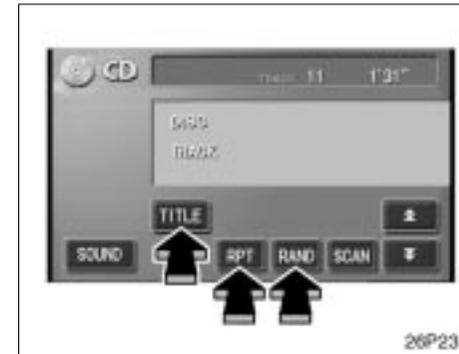


(d) Searching for a desired track

Touch the “SCAN” switch.

“SCAN” will be highlighted in green. The compact disc player will play the next track for 10 seconds, then scan again. To select a track, touch the “SCAN” switch a second time. If the player 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.



(e) Other compact disc player functions

“RPT” switch: Use it for automatic repeat of the track you are currently listening to. Touch the switch while the track is playing. When the track is finished, the player will automatically go back to the beginning of the track and play the track again. To cancel it, touch the switch once again.

“RAND” switch: Use it for automatic and random selection of the disc which you are currently listening to.

When the switch is touched, the system selects a track in the disc you are currently listening to. To cancel it, touch the switch once again.

“TITLE” switch: Use it for displaying the disc and track title while the CD-TEXT disc is playing.

The switch is not displayed on the screen while the CD-TEXT disc is not playing. Up to 29 letters can be displayed. To cancel it, touch the “TITLE OFF” switch.

(f) If the player malfunctions

If the player or another unit equipped with the player malfunctions, your audio system will display the following error messages.

If “CD CHECK” appears on the display, it indicates that the disc is dirty, damaged or it was inserted up side down. Clean the disc or insert it correctly.

If “CD ERROR” appears on the display, the following causes are possible.

- There is trouble inside the system. Eject the disc.
- The inside of the player unit may be too hot due to the very high ambient temperature. Eject the disc and allow the player to cool down.

If the malfunction is not rectified, take your vehicle to your Toyota dealer.

**MP3/WMA player operation
(Type 1 and Type 2)**

(a) Inserting or ejecting MP3/WMA disc

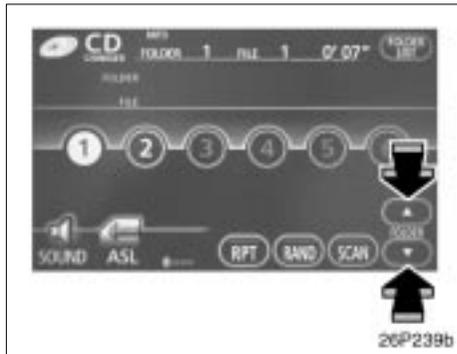
Refer to “(a) Inserting or ejecting compact disc” on page 266.

(b) Playing a compact disc

Refer to “(b) Playing a compact disc” on page 267.

(c) Selecting a desired disc (Type 1 only)

Refer to “(c) Selecting a desired disc” on page 268.



(d) Selecting a desired folder

“FOLDER” switch:

Touch either side of the “FOLDER” switch. The player will start playing the file in the selected folder.

Folder list screen:

Touch the desired folder displayed on the folder list screen.

The folder list screen cannot be displayed while driving.

For details the folder list screen, see “Displaying the folder list” on page 276.



(e) Selecting a desired file

“TRACK” button:

Push the “SEEK-TRACK” button. The player will start playing the selected file from the beginning.

File list screen:

Touch the desired file displayed on the file list screen.

The file list screen cannot be displayed while driving.

For details about the file list screen, see “Displaying the file list” on page 276.

“TUNE-FILE” knob:

Turn the knob clockwise to search up the files. Turn the knob counterclockwise to search down the files.

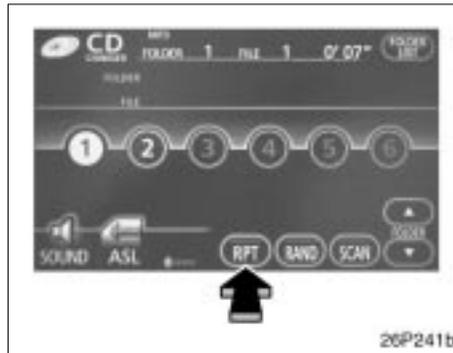


(f) Fast forward/reverse

Push the “SEEK-TRACK” button and hold it to fast forward/reverse the disc. When you release the switch, the player will resume playing.

When fast forwarding, if you reach the end of the final file, the player will go back to the start file and continue operation.

When reversing, if you reach the beginning of the start file, reverse is cancelled, even if you continue to hold down the button.

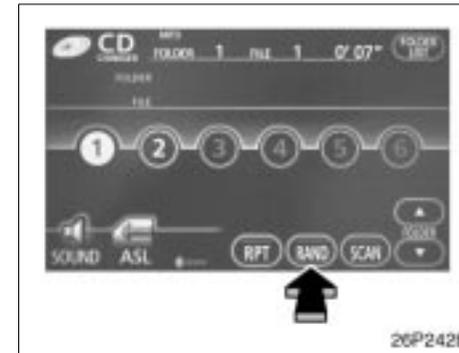


(g) Repeating the same file

Touch the “RPT” switch briefly. When the file is finished, the player will automatically go back to the beginning of the file and play the file again. To cancel it, touch the “RPT” switch once again.

(h) Repeating the same folder

Touch the “RPT” switch and hold it until you hear a beep. When the folder is finished, the player will automatically go back to the beginning of the folder and play the folder again. To cancel it, touch the “RPT” switch once again.

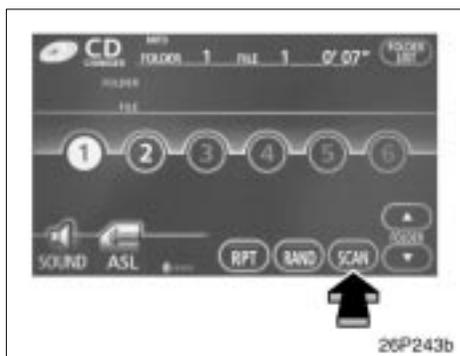


(i) Listening to the files in the folder you are listening to, in random order

Touch the “RAND” switch briefly, the system selects a file in the folder you are currently listening to. To cancel it, touch the “RAND” switch once again.

(j) Listening to the files in all the folders, in random order

Touch the “RAND” switch and hold it until you hear a beep, the system selects a file in all the folders which are set and plays it. To cancel it, touch the “RAND” switch once again.



(k) Searching for a desired file

Touch the “SCAN” switch briefly, and the player will play the next file for 10 seconds, then scan again. To select a file, touch the “SCAN” switch a second time.

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

(l) Searching for a desired folder

Touch the “SCAN” switch and hold it until you hear a beep, the file at the beginning of each folder will be played for 10 seconds. To continue listening to the file of your choice, touch the “SCAN” switch a second time.

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



(m) Displaying the folder list

Touch the “FOLDER LIST” switch.

The folder list screen will be displayed.

If there are more than 6 folders, touch “▲” or “▼” to change the page.

If you touch a folder, that folder will be played.

Up to 13 characters of folder name can be displayed. However, folder names may not be displayed correctly or at all, depending on the recorded content.

If you touch the “FILE” switch, the file list screen will be displayed.



(n) Displaying the file list

Touch the “FILE” switch.

The file list screen will be displayed.

If there are more than 6 files, touch “▲” or “▼” to change the page.

If you touch a file, that file will be played.

Up to 13 characters of file name can be displayed. However, file names may not be displayed correctly or at all, depending on the recorded content.

If you touch the “FOLDER” switch, the folder list screen will be displayed.



(o) Displaying the file information

Touch the “DETAIL” switch on the folder list or file list screen.

Up to 32 characters of album title, track, artist’s name or music genre can be displayed. However, some information may not be displayed correctly or at all, depending on the recorded content.

(p) If the player malfunctions

If the player or another unit equipped with the player malfunctions, your audio system will display the following error messages.

If “CD CHECK” appears on the display, it indicates that the disc is dirty, damaged or it was inserted up side down. Clean the disc or insert it correctly.

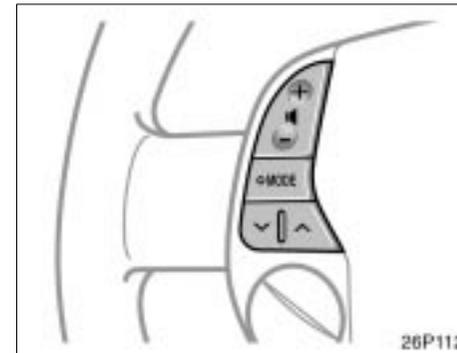
If “CD ERROR” appears on the display, the following causes are possible.

- There is trouble inside the system. Eject the disc.
- The inside of the player unit may be too hot due to the very high ambient temperature. Eject the disc and allow the player to cool down.

If “NO DATA DISC” appears on the display, it indicates that a disc with no MP3 or WMA data has been inserted. Remove the disc from the player and insert a MP3 or WMA data disc.

If the malfunction is not rectified, take your vehicle to your Toyota dealer.

Audio remote controls (steering switches)



The switches are installed on the left side of the steering pad.

“MODE” switch: Use this switch to change the mode. If a compact disc is not inserted, the “CD” mode is skipped. When you push the switch with the audio system turned off, the audio system turns on.

“+” and “-” switches: Use the switches to adjust the volume. Push “+” to increase the volume and “-” to decrease the volume. The volume continues to increase or decrease while the switch is being pressed.

(a) When the radio mode is selected

“^” or “v” switch: Push this switch for seek tuning or to select a station.

- To select a preset station, push the switch briefly. Do this again to select the next preset station.
- To seek a station, push and hold the switch until you hear a beep. Do this again to find the next station. If you push the switch on either side (“v” or “^”) during the seek mode, seeking will be canceled.
- 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.

(b) When the “CD” mode is selected

“^” or “v” switch: Use this switch to select a desired track or disc.

- Push this switch briefly to select a desired track.
- To select a desired disc, push and hold this switch until the desired number of the disc appears and you hear a beep.

(c) When the “MP3/WMA” mode is selected

“^” or “v” switch: Use this switch to select a desired file or folder.

- Push this switch briefly to select a desired file.
- To select a desired folder, push and hold this switch until the desired folder appears and you hear a beep.

CAUTION

Operate the switches with due care while you are driving to avoid accidents.

AUX adapter (Type 1 and Type 2 only)



An AUX adapter is installed in the rear console box.

By inserting a mini plug into the AUX adapter, you can listen to music from a portable audio device through the vehicle's speaker system.

To use the AUX adapter, switch to the AUX mode (external device mode) by pressing “DISC-AUX” button. When the AUX adapter is in use, “AUX” will appear on the display. To adjust the volume, turn the “PWR·VOL” knob.

When using a portable audio device connected to the power outlet or cigarette lighter, noise may occur during playback. If this happens, use the power source of the portable audio device.

If you install an audio system other than a genuine audio system, you will not be able to use the AUX adapter.

Audio system operating hints

NOTICE

To ensure correct audio system operations:

- ◆ *Be careful not to spill beverages over the audio system.*
- ◆ *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 40 km (25 miles). 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.

CARING FOR YOUR COMPACT DISC PLAYER AND DISCS

- The player is intended for use with 12cm (4.7 in.) discs only.
- Extremely high temperatures can keep your compact disc player from working. On hot days, use the air conditioning to cool the vehicle interior before you listen to a disc.

- Bumpy roads or other vibrations may make your compact disc player skip.
- If moisture gets into your compact disc player, you may not hear any sound even though your compact disc player appears to be working. Remove the disc from the player and wait until it dries.

CAUTION

Compact disc players use an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the player correctly.

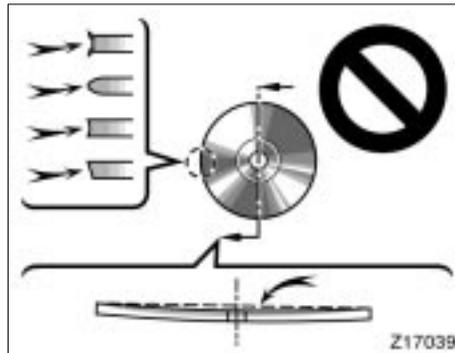


- Use only compact discs marked as shown above. The following products may not be playable on your compact disc player.

Copy-protected CD
CD-R (CD-Recordable)
CD-RW (CD-Re-writable)
CD-ROM



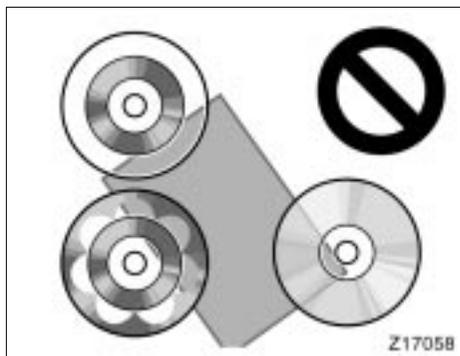
Special shaped discs



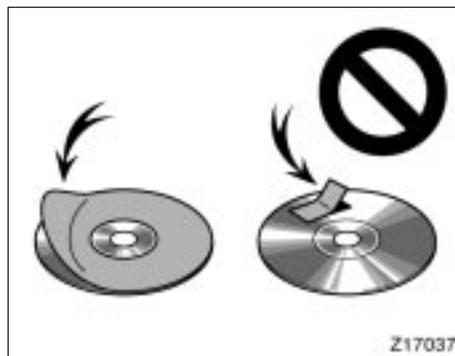
Low quality discs

NOTICE

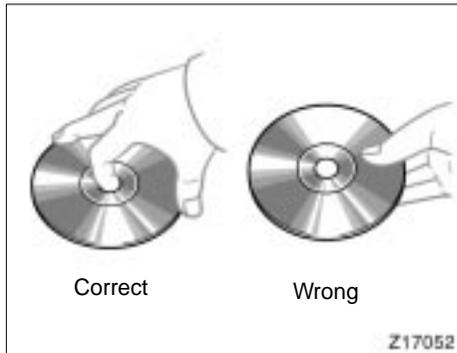
- ◆ Do not use special shaped, transparent/translucent, low quality or labeled discs such as those shown in the illustrations. The use of such discs may damage the player or changer, or it may be impossible to eject the disc.
- ◆ This system is not designed for use of Dual Disc. Do not use Dual Disc because it may cause damage to the player or changer.



Transparent/translucent discs



Labeled discs



- Handle compact 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 compact disc player when you are not listening to them. Store them in their plastic cases away from moisture, heat, and direct sunlight.



To clean a compact 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.
- Multi-session compatible CDs can also be played.
- 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

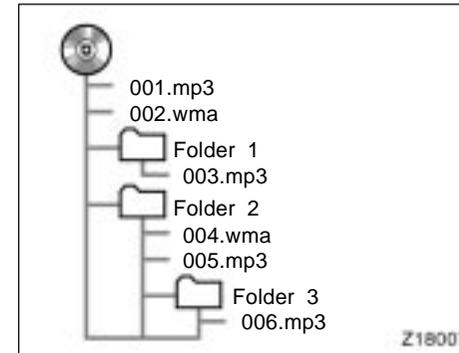
MPEG2 LSF LAYER3—64 to 160 kbps

WMA files:

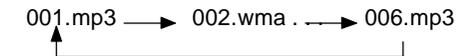
Ver. 7, 8 CBR—48 to 192 kbps

Ver. 9 CBR—48 to 320 kbps

- The MP3/WMA player does not play back MP3/WMA files from discs recorded using packet write data transfer (UDF format). Discs should be recorded using “per-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.



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



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.

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.

