SECTION 2 – 2

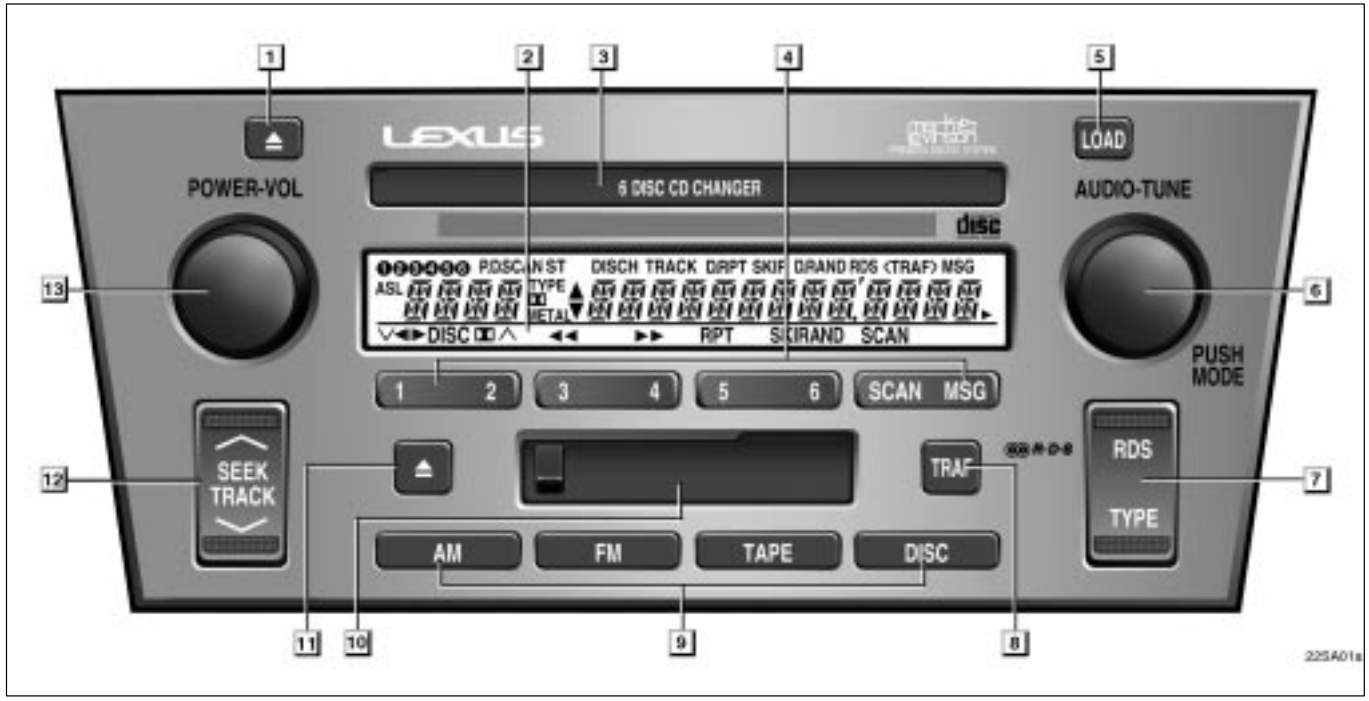
AIR CONDITIONING AND AUDIO

Audio

Audio system 166

AUDIO SYSTEM

Quick reference for your audio system



▶ ***You can adjust the brightness of the display. See “Instrument panel light control” on page 59 for details.***

The display may be tinged in purple due to the reflection of sunlight, but this is not a malfunction.

1 **Ejecting a compact disc**
(See page 181 for details.)

2 **Display of functions in TAPE or CD mode**

◀I▶ **:** Side change
(See page 179 for details.)

: DOLBY NR
(See page 178 for details.)

◀◀**:** Rewinding or reversing
(See page 179 or 184 for details.)

▶▶**:** Fast forwarding
(See page 179 or 184 for details.)

RPT: Automatic repeat
(See page 179 or 184 for details.)

SKIP: Automatic skip of blank portions of tape
(See page 179 for details.)

∨ ∧ : Disc selection
(See page 183 for details.)

RAND: Random access
(See page 185 for details.)

SCAN: Scan selection
(See page 183 for details.)

3 **Compact disc slot**
(See page 181 for details.)

4 **Function buttons**

1 – 6: Station selector buttons
(See page 174 for details.)

SCAN: Scan tuning
(See page 174 for details.)

MSG: Message button
(See page 177 for details.)

5 **Compact disc load button**
(See page 181 for details.)

6 **AUDIO–TUNE knob**
(See page 170 for details.)

7 **Radio data system/Program type**
(See page 175 for details.)

8 **Traffic announcement**
(See page 176 for details.)

9 **Mode selectors**
(See page 169 for details.)

10 **Cassette tape slot**
(See page 178 for details.)

11 **Stopping and ejecting a cassette tape**
(See page 178 for details.)

12 **Radio mode:** Seek tuning
(See page 174 for details.)

TAPE mode: Direct access to a desired program
(See page 180 for details.)

CD mode: Direct access to a desired program
(See page 184 for details.)

13 **Turning the system on and adjusting the volume**
(See page 169 for details.)

Using your audio system: some basics

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

Your audio system adjusts to the optimum volume and tone quality automatically when you are opening or closing the retractable hardtop. While the system is adjusting the audio sound, the audio sound fades out and then fades in.

Your audio system works when the ignition switch is in the "ACC" or "ON" position.

NOTICE

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

(a) Your audio system

Push this button to open or close the audio door.

⚠ CAUTION

Take care not to jam your hands while opening or closing the audio door. Otherwise, you could be injured.

NOTICE

To prevent your audio system from being damaged, keep the following in mind:

- ***Do not hold the door while it is opening or closing.***
- ***Do not open or close the audio door by your hands.***

(b) Turning the system on and off

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.

Push "AM", "FM", "TAPE" or "DISC" 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 tape or disc is not set, the cassette player or compact disc player does not turn on.

You can turn off the cassette player by ejecting the cassette tape. If the audio system was previously off, then the entire audio system will be turned off when you eject the cassette tape. If another function was previously playing, it will come on again.

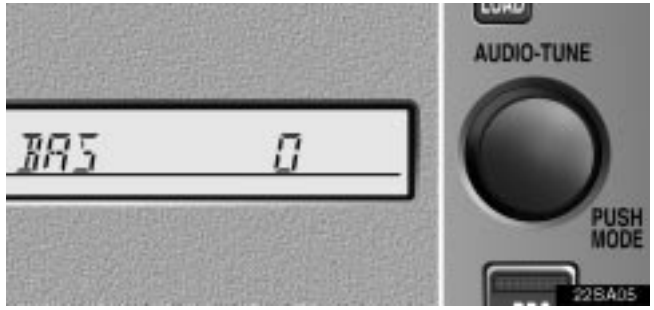
In the "TAPE" or "CD" mode, the applicable functions are shown in the lowest part of the display. Push the switch just below to turn on each function.

(c) Tone and balance

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.



Each time you push the "AUDIO–TUNE" knob, the display changes as in the following. To adjust the tone and balance or turn on or off the automatic sound levelizer, turn the knob.

BAS: Adjusts low–pitched tones.

MID: Adjusts mid–pitched tones.

TRE: Adjusts high–pitched tones.

BAL: Adjusts the sound balance between the right and left speakers.

FAD: Adjusts the sound balance between the front and rear speakers.

ASL: Turns on or off the automatic sound levelizer.

Automatic sound levelizer: 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. While the automatic sound levelizer is on, "ASL" appears on the display.

(d) Your radio antennas

The power antenna automatically extends when the radio mode or the “RDS” (Radio Data System) is on and retracts when it is off.

The wire antenna is mounted inside the windshield.

⚠ CAUTION

Before extending the antenna, confirm that no one is close enough to get injured.

NOTICE

- ***To prevent damage to the antenna, make sure it is retracted before driving your vehicle through an automatic car wash.***
- ***When cleaning the inside of the windshield, be careful not to scratch or damage the wire antenna.***
- ***Putting a window tint (especially, conductive or metallic type) on the windshield may affect the reception of radio or mobile telephone. For the installation of the window tint, consult with your Lexus dealer.***

(e) Your cassette player

When you insert a cassette, the exposed tape should face to the right.

NOTICE

Do not oil any part of the cassette player, and do not insert anything except a cassette tape into the slot.

(f) Your automatic changer

Your automatic changer can store up to 6 discs and play selected discs or continuously play all the discs set in the player.

When you set discs into the player, make sure their labels face up. If not, the player will display ”ERROR1” and the disc number.

NOTICE

- ***Never try to disassemble or oil any part of the compact disc player. Do not insert anything except a compact disc into the slot.***
- ***Do not insert a disc upon another one, or it will damage the automatic changer. Insert only one disc into the slot at a time.***

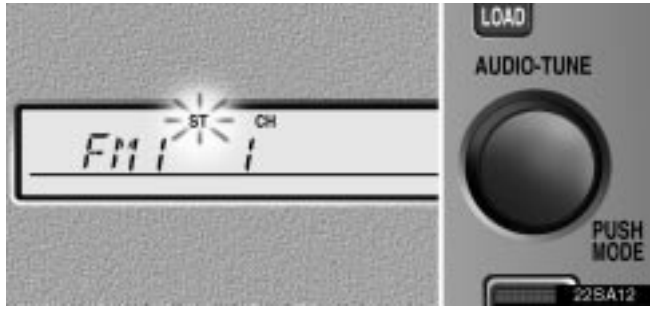
- CD–R (CD–Recordable), CD–RW (CD–Re–writable) and personal computer use CD–ROMs may not be playable on your compact disc player.
- Your compact disc player is intended for use with 12 cm (4.7 in.) discs only.

Radio operation

(a) Listening to the radio

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

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



Turn this knob to the right to step up the station band or to the left 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.

(b) Presetting a station

1. Tune in the desired station.

2. Push one of the station selector buttons (1–6) and hold it until a beep is heard. This sets the station to the button and the button number (1–6) appears on the display.

Each button can store one AM station and two FM 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 battery disconnection or a blown fuse.

(c) Selecting a station

Your Lexus has an electronic tuning radio (ETR). Tune in the desired station using one of the following methods.

Seek tuning: Push the ”SEEK” button. 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.

Preset tuning: Push the button (1–6) for the station you want. The button number (1–6) and station frequency appear on the display.

Manual tuning: Turn the “AUDIO–TUNE” knob. The radio will step up or down to another frequency.

To scan all the frequencies: Push the ”SCAN” button briefly. ”SCAN” appears on the display. The radio will find the next station up the band, stay there for a few seconds, and then scan again. To select a station, push the ”SCAN” button a second time.

To scan the preset stations: Push the ”SCAN” button until you hear a beep. ”P.SCAN” appears on the display. The radio will tune in the next preset station up 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.

(d) RDS (Radio Data System)

AF (Alternative Frequency) function: When the RDS is turned on, a station providing good reception is automatically selected if current reception worsens.

When you push the “RDS” button briefly during FM reception, the RDS turns on. “RDS” and “RDS SEARCH” appear on the display and the radio starts to search RDS stations.

If no RDS stations can be found, “NOTHING” appears and the display returns to the previous mode.

If RDS stations are found, “FOUND **ST” appears on the display (** indicating the number of stations which are found) in the FM TYPE mode and the RDS stations are preset by program type.

To turn off the RDS, push the “RDS” button until you hear a beep.

TYPE (Program type):

When you push the “TYPE” button while receiving an RDS station, the current program type appears on the display.

Each time you push the “TYPE” button, 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)

Emergency broadcast:

If an emergency broadcast is received during reception of other than AM broadcasting, you will hear a beep and “ALERT” appears on the display. Then an emergency broadcast will start. The volume of the emergency program is the same as TA volume level.

TRAF (Traffic) function: A station that regularly broadcasts traffic information is automatically located and broadcasts when the program starts.

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

If no traffic program station is found, “NO TRAF INFO” appears on the display for a few seconds and the display returns to the previous mode. However, if the “TRAF” button is pushed while in “TAPE” or “CD” mode, the radio will start seeking traffic program stations again after 20 seconds.

If a traffic program station is found, the name for traffic program station is displayed for a while until a traffic announcement is received. On reception of a traffic announcement, you will hear a beep and “TRAF ANNOUNCE” appears on the display for a few seconds.

After the traffic announcement program is over, a beep sounds and the display returns to the previous mode.

TA volume level: The volume of the traffic information program can be adjusted independently by turning the “POWER VOL” knob while a traffic program station is received.

Radio text message:

If the radio receives a radio text message during FM reception, “MSG” and a text message appears on the display. After the text message goes off, “MSG” also goes off.

After the text message goes off from the display, pushing the “MSG” button during message reception shows the text message again on the display.

The RDS audio system can store three messages consisting of 64 characters in memory. To store a message in memory, push the “MSG” button until you hear a beep.

If three messages are already stored in memory, the oldest message will be overwritten by the new message.

To recall a radio text message, push the “MSG” button. Each time you push the button, the available message will be displayed beginning with the newest one.

If there is no radio text message in memory and when no message is received, “NO MSG STORED” appears on the display. After this, the display returns to the previous mode.

Cassette tape player operation

(a) Playing a cassette tape

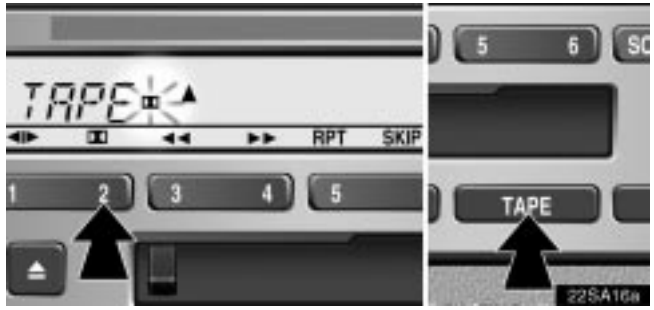
When you insert a cassette tape, the exposed tape should face to the right.

The player will automatically start when you insert a cassette tape. At this time, ”TAPE” appears on the display.

If a metal or chrome equivalent cassette tape is put in the cassette player, the player will automatically recognize it and ”METAL” appears on the display.

To stop or eject the cassette tape, push the ”EJECT” button.

Auto–reverse feature: After the cassette player reaches the end of a tape, it automatically reverses and begins to play the other side, regardless of whether the cassette was playing or fast forwarding.



If a cassette is already in the slot, push the ”TAPE” button.

Dolby® Noise Reduction* feature: If you are listening to a tape that was recorded with Dolby* Noise Reduction, push the button by the double–D symbol. The display will indicate that the Dolby noise reduction system is on.

The Dolby NR mode reduces tape noise by about 10 dB. For best sound reproduction, play your tapes with the Dolby NR on or off according to the mode used for recording the tape.

To play a tape recorded without Dolby NR, push the button again to turn off the Dolby NR.

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. ”DOLBY” and the double–D symbol DD are trademarks of Dolby Laboratories Licensing Corporation.

(b) Manual program selection

"Program" button: Push the " ◀I▶ " button to select the other side of a cassette tape. The display indicates which side is currently selected (▲ indicates top side, ▼ indicates bottom side).

"Rewind" button: Push the "◀◀" button to rewind a tape. "REW" appears on the display.

To stop rewinding, push the same button or "TAPE" button.

"Fast forward" button: Push the "▶▶" button to fast forward a cassette tape. "FF" appears on the display.

To stop fast forwarding, push the same button or "TAPE" button.

(c) Automatic program selection

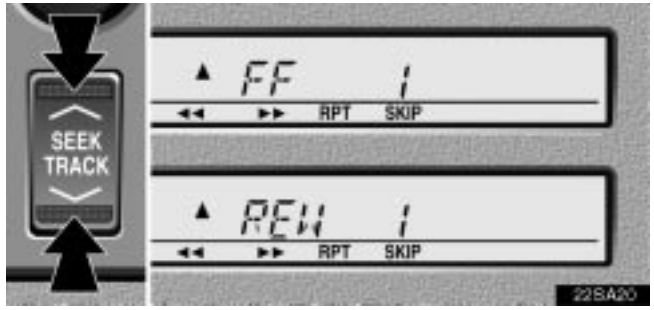
"RPT" button: The repeat feature automatically replays the current program.

Push the "RPT" button while the program is playing. When the program ends, it will automatically be rewound and replayed. Push the button again to turn off the repeat feature.

There must be at least 3 seconds of blank space between programs for the repeat feature to work correctly.

"SKIP" button: The skip feature allows you to fast forward past long stretches of blank tape. This is especially useful at the end of cassettes.

Push the "SKIP" button. The player will automatically skip any blank portions of 15 seconds or more and play the next program. To cancel it, push the button once again.



"Automatic program selection" button: The automatic program selection feature allows you to program your cassette player to skip forward or backward to locate the song you want to hear. You can skip up to 9 programs at a time.

Push this button on the upper side to skip forward. "FF" and the number will appear on the display. Push the button until the number you want to skip appears on the display. After that, the player will automatically skip forward.

When the end of the tape is reached, the player automatically reverses sides and resumes normal play.

Push this button on the lower side to skip backward. Push the button until "REW" and the number you want to skip appear on the display.

- If you set "REW 1", the player will rewind to the beginning of the current program.
- When counting the number of programs you want to rewind, remember to count the current program as well. For example, if you want to rewind to a song that is two before the song you are listening to, push this button until "REW 3" appears on the display.

When the beginning of the tape is reached, the player automatically resumes normal play.

There must be at least 3 seconds of blank space between programs for this feature to work correctly.

"RPT", "SKIP" or "Automatic program selection" features: These features may not work well with some spoken word, live or classical recordings.

Compact disc player operation

(a) Inserting or ejecting compact discs

The ignition switch must be in the ”ACC” or ”ON” position.

Your automatic changer can store up to 6 discs.

- **Setting a single compact disc:**

1. Push the “LOAD” button briefly.

The green indicators at both ends of the slot start blinking and “WAIT” appears on the display. After the blinking indicators stay on and the “WAIT” changes to the “LOAD”, the CD door opens.

2. Insert only one disc while the CD door is open.

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, ”ERROR1” and disc number appear 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 green indicators at both ends of the slot start blinking and “WAIT” appears on the display. After the blinking indicators stay on and the “WAIT” changes to the “LOAD”, the CD door opens.

2. Insert only one disc while the CD door is open.

The CD door closes and “WAIT” appears again.

3. Insert the next disc after the “WAIT” changes to the “LOAD” and the CD door opens.

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

To cancel the operation, push the “LOAD” or “DISC” button.

If you do not insert the discs within 15 seconds after pushing the “LOAD” button and “LOAD” is displayed, the operation will be canceled automatically.

NOTICE
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.

- **Ejecting a single disc alone:**

1. Push the "∨ " or "∧" button to display the disc number you want to eject.

2. Push the "EJECT" button for the compact disc briefly.

At this time, the display shows "EJECT" and the indicators at both ends of the slot as well as disc number light up.

- **Ejecting all the discs:**

Push the "EJECT" button for the compact disc until you hear a beep.

(b) Playing a compact disc

Push the "DISC" button if the discs are already loaded in the player.

"CD" 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 appear 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.

(c) Selecting a desired disc

Searching for a desired disc:

Push the "∨ " or "∧" button to select the disc number.

Push the button several times until the desired disc number appears on the display. When you release the button, the player will start playing the selected disc from the first track.

(d) Searching for a desired track or disc

Searching for a desired track:

Push the "SCAN" button briefly. "SCAN" will appear on the display. The compact disc player will play the next track for 10 seconds, then scan again. To select a track, push the "SCAN" button 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.

Searching for a desired disc:

Push the "SCAN" button until you hear a beep. With "D.SCAN" on the display, the program at the beginning of each disc will be played for 10 seconds. To continue listening to the program of your choice, push the button a second time.

After all the discs in the automatic changer are scanned in one pass, the scan function is cancelled.

(e) Selecting a desired track

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

Push either side of the "TRACK" button several times until the desired track number appears on the display. As you release the button, the player will start playing the selected track from the beginning.

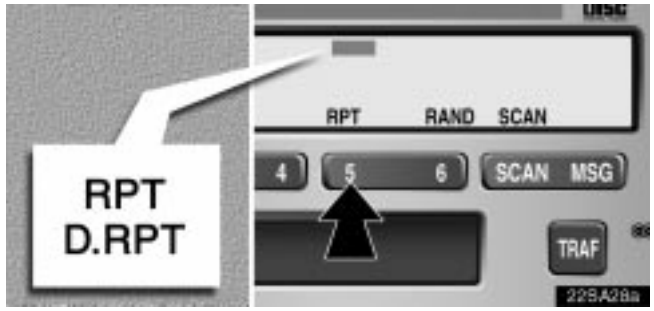
"Fast forward" button:

Push the "▶▶" button and hold it to fast forward the disc. When you release the button, the compact disc player will resume playing from that position.

"Reverse" button:

Push the "◀◀" button and hold it to reverse the disc. When you release the button, the compact disc player will resume playing.

(f) Repeating a track or a disc

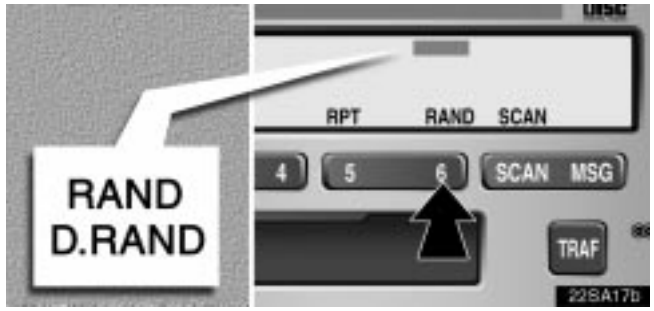


"RPT" button: There are 2 repeat features — you can either replay a disc track or a whole compact disc.

Repeating a track: Push the "RPT" button briefly while the track is playing. "RPT" will appear on the display. When the track ends, it will automatically be replayed. This process will be continued until you push the button again to turn off the repeat feature.

Repeating a disc: Push the "RPT" button and hold it until you hear a beep. "D.RPT" will appear on the display. The player will repeat all the tracks on the disc you are listening to. When the disc ends, the player will automatically go back to the top track of the disc and replay. This process will be continued until you push the button again to turn off the repeat feature.

(g) Random playing



"RAND" button: There are 2 random features — you can either listen to the tracks on all the compact discs in the player in random order, or only listen to the tracks on a specific compact disc in random order.

Random playing for the tracks on a disc: Push the "RAND" button briefly. "RAND" will appear on the display and play the disc you are listening to in random order.

Random playing for all the tracks in the automatic changer: Push the "RAND" button and hold it until you hear a beep. "D.RAND" will appear on the display and the player will perform all the tracks on all the discs in the automatic changer in random order. To turn off the random feature, push "RAND" a second time.

When a track is skipped or the system is inoperative, push the button to reset.

(h) If the player malfunctions

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

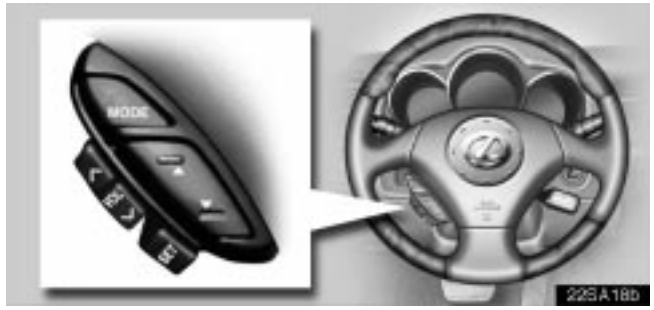
If "WAIT" appears on the display, it indicates that the inside of the player unit may be too hot due to the very high ambient temperature. Remove the disc from the player and allow the player to cool down.

If "ERROR 1" appears on the display, it indicates that the disc is dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly.

If "ERROR 3" or "ERROR 4" appears on the display, it indicates there is trouble inside the system. Eject the disc.

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

Steering pad switches



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

"MODE" switch: Push the "MODE" switch to select an audio mode. Each push changes the mode sequentially if the desired mode is ready to use. When you push the switch briefly with the audio system turned off, the audio system turns on. To turn off the audio system, push the switch and hold it until you hear a beep.

"VOL" switches: Push " ∧ " to increase the volume and " v " to decrease the volume. The volume continues to increase or decrease while the switch is being pressed.

"SET" switch: Push the "SET" switch to change to the preset volume. To preset the volume, adjust the volume and push the switch until you hear a beep.

"▼" or "▲" switch: The function in each mode is shown below.

(a) When the radio mode is selected

- Push this switch briefly to select a station that you assigned to a switch on the audio system.
- Push this switch and hold it until you hear a beep. The radio will begin seeking up or down for a station and stop on reception.

(b) When the "TAPE" mode is selected

- Push this switch briefly for automatic program selection. In automatic program selection, you can skip up to 9 programs at a time. For details, see page 179 for details.
- Push this switch until you hear a beep to fast forward or rewind the tape. To stop fast forwarding or rewinding, push the same side on the switch.

(c) When the "CD" mode is selected

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

⚠ CAUTION

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

Car 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 a cassette tape or compact disc into the cassette tape slot or compact disc slot.***
- ***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 cassette player and tapes

For the best performance for your cassette player and tapes:

Clean the tape head and other parts regularly.

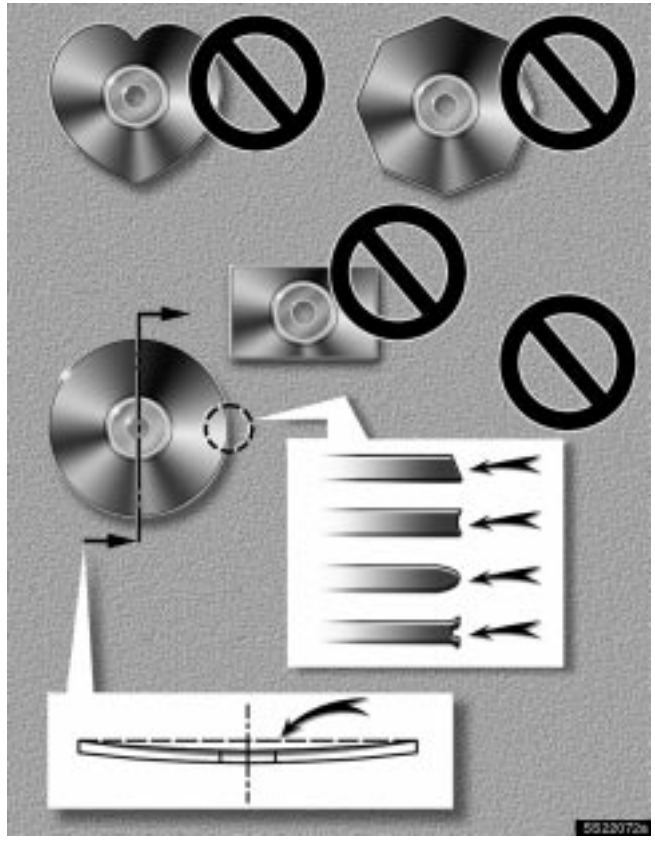
- A dirty tape head or tape path can decrease sound quality and tangle your cassette tapes. The easiest way to clean them is by using a cleaning tape. (A wet type is recommended.)

Use high–quality cassettes:

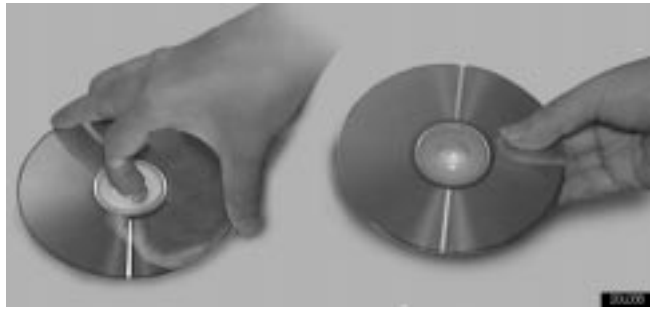
- Low–quality cassette tapes can cause many problems, including poor sound, inconsistent playing speed, and constant auto–reversing. They can also get stuck or tangled in the cassette player.
- Do not use a cassette if it has been damaged or tangled or if its label is peeling off.
- Do not leave a cassette in the player if you are not listening to it, especially if it is hot outside.
- Store cassettes in their cases and out of direct sunlight.
- Avoid using cassettes with a total playing time longer than 100 minutes (50 minutes per side). The tape used in these cassettes is thin and could get stuck or tangled in the cassette player.

Caring for your compact disc player and discs

- Use only compact discs labeled as shown above. CD–R (CD–Recordable), CD–RW (CD–Re–writable) and personal computer use CD–ROMs may not be playable on your compact disc player.
- Your compact disc player is intended for use with 12 cm (4.7 in.) discs only.
- Extremely high temperature can keep your compact disc player from working. On hot days, use 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. Eject all discs from the player and wait until the player dries.

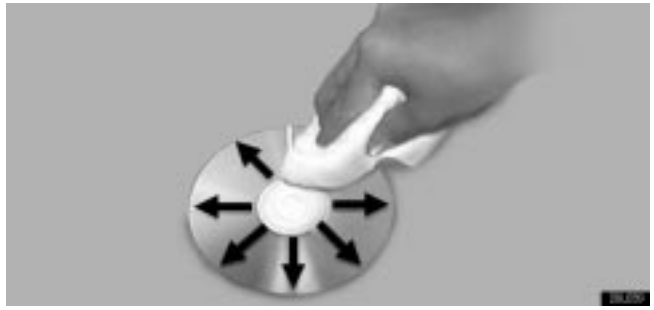


Your automatic changer cannot play special shaped, labeled or low–quality compact discs such as those shown here. Do not use them as the changer could be damaged.



▶*Correct* ▶*Wrong*

- Handle compact discs carefully, especially when you set them into the player. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.
- Dirt, scrapes, 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.)



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 a circle). Do not use a conventional record cleaner or anti–static device.

⚠ 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.