


SECTION VI

AUDIO SYSTEM

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Quick reference for your audio system

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► The "DISC" button works only when your Lexus is equipped with an automatic changer.

Audio System

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 works when the ignition key 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) Turning the system on and off



POWER-VOL: Push this knob to turn the audio system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

AUDIO: Push this button to display switches for audio system.



Push the "AM", "FM", "TAPE" or "DISC" 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 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.

Audio System



(b) Automatic sound levelizer

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

The switches for radio, cassette tape 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.

Audio System

(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.



Touching the "SOUND" switch on the screen displays the sound adjustment screen.



BASS "+" or "-": Adjusts low-pitched tones.

MID "+" or "-": Adjusts mid-pitched tones.

TREB "+" or "-": Adjusts high-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.

Audio System

(d) Your radio antenna

The wire antenna is mounted inside the rear window.

NOTICE

- *When cleaning the inside of the rear window, be careful not to scratch or damage the wire antenna.*
- *Putting a window tint (especially, conductive or metallic type) on the rear window may affect the reception of radio. 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 be 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



If your Lexus is equipped with an automatic changer, it can play selected discs or continuously play all the discs set in the magazine.

When you set discs into the magazine, make sure they face the correct way. If not, the player will display "ERROR" 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 magazine.

Audio System

The 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 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.

Audio System

(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

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

Preset tuning: Touch the switch (1–6) or push the "∧" or "∨" button of the "CH" button 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" knob briefly. Each time you turn the knob, the radio will step up or down to another frequency.

Seek tuning: Push the "∧" or "∨" button of the "SEEK" button and hold it until you hear a beep. 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.



Scan tuning: Touch the "SCAN" switch 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, touch the "SCAN" switch a second time.

Audio System

Preset scan tuning: Touch the "SCAN" switch 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, touch the "SCAN" switch a second time.

(d) RDS (Radio Data System)



AF (Alternative Frequency) function: A station providing good reception is automatically selected if current reception worsens.

This function switches over to the broadcasting station providing good reception within the same RDS network and is convenient for following the appropriate stations.



TRAF (Traffic) function: A station that regularly broadcasts traffic information is automatically sought 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 any traffic program station is not found, "NOTHING" appears and the previous mode returns.

Audio System

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. When traffic announcement program starts broadcasting, "Traffic" will appear on the screen.

After the traffic announcement program is over, the previous mode returns.

(e) TYPE (Program type)



When you touch the "RDS SRCH" switch during FM reception, "RDS SEARCH" appears and the radio starts to search RDS station.

If any RDS station cannot be found, "NO RDS Stations Found" appears and the previous mode returns.

If RDS stations are found, the stations are read and preset by program type. The FM TYPE mode screen displays the "*** RDS Stations Found" (** indicates the number of stations which are found) and then RDS stations appear in the order of frequency.

If in one program type, more than 6 stations are found, the 6 stations are preset in the order of the lower frequency.

Each time you push the "◀" or "▶", 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)

Audio System

(f) Emergency broadcast



If an emergency broadcast is received during reception of other than AM broadcasting, "Alert" appears and an emergency broadcast will start.

(g) Radio text message



If "MSG" appears during FM reception, touching the "MSG" switch displays the message display screen which indicates the text message from the RDS station.



If a new message is received with the first text message on the display, "MSG" appears on the corner of the screen again. When you touch the "LATEST MESSAGE" switch, the new message appears.

The RDS audio system has memory to store three messages consisting of 64 characters. To store a message in memory, touch the "STORE" switch until you hear a beep.

If 3 messages are already stored in memory, the oldest message will be overwritten by the new message.

Audio System

To recall a radio text message, touch the "RECALL" switch. Each time you touch the switch, the message will be displayed from the new one.

When you touch the "OK" switch, the previous screen returns.

Cassette tape player operation

(a) Playing a cassette tape



When you insert a cassette tape, the exposed tape should be 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 adapt to it and "MTL" appears on the display.

To stop or eject the cassette tape, push the "▲" button.




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® B Noise Reduction, touch the switch marked with the double_D symbol. The "DOLBY_B" will appear on the display. Touch the switch again to turn off Dolby® B NR.



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





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

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

(b) Manual program selection



Reverse switch: You can reverse the tape by touching the "|" switch or "**PROG**" button at the same time. The display will show the opposite direction after reversing the tape. Also if the tape reaches the end of one side, it is automatically reversed to the other side.

Fast forward and Rewind switches: You can fast forward or fast rewind by touching the "|" or "|" switch.

To stop the tape while it is fast forwarding, touch "", to stop the tape while it is rewinding, touch "".

If a tape rewinds completely, the cassette player will stop and then play the that same side. If a tape fast forwards completely, the cassette player will play the other side of the tape using the auto-reverse feature.

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.

Audio System

(c) Automatic program selection



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

Touch the **"RPT"** switch while the program is playing. When the program ends, it will automatically be rewound and replayed. Touch the switch 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" switch: The skip feature allows you to fast forward past long stretches of blank tape. This is especially useful at the end of cassettes.

Touch the **"SKIP"** switch. The player will automatically skip any blank portions of 15 seconds or more and play the next program. To cancel it, touch the switch 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 5 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.

Audio System

Compact disc player operation

The compact disc player is an optional accessory that your vehicle is pre-wired to accept. Although your audio system has a CD button, your vehicle may or may not be equipped with a CD player. Please contact your dealer for additional details if you would like to have the optional CD player installed.

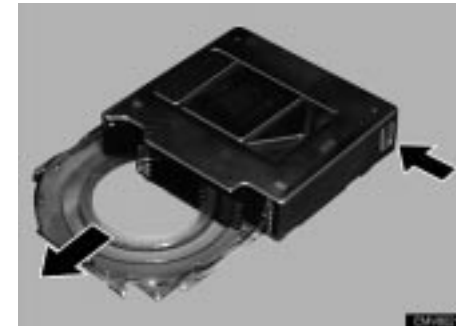
(a) Inserting compact discs



1. Push the lock release button and open the cover.

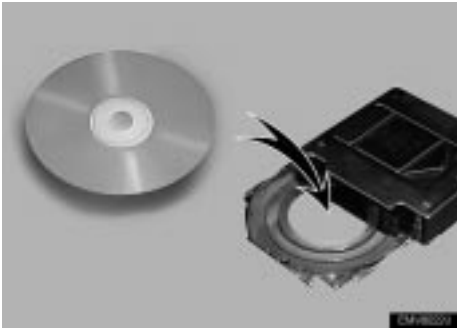


2. Push this button to eject the magazine.



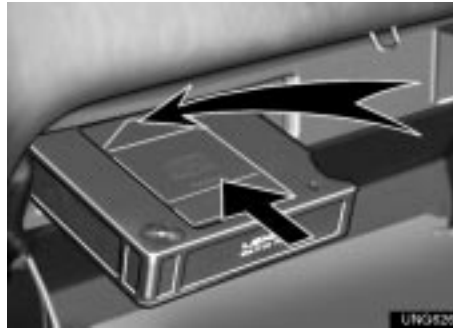
3. Pull out the tray while pushing the lock release button.

Audio System



4. Put a disc on the tray with its label face down and push the tray back into the magazine.

If the label faces up, the disc cannot be played. In this case, "ERROR" and the disc number appears on the display.



5. Insert the magazine into the player as indicated by the arrow head on the magazine and close the cover.

When the magazine is set completely, the system will be in a "Load" cycle for approximately 20 seconds while the system searches for discs in the magazine. Upon completion of this cycle, the CD unit will be ready to play. If the "DISC" button is pushed during the "Load" cycle, "CD SEEK" appears on the display until the system has completed the load cycle, after which the system will begin normal play.

⚠ CAUTION

To reduce the chance of injury in case of an accident or a sudden stop, always keep the cover closed while driving.



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

Audio System

(b) Playing a compact disc



Push the "DISC" button if the magazine is already loaded in the player.

"CD" appears on the display.

The discs set in the magazine 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 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.

(c) Selecting a desired disc



On the screen: 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.

On the audio panel: Push the "∧" or "∨" button of the "DISC" button.

When you release the button, the player will start playing the selected disc from the first track.

(d) Searching for a desired disc



Touch the "DISC SCAN" switch.

With "DISC SCAN" highlighted in green, the program at the beginning of each disc will be played for 10 seconds. To continue listening to the program of your choice, touch the "DISC SCAN" switch a second time.

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

Audio System

(e) Selecting a desired track



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

Push either side of the **"TRACK"** button and hold it 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: 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.

(f) 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.

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(g) 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.

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

Touch the switch while the disc is playing. 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 button once again.

"DISC RAND" switch: Use it for automatic track selection for all the discs and play by the system.

When the switch is touched, the system selects a track in the discs of all the magazines which are set and plays it. To cancel it, touch the switch once again.

When a track is skipped or the system is inoperative, touch the switch to reset.

"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.

(h) If the player malfunctions

If "WAIT" appears on the display, audio signals of the disc cannot be read or the system has trouble. Push the **"DISC"** button once again.

If the player does not operate, check that the disc surface is not soiled or damaged. If the disc is O.K., the following two causes are possible.

- Condensation may have occurred on the internal mechanism of the automatic changer. Open the cover to let the air circulate.
- The temperature of the player's internal mechanism is raised because of high external temperature. Remove the magazine from the player to cool it.

If the player still does not operate, take it to your Lexus dealer.

Audio System

Car audio system operating hints

NOTICE

To ensure the correct audio system operation:

- *Be careful not to spill beverages over the audio system.*
- *Do not put anything other than a cassette tape or CD magazine into the cassette tape slot or CD changer.*
- *The use of 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, the 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, and 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, lightning, or electrical motors. This results in static.

Caring for your cassette player and tapes

For high performance from your cassette player and tapes:

Clean the tape head and other parts regularly.

Audio System

- 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 cassette is thin and could get stuck or tangled in the cassette player.

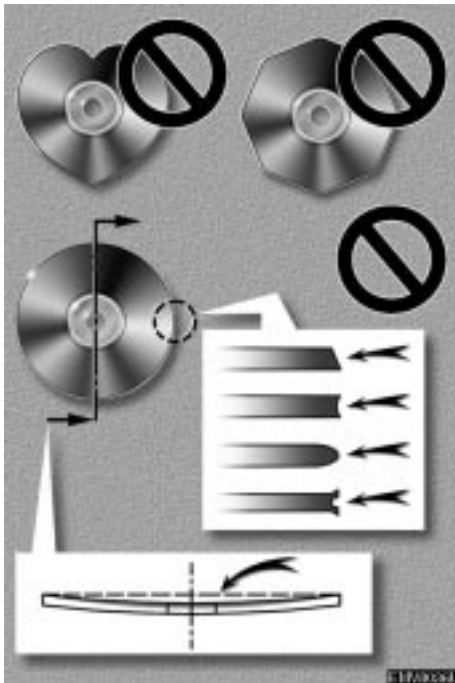
Caring for your compact disc player and discs



- Use only compact discs labeled as shown. 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. Remove the magazine from the player and wait until it dries.

Audio System



Your automatic changer cannot play special shaped or low-quality compact discs 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 magazine. 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.