

Lenox Sound[®]

**10 SECOND ESP PLUS[™]
ELECTRONIC SHOCK PROTECTION
PROGRAMMABLE COMPACT DISC PLAYER
WITH CAR ADAPTOR KIT**

MODEL CD-79

OPERATING INSTRUCTIONS



- **PLAYS ALL MUSIC COMPACT DISCS**
- **BASS BOOST SYSTEM**
- **6 DIGIT LCD VISUAL DISPLAY**
- **TRACK REPEAT & DISC REPEAT**
- **10 SECOND ESP (ELECTRONIC SHOCK PROTECTION) PLUS[™] SYSTEM**
- **DELUXE STEREO HEADPHONES INCLUDED**
- **CAR POWER CORD AND CASSETTE ADAPTOR INCLUDED**
- **AC ADAPTOR INCLUDED**
- **USES 2 SIZE "AA" BATTERIES (NOT INCLUDED)**
- **AUX OUT JACK - CONNECTS TO YOUR STEREO SYSTEM**

— PLEASE READ CAREFULLY BEFORE USE —

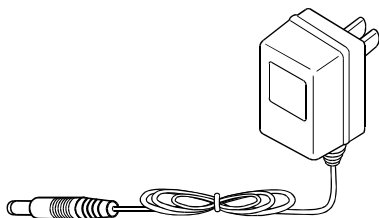
INTRODUCTION

Your new Lenoxx Sound model CD-79 portable compact disc player, uses the latest technology to give you crisp clean sound from all your compact discs.

Please read these operating instructions completely to take advantage of all the features of this set.

ACCESSORIES INCLUDED

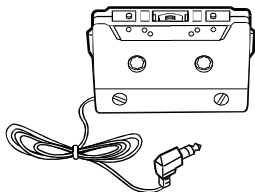
AC ADAPTOR



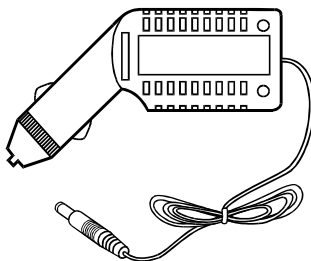
STEREO HEADPHONES



CAR CASSETTE ADAPTOR



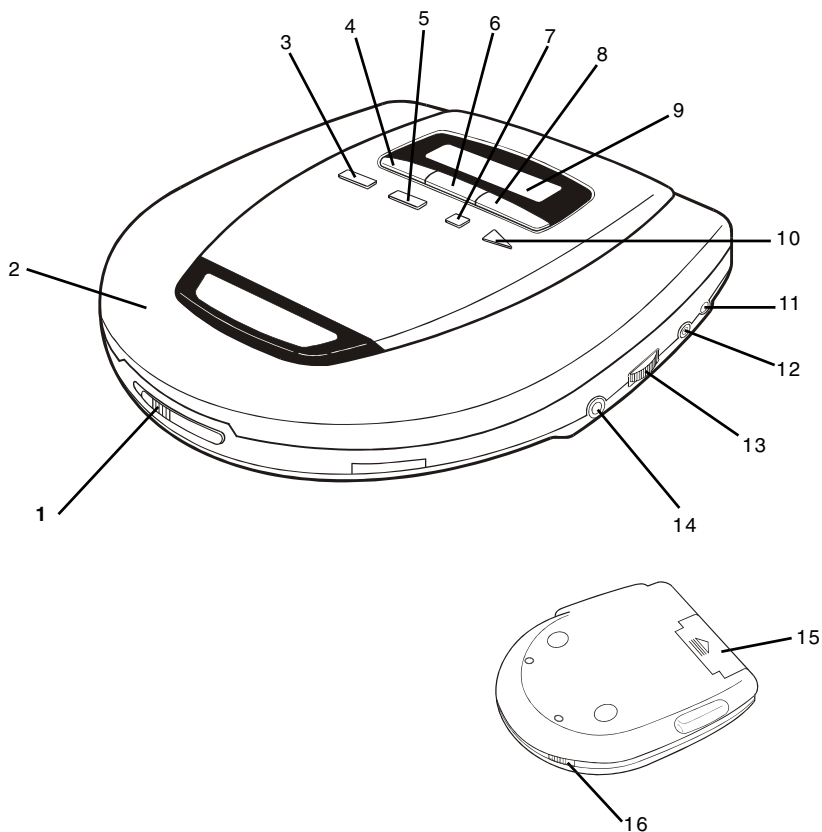
CAR CIGARETTE LIGHTER ADAPTOR



NOTE: Adaptor may look slightly different from above illustration.

LOCATION OF CONTROLS

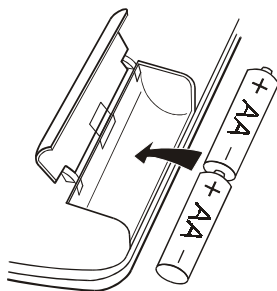
2



1. CD DOOR OPEN BUTTON (slide to open)
2. CD DOOR
3. BACKWARD SKIP/SEARCH BUTTON (◀◀)
4. PROGRAM BUTTON
5. FORWARD SKIP/SEARCH BUTTON (▶▶)
6. ESP+ (electronic shock protection) BUTTON
7. STOP AND POWER OFF BUTTON
8. REPEAT/RANDOM BUTTON
9. LCD DISPLAY
10. PLAY/PAUSE BUTTON
11. AC ADAPTOR JACK
12. AUX OUT JACK (for home stereo connection)
13. VOLUME CONTROL
14. PHONES JACK (headphones jack)
15. BATTERY DOOR
16. BASS BOOST SWITCH

1. Using with Batteries

Insert two size AA alkaline batteries according to the + and - markings in the battery compartment.



TIPS ON BATTERY USE


- Reversing polarities will damage the batteries and possibly your set. Be sure to follow polarity (+ and -) as indicated.
- Do not mix different types together (Alkaline, Carbon-Zinc, Nickel-Cadmium etc.), or old batteries with new ones.
- When not in use for an extended period of time, or while internal batteries will not be used, remove them to prevent possible acid leakage or corrosion resulting in damage to your player.
- When the batteries have become discharged, they must be disposed of in a safe manner that complies with all applicable laws.
- Installation of batteries should only be done by an adult (for safety).

ALKALINE BATTERY LIFE

Bear in mind that battery life expectancy is based upon volume and bass listening levels.

Maximum battery power consumption happens at maximum settings. Typical life for 2 size “AA” alkaline batteries is above 8 hours of continuous use.

WHEN FLASHES IN THE DISPLAY

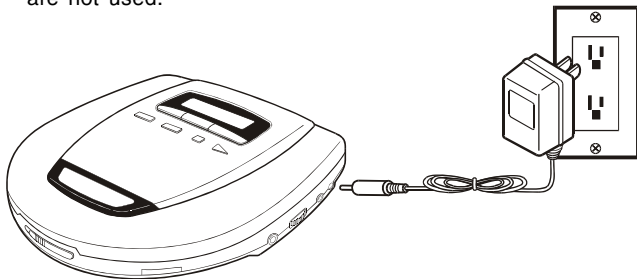
If the alkaline batteries are weak and discharged, this symbol “  ” flashes in the display, then the power automatically turns off. If this occurs, replace the alkaline batteries (also if display does not show anything, the batteries are dead).

NOTE: You may use rechargeable batteries on this set. However, because rechargeable batteries generally have lower voltage (1.2 volts instead of 1.5 volts). Your playing time will be much less than normal fresh alkaline batteries.

2. Using AC Power

Your player may be powered from any household 120V AC outlet, using the AC adaptor included. Insert the adaptor's small connector plug into the DC 4.5V Jack marked \ominus \oplus on player (on the right side of the set), and plug the adaptor into an AC outlet.

NOTE: If the AC Adaptor is connected, and regular batteries are installed, the player automatically switches to the AC Adaptor power and the batteries are not used.



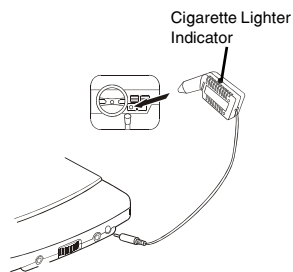
CAUTION:

To prevent electric shock, do not use this AC Adaptor with an extension cord or outlet, unless it can be fully inserted without exposing any part of the blades. Do not use any other AC adaptor to power this set or you may damage your set.

3. Using Cigarette Lighter Adaptor

Use the cigarette lighter adaptor to supply power to your player and conserve battery life when using the CD player in a car (no batteries are needed).

- Plug the adaptor into the car cigarette lighter. Insert firmly, and the cigarette lighter indicator will light up.
- Plug the other end into the DC 4.5V Jack on the right of the set.
- If there is no power, your fuse may have blown. To change fuse on cigarette lighter adaptor, unscrew the tip. Replace only with same 1A 250V fuse.



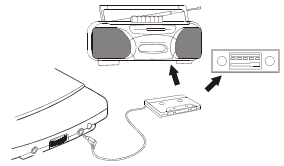
CAUTION:

- Use this set only with the supplied cigarette lighter adaptor. Use with other cigarette lighter adaptors could damage the set.
- When the inside of the cigarette lighter socket is dirty with ashes, the plug section may become hot due to poor contact. Be sure to clean your car cigarette lighter socket before use.
- After use, disconnect the cigarette lighter adaptor plugs from both the set and the cigarette lighter socket.
- The cigarette lighter adaptor may cause interference with reception to the car radio. If this happens, disconnect the cigarette lighter adaptor from the cigarette lighter socket.
- Do not leave the cigarette lighter adaptor plugged in without your car's motor running, your car's battery may drain in some models of cars that supply power to the cigarette lighter plug even with the car's keys removed.

CASSETTE ADAPTOR

The car cassette adaptor allows you to use your CD player with your car stereo cassette system or portable audio cassette system.

1. Insert the car cassette adaptor in the same direction as you would insert an audio cassette tape, with the side marked **THIS SIDE UP** facing upwards.
2. If the car cassette adaptor cord is on the wrong side of the tape, reposition the cord by following the instructions below.
3. Insert the car cassette adaptor stereo plug into the **AUX OUT** jack on the right of the CD player.
4. Turn on the cassette player. Press **PLAY** button on the cassette player.
5. Press **PLAY** on the CD player.
6. Adjust the volume on your cassette player.
7. When done, leave the cassette player on and first eject the adaptor, then turn off cassette player.



TO AUX OUT JACK

Reposition the cord

The cord should extend out from the cassette player when the cassette is inserted (direction depending on your tape player).

1. To reposition the cord, remove the top plate by removing 2 screws with a dime (see Fig. 1).
2. Reposition the cord so that it comes out from other positions (see Fig. 2).
3. Replace the cover and the screws.

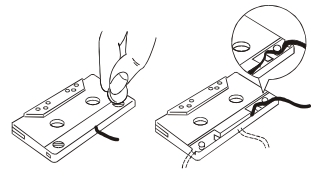


Fig. 1

Fig. 2

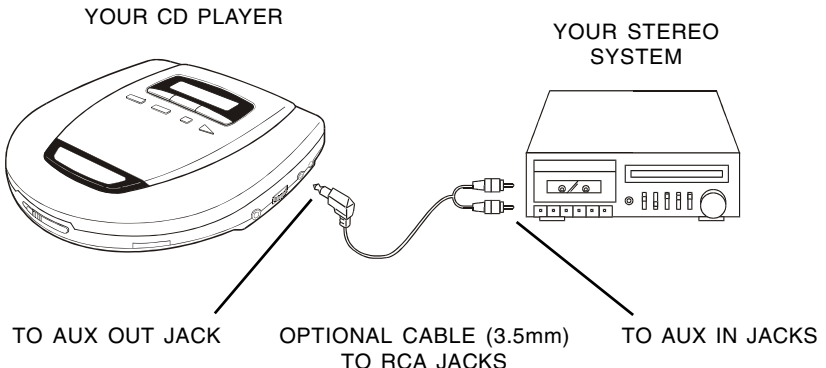
Remove two large screws with a dime or screwdriver

Move cord to desired position (three cord positions)

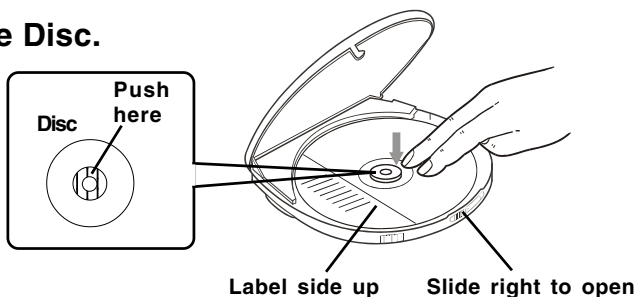
NOTE: The car cassette adaptor has the play head on one side only. If the cassette adaptor keeps ejecting out, or the sound is weak, press the **REVERSE** button on your cassette player to change direction or reverse the adaptor.

CONNECTING TO HOME STEREO SYSTEMS

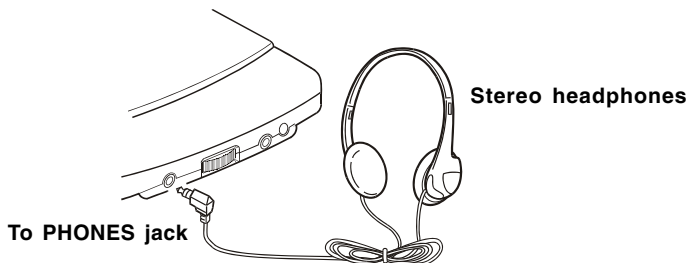
The **AUX OUT** jack is made to accept a stereo mini plug (3.5mm). Simply connect the cable's mini plug to the **AUX OUT** jack on your player, and the other appropriate end usually **RCA JACKS** to the **CD/AUX INPUTS** of your home stereo.



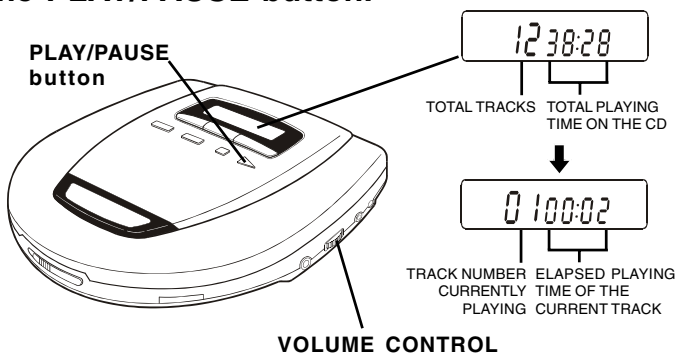
1 Load the Disc.



2 Connect the Headphones.



3 Press the PLAY/PAUSE button.

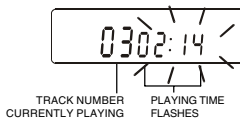


4 Adjust the Volume.

Operation ● **Press** ● **Display window shows**

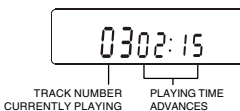
To pause play

PLAY/PAUSE
button



To release pause
and resume play

PLAY/PAUSE
button



To stop

STOP button



To turn off the power

STOP button once and wait 30 seconds, or press
STOP button twice

To skip to the next track(s)

▶▶ once (or repeatedly)

To skip to the previous track(s)

◀◀ once (or repeatedly)

To go ahead at high speed
(search)

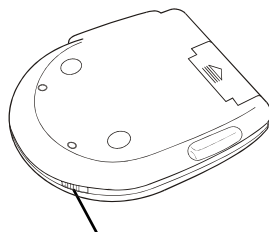
Keep ▶▶ depressed and release when the
desired music section of the disc is found.

To go back at high speed
(search)

Keep ◀◀ depressed and release when the
desired music section of the disc is found.

BASS BOOST switch

This switch enhances the low frequency (bass) sounds at low listening levels. Switch this ON or OFF to suit your taste.



BASS BOOST switch

REPEAT, INTRO AND RANDOM PLAY

8

You may have repeat, intro or random play using the REPEAT/RANDOM button. Press the REPEAT/RANDOM button several times, and the display will show the followings in turn:

REPEAT 1 --> REPEAT ALL --> INTRO --> SHUFF (RANDOM) --> NORMAL PLAY

Single Track Repeat

Plays one song over and over till you press STOP.

During play, select the song you want to repeat with either of the SEARCH buttons (◀◀ or ▶▶), then press the REPEAT/RANDOM button once, the symbol **REPEAT 1** appears in the display.

The song currently playing will repeat over and over, until you press STOP.



All Tracks Repeat

Repeats all songs in order, till you press STOP.

During play, press the REPEAT/RANDOM button twice, the symbol **REPEAT ALL** will show in the display.

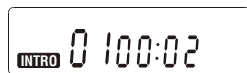
All songs will keep playing in sequence 1, 2, 3, etc. and when finished, will start all over again until you press the STOP button.



Intro Play

This plays the first 10 seconds of songs in sequential order.

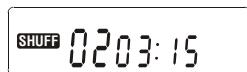
1. During play, press the REPEAT/RANDOM button three times, the word **INTRO** will flash in the display.
2. Press the PLAY button, the word **INTRO** will stop flashing and the first 10 seconds of **each** song on the CD will play in sequential order.
3. When you find a song you like, press the PLAY button, normal play will be resumed, that song (and the following songs) will play **NORMALLY**.



Random Play

This plays the songs on the disc in a random order.

1. During play, press REPEAT/RANDOM button four times the word **SHUFF** will flash.
2. Press the PLAY button, this will play all of the songs in random order selected by the CD player. The word **SHUFF** will stop flashing.
3. Press the SEARCH button ▶▶ to skip to the next random song.



PROGRAM PLAY

The tracks (songs) on the disc can be programmed (arranged in advance) to play in any order you prefer (up to 20 tracks can be programmed).

Programming Example:

Program Number	1	2	3	4	5	6	7	8	etc.
Track Number (song number)	3	5	8	1	2	4	1	1	etc.

During programming, the word **PROG** flashes in the display. To program songs to play in your preferred order, follow steps below:

1. During play, press the PROGRAM button.



The word **PROG** will flash in the display.



Program number

2. Press the SEARCH button (◀◀ or ▶▶) to select track number 3 (example). **PROG** and track number "03" will flash in the display.



Track number

3. Press the PROGRAM button. Track 3 is now programmed.

Program #2 will now show in the display, ready for your next selection of track.



4. Repeat steps 2 and 3 to program other tracks till you finish (up to 20 selections).

5. After programming is finished, press PLAY to begin programmed play. **PROG** changes to be steady on in the display, and music begins to play in the order you programmed.



NOTE:

- The player will stop automatically after all programmed tracks have been played.
- To quit programmed play, press STOP button once. Then you may press PLAY button to re-start normal play.

Your programming will be lost:

- When the alkaline batteries are exhausted or removed, or the AC ADAPTOR is disconnected.
- When the power is shut off or the CD DOOR is opened.

10 SECOND ESP PLUS™ SYSTEM

10

This set is designed with 10 second **ESP** (Electronic Shock Protection) **PLUS™** - which allows virtually unlimited gentle skip protection, and 10 second normal shock protection.

The **ESP PLUS™** function prevents the sound from skipping by using a buffer memory that stores music data. The new **ESP PLUS™** system can store more music than normal anti-skip systems.

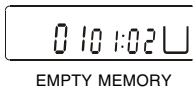
This new design allows gentle swaying of the set without music skipping as in walking. This set will not work during jogging.

Press the **ESP+** button to turn on the **ESP PLUS™** system. Press it again to turn it off.



When the **ESP PLUS™** function is switched ON or OFF during play, the sound will be interrupted for a few seconds. This is normal.

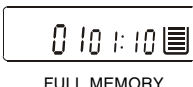
When the **ESP+** button is pressed during play, the "□" (memory basket) indicator will appear in the display, the digital data equivalent to approximately 10 seconds of music is stored in the "read-ahead" memory buffer before it is decoded and played.



EMPTY MEMORY

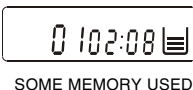
The "□" mark changes to the "▣" mark, indicating that the memory buffer (basket) is full.

- When the set is subject to a shock or a bump during play, the data stored in memory continues to be decoded and played. This gives the pickup time to stabilize and continue reading new music. As the data is used from memory, the indicator changes from "▣" to "▢". Once the pickup returns to its original position, new data is stored in memory and the display changes back to the "▣" mark.

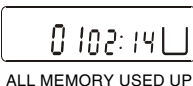


FULL MEMORY

- If the set is subject to repeated shocks and all the data stored in memory is used up, the "□" mark is displayed and the sound will skip or stop for a brief period until the memory basket has time to fill up again.
- To turn off the 10 second **ESP PLUS™** function, press the **ESP+** button again.
- Keep the digital **ESP PLUS™** function off when using the set in a stable, no vibration area, where it will not receive shocks. The batteries will last longer when the **ESP** function is off.



SOME MEMORY USED



ALL MEMORY USED UP

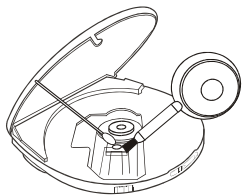
NOTE:

- The music may stop if the player receives continuous shocking.
- You may hear noise or skipping if the CD is dirty or scratched.
- If during **ESP** play, you press **PLAY/PAUSE**, or **SEARCH** buttons, the memory basket will empty itself temporarily.

MAINTENANCE

Cleaning the lens

A dirty lens will cause sound skipping. If the lens is very dirty, the player may not work. We suggest using a special cleaning disk (not included) available in most music and Hi-Fi stores. However, if you do not have one, you may use a cotton swab very slightly dampened with alcohol to clean the lens.

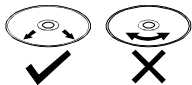


Cleaning the cabinet

Wipe with a soft cloth. If the cabinet is very dirty, dampen (not dripping wet) the cloth with a weak solution of soapy water, and then wipe clean.

Cleaning the Discs

- Fingerprints should be carefully wiped from the surface of disc with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic dirt, so gently wiping them with a soft cloth should remove most particles. Wipe in a straight motion from the center to the edge.



- Never use thinner, benzine, record cleaner or antistatic spray on a compact disc. Such chemicals can damage its plastic surface.

Handling Compact Discs

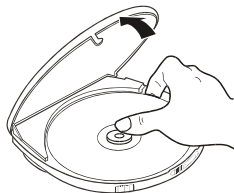
- Dirty, scratched or warped discs may cause skipping or noise.
- Handle the disc only by the edges. To keep clean, do not touch its surface.



- Discs should be stored in their cases after use to avoid scratches.
- Do not expose discs to direct sunlight, high humidity, high temperatures, or dust, etc. Prolonged exposure to extreme temperatures can warp the disc (such as leaving the discs in your car during summertime).
- Do not stick or write anything on either side of disc. Sharp writing instruments, or the inks used in some felt-tip pens, may damage its surface.

To remove the Disc

Open the CD DOOR by sliding the **DOOR OPEN** button, hold the disc by the edge while slightly pressing on the center spindle as illustrated, then lift it from the edge to release and remove.



NOTE

Always press the STOP button and wait for the disc to stop rotating before sliding the DOOR OPEN button to remove the disc.

SAFETY PRECAUTIONS

12

Do not take the set apart. The laser beam used in the set may harm your eyes. Refer servicing to qualified service personnel only.

Do not insert pins or coins, clips, or any objects inside the set.

This set is equipped with a safety device which automatically turns the laser beam off when the CD door is opened.

Do not drop the set or subject it to strong shocks. Doing so could result in damage.

Do not place the set in locations where the temperature is high, or in humid or dusty locations, or locations with long heavy vibrations, or tilted surfaces.

The set's cabinet may warp or the set may be damaged if it is placed in direct sunlight, near heaters (where the temperature is 140°F/60°C or higher) or in cars with the windows closed. In the summer, the temperature may get as high as 212°F/100°C or more.

Use the set within a temperature range of 41°F/5°C to 95°F/35°C.

Use **ONLY** the AC Adaptor provided, others may damage your set. Disconnect the Adaptor from the wall outlet when the set is not to be used for an extended period of time (3 days or more).

When cleaning your set, use a soft dry cloth. Do not use solvents or commercially available cleaners, as they may damage or discolor the finish.

Do not wear headphones while operating a motor vehicle. This could create a traffic hazard and is illegal in many areas. Do not use this set when bicycling or running.

The headphones supplied with your set provide superb stereo listening while allowing you to hear some outside sounds when listening at normally low volume levels. Listening at extremely high volume levels minimizes the intrusion of outside noise/sounds. In the interest of safety, it is strongly advised against the use while engaging in activities where the exclusion of external sounds (whistles, horns, sirens, traffic, etc.) could be hazardous. Also loud volume can hurt your ears. If you notice that the sound has become weak or distorted or if tracks do not change, this is an indication that your batteries are weak. Replace both batteries at the same time (see Using with Batteries). Your CD-79 is identified by a serial number located in the Battery Compartment. Record this number in the space provided below.

Model CD-79

Serial No.

Date Purchased:

This manual contains detailed information on its safety and use. Please read it carefully so that you may take full advantage of its many features, and ensure a safe reliable operation. Keep this manual for future reference.

CONDENSATION

If cold water is poured into a glass, water droplets form on the outside of the glass. This is called condensation. Condensation may occur on internal operating parts of the lens.

Condensation occurs:

When the set is brought from the cold outdoors into a warm room, or if it is in a cold room to a room which is heated, or in the summer, if the set is moved from an air-conditioned room or car to a hot or humid location.

Should condensation occur, the set may not operate properly. Open the CD DOOR and wait for about 20 minutes (to allow the internal parts to adjust to the surrounding temperature) before using the set.

IMPORTANT REQUIREMENT BY THE FCC 13

Since the CD circuitry may cause interference to other radios nearby, switch this set off when not in use or move it away from the affected radios.

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

NOTE: 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.

SAFETY CERTIFICATION

This Compact Disc Player is made and tested to meet safety standards of the FCC requirements and comply with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

WARNING

- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- Unauthorized recording of copyrighted material may violate laws. Do not copy songs without permission of the copyright holder.

LASER SAFETY

THIS SET EMPLOYS AN OPTICAL LASER BEAM SYSTEM IN THE CD MECHANISM, DESIGNED WITH BUILT-IN SAFEGUARDS. DO NOT ATTEMPT TO DISASSEMBLE. EXPOSURE TO THIS INVISIBLE LASER LIGHT BEAM MAY BE HARMFUL TO HUMAN EYES. THIS IS A CLASS-1 LASER PRODUCT. USE OF ADJUSTMENTS OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS LASER LIGHT BEAM EXPOSURE. THIS COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT QUALIFIED SERVICE PERSONNEL. THE LASER MECHANISM IN THE SET CORRESPONDS TO THE STYLUS (NEEDLE) OF A RECORD PLAYER. ALTHOUGH THIS PRODUCT USES A LASER PICK-UP LENS, IT IS COMPLETELY SAFE WHEN OPERATED ACCORDING TO DIRECTIONS.

Symptoms	Causes	Solutions
Tracks do not change or set does not play normally.	Batteries are weak (they may test OK on tester but they are weak for CD operation).	Replace both batteries with fresh alkaline batteries. Battery life with fresh batteries is above 8 hours (rechargeable batteries have 1/2 of that life).
CD Player will not turn on.	Dead or weak batteries.	Replace both batteries with fresh ones.
	AC Adaptor not connected properly.	Check AC Adaptor connection at AC outlet and the right side of set.
Disc will not play.	Disc inserted incorrectly.	Re-insert disc with label side facing up.
	Defective compact disc.	Try another compact disc.
	CD DOOR not closed.	Close the door securely.
	Moisture has formed inside the CD deck.	Take out the CD and leave the CD DOOR open for about 20 minutes to dry the moisture condensation.
No sound from headphones.	Headphone plug not inserted properly.	Re-insert headphone plug into PHONES jack (not AUX OUT).
	VOLUME control set to minimum.	Increase the volume.
	Weak batteries.	Replace with fresh batteries or use AC Adaptor.
	Defective compact disc.	Try another compact disc.
VOLUME control has no function.	Headphones plugged into AUX OUT jack.	Plug headphones into PHONES jack. (NOT THE AUX OUT JACK)
Sound is skipping or sound stops.	The compact disc or lens is dirty or CD is scratched.	Clean or replace the compact disc or clean the lens.
	Strong vibrations.	Press the ESP+ button to start the ESP Plus™ function, or place the player on a stable level.
Sound is distorted.	Music is too loud.	Lower the VOLUME control.
	BASS BOOST is ON .	Slide BASS BOOST switch to OFF.
	Weak batteries.	Replace both batteries or use AC Adaptor.
Buttons do not work.	Electronic or static error caused circuitry to lock.	Remove batteries and Adaptor. Wait 15 seconds and re-insert. Make sure batteries are fresh or Adaptor has power.
Car Cassette Adaptor ejects from radio.	Your car may have special cassette player.	Press the REVERSE button on your cassette player or reverse the adaptor.
Cigarette Lighter Adaptor has no power or Cigarette Lighter Indicator does not light up.	Poor contact.	Insert Adaptor firmly and fully (make sure socket is clean).
	Fuse is blown.	Unscrew Adaptor tip and replace fuse inside the Adaptor. Also check the Car's fuse.

TECHNICAL SPECIFICATIONS

CD Player Section

Frequency response	50Hz - 15kHz (+1/-2 dB)
Wow and flutter	Below measurable limits
Sampling frequency	44.1KHz
D/A converter	1-bit
Error correction method	CIRC
Pickup	Optical 3-beam semiconductor laser (780 nm wavelength)
Laser diode material	GaAlAs
Laser output less than	44.6 μ w

NOTE: This CD player will only play **NORMAL** music CDs (or CD-R CDs).
This set will not play **CDRW** encoded discs.

General

Maximum output (stereo headphones)	20mW + 20mW
Power Supply	
AC adaptor	120V/60Hz
DC	3V: Using 2 size "AA" batteries
Set Dimensions (approximate)	
Width	5 1/4"
Depth	6"
Height	1 1/8"
Weight (approximate)	9.5oz. (270g) (set only)

Because the products are subject to continuous improvement, Lenoxx reserves the right to modify product designs and specifications without notice and without incurring any obligation.

For customer service Dial 1-800-315-5885

(MONDAY - THURSDAY 09:00 AM - 5:00 PM, FRIDAY 09:00 AM - 1:00 PM EST)

© 2000 LENOXX ELECTRONICS CORP.
2 GERMAK DRIVE
CARTERET, N.J. 07008
<http://www.lenoxx.com>
MADE & PRINTED IN CHINA