

# **AM/FM DIGITAL RADIO COMPACT DISC DISC PLAYER WITH 40 SECOND ESP PLUS™ ELECTRONIC SHOCK PROTECTION**

**MODEL CD-91  
OPERATING INSTRUCTIONS**



- **DIGITAL AM/FM RECEIVER**
- **5 AM & 5 FM PRESET STATION BUTTONS**
- **PLAYS ALL MUSIC COMPACT DISCS**
- **6 DIGIT LCD VISUAL DISPLAY**
- **TRACK REPEAT & DISC REPEAT**
- **40 SECOND ESP PLUS™ SYSTEM**
- **AC ADAPTOR INCLUDED**
- **USES 2 SIZE "AA" BATTERIES (NOT INCLUDED)**
- **AUX OUT JACK - CONNECTS TO YOUR STEREO SYSTEM  
(PATCH CORD NOT INCLUDED)**

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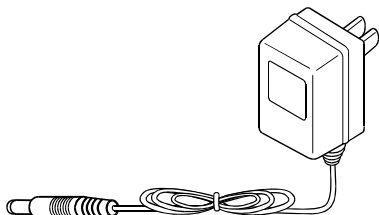
PLEASE READ CAREFULLY BEFORE USE

## INTRODUCTION

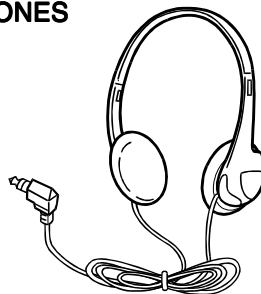
Your new Lenoxx Sound Model CD-91 portable compact disc player with digital radio, uses the latest technology to give you crisp clean sound from all your compact discs, and digital AM/FM radio reception. Please read these operating instructions completely to take advantage of all the features of this set.

### ACCESSORIES INCLUDED

#### AC ADAPTOR



#### STEREO HEADPHONES



## POWER SOURCES

Your CD player requires 2 size "AA" alkaline batteries (not included), or the AC Adaptor (included).

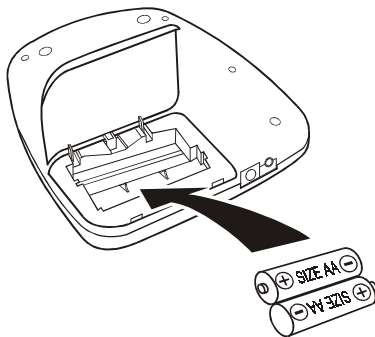
## BATTERY OPERATION

1. Apply slight downward thumb pressure on Battery Door (marked open), and gently slide it in an outward direction to open the door.
2. Insert 2 size "AA" fresh alkaline batteries according to + and - polarity markings inside the battery compartment. For longer operating life, heavy duty alkaline batteries are recommended (also see TIPS ON BATTERY USE).
3. Close the Battery Door, making sure it is snapped into place.


**NOTE:** If you will not use your set for one week or more, remove the batteries and unplug the AC Adaptor from the wall outlet.

## TIPS ON BATTERY USE

- Reversing polarities will damage the batteries and possibly your set. Be sure to follow + and - markings 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.
- Bear in mind that battery life expectancy is based upon volume and bass listening levels and if ESP PLUS circuitry is used. Using the ESP PLUS feature consumes more power. Maximum battery power consumption happens at maximum settings. Typical life for 2 size "AA" alkaline batteries is about 8 hours of continuous use. If the set fails to switch tracks, or if it shuts off, your batteries are weak. Replace both batteries, or use the AC Adaptor.
- When the batteries have become discharged, they must be disposed of in a safe manner that complies with all applicable laws.



## BATTERY REPLACEMENT

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

- This set can be used without batteries as long as the supplied AC Adaptor is connected.

**NOTE:** When proper power is in use, the "  " symbol will be steady on (not flashing).

**TECHNICAL NOTE:** Because of the special integrated circuits and servomotor in this set, this set will not work with weak batteries, it will automatically shut off if the batteries get too weak for proper operation.

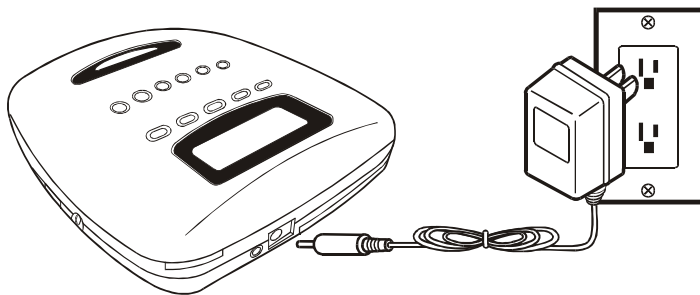
## BATTERY RECOVERY

When batteries get weak and cause the set to stop, if you wait about 30 minutes, the batteries will regain a small amount of capacity and play for a few more minutes. This does not mean the set is defective. Replace both batteries or use the AC Adaptor.

## AC ADAPTOR OPERATION

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

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

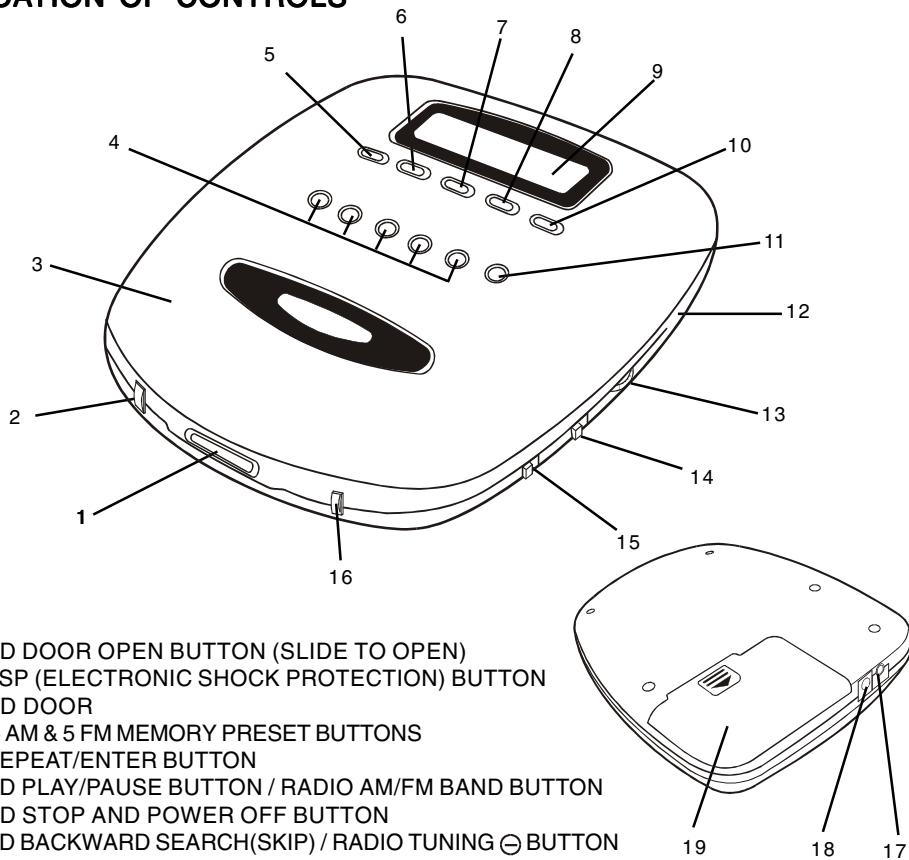


### CAUTION:

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 adaptor to power this set or you may damage your set.

NOTE: The symbol “” (steady on) **shows** you that proper power is being supplied.

## LOCATION OF CONTROLS



1. CD DOOR OPEN BUTTON (SLIDE TO OPEN)
2. ESP (ELECTRONIC SHOCK PROTECTION) BUTTON
3. CD DOOR
4. 5 AM & 5 FM MEMORY PRESET BUTTONS
5. REPEAT/ENTER BUTTON
6. CD PLAY/PAUSE BUTTON / RADIO AM/FM BAND BUTTON
7. CD STOP AND POWER OFF BUTTON
8. CD BACKWARD SEARCH(SKIP) / RADIO TUNING  $\ominus$  BUTTON
9. CD AND RADIO DISPLAY
10. CD FORWARD SEARCH(SKIP) / RADIO TUNING  $\oplus$  BUTTON
11. RADIO MEMORY STORE BUTTON
12. PHONES JACK (headphone jack)
13. VOLUME CONTROL
14. CD/RADIO FUNCTION SWITCH
15. BASS BOOST SWITCH
16. CD PROGRAM BUTTON
17. AUX OUT JACK (FOR HOME STEREO CONNECTION)
18. AC ADAPTOR JACK
19. BATTERY DOOR

# CONNECTIONS

## LISTENING WITH HEADPHONES


Connect the plug of the stereo headphones into the Phones Jack (on the right side of set, marked "PHONES").

### DO NOT PLUG THE HEADPHONES INTO THE AUX OUT JACK!

#### CAUTION:

Hearing experts advise against exposure to continuous extended play at loud volume levels while using headphones, possible hearing loss may result. If you experience a ringing in the ears, reduce volume or discontinue use. We want you to listen for a lifetime.

## HANDLING COMPACT DISCS

This set is designed to play only compact discs bearing this identification logo  (logo must say DIGITAL AUDIO).

Other discs may not conform to the CD standard and may not play properly.

- 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.

## CLEANING 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, benzene, record cleaner or antistatic spray on a compact disc. Such chemicals can damage its plastic surface.

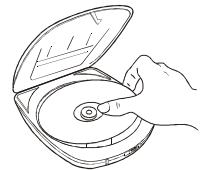
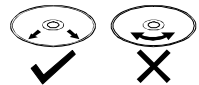
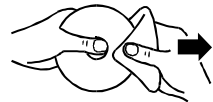
## TO REMOVE THE DISC

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 CD Door Open Button to remove the disc.

TO PHONES JACK



## RADIO OPERATION

1. Slide the CD/RADIO Function Switch to RADIO position.
2. Press the AM/FM Band Button to select the desired wave band.
3. Tune to desired station by pressing the Tuning Up or Down Button.  
Each time the button is pressed, the frequency changes.
4. To search for a station quickly (automatic tuning), keep the Tuning Up or Down Button pressed until the frequency starts to change rapidly. After tuning into a strong station, the search stops.
6. If you tune into a FM stereo station, " FM STEREO " will show in the Display.
7. Adjust the Volume Control to your listening preference.
8. If you prefer more bass, press the Bass Boost Button.
9. To turn off the radio, slide the CD/RADIO Function Switch to CD position.



## PRESETTING STATIONS

**UP TO 5 AM AND 5 FM STATIONS CAN BE STORED INTO THE PRESET MEMORIES. (THEY WILL REMAIN IN MEMORY AS LONG AS THE BATTERIES ARE INSTALLED, OR AC POWER CORD IS CONNECTED.)**

1. Slide the CD/RADIO Function Switch to RADIO position.
2. Press the Band Switch to select AM or FM band, and press the Tuning Up or Down Button to select a station.
3. Press the Radio Store(Program) Buttons, " **M** " will flash in the display.
4. While the " **M** " is blinking, press the Radio Preset Button to choose a memory location (M1-M5 BUTTON).
5. Press the Radio Store(Program) Button again to confirm. The station being received now broadcasting is stored into that preset memory.



- NOTE:** Steps 2-4 should be done quickly.
6. Repeat the above steps 1 to 4 to store other 8 stations into memory.
  7. Each memory location (1-5) can store 2 stations, one for AM, the other for FM.
- NOTE:** Before you disconnect the power (AC and Battery) of the set, make sure the Power Switch is OFF, then you have approximately 30 seconds to re-connect the power. Otherwise, the memories may be lost and need to be re-programmed.

## TO LISTEN TO PRESET MEMORY STATIONS (after you programmed them)

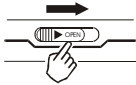
1. Slide the CD/RADIO Function Switch to RADIO position.
3. Press the Band Switch to select the band you want (AM or FM).
4. Press the Preset Buttons M1-M5 Button to select the stations stored (1-5) . You will receive the station you stored into that preset memory.
5. To shut off the radio, Slide the CD/RADIO Function Switch to CD position.

# PLAYING A DISC

1. Plug the cord from the headphones into the **Phones Jack** on the right side of the set.

**IMPORTANT:** Do not plug the headphones into the Aux Out Jack. If you do, the sound will be very low and the Volume Control will not work.

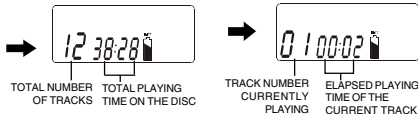
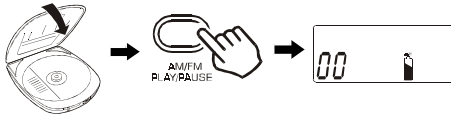
2. Slide the CD Door Open Button to open the CD Door.



3. Hold the disc with the **LABEL SIDE UP** and press it onto the spindle until it "clicks" into place.



4. Close the CD Door (it will latch shut), press the Play Button (Power On), the disc will begin to spin, the display will show "00" and then the total tracks and total playing time, then it will begin playing track number 1 (song #1).



## NOTE:

1. If the Display shows "no disc", the CD is upside down or missing.
2. When the symbol "🔋" flashes in the Display, your batteries are weak and need replacement.

5. Adjust the Volume Control as desired.
6. Slide the Bass Boost Switch to **ON** for more bass, **OFF** for less bass (BASS means low frequency sounds like a bass drum).
7. If you are using your set in a car or bumpy location, press the ESP Button (see page 9) (this is not needed if your set will sit on a table or night stand).

**NOTE:** Display will show "[ ]", indicating that you are in ESP mode, the basket will gradually fill.

8. To stop playing temporarily, press the Play/Pause Button.
  - The elapsed playing time **FLASHES** in the Display.



- Press the Play/Pause Button again to resume normal play.

9. To stop play, press the Stop Button. Total tracks and time will appear in the Display and after about 30 seconds the power turns off automatically. To shut the power off quickly, press the Stop Button twice slowly.



X 2

- NOTE:**
- The power turns off automatically when all tracks on a disc have been played.
  - The power turns off immediately when the CD Door is opened.
  - The power turns off when the Stop Button is pressed twice.

## POWER ON

Close the Door and press the Play Button.

## POWER OFF

Press the Stop Button twice (please remember to press the Stop Button before opening the CD Door).

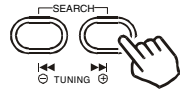
**NOTE:** If the time display flashes, your set is in the Pause mode, press Play again to play the disc.



## FORWARD AND REWIND TRACK SEARCH (or changing songs)

Press the Search Button ( ◀◀◀ or ▶▶▶ ) during play to go to the desired track (song).

Search FORWARD ▶▶▶  
Search BACKWARD ◀◀◀



- Press the Forward Search ( ▶▶▶ ) Button to skip to the next track on the disc.
- Press the Backward Search ( ◀◀◀ ) Button to rewind to the beginning of the track currently playing. Press this button twice or more to skip to previous tracks.

Press **and hold** the Search Button ( ▶▶▶ or ◀◀◀ ) during play to scan the disc at higher speed. When the desired music section of the disc is found, release the button, normal play will resume.

- If you press and hold the Search Button ( ▶▶▶ ) while the last track is playing, and the end of the track is reached, the player stops.

## BASS BOOST SWITCH

This switch enhances the low frequency (bass) sounds at low listening levels. Slide this Switch ON or OFF to suit your taste. During bass boost ON setting, sometimes, you may hear some distortion, adjust the Volume Control to a lower level for the best sound quality.

## AUTO POWER OFF FUNCTION

The power turns off automatically when all tracks on a disc have been played or the Stop Button is pressed. The display will show track and time for 30 seconds and then shut itself off.


The power turns off immediately when the CD Door is opened (please remember to press the Stop Button before opening the CD Door).

## IF BUTTONS DO NOT WORK

If operating buttons do not work when pressed:

- 1.Remove the batteries or AC Adaptor and wait a few seconds. The circuits will reset themselves.
- 2.Replace the batteries or AC Adaptor.
- 3.If the buttons still do not work, your batteries are weak, replace them or use the AC Adaptor.

## REMEMBER

- If the symbol “  ” flashes in the display, your batteries are weak, replace them or use the AC Adaptor.
- If the Display is blank - no numbers show when the Play/Pause Button is pushed, the batteries are dead. Replace them, or use the AC Adaptor (also check if you inserted the batteries according to the + and - as shown on the back of the set).

## 40 SECOND ESP PLUS™ SYSTEM


This set is designed with 40 second **ESP** (Electronic Shock Protection), **PLUS™** - which allows virtually unlimited gentle skip protection, and 40 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 “

The “

- 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 “

Once the pickup returns to its original position, new data is stored in memory and the Display changes back to the “
  - If the set is subject to repeated shocks and all the data stored in memory is used up, the “
    - To turn off the 40 second **ESP PLUS™** function, press the **ESP Button** again.

- Keep the digital **ESP** 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.

### 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 **Pause**, or **Search** buttons, the memory basket will empty itself temporarily.



DISPLAY WITH EMPTY MEMORY



DISPLAY WITH FULL MEMORY



SOME MEMORY USED WHEN THE SET IS SHOCKED



ALL MEMORY IS USED UP

## REPEAT, INTRO AND RANDOM PLAY

### REPEAT PLAY - SINGLE TRACK REPEAT

Plays one song over and over till you press Stop.

During play press the Repeat/Enter Button once, the symbol "**REPEAT**" flashes in the Display.

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

To stop repeat play, press the Repeat/Enter Button twice till the word "**REPEAT**" disappears.



### REPEAT PLAY - ALL TRACKS REPEAT

Repeats all songs in order, till you press Stop.

During play, press the Repeat/Enter Button twice, the symbol "**REPEAT**" will show steady (not flashing) in the display.

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

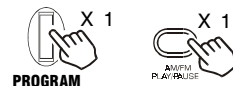


To resume normal play, press the Repeat/Enter Button again and the word "**REPEAT**" disappears.

### INTRO PLAY

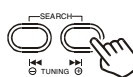
This plays the first 10 seconds of each song on the CD in sequential order.

1. During play, press the Program Button once, the word "**INTRO**" will flash in the Display.
2. Press the Play/Pause Button, the word "**INTRO**" will stop flashing and the first 10 seconds of **each** song on the CD will play and then the set will stop.
3. When you find a song you like, press Play, the word "**INTRO**" will go off and that song (and the following songs) will play **NORMALLY**.



### RANDOM PLAY

1. During play, press the Program Button three times the word "**RANDOM**" will show in the Display.
2. Press the Forward Skip/Search Button (▶▶), all the songs on the CD will play in random order selected by the CD player.
3. Press the Forward Skip/Search Button (▶▶) to skip to the next random song.
4. To stop **RANDOM** play and resume normal play, press the Program Button 2 times.



# PROGRAMMING YOUR PLAYING SEQUENCE

## PROGRAMMED PLAY

- The tracks (songs) on the disc can be programmed (arranged in advance) to play in any order you prefer (up to 22 tracks can be programmed).

### Programming Example:

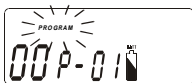
Program Number	1	2	3	4	5	6	7	8	etc.
Track Number (song number)	3	5	8	1	2	4	1	1	etc.

- During programming, the word "**PROGRAM**" will flash in the display. To program songs to play in your preferred order, follow steps below:

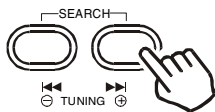
- Press the Program Button 2 times during play.  
The word "**PROGRAM**" and the track number will flash in the Display.



**PROGRAM**



- Press the Skip/Search Button ( ◀◀ or ▶▶ ) to select track number 3 (example).



- Press the Repeat/Enter Button. Track 3 is now programmed.



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



- Repeat steps 2 and 3 to program other tracks till you finish (up to 22 selections).

**NOTE:** Do this quickly to avoid the set from shutting itself off.

- After programming is finished, press Play to begin programmed play. "**PROGRAM**" stops flashing and music begins (the Display still shows "**PROGRAM**").



**NOTE:**

The player stops automatically after all programmed tracks have been played. The programmed tracks are stored in memory until the CD Door is opened (please remember to use the Stop Button before opening the CD Door), or after power is shut off.

#### Your program memory will be lost:

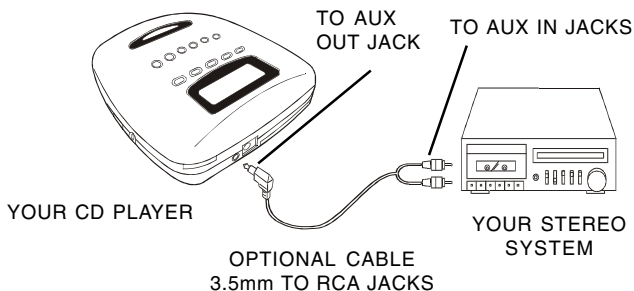
- When the alkaline batteries are exhausted or removed or the AC Adaptor is disconnected.
- When the power is shut off.

## CONNECTING TO HOME STEREO SYSTEMS

The Aux Out Jack is made to accept a stereo mini plug (3.5mm). By using a commercially available audio line cable (not included), 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.

**NOTE:** Always switch the power off before making any connections between the player and any other set.

**NOTE:** The Volume Control of your player becomes inoperable whenever Aux Out Jack is used. Adjustments are made on your audio system.

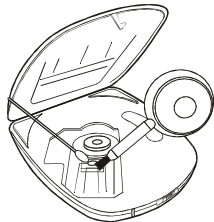


## CLEANING THE CABINET

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 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 the instructions below.



You may use a cotton swab very slightly dampened with alcohol to clean the lens (start in the middle and work you way out).

## SAFETY PRECAUTIONS

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 anti-skip feature prevents short duration skipping or stopping of music.

The set's cabinet may warp or the set may otherwise 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 low. Replace both batteries at the same time (see BATTERY OPERATION).

Your CD-91 is identified by a serial number located in the Battery Compartment. Record this number in the space provided below.

Model CD-91

Serial No.

Date Purchased:

This booklet 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 booklet 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 INFORMATION REQUIRED BY THE FCC

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 (or TV sets).

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 compliance 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.

## TROUBLE SHOOTING GUIDE

Check the following guide before calling customer service.

SYMPTOMS	CAUSES	SOLUTIONS
Tracks do not change or set does not play normally.	Batteries are too weak (they may test OK on tester, but they are weak).	Replace both batteries with fresh alkaline batteries. Battery life with fresh batteries is about 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 connections at the AC outlet and the rear of set.
Disc will not play.	Disc inserted incorrectly.	Re-insert disc with label side facing up.
	Defective compact disc.	Try another compact disc (scratched and dirty discs will not play).
	CD Door not closed.	Close the Door (lid) securely.
	Moisture has formed inside the CD deck.	Take out the CD and leave the CD Door open for about an hour to dry the moisture condensation.
No sound from headphones.	Headphone plug not inserted properly.	Re-insert headphone plug into <b>Phones</b> 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 . <b>(NOT THE AUX OUT JACK)</b>
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.	Place the CD player on a level surface that is stable or press ESP Button.
	Anti-skip is off.	Turn on ESP function.
Sound is distorted.	Music is too loud.	Lower Volume Control.
	Bass Boost Switch is <b>ON</b> .	Press 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 Adaptors. Wait a few seconds and re-insert. Make sure batteries are fresh or Adaptor has power.



# TECHNICAL SPECIFICATIONS

## CD PLAYER SECTION

Frequency response .....	20Hz-20kHz
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 44.6mW

## GENERAL

Maximum output (stereo headphones) .....	15mW + 15mW
Power Supply	
AC adaptor .....	120V/60Hz
DC .....	3V: Using 2 size "AA" batteries

### Set Dimensions (approximate)

Width .....	5"
Depth .....	5 1/2"
Height .....	1 1/8"

Weight (approximate) ..... 9.5oz. (270g) (set only)



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

### **SPECIAL NOTE ABOUT BATTERIES**

Fresh alkaline batteries will work for about 8 hours of continuous play.

If your set does not switch tracks or shuts down by itself, this means your batteries are weak and cannot supply enough current.

Either replace both batteries with fresh alkaline batteries or use the AC Adaptor (or car cord).

This set has a built-in Low Battery indicator. When this symbol "  " flashes in your Display, both batteries need to be replaced ( the batteries may still have some life in them, but too low for use by a CD player). The indicator "  " (steady on) shows you that proper power is being supplied.

**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.

## LIMITED WARRANTY

We warrant this product to be free from defects in material and workmanship under normal use for a period of 90 days after purchase and we will repair it free of charge or replace it at no charge, should it become defective under this warranty, providing you submit proof of purchase sales slip with the set.

During the initial 90 day period after original purchase, we will service the set that is returned to LENOXX ELECTRONICS CORP., prepaid, at no charge. After the initial 90 day period expires, and for a period of 12 months from original purchase, we will exchange at no charge any part that is defective, but will charge for the cost of labor, return postage paid by Lenoxx.

This warranty does not apply to any products which have been subject to misuse, neglect or accident. This warranty does not cover broken headphones or cabinet. UNDER NO CIRCUMSTANCES WILL LENOXX ELECTRONICS CORP. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. The following charges apply to repairs beyond the warranty period: \$40.00. Be sure to pack carefully and return postage paid insured together with your money order and proof of purchase date to :

LENOXX ELECTRONICS CORP. 2 GERMAK DRIVE, CARTERET N.J. 07008

For customer service, dial 1-800-315-5885  
A.M. 9:30 - F.M.17:30 EST

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2 GERMARK DRIVE  
CARTERET, N.J. 07008  
MADE & PRINTED IN CHINA  
<http://www.lenoxx.com>

# QUICK INSTRUCTIONS

## MODEL CD-91

### POWERING UP

Power your CD player by connecting the AC Adaptor or by inserting 2 size "AA" fresh alkaline batteries.


### AC ADAPTOR OPERATION

#### BATTERY OPERATION

1. Open the Battery Door.
2. Insert 2 size "AA" fresh alkaline batteries as shown.

**NOTE:** Player will not work, and batteries will be drained, if not inserted as shown inside the Battery Compartment.

3. Close the Battery Door.

**NOTE:** If the symbol "  " flashes in the display, your batteries are weak and need replacement.

### RADIO OPERATION

1. Slide the CD/RADIO Function Switch to the RADIO position.
2. Press the AM/FM Band Button to select the desired wave band.
3. Tune to desired station by pressing the Tuning Up or Down Button. Each time the button is pressed, the frequency changes.
5. If you tune into a FM stereo station, " FM STEREO " will show in the Display.
6. To turn off the radio, slide the CD/RADIO Function Switch to CD position.
7. To program the Preset Memory Buttons, find the station you want, press the Store Button and then press the Preset Button (M1-M5) to store that station into that memory Button.

### PLUGGING IN

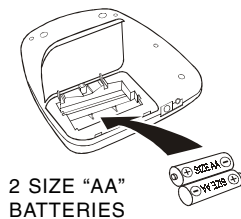
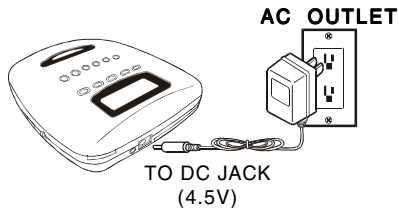
Plug the headphones into the Phones Jack on the right side of the player, and put on the headphones.

### PLAYING A DISC

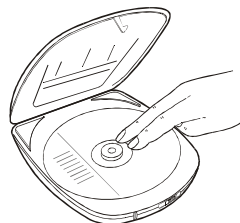
You can play compact discs that have this logo:



1. Slide the Open Button to open the CD Door.
2. Place a disc on the center post with the label facing up, and then gently push down on the center of the disc until it clicks in.
3. Close the CD Door, press the Play Button, the Display tells you how many tracks are on the disc and total playing time on the disc, the disc will play.



TO PHONES  
JACK



# QUICK INSTRUCTIONS

## BASIC FEATURES

---

### PLAY/PAUSE BUTTON (or POWER ON)

Press Play, adjust the Volume Control and after a few seconds it will play. Pressing Play/Pause Button while a disc is playing, will pause play. (The elapsed playing time will flash during pause.) Press Play/Pause again to continue play.

### VOLUME CONTROL

Adjust this Volume Control to your preference.

### BASS BOOST

Press this Switch to ON to give you more low frequency tones.

### STOP (or POWER OFF)

Press the Stop Button to stop play and shut off power (after about 30 seconds delay).

### REPEAT

During play, press the Repeat/Enter Button once to repeat one song over and over, "**REPEAT**" will show in the display. That song will play and repeat again till you press Stop.

To repeat all songs, just press the Repeat/Enter Button twice, "REPEAT" will be steady on.

Press the Repeat Button again to return to normal play.

### SKIP/SEARCH ( ◀◀ or ▶▶ )

During play, Press and hold the Skip/Search Buttons ◀◀ or ▶▶ while the disc is playing to search backward or forward through a particular track (or song).

Press several times to skip to a later or earlier song, or to get back to the beginning of the song.

### ESP

Press the ESP Button if your set is on the move or subject to vibrations. Your music will not skip or stop when the set is shaken or vibrated for brief periods (after memory basket fills). Press this button again to turn off the ESP function.

### PROGRAMMING

To arrange the songs to play in a special sequence (1, 5, 2, 3, etc.) you can program the set to your taste.

Press the Program Button 2 times, press the Skip/Search Buttons ( ◀◀ or ▶▶ ), to select the track you want, then press Enter. Repeat pressing the Skip/Search Buttons ( ◀◀ or ▶▶ ) and Repeat/Enter till you finish programming, then press Play.

**FOR OTHER FEATURES INCLUDING DETAILED PROGRAMMING INSTRUCTIONS, SHUFFLE AND INTRO PLAY INSTRUCTIONS, PLEASE REFER TO THE OPERATING INSTRUCTIONS BOOKLET.**

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