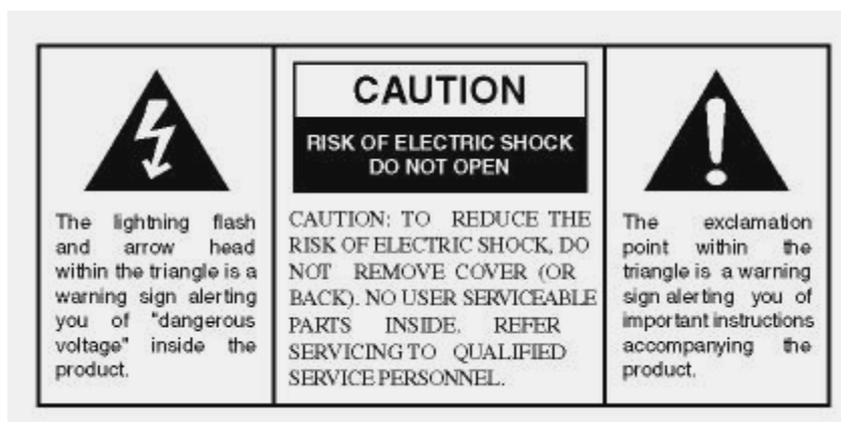


**PORTABLE CD PLAYER WITH AM/FM  
RADIO AND CASSETTE RECORDER  
MODEL CD-8A**



**OPERATING  
INSTRUCTIONS**



**CAUTION :** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

**WARNING :** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE APPIANCE TO RAIN OR MOISTURE.

## **SAFETY INSTRUCTIONS**

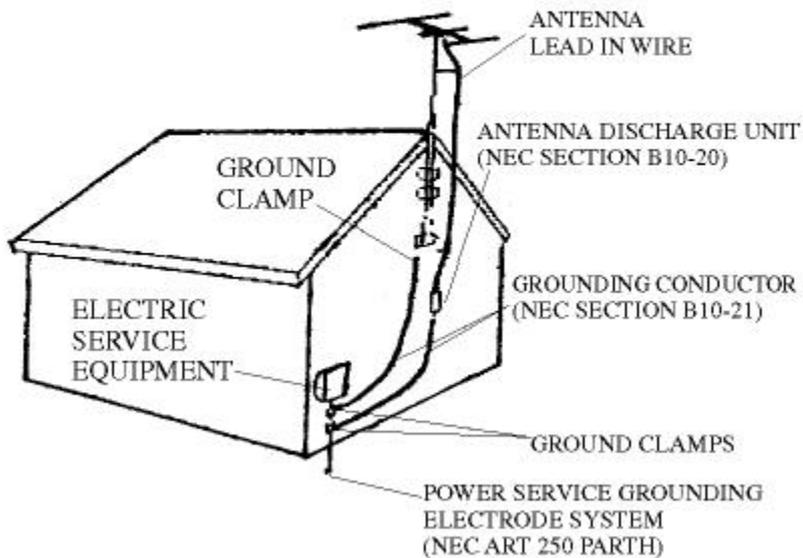
THESE IMPORTANT SAFETY INSTRUCTIONS ARE INCLUDED, AS APPLICABLE TO THE APPLIANCE, CONVEYING TO THE USER THE INFORMATION ITEMIZED BELOW

1. Read instructions-All the safety and operating instructions should be read before the appliance is operated.
2. Retain instructions-The safety and operating instructions should be retained for future reference.
3. Heed Warnings-All warnings and cautions on the appliance and in the operating instructions should be adhered to.
4. Follow instruction-All operating and use instructions should be followed.\
5. Water and Moisture-The appliance should not be used near water, e.g. near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool or lake.
6. Wall or Ceiling Mounting-The appliance should not be mounted to a wall or ceiling.
7. Ventilation-The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings, or placed in a built-in installation, such as a bookcase or cabinet, that may impede the flow of air through the ventilation openings.
8. Heat-The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Power Sources-The product should be operated only with the type of power supply indicated on the marking label. If you are not sure of the type power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operation instructions.
10. Grounding Polarization-This product may be equipped with a polarized alternating current line plug ( a plug having one blade wider than other ). This plug will fit into the power outlet only one way this is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

11. Power-Cord Protection-Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
12. Cleaning-The appliance should be cleaned only as recommended by the manufacturer.
13. Nonuse periods-The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
14. Object and Liquid Entry-Care should be taken so that objects do not fall and liquids are not spilled into product case through product openings.
15. Damage Requiring Service-Unplug this product from the wall outlet and take it to qualified service personnel under the following conditions.
  - a) When the power-supply cord or plug is damaged.
  - b) If liquid has been spilled into, or objects have fallen into the product.
  - c) If the product has been exposed to rain or water.
  - d) If the product does not operate when used according to the operating instructions.

Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may interfere with the product's normal operation.
  - e) If the product has been dropped or damaged in any way.
  - f) When the product exhibits a distinct change in performance this indicated a need for service.
16. Servicing – The user should not attempt to service the product beyond that described in the operating instruction. All servicing should be referred to qualified service personnel.
17. Power Lines-An outside antenna system should not be located in the vicinity of overhead power lines, or other electric light or power circuits, where it can fall into such power lines or circuits. When installing n outside antenna system, extreme care should be taken to keep from touching power lines or circuits as contract with them might be fatal.
18. If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges voltage surges and built us static. Section 810 of the National Electrical Code ANSI/NEFA 70 provides information with respect to proper to grounding of the mast and supporting structure, grounding conducters, location of antenna-discharge unit, size of grounding electrodes, and requirements for the grounding electrode ( see figure )

**EXAMPLE OF ANTENNA GROUNDING AS PER  
NATIONAL ELECTRICAL CODE**



**NEC NATIONAL ELECTRICAL CODE**

**Do not apply oil petroleum products to this product.**

**CAUTION**

**Invisible laser radiation will be emitted when the product is open and interlocks are defeated. Do not defeat the safety interlocks.**

**GRAPHIC SYMBOLS WITH SUPPLEMENTARY MAKING ARE LOCATED ON THE BOTTOM OF THE UNIT.**

**Power Supply**

**Operating the player on AC power**

Insert one end at the supplied power cord to the AC IN Jack located at the rear Of the rear of the unit and the other end into the Wall outlet.

**NOTE:**

WHEN THE FIRST TIME USED THE CORD HAS TO BE FIRMLY PUSHED INTO THE SOCKET IF IT DOES NOT WORK ON AC, TO TRY AGAIN TO BE SURE FOR A POSITIVE CONNECTION.

**OPERATION the player on batteries**

1. To play your unit on batteries, the AC power cord must be disconnected From the player.

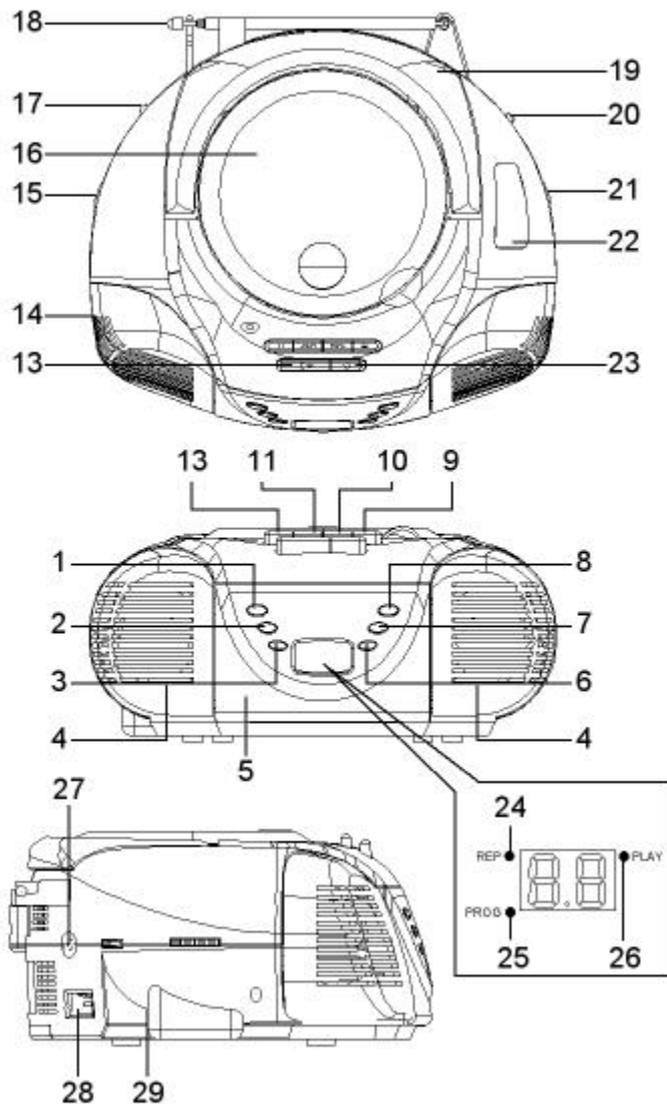
2. Unplug the AC power cord from the unit and insert eight size C/UM-2 Batteries (not provided) in the compartment.
3. Close the battery compartment door.

**Note:**

Check your batteries regularly. Old or discharged batteries should be replaced. If the unit is not to be used for sometime or is being run exclusively on AC electrical current, remove batteries from the battery compartment to avoid leakage.

**WARNING:**

Keep batteries away from children and pets. Dispose of batteries per battery manufacturer's instructions. Do not discard batteries in fire, as explosion may occur.



1. CD REPEAT Button
2. CD PROGRAM Button
3. CD REWIND Button
4. Left & Right Speakers
5. Cassette Door
6. CD FAST-FORWARD Button
7. CD STOP Button
8. CD PLAY/PAUSE Button
9. Cassette EJECT Button
10. Cassette REWIND Button
11. Cassette FAST-FORWARD Button
12. Cassette STOP Button
13. Cassette PLAY Button
14. Built-in condenser microphone
15. VOLUME Control Knob
16. CD Door
17. FUNCTION Switch
18. Antenna
19. Handle
20. BAND Switch
21. Tuning Control Knob
22. Tuning Frequency Scale
23. Cassette RECORD Button
24. CD Repeat LED Indicator
25. CD Program LED Indicator
26. LED Power Indicator
27. Headphone Jack
28. AC Power Cord Input Socket
29. Battery Compartment Cover

### **PLAYING A COMPACT DISC (CD)**

1. Press the CD Door Open Button to open the CD Door. Insert a CD with label side facing up into the CD compartment. Press the CD Door where it is marked “OPEN/CLOSE” (in the lower right corner) to close the CD Door.
2. Slide the Function Switch to the “CD” position. The disc will rotate for a few Seconds; then the disc will stop rotating and display the total number of tracks On the disc in the CD Track LED Display.
3. Press the Play/Pause Button and the first track of the CD will begin to play.

4. To pause the CD while in the play mode, press the Play/Pause Button.  
Press the Play/Pause Button again to resume the play mode.

### **REWIND/FORWARD BUTTON**

The Rewind button/Forward button can be used to jump to a different track number or to scan disc tracks at high speed.

- Press the Rewind button once to hear the previous tracks on the disc.
- Press the Forward button to hear the next track on the disc.
- Press and hold the Rewind button, the current track will be scanned and will move backwards to the previous track(s). When the desired track section is found, release the button and normal play will resume.
- Press and hold the Forward button, the current track will be scanned and will move forward to the next track(s). When the desired track is found, release the button and normal play will resume.

### **REPEAT FUNCTIONS**

The Repeat Button may be used to repeat a single track, repeat all tracks.

- To repeat a single track, press the Repeat Button once while in the play mode. The CD Repeat LED Indicator will flash.
- To repeat all of the tracks on a CD. Press the Repeat Button a second time while in the play mode. The CD Repeat LED Indicator will steadily be illuminated.
- To exit the repeat mode, press the Repeat Button a third time while in the play mode, or press the Stop Button to end CD play.

### **PROGRAM FUNCTIONS**

To program up to 20 tracks to play in a selected order.

1. While in the stop mode only (CD in not playing), press the Program Button and “01” will appear in the CD Track LED Display and the Program LED Indicator will begin to flash.
2. Press the Rewind/Forward Buttons to locate the desired track.
3. Press the Program Button to select and store the track into memory. The next memory location (i.e. Pr.) will show in the CD Track LED Display.
4. Repeat step 2 and step 3 to program additional tracks.
5. Press the Play/Pause Button to play the selected tracks in the program mode. The track number will appear in the CD Track LED Display.
6. To advance to the next programmed track, press the Forward Button. After all programmed tracks have played, the CD player will return to the stop mode.

## HEADPHONE JACK

Your radio is equipped with a HEADPHONE JACK for private listening. Simply plug any 3.5 mm plug type stereo headphone into the HEADPHONE JACK. With the headphone connected the speaker in the radio will be automatically disconnected.



Handle a disc only by its edges. Do not touch the surface or rainbow-colored side of the disc.



Handle a disc as shown in the two illustrations indicated (to the left).



Use a soft cloth to wipe a disc clean. Do not use benzene, thinner, or other chemical cleaners to clean the disc as damage may result.



Do not expose a disc to direct sunlight, high humidity, or high temperatures for extended periods of time. Do not place the disc on other equipment or near any heat source.

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## CASSETTE OPERATION

### Installation of Cassette

Open the cassette cover by pressing the EJECT BUTTON> Insert the cassette tape, bottom side up with the tape facing you. Close the cover. Now the unit is ready for operation.

### Automatic Stop (Auto Stop)

When the cassette being played or recorded on reaches the end of the tape, the unit will shut off.

### Fast Forwarding and Rewind

For fast forwarding or rewinding the tape, press the FFWD or REWIND BUTTON. Press the STOP BUTTON to stop the moving tape at the desired location.

## **RADIO OPERATION**

1. Slide the Function Switch to the "RADIO" position.
2. Slide the Band Switch to the desired band (AM, FM, or FM Stereo).
3. Rotate the Tuning Control Knob to the desired radio station.

## **RECORDING FROM CD**

1. Insert a cassette tape into the cassette tape holder.  
The full reel or spool section to be used for recording should be on the right side.
2. Insert a CD into the CD compartment and close the CD Door.
3. Slide the FUNCTION Switch to the "CD" position.
4. Press the CD PLAY/PAUSE Button twice, then select the CD track number to be recorded.
5. Press the Cassette PLAY and RECORD Buttons move to the lowered position.
6. To recording:
  - a. Press the PLAY and RECORD Buttons to the recording.
  - b. Press the CD PLAY/PAUSE Button to begin the CD playing.
7. To stop recording:
  - a. Press the STOP Button to stop the cassette player.
  - b. Press the CD STOP Button to stop CD player.

## **RECORDING FROM RADIO**

Follow the steps as above and slide the function switch to "RADIO" position and tune in the desired station to recording.

## **ALC (Automatic level control) Recording**

This unit has an ALC circuit. The recording lever is preset. Changing the volume control while recording will not affect the recording level.

## **RECORDING FROM THE BUILT-IN MICROPHONE**

Insert a cassette into the compartment.

Set the function selector switch to tape position.

Press record button.

Speak about (6 inches) away from the unit in a normal tone of voice.

## **REMARKS: FOR RECORDING FROM CD TO CASSETTE:**

**RECOMMEND NOT TO USE "CHROME CLASS IEC II/**

**TYPE II/HIGH BIAS 70  $\mu$ s EQ", SUGGEST TO USE**

**"NORMAL EQ 120  $\mu$ s."**