

SAFETY PRECAUTIONS



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



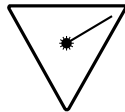
DANGEROUS VOLTAGE

Uninsulated Dangerous Voltage, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.



ATTENTION

The Owner's Manual contains important operating and maintenance instructions. For your safety, it is necessary to refer to the manual.



DANGER:

Invisible and hazardous laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

FCC WARNING:

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

LASER SAFETY: This unit employs a laser. Only qualified service personnel should attempt to service this device due to possible eye injury.

CAUTION: USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURE HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.

INFORMATION

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 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.

IMPORTANT SAFETY INSTRUCTIONS

Before using the unit, be sure to read all operating instructions carefully. Please note that these are general precautions and may not pertain to your unit. For example, this unit may not have the capability to be connected to an outdoor antenna.

1. READ INSTRUCTIONS

All the safety and operating instructions should be read before the product is operated.

2. RETAIN INSTRUCTIONS

The safety and operating instructions should be retained for future reference.

3. HEED WARNINGS

All warnings on the product and in the operating instructions should be adhered to.

4. FOLLOW INSTRUCTIONS

All operating and use instructions should be followed.

5. CLEANING

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. ATTACHMENTS

Do not use attachments not recommended by the product's manufacturer as they may cause hazards.

7. WATER AND MOISTURE

Do not use this product near water- for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

8. ACCESSORIES

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

- 8A.** An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

PORTABLE CART WARNING
(symbol provided by RETAC)

**9. VENTILATION**

Slots and openings in the cabinet and in the back or bottom are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat source. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10. POWER SOURCES

This product should be operated only from the

IMPORTANT SAFETY INSTRUCTIONS

type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

11. GROUNDING OR POLARIZATION

This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the 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.

12. 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.

13. LIGHTNING

To protect your product from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

14. POWER LINES

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

15. OVERLOADING

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

16. OBJECT AND LIQUID ENTRY

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid on the product.

17. SERVICING

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

18. REPLACEMENT PARTS

When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

19. SAFETY CHECK

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

20. WALL OR CEILING MOUNTING

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

21. DAMAGE REQUIRING SERVICE

Unplug the product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a. When the power-supply cord or plug is damaged.
- b. If liquid has been spilled, 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 normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e. If the product has been dropped or the cabinet has been damaged.
- f. When the product exhibits a distinct change in performance - this indicates a need for service.

22. HEAT

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

23. NOTE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

24. NONUSE PERIODS

The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion—and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel

<u>Level</u>	<u>Example</u>
30	Quiet Library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet

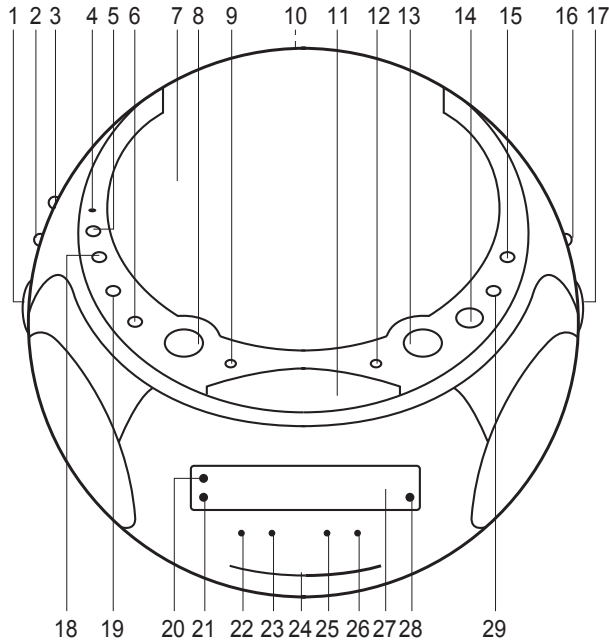
THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE:

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet engine
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.



LOCATION OF CONTROLS



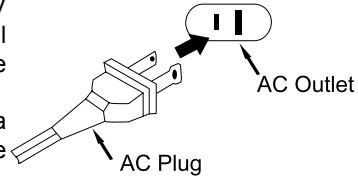
- | | |
|--|--|
| <ol style="list-style-type: none"> 1. VOLUME Control 2. ALARM (AL1/AL2/DUAL) Switch 3. BUZZ/MUSIC/OFF Switch 4. POWER Indicator 5. POWER Button 6. AL2 SET Button 7. CD Compartment Door 8. SLEEP Button 9. PROG (Program) button 10. Battery Compartment (Bottom of Unit) 11. SNOOZE Button 12. RPT (Repeat) Button 13. PLAY/PAUSE (▶) Button 14. STOP (■) Button | <ol style="list-style-type: none"> 15. CD Skip/HOUR (▶▶) Button 16. FUNCTION (AM/FM/CD) Switch 17. TUNING Control 18. CLOCK Button 19. AL1 SET Button 20. PM Indicator 21. ALM1 Indicator 22. FM ST Indicator 23. PROG Indicator 24. AM Dial Scale and Pointer 25. REPEAT Indicator 26. SLEEP Indicator 27. Display 28. ALM2 Indicator 29. CD Skip/MINUTE (◀◀) Button |
|--|--|

INSTALLATION

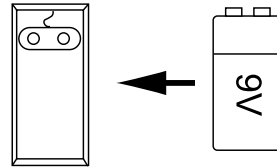
Unravel the AC cord and connect it to a conveniently located AC outlet having 120V and 60Hz only. The Clock Display will illuminate and "12:00" will appear in the window.

NOTE: If the AC plug does not fit into a nonpolarized outlet, do not file or cut the wide blade.

If the AC cord is disconnected or if there is a power failure, this electronic clock is designed to continue operating internally (without showing the time on the Clock Display) with a 9 volt battery (not included). To install the battery, connect the battery to the terminals of the battery snap inside the compartment (use of an alkaline battery is recommended).



Be sure to check the condition of the battery periodically by disconnecting the AC cord and connecting it again 2 or 3 minutes later. The preset times should continue operating. If the present time does not appear, it indicates the battery is dead or not connected properly. The 9 volt battery will keep the internal times accurately for approximately 30 minutes. If the power is restored after 30 minutes, the times may need to be reset.



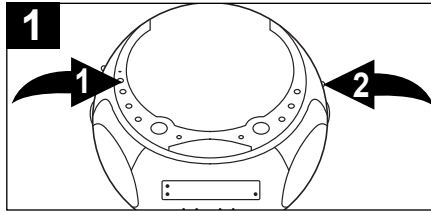
BATTERY PRECAUTIONS

Follow these precautions when using batteries in this device:

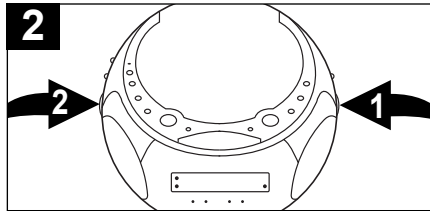
1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)

OPERATION (CONTINUED)

TO LISTEN TO THE RADIO



Press the **POWER** button ❶ to turn the unit on; the **POWER** indicator will light. Slide the **FUNCTION** switch ❷ to the **AM** or **FM** position.



Tune a station by turning the **TUNING** control ❷. When a strong **FM** stereo signal is received the **FM Stereo** indicator will light. Adjust the **VOLUME** control ❸ as desired.

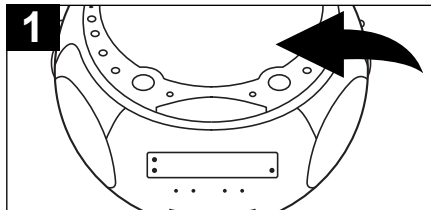
Antennas

FM: Extend the AC cord for best reception.
AM: Turn the unit for better AM reception.

FAQ: *Why am I not getting sound from the radio?*

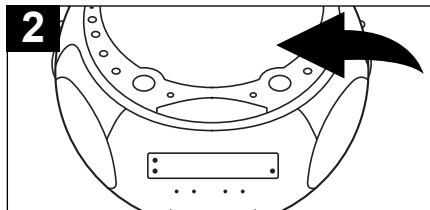
Make sure the **FUNCTION** switch is set to the **AM** or **FM** position and the **VOLUME** control is not set to the minimum level.

TO INSERT A CD



Open the **CD** compartment door by pressing on the **OPEN** area on the bottom right **CD** compartment door. **Gently** press a disc, label side up, onto the spindle and **gently** close the **CD** compartment door.

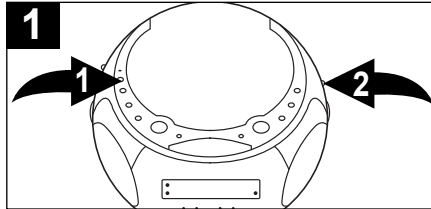
TO REMOVE A CD



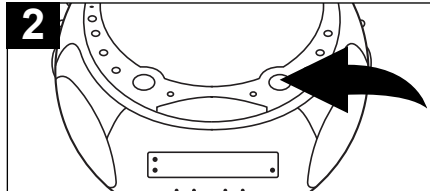
Make sure the **CD** has stopped and open the **CD** compartment door by pressing on the **OPEN** area on the **CD** compartment door. Hold the edge of the **CD** and pick it up.

OPERATION (CONTINUED)

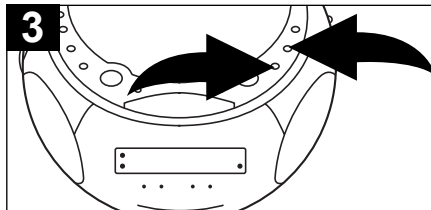
TO PLAY A CD



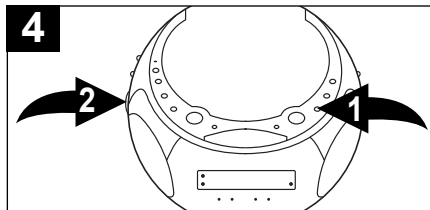
1 Insert a CD as described on the previous page. Press the POWER button **1** to turn the unit on; the POWER indicator will light. Slide the FUNCTION switch **2** to the CD position.



2 Press the PLAY/PAUSE (**▶||**) button to start playback. **TO PAUSE PLAYBACK**, press the PLAY/PAUSE (**▶||**) button again; the display will blink, and then show the time. Press again to resume playback.



3 To **skip** forward or backward through the tracks on the disc, press the CD Skip **▶▶** or **◀◀** button. To **search** forward or backward through the tracks on the disc, press and hold the CD Skip **▶▶** or **◀◀** button.



4 Adjust the VOLUME control **1** as desired. When the disc is through playing, it will stop. Press the STOP (**■**) button **2** to stop the disc before it is finished.

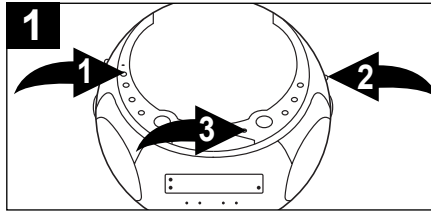
FAQS: *Do I need an adapter to play 3" singles?*
 No, simply insert the 3" single into the groove.
What is the maximum time for a CD in this unit?
 The maximum time is 74 minutes.

NOTES:

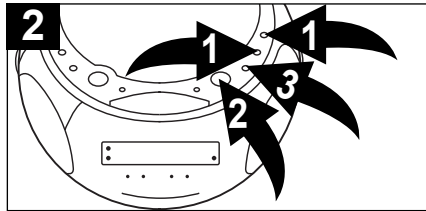
- If a disc is inserted incorrectly, dirty, damaged or not present at all, the display will show, "no"
- To remove the CD, see page 7, "To Remove a CD" section.

OPERATION (CONTINUED)

TO REPEATEDLY PLAY BACK ONE TRACK

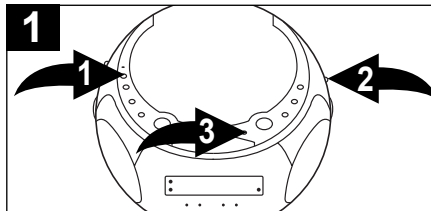


Press the POWER button ❶ to turn the unit on; the POWER indicator will light. Slide the FUNCTION switch ❷ to the CD position. Press the RPT button ❸ once; the REPEAT indicator will blink.

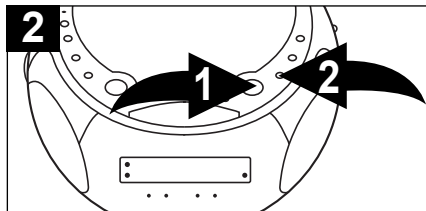


Press the CD Skip |◀◀ or ▶▶| button ❶ to select a track and the PLAY/PAUSE (▶||) button ❷ to start playback and the unit will play the same track over and over until the STOP (■) button ❸ is pressed.

TO REPEATEDLY PLAY BACK ALL TRACKS ON A CD



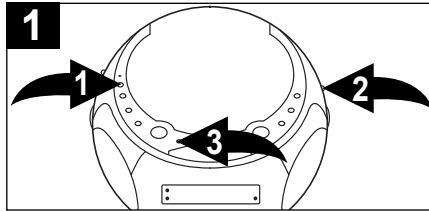
Press the POWER button ❶ to turn the unit on; the POWER indicator will light. Slide the FUNCTION switch ❷ to the CD position. Press the RPT button ❸ twice; the REPEAT indicator will light solid.



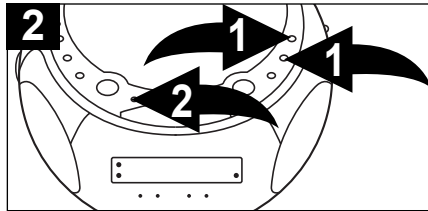
Press the PLAY/PAUSE (▶||) button ❶ to start playback and the unit will then play all the tracks on the CD over and over until the STOP (■) button ❷ is pressed.

OPERATION (CONTINUED)

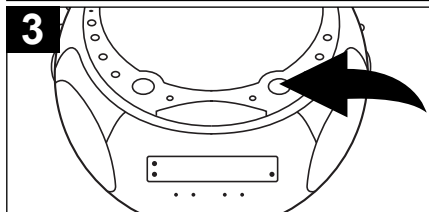
TO PROGRAM THE MEMORY (UP TO 20 TRACKS)



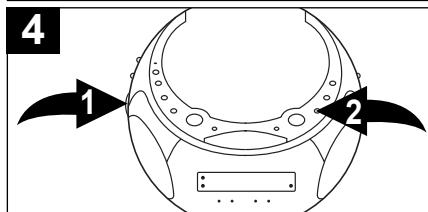
Press the POWER button ❶ to turn the unit on; the POWER indicator will light. Slide the FUNCTION switch ❷ to the CD position. Press the PROG button ❸ once; "P 01:" will appear in the display and the PROGRAM indicator will blink.



Within 7 seconds, select the first track to be played back using the CD Skip ◀◀ or ▶▶ button ❶, then press the PROG button ❷ again. Repeat this step to program additional tracks up to a maximum of 20 tracks.



Press the PLAY/PAUSE (▶||) button to begin playback. The unit will play all the tracks in the order you programmed them.



Adjust the VOLUME control ❶ as desired. When the disc is through playing, it will stop. Press the STOP (■) button ❷ to stop the disc before it is finished.

NOTES:

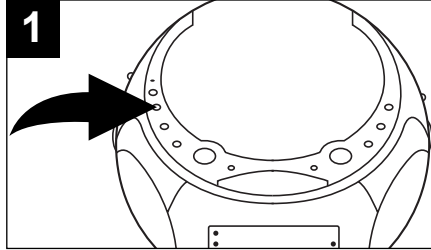
- To skip forward or backward through the programs, press the CD Skip ◀◀ or ▶▶ button. When the disc is through playing, it will stop.
- Programming is the ability to preselect the order in which a series of tracks will be played.
- Press the REPEAT button twice before pressing the PLAY/PAUSE (▶||) button to begin Program playback to activate Repeat All playback.

FAQS: *How do I clear the memory?*

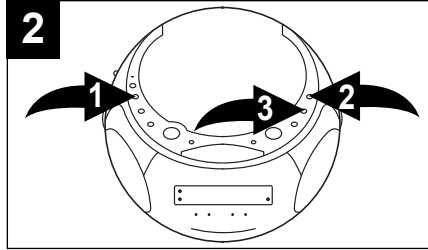
Press the PROGRAM button to enter the Program mode, and then press the STOP (■) button or change the position of the FUNCTION switch.

OPERATION (CONTINUED)

TO SET OR RESET THE ACTUAL TIME

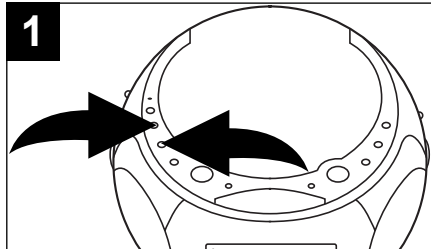


Press and hold the CLOCK button.

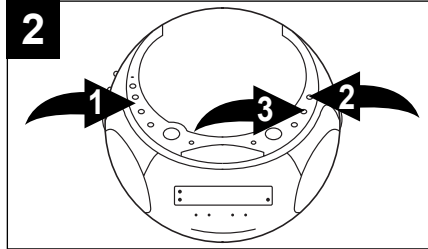


While holding the CLOCK button ❶, press the CD Skip/HOUR ❷ button ❷ to set the present hour and the CD Skip/MINUTE ❸ button ❸ to set the present minute.

TO SET OR RESET THE ALARM TIME



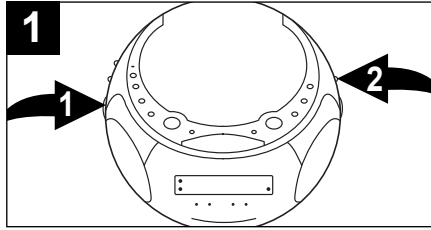
Press and hold the desired ALARM button (AL1 or AL2).



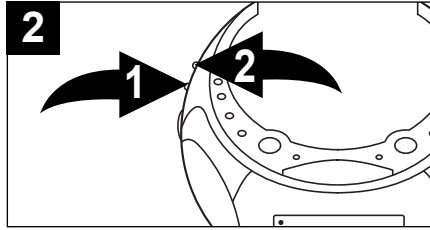
While holding the desired ALARM button ❶, press the CD Skip/HOUR ❷ button ❷ to set the present hour and the CD Skip/MINUTE ❸ button ❸ to set the desired alarm minute.

OPERATION (CONTINUED)

TO SET THE ALARM TO WAKE TO RADIO

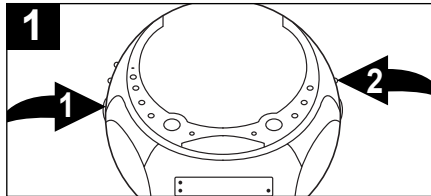


Set the alarm time as previously instructed. Slide the FUNCTION switch ❶ to the AM or FM position, select a radio station and make sure the VOLUME ❷ is set as desired.

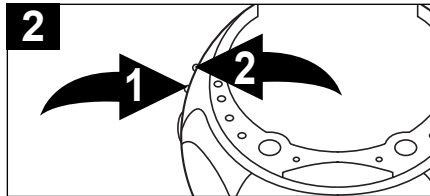


Slide the ALARM switch ❶ to the AL1, AL2 or DUAL position and the BUZZ/MUSIC/OFF switch ❷ to the RADIO position and make sure the power is off. When the actual time matches the selected preset alarm time(s), the unit automatically turns on. To shut off the alarm, see TO SHUT THE ALARM OFF section on the next page.

TO SET THE ALARM TO WAKE TO CD



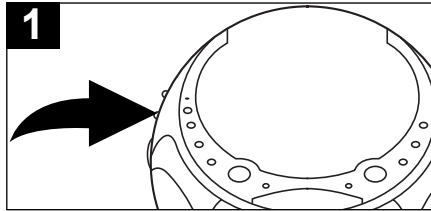
Set the alarm time as previously instructed. Slide the FUNCTION switch ❶ to the CD position, insert a CD and make sure the VOLUME ❷ is set as desired. You can set the CD track to wake up to, if desired.



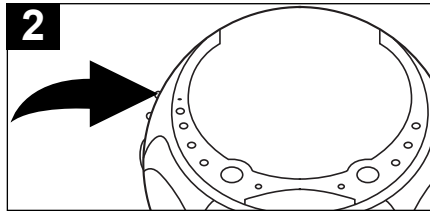
Slide the ALARM switch ❶ to the AL1, AL2 or DUAL position and the BUZZ/MUSIC/OFF switch ❷ to the RADIO position and make sure the power is off. When the actual time matches the selected preset alarm time(s), the unit automatically turns on for 59 minutes and then shuts off. To shut off the alarm, see TO SHUT THE ALARM OFF section on the next page.

OPERATION (CONTINUED)

TO SET THE ALARM TO WAKE TO BUZZER

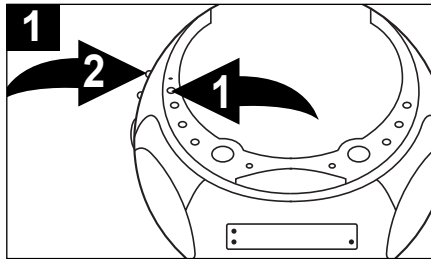


1
Set the alarm time as previously instructed. Slide the ALARM switch to the AL1, AL2 or DUAL position and



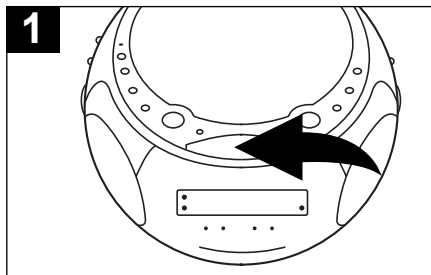
2
Slide the BUZZ/MUSIC/OFF switch to the BUZZ position and make sure the power is off. When the actual time matches the selected preset alarm time(s), the unit automatically turns on. To shut off the alarm, see TO SHUT THE ALARM OFF section below.

TO SHUT THE ALARM OFF



To shut the alarm off, press the POWER button **1** once and the alarm time will be reset for the next day. Slide the BUZZ/MUSIC/OFF switch **2** to the OFF position to turn off the alarm and not set it for the next day.

SNOOZE

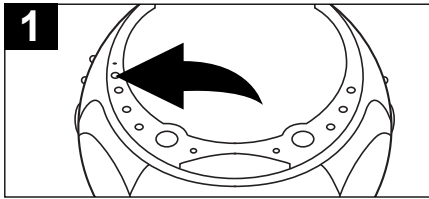


1
The alarm can be temporarily turned off manually by pressing the SNOOZE button; the alarm will turn back on automatically 7 minutes later. It can be repeated endlessly.

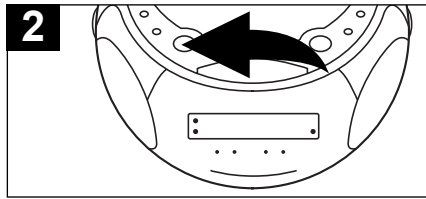
NOTE: In Dual Alarm mode, if both alarms are set, the Snooze feature will only operate up to the next alarm. If the next alarm time is reached, the unit automatically turns on for 59 minutes and then shuts off.

OPERATION (CONTINUED)

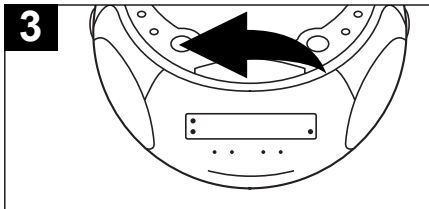
TO ACTIVATE THE SLEEP FUNCTION



Tune the desired radio station or insert a CD as previously instructed and press the POWER button to turn the unit on; the POWER indicator will light.



Press the SLEEP button and "--" will appear on the clock display, then release the button.

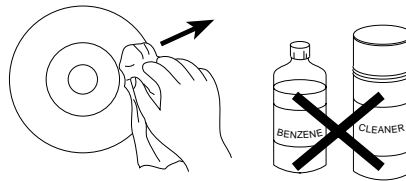
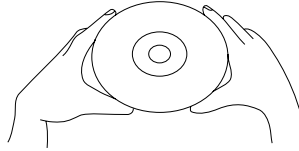


Press the SLEEP button a second time to set the unit to turn off after 90 minutes. Press a third time to set to 60 minutes. Pressing a fourth time to set to 30 minutes. Pressing the SLEEP button again turns off the Sleep feature.

CARE AND MAINTENANCE

Caring for Compact Discs

- Treat the disc carefully. Handle the disc only by its edges. Never allow your fingers to come in contact with the shiny, unprinted side of the disc.
- Do not attach adhesive tape, stickers, etc. to the disc label.
- Clean the disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the disc. If necessary, use a CD cleaning kit.
- If a disc skips or gets stuck on a section of the disc, it is probably dirty or damaged (scratched).
- When cleaning the disc, wipe in straight lines from the center of the disc to the outer edge of the disc. Never wipe in circular motions.



- This unit is designed to play only compact discs bearing the identification logo as shown here. Other discs may not conform to the CD standard and may not play properly.
- Compact Discs should be stored in their cases after each use to avoid damage.
- Do not expose compact discs to direct sunlight, high humidity, high temperatures, or dust, etc. Prolonged exposure or extreme temperatures can warp the disc.
- Do not stick or write anything on either side of the disc. Sharp writing instruments, or the ink may damage the surface.



Cleaning the unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.
- Mild soap and a damp cloth may be used on the front panel.

TROUBLESHOOTING GUIDE

If you experience a problem with this unit, check the chart below before calling for service.

SYMPTOM	CAUSE	SOLUTION
Unit will not turn on.	AC cord not connected.	Check AC cord connection.
Disc will not play.	CD compartment not closed.	Close CD compartment door.
	Disc inserted incorrectly.	Reinsert disc correctly.
	Dirty or defective CD.	Try another disc.
	Moisture condensation on disc.	Wipe disc with soft cloth.
No sound.	VOLUME control set to minimum.	Increase volume.
	Defective disc.	Try another disc.
Erratic playback.	Dirty or defective disc.	Clean or replace disc.
Time reset to "12:00".	Battery connected improperly, not connected or dead.	Check the battery.
	Clock not set.	Set the clock.
Alarm does not turn on.	ALARM switch is not in correct position.	Set ALARM switch to the desired alarm.
	Clock is not set.	Set the clock.
	Alarm is not set.	Set the Alarm.
AM or FM, no sound.	Power is not on.	Press the POWER button to turn the unit on.
	VOLUME control set to minimum.	Increase volume.

SPECIFICATIONS

AUDIO

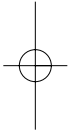
Frequency Range (AM)530–1710KHz
Frequency Range (FM).....88–108MHz

CD SECTION:

Disc Diameter4.72" (120mm)
.....3.15" (80mm) Single CD
Optical Source.....Semiconductor Laser
Wavelength780nm

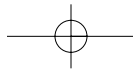
GENERAL

Power Supply.....AC 120V, 60Hz (9V for back-up)



Memcorp, Inc.
Weston, FL
Printed in Hong Kong

Visit our website at www.memcorpinc.com

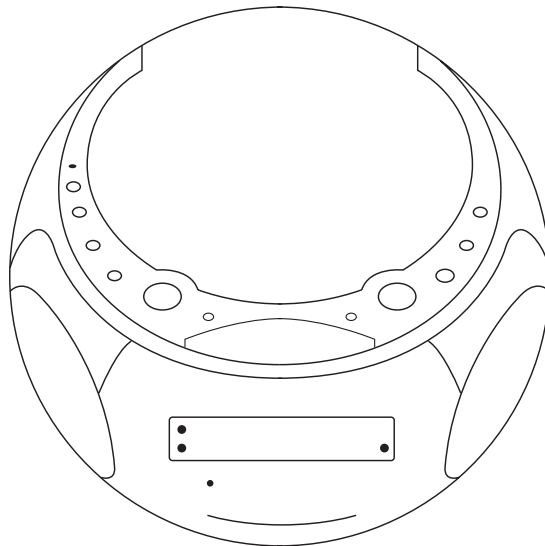


Memorex[®]

**DUAL ALARM CLOCK STEREO RADIO
WITH PORTABLE CD PLAYER**

MODEL: MC2851

**BEFORE OPERATING THIS PRODUCT, PLEASE READ THESE
INSTRUCTIONS COMPLETELY.**



OPERATING INSTRUCTIONS