

# PORTABLE CD PLAYER with AM/FM RADIO



## OWNER'S MANUAL

### SB220



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## CAUTION

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

 <p>The lightning flash with arrow-head symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>	<p style="text-align: center;"><b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p><b>WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</b></p>	 <p>The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p>
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The Caution Marking was located at the rear enclosure of the apparatus.

## IMPORTANT SAFETY INSTRUCTIONS

- 1.) Read these instructions.
- 2.) Keep these instructions.
- 3.) Heed all warnings.
- 4.) Follow all instructions.
- 5.) Do not use this apparatus near water.
- 6.) Clean only with dry cloth.
- 7.) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8.) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9.) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10.) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11.) Only use attachments / accessories specified by the manufacturer.
- 12.) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13.) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14.) This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.
- 15.) Do not overload wall outlet. Use only power source as indicated.
- 16.) Use replacement parts as specified by the manufacturer.
- 17.) The product may be mounted to a wall only if recommended by the manufacturer.
- 18.) Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.



Emerson Radio Corp. has produced this audio product under licence from Nickelodeon. We have taken great care to make sure your unit was in perfect working order when it left our factory.

It has been designed to give you many years of enjoyment and trouble free operation. Read this manual before operating this unit to become familiar with its features.

In the event you require technical assistance, please contact the Emerson Radio Customer Service hotline at 1-800-898-9020.

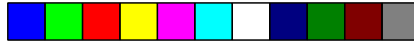
Retain this manual for future reference.

For future reference, record the serial number in the space provided.

**Model No.: SB220**

**Serial Number:** \_\_\_\_\_






## IMPORTANT NOTES

- Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliance such as electric heaters, on top of other stereo equipment that radiates too much heat, places lacking ventilation or dusty areas, places subject to constant vibration and/or humid or moist areas.
- Store your CDs in a cool area to avoid damage from heat.
- Do not attempt to clean this unit with chemical solvents as this might damage the finish. Use a clean dry cloth.
- Operate controls and switches as described in the manual.
- Before turning on the power, make certain that the connecting cords, if any, and power cord are properly installed.
- When moving the set, be sure to first disconnect the AC power cord.

## CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT APPAREIL À LASER DE CLASSE 1 PRODUCTO LASER DE CLASE 1	CAUTION INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM	
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**This product contains a low power Laser Device.**

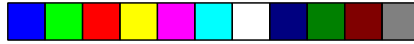
## FCC Information

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 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.

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 undesired operation.



## PREPARATION FOR USE

### UNPACKING AND SET-UP

- Carefully remove the unit from the carton and remove all packing material from the unit.
- Remove any labels or stickers which may be on the front or top of the set, but do not remove any labels from the back or bottom.
- Press the CD door OPEN button and remove the dummy CD display card from the CD compartment.
- We suggest that you retain the original carton and packing materials in case it ever becomes necessary to return your unit for service. This is the only sure way to protect the unit from damage in transit.
- If you do dispose of the carton and packing materials, please do so properly. Emerson cares about our environment.

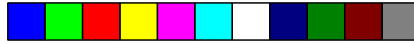
### IMPORTANT INFORMATION

- Playing CD's at higher volume levels increases the battery drain and shortens the battery life. Try to use AC power whenever it is available.
- You must remove the AC Power Cord from the AC Cord Socket on the back cabinet in order to operate the unit on batteries.
- We recommend using alkaline batteries for the longest possible life.
- Change the batteries when the output of the unit becomes weak or the sound becomes distorted. Always change all six (6) batteries at the same time.
- If the unit will be stored and not used for 30 days or more it is recommended to remove the batteries from the battery compartment to reduce the possibility of damage from battery leakage or corrosion.

#### BATTERY PRECAUTIONS

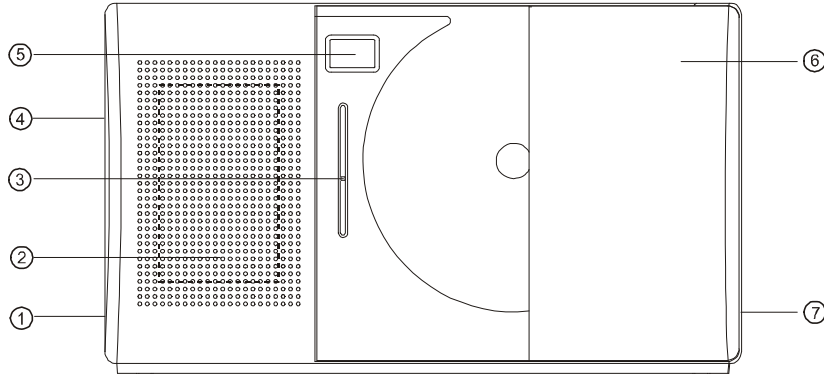
Follow these precautions when using batteries in this device:

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.)

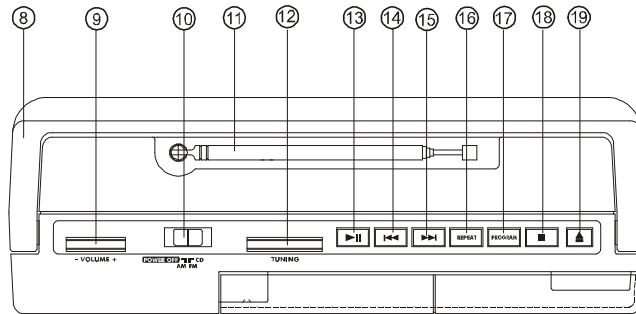


## LOCATION OF CONTROLS AND INDICATORS

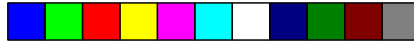
### FRONT VIEW



### TOP VIEW



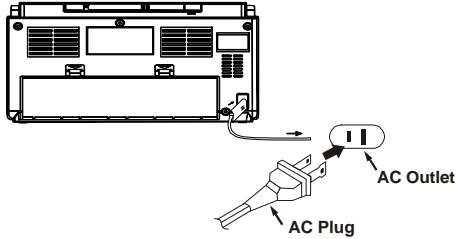
- |  |                                  |
|--|----------------------------------|
| 1.) AC Socket (At back cabinet).                       | 11.) Telescopic Antenna.         |
| 2.) Speaker.   | 12.) TUNING Control.             |
| 3.) Dial Scale.  | 13.) PLAY/PAUSE ►   Button.      |
| 4.) PHONES Jack.                                       | 14.) REV. SKIP/SEARCH ◀◀ Button. |
| 5.) CD Display.  | 15.) FWD. SKIP/SEARCH ▶▶ Button. |
| 6.) CD Door.   | 16.) REPEAT Button.              |
| 7.) Battery Compartment.<br>(At back cabinet).         | 17.) PROGRAM Button.             |
| 8.) Carrying Handle.                                   | 18.) STOP ■ Button.              |
| 9.) VOLUME Control.                                    | 19.) CD Door OPEN ▲ Button.      |
| 10.) Function Selector Switch.<br>(POWER OFF/AM/FM/CD) |                                  |



## POWER SUPPLY

### AC OPERATION

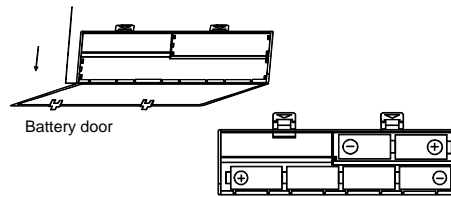
Connect the smaller end of the AC power cord to the AC socket on the back cabinet. Insert the plug into your 120 volt 60Hz household AC outlet.



### BATTERY OPERATION

Disconnect the AC power cord from the AC socket of the unit. Battery power is cut automatically while the cord is connected.

When the volume decreases, or the sound distorts, replace all of the batteries with new ones.



Insert six UM-2 (size C) batteries.

### CAUTION

To prevent electrical shock, match wide blade of plug to wide slot and insert fully.

## ADJUSTING THE SOUND

### TO ADJUST THE VOLUME



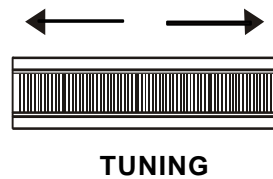
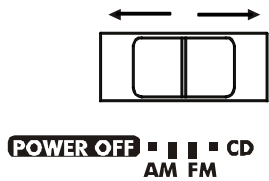
### FOR PRIVATE LISTENING

Plug in headphones (ø3.5 mm stereo mini-plug) to the PHONES jack on left side panel. When headphones are plugged in, the speaker is automatically disconnected.

## LISTENING TO THE RADIO

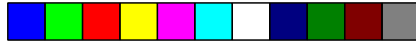
1.) Set to desired Function AM or FM.

2.) Tune in to a station.



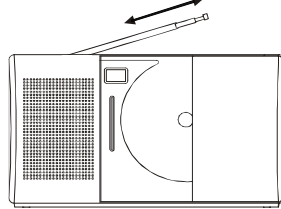
3.) Adjust the sound.





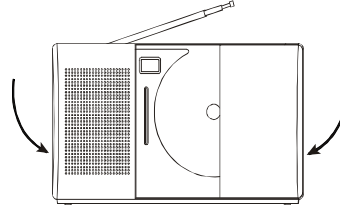
### FOR BETTER RECEPTION

#### FM



Extend the telescopic antenna.

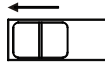
#### AM



Rotate the unit for best reception.

### AFTER LISTENING

Set the Function switch to 'POWER OFF'.

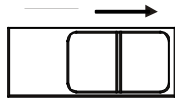


POWER OFF ■ ■ ■ ■ CD  
AM FM

## COMPACT DISC PLAYBACK

**IMPORTANT!** The unit should not be carried around during CD playback. If the unit is subjected to bumps and shocks during playback the disc may skip or stop.

1.) Set Function to CD



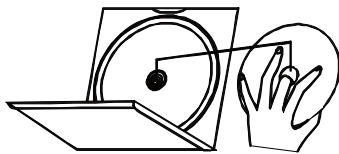
POWER OFF ■ ■ ■ ■ CD  
AM FM

2.) Press the CD OPEN button to open the CD door.

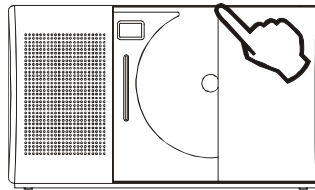


CD  
OPEN

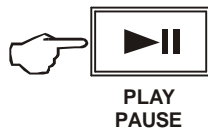
3.) Insert a disc with the label side facing out. Press down near the center hole to make sure the disc is firmly seated on the spindle.



4.) Close the CD door by pressing on front edge of the door.



5.) Press the PLAY/PAUSE button. Playback will begin on Track 1.





PLAY  
PAUSE








### TO INTERRUPT PLAYBACK


Press the PLAY/PAUSE  button once during playback. Playback stops and the track display flashes. Press the PLAY/PAUSE  button again to cancel pause and resume playback at the same point in the track. The track display stops flashing.

### TO STOP PLAYBACK





Press the STOP  button and the display shows the total tracks of the disc.





STOP

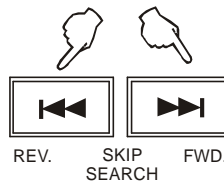
**NOTE:** After pressing the STOP  button wait a few seconds for the disc to stop completely before opening the CD door.

### TO SKIP TO THE BEGINNING OF A TRACK

- Press either one of the  REV /  FWD skip buttons according to the desired skip direction.
- Playback resumes from the selected track.
- When the  FWD button is pressed once during playback, the player advances to the beginning of the next track.
- When the  REV button is pressed once during playback, the player returns to the beginning of the track being played. To back up to the beginning of the previous track press the button twice.

### SEARCHING FOR A PASSAGE WITHIN A TRACK

- Keep the  FWD or  REV button pressed during playback, and release the button as soon as you recognize the desired passage. Normal CD playback will resume from this point.





## REPEAT PLAYBACK

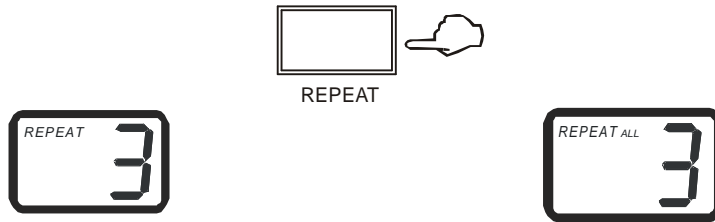
This function allows a single track or all tracks on a disc to be played repeatedly.

### TO REPEAT THE SAME TRACK

Press the REPEAT button once during playback. The CD display will indicate " REPEAT ".

### TO REPEAT THE WHOLE DISC

Press the REPEAT button twice until " REPEAT ALL " displays.



### TO CANCEL REPEAT PLAYBACK FUNCTION

Press the REPEAT button again until " REPEAT " or " REPEAT ALL " disappears from the display.



## PROGRAMMED PLAYBACK

Programmed playback enables tracks on a disc to be played in any desired order. Up to **20** tracks can be programmed.

**NOTE :** Programming can only be done when the player is in Stop mode.

- 1.) Press the PROGRAM button. "PROGRAM" indicator flashes in the display.



- 2.) Press the ►► FWD or ◀◀ REV button to select the desired track number.  
Example: Track 7.



- 3.) Press PROGRAM button again to memorize the track.

- 4.) Repeat steps 2 and 3 until all desired tracks are programmed.

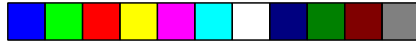
- 5.) Press the PLAY/PAUSE ►|| button to start playback.  
"PROGRAM" indicator is flashing in the CD display.



- 6.) Press STOP ■ button to stop programmed playback. The CD playback stops but the program remains in the memory.

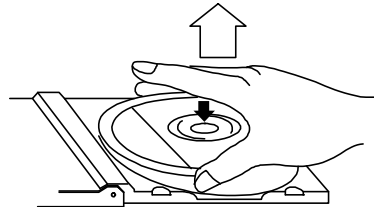
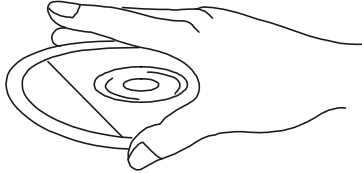
- 7.) Press PROGRAM and PLAY/PAUSE ►|| buttons to resume programmed playback.

- 8.) To clear the program memory, open the CD door, change to Radio function or switch the power 'OFF'.

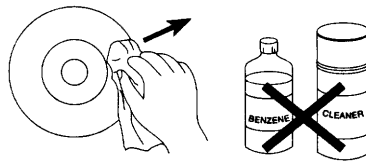
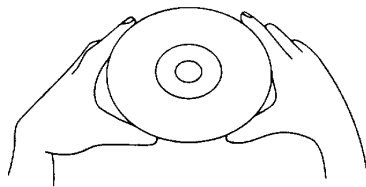


## CARE AND MAINTENANCE

### COMPACT DISC CARE



- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.
- 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 any 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.





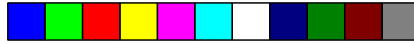
## CLEANING THE UNIT

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax or polish sprays on the cabinet.
- If the cabinet becomes dirty or smudged with fingerprints it may be cleaned with a soft cloth slightly dampened with a mild soap and water solution. Never use abrasive cloths or polishes as these will mar the finish of your unit.

## CAUTION:

Never allow any water or other liquids to get inside the unit while cleaning.





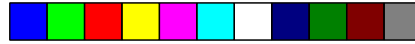
## TROUBLESHOOTING GUIDE

**Should this unit exhibit a problem, check the following before seeking service.**

Symptom	Possible Cause	Solution
<b>Radio</b>		
Noise or sound distorted on AM or FM broadcasts.	Station not tuned properly for AM or FM.	Retune the AM or FM broadcast station.
	FM: Rod antenna is not extended.	Extend FM Rod antenna.
	AM: The bar antenna is not positioned correctly.	Reposition the unit until best reception is obtained.
AM or FM no sound.	Function switch is not set to AM or FM.	Set function switch to AM or FM.
	Volume at minimum.	Increase Volume.
<b>Compact Disc Player</b>		
CD Player will not play.	Function switch is not set to CD.	Set unction switch to CD.
	CD is not installed or installed incorrectly.	Insert CD with label side facing out.
CD skips while playing.	Disc is dirty or scratched.	Wipe disc with cloth or use another disc.

 <b>Emerson</b> SERVICE	TO FIND THE LOCATION AND PHONE NUMBER OF YOUR NEAREST SERVICE CENTER PERMITTED TO PERFORM WARRANTY...
CALL TOLL FREE: 1-800-695-0098	
FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE PLEASE CALL: 1-800-898-9020	
FOR CUSTOMER SERVICE, PLEASE WRITE TO: Emerson Radio Corp. Consumer Affairs Dept. 1901 Diplomat Drive, Farmers Branch, TX 75234	





**LIMITED WARRANTY**

Emerson Radio Corp. warrants manufacturing defects in original material, including original parts and workmanship, under normal use and conditions, for a period of ninety (90) days from the date of original purchase in the U.S. With your dated proof of purchase, we will provide repair service at no charge for labor and parts at an authorized Depot Repair Facility, or replace the product in our discretion. For repair or replacement, pack your unit in a padded box, enclose your check or money order payable to Emerson Radio Corp. in the amount of \$9.00 (not required by California residents) to cover shipping and handling costs, and enclose a copy of your proof of purchase. Send your unit to:

Emerson Radio Corp.  
1901 Diplomat Drive.  
Farmers Branch, TX 75234.

This warranty does not cover damage from negligence, misuse, abuse, accident, failure to follow operating instructions, commercial use, rental, repairs by an unauthorized facility, or products purchased, used, serviced or damaged outside of the United States.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

**AU898M**



**EMERSON**  
**Part No. 21-2072**  
**501-01**

**Printed in China**



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