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# PORTABLE CD, CD-R/RW PLAYER with AM/FM STEREO RADIO



## OWNER'S MANUAL

# SB250A

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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.



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.

### CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

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.



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.

## 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 are 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.

**NOTES:**

- Please avoid using this unit in places of high temperature or humidity over prolonged periods of time as damage may occur.
- Exposure to direct sunlight in places such as car interiors may cause the unit to become warped and/or lead to malfunctioning.
- Avoid using or storing this unit in dusty or sandy locations.

The serial number of your unit is located on a label on the bottom cabinet. Please take a moment now to record the serial number in the space provided below. You may need this number in case your unit is damaged or lost. You may also be asked to provide this number when calling to request warranty service.

**Model No: SB250A**

**Serial No:** \_\_\_\_\_



## IMPORTANT NOTES

- Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliances 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.
- 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 power cord is properly installed.
- Store your CDs in a cool area to avoid damage from heat.
- When moving the set, be sure to first disconnect the 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



**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 main unit and the AC power cord from the display carton. Remove all the packing material from the unit. Remove any decorative or descriptive labels from the front or top of the cabinet. Do not remove any labels from the back or bottom of the cabinet.
- Carefully remove any small strips of tape that may have been used to prevent the CD door from opening in transit.
- Unwind the AC power cord and extend it to its full length.
- This unit was shipped with a dummy CD transit card in the CD player. This dummy CD prevents the laser pick up from moving during shipment. This card must be removed before you can insert your own CDs. Press on the indented area of the CD door to open it. Carefully remove the dummy CD from the player and discard it. Close the CD door.
- Place the unit on a flat, level surface such as a table, desk, counter, shelf, etc, convenient to a 120V 60 Hz AC outlet, out of direct sunlight, and away from sources of excess heat, dust, moisture, or strong magnetic fields.

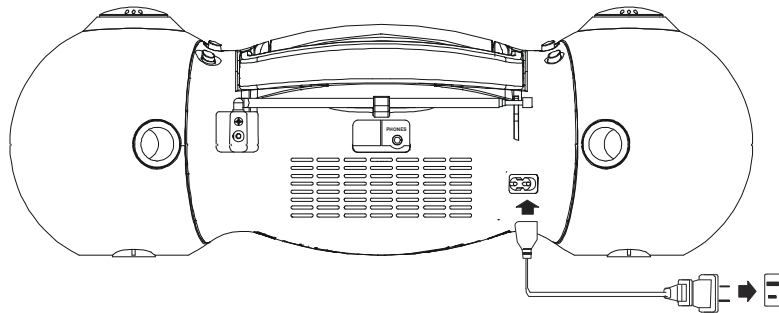


## POWER SOURCES

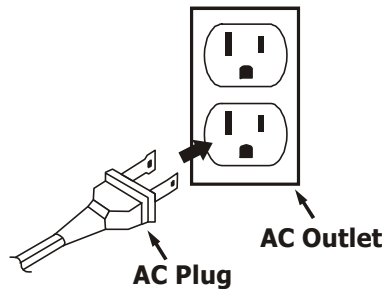
This model is designed to operate on 120V 60Hz AC or 12V DC (8 "C" batteries, not included). Attempting to operate this model from any other power source could cause damage to the unit and such damage is not covered by your warranty.

### AC Operation

Connect the small end of the AC power cord to the AC socket on the back cabinet, then plug the AC power cord into a 120V AC outlet.



**NOTE:** This unit has a polarized AC plug with one wide blade and one narrow blade. This plug will only fit into a matching polarized AC outlet. This is a safety feature to reduce the possibility of electric shock. If this plug will not fit in your AC outlet, you probably have an outdated non-polarized outlet. You should have your outdated outlet changed by a qualified, licensed electrician. Do not file the wide blade on the plug, or use an adapter to make the plug fit into your outlet. This defeats the safety feature and could expose you to electric shock.

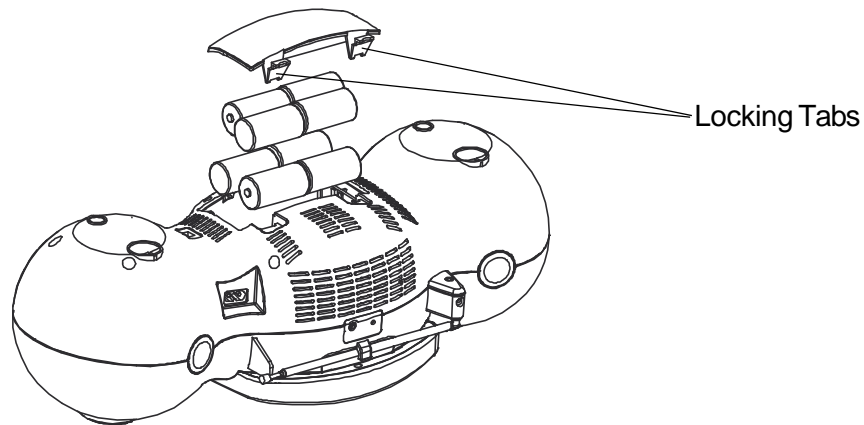


**Note:** In order to operate the unit on batteries the AC power cord must be completely disconnected from the AC socket on the back cabinet.



## Battery Operation

- 1.) Turn the unit upside down. The battery compartment is located on the bottom cabinet.
- 2.) Press downward on the battery door locking tabs and remove the battery door.



- 3.) Insert 8 fresh "C" batteries, not included, in the battery compartment. We recommend alkaline batteries for longest life and best performance. Be sure to observe the battery polarity markings engraved in the battery compartment. If the batteries are inserted incorrectly the unit will not work.
- 4.) Replace the battery door.

When the sound becomes weak or distorted it is time to change the batteries. Always change all 8 batteries at the same time. Do not mix old and new batteries together. Do not mix different types of batteries, such as alkaline batteries and normal batteries, in the battery compartment.

If the unit will not be used for an extended period of time - such as two weeks or more - or if the unit will be used mainly on AC power, remove the batteries from the battery compartment. If weak or dead batteries are left in the battery compartment they may eventually leak, causing possible corrosion damage to the unit, and such damage is not covered by your warranty.



### **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.)

## **PROTECT YOUR FURNITURE**

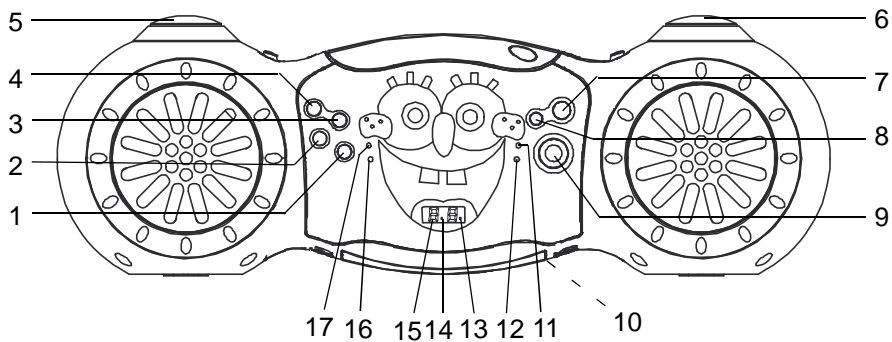
This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.





## LOCATION OF CONTROLS AND INDICATORS

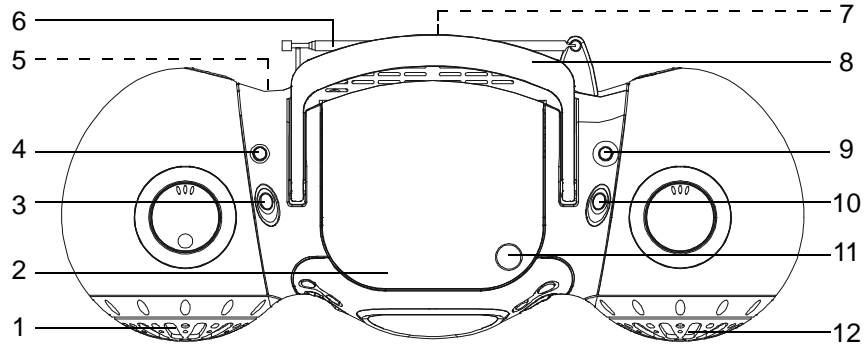
### FRONT PANEL







- |                                   |   |
|-----------------------------------|---|
| 1.) <b>INTRO</b> Button.          | 10.) Battery Compartment.<br>(Bottom Cabinet) |
| 2.) <b>PROGRAM</b> Button.        | 11.) <b>POWER</b> "On" Indicator.             |
| 3.) <b>FWD. SKIP</b> ►► Button.   | 12.) <b>FM ST.</b> Indicator.                 |
| 4.) <b>REV. SKIP</b> ◀◀ Button.   | 13.) Play/Pause Indicator.                    |
| 5.) <b>VOLUME</b> Control.        | 14.) Intro Play Indicator.                    |
| 6.) <b>TUNING</b> Control.        | 15.) CD Track LED Display.                    |
| 7.) <b>STOP</b> ■ Button.         | 16.) <b>PROG</b> Indicator.                   |
| 8.) <b>REPEAT</b> Button.         | 17.) <b>REPEAT</b> Indicator.                 |
| 9.) <b>PLAY/PAUSE</b> ►   Button. |   |



## TOP PANEL



- 1.) Speakers.
- 2.) CD Door.
- 3.) **FUNCTION (POWER OFF/CD/RADIO)** Selector Switch.
- 4.) **BASS BOOST (ON  /OFF )** Button.
- 5.) AC Cord Socket. (Back Cabinet)
- 6.) Telescopic Antenna.
- 7.) **PHONES** Jack. (Back Cabinet)
- 8.) Carrying Handle.
- 9.) **FM MODE (ST.  /MONO )** Button.
- 10.) **BAND (FM/AM)** Selector Switch.
- 11.) CD Door **OPEN/CLOSE** Position.





## OPERATING INSTRUCTIONS



- Make sure you have installed the batteries in the battery compartment, or
- Connect the AC power cord plug to a 120V 60Hz AC outlet.

### GENERAL CONTROLS



#### BASS BOOST ON /OFF Button

Set this button to the “ON ” position to increase the bass response. Set to the “OFF ” position for normal bass response.

#### FM MODE Selector

Normally you should leave this switch set to the “ST. ” position for FM Stereo reception. However if you are listening to a distant FM Stereo station and the reception is noisy or weak set this switch to the “MONO ” position. This will normally provide some improvement in reception, however the sound will no longer be in stereo.

### LISTENING TO THE RADIO

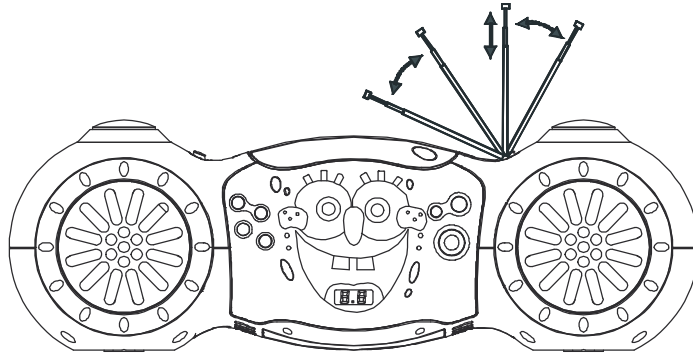
- 1.) Slide the **POWER OFF/CD/RADIO** selector switch, located on the top cabinet, to the **RADIO** position. The **POWER** indicator will light.
- 2.) Select the desired band – **AM** or **FM** – by sliding the **BAND** selector, located on the right side, to the correct position.
- 3.) Fully extend the telescoping FM rod antenna.
- 4.) Set the **FM MODE** button to the Stereo “ST. ” position.
- 5.) Tune to the desired station by slowly rotating the **TUNING** control on the right side. If you tune to an FM Stereo station the **FM ST.** indicator will light.
- 6.) Rotate the **VOLUME** control to adjust the volume to the desired level.
- 7.) Set the **BASS BOOST** switch to the “ON ” position to increase the bass response if desired.
- 8.) When you are finished listening slide the **POWER OFF/CD/RADIO** selector switch back to the **POWER OFF** position. The **POWER** indicator goes off.



## Hints For Better Reception

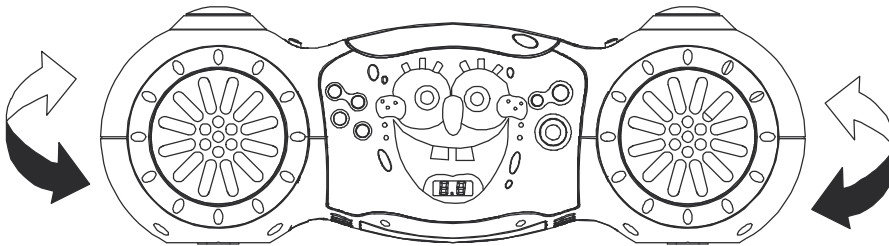
### FM

Adjust the length and direction of the telescoping FM rod antenna until you find the position and direction that provides the best reception.



### AM

The AM ferrite bar antenna is inside the cabinet. If AM reception is unsatisfactory try turning the cabinet slightly until you find the position that provides the best reception.



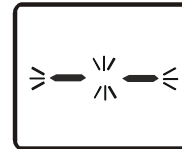


## PLAYING COMPACT DISCS

**NOTE:** Although this portable CD player can read CD-R and CD-RW discs, in addition to normal CDs, the playability of CD-R and CD-RW discs may be affected by the type of software that was used to create the discs, as well as the quality and condition of the blank media you are using. 100% playability cannot be guaranteed. This is not an indication of a problem with the player.

- 1.) Slide the **POWER OFF/CD/RADIO** selector switch on the top cabinet to the **CD** position. The Power indicator will light.

- 2.) The display will show two flashing dashes "--" in the track number display.



After a few seconds the track number display will show "no", indicating that there is no disc in the player.



- 3.) Press on the indented area of the CD door to open it. The "OP" indicator appears in the display. If you have not already done so, before loading your own disc, be sure to remove the dummy CD transit card from the player and discard it.



- 4.) Place your disc on the center spindle with the printed label side facing up. Make sure that the disc is properly centered on the spindle.

- 5.) Close the CD door. The disc will spin for a few seconds while the player reads the TOC (Table of Contents) on the disc. Then the disc will stop spinning and the display will show the total number of tracks on the disc.





- 6.) Press the **PLAY/PAUSE ►II** button. Playback begins on track “01” and the Play indicator appears in the display.  
Adjust the **VOLUME** and **BASS BOOST** controls as desired.



- 7.) Playback will continue until the last track has played then the disc stops, the Play indicator disappears, and the display again shows the total number of tracks on the disc.  
To stop playback before the disc ends press the **STOP ■** button at any time. The disc stops and the display again shows the total tracks on the disc.
- 8.) If you are finished listening remove your disc from the player and close the CD door.
- 9.) Slide the **POWER OFF/CD/RADIO** selector switch back to the **POWER OFF** position. The **POWER** indicator goes off.

### Pause Control

To pause momentarily during CD playback press the **PLAY/PAUSE ►II** button again.

The sound stops and the track number display flashes but the disc continues to spin.



Press the **PLAY/PAUSE ►II** button again to cancel the Pause mode and resume normal playback. The sound resumes at the same point on the disc and the track number display stops flashing.

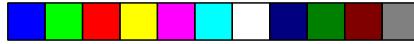


## SKIP/Search Controls (▶▶ / ◀◀)

During playback press the **FWD. SKIP ▶▶** or **REV. SKIP ◀◀** buttons repeatedly to skip forward or back to higher or lower numbered tracks. Playback will start at the beginning of the selected track.

- To search within a track for a specific musical passage depress and hold the **▶▶** or **◀◀** buttons. The player will search rapidly forward or backward as long as the buttons are depressed. When you hear the desired passage release the buttons and normal playback will resume at that point.
- To start playback from a specific track load your disc as usual and wait until the display shows the total number of tracks. Press the **▶▶** or **◀◀** buttons repeatedly until the desired track number appears in the display then press the **PLAY/PAUSE ▶||** button to begin playback on the desired track.





## Special Playback Modes

### Repeat Playback

You can program the player to continuously repeat a single track or the entire disc. The Repeat mode can be selected while the disc is playing or while the disc is stopped.

### Single Track Repeat

Select the track to be repeated and then press the **REPEAT** button on the front panel once. The **REPEAT** indicator begins flashing.

If necessary, press the **PLAY/PAUSE** ►|| button to begin playback. The selected track will be repeated continuously.

### All Tracks Repeat

Press the **REPEAT** button on the front panel twice. The **REPEAT** indicator remains 'On'.

If necessary, press the **PLAY/PAUSE** ►|| button to begin playback. The entire disc will be repeated continuously.

To cancel Repeat playback press the **REPEAT** button on the front panel until the **REPEAT** indicator goes 'Off'.

Repeat Playback mode may also be cancelled by pressing the **STOP** ■ button, switching to Radio function, or shutting the power 'Off'.

### Intro Scan Playback

This feature plays just the first 10 seconds of each track on the disc. This feature is useful if you are looking for a particular song but you cannot remember the track number or the song title.

- 1.) Load your disc as usual and wait until the display shows the total number of tracks.
- 2.) Press the **INTRO** button. The Intro Indicator appears on the display. The player will begin playing track "01". After 10 seconds the player skips to track "02", and so on, until it has played the first 10 seconds of each track on the disc.
- 3.) When you hear the desired song press the **INTRO** button again to cancel the Intro Scan playback mode and resume normal playback.







## Programmed Playback

Use the Programmed Playback feature to play up to **32** tracks on a disc in any desired order. You may also program a particular track to play several times within a programmed sequence if desired.

**Notes:** You cannot program a disc while it is playing. Press the **STOP** ■ button to stop playback and then follow the programming steps below.

- 1.) Load your disc as usual and wait until the display shows the total number of tracks on the disc.



- 2.) Press the **PROGRAM** button on the front panel. The **PROG** indicator begins flashing and Program Memory number "01" appears in the display.



- 3.) Press the **▶▶** or **◀◀** buttons to select the first track number to be programmed. Example: Track number **07**.



When the desired track number is flashing in the display press the **PROGRAM** button again.

Track 07 is now entered in Program Memory number "01". The program memory number now advances to number "02".



- 4.) Repeat step 3, selecting a different track number each time until you have entered up to 32 tracks in the program memory.
- 5.) When you have completed programming the desired tracks press the **PLAY/PAUSE** ▶|| button to begin programmed playback. The **PROG** indicator remains 'On'. Playback will begin on the first track you programmed and will continue until the last programmed track has played.



6.) When the program is completed the player stops and the display again shows the total tracks on the disc. The **PROG** indicator goes 'Off' but the program sequence remains in the memory.

To repeat the program press the **PROGRAM** button and then press the **PLAY/PAUSE ►II** button.

To cancel the program from the memory, press the **STOP ■** button at programming mode.

### Programmed Repeat Playback

You may use the Programmed Playback and Repeat features together to continuously repeat a programmed sequence.

First program the desired sequence according to steps 1 through 5 on page 16.

When Programmed Playback begins press the **REPEAT** button twice to select the Repeat All Tracks mode.

The **REPEAT** indicator and the **PROG** indicator light up. The programmed sequence will be repeated continuously.

### PHONES Jack

The Stereo Headphone Jack is located on the back cabinet. Connect a set of stereo headphones (not included) to this jack for private listening without disturbing others.

The internal speakers are automatically disconnected when headphones are connected to the **PHONES** jack.

**IMPORTANT:** *When using headphones always set the volume control to a low level before you put the headphones on. Then put the headphones on and gradually increase the volume to a comfortable listening level.*



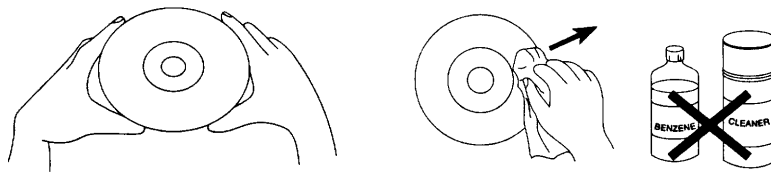
## CARE AND MAINTENANCE

### 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.



- Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.



- 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.
- Never write on or affix labels to the surface of compact discs.

### CARE OF THE CABINET

If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax, polish sprays, or abrasive cleaners on the cabinet.

### 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: Telescopic antenna is not extended.	Extend FM Telescopic 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 RADIO.	Set Function switch to RADIO position.
	Volume at minimum.	Increase Volume.
<b>Compact Disc Player</b>		
CD Player will not play.	FUNCTION switch is not set to CD.	Set FUNCTION switch to CD.
CD skips while playing.	CD is not installed or installed incorrectly.	Insert CD with label side up.
	Disc is dirty or scratched.	Wipe disc with cloth or use another disc.



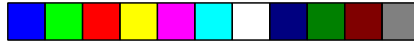
TO FIND THE LOCATION AND PHONE NUMBER OF YOUR NEAREST SERVICE CENTER PERMITTED TO PERFORM WARRANTY...

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.: 21-2073**  
**501-01**

**Printed in China**

