



Portable Top Loading CD Boombox with AM/FM Radio

OWNER'S MANUAL

SB225

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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 dry 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.

PORTABLE CART WARNING
(symbol provided by RETAC)



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.

9. VENTILATION

Slots and openings in the cabinet and in the back or bottom are provided for ventilation, 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 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

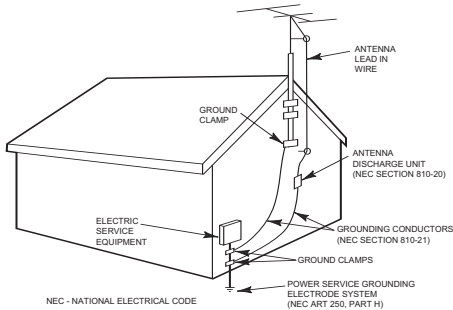
Never push objects of any kind into this product through openings as they may touch dangerous

SAFETY INSTRUCTIONS

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. OUTDOOR ANTENNA GROUNDING

If an outside antenna is connected to the product, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electric Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge product, size of grounding conductors, location of antenna discharge product, connection to grounding electrodes and requirements for grounding electrodes.



EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE

18. 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.

19. 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.

20. 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.

21. WALL OR CEILING MOUNTING

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

22. DAMAGE REQUIRING SERVICE

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

- When the power-supply cord or plug is damaged.
- If liquid has been spilled or objects have fallen into the product.
- If the product has been exposed to rain or water.
- 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.
- If the product has been dropped or the cabinet has been damaged.
- When the product exhibits a distinct change in performance—this indicates a need for service.

23. HEAT

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

24. 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.

Thank you for purchasing the SpongeBob SquarePants Portable CD Boombox from Emerson. Please read this manual before operating this unit to become familiar with its features and obtain the performance that will bring you continued enjoyment for many years. In the event you require technical assistance, please call the Emerson Radio Consumer Affairs Department at: 800-898-9020.

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

Serial Number _____



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.

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.



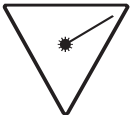
DANGEROUS VOLTAGE:

The lightning flash with arrowhead 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.



ATTENTION:

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.



DANGER:

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

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.

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.

SURGE PROTECTORS:

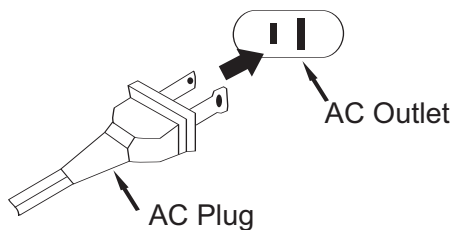
It is recommended to use a surge protector for AC connection. Lightning and power surges ARE NOT covered under warranty for this product.

POWER SOURCES

AC:

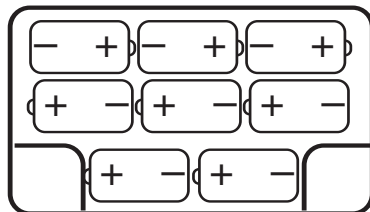
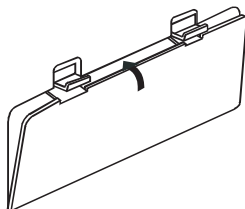
Unwind the AC cord and extend it to its full length. Insert the small end of the AC cord into the AC socket on the side of the unit. Insert the other end of the AC cord into any convenient 120V AC, 60Hz household outlet.

NOTE: The AC plug supplied with the unit is polarized to help minimize the possibility of electric shock. If the AC plug does not fit into a nonpolarized AC outlet, do not file or cut the wide blade. It is the user's responsibility to have an electrician replace the obsolete outlet.



DC:

Remove the Battery Compartment cover on the bottom of the unit by pressing down the two tabs and insert eight (8) "C" cell batteries (not included), observing the battery polarity indicated inside the compartment. Replace the Battery Compartment cover.

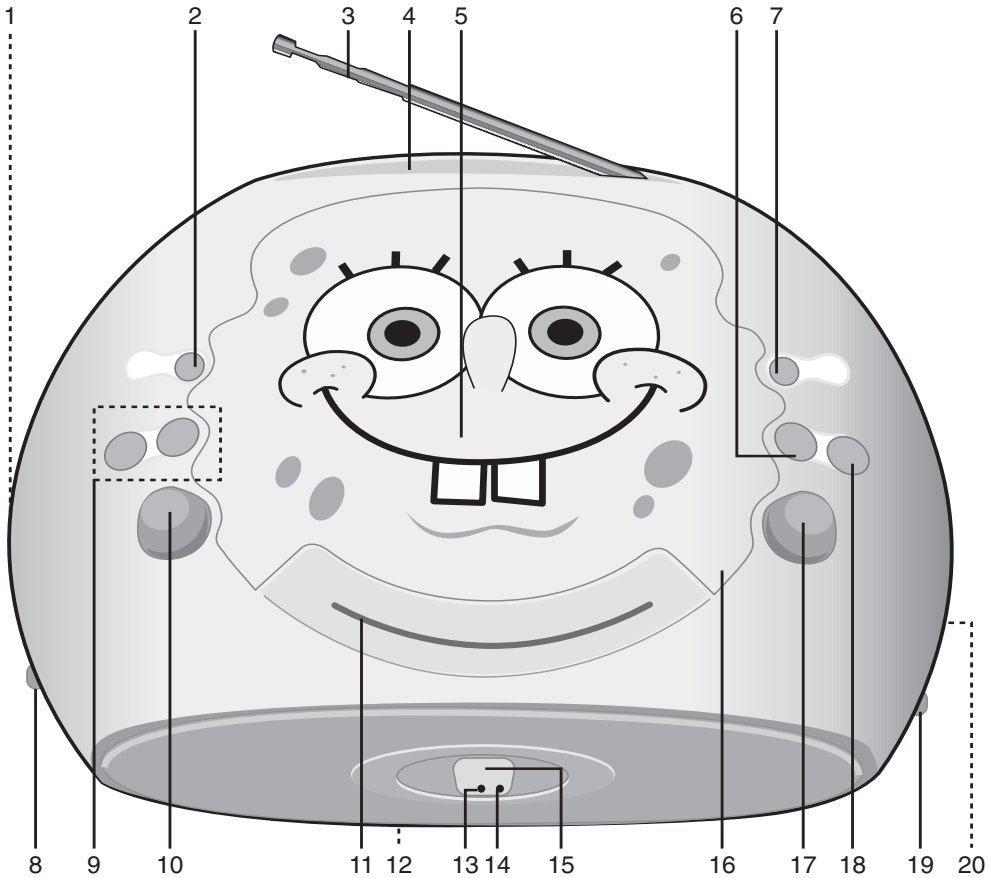


BATTERY PRECAUTIONS

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



- | | |
|--|--|
| 1. AC Socket (Side of Unit) | 12. Battery Compartment (Bottom of Unit) |
| 2. PROGRAM Button | 13. Repeat Indicator |
| 3. FM Antenna | 14. Play/Pause Indicator |
| 4. Carrying Handle | 15. Display |
| 5. CD Compartment | 16. OPEN/CLOSE Area |
| 6. PLAY/PAUSE (▶) Button | 17. TUNING Control |
| 7. REPEAT Button | 18. STOP (■) Button |
| 8. Function Switch
(CD/POWER OFF/RADIO) | 19. Band Switch (AM/FM/FM ST.) |
| 9. SKIP/SEARCH (◀▶) Buttons | 20. PHONES (Headphones) Jack
(Side of Unit) |
| 10. VOLUME Control | |
| 11. AM/FM Dial Scale | |

OPERATION (CONTINUED)

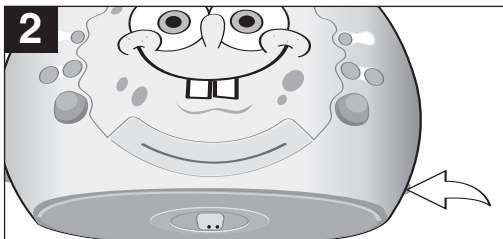
RADIO OPERATION

1



Slide the Function switch to the RADIO position to turn the unit on and select the RADIO mode.

2



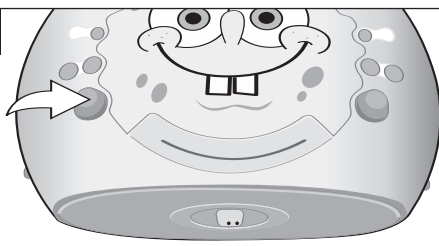
Slide the BAND switch to the AM, FM or FM STEREO position.

3



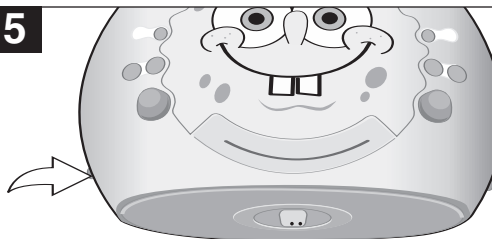
Rotate the TUNING control to select a station.

4



Adjust the VOLUME control as desired.

5



Slide the Function switch to the POWER OFF position to turn the unit off.

ANTENNAS

AM—This unit has a built-in ferrite rod antenna, which provides adequate reception in most areas. If reception is weak, turn the unit to improve reception.

FM—If reception is weak, extend and rotate the FM Rod Antenna.

HEADPHONES

For private listening, insert headphones into the PHONES jack. The speakers will be disconnected when the headphones are inserted.

OPERATION (CONTINUED)

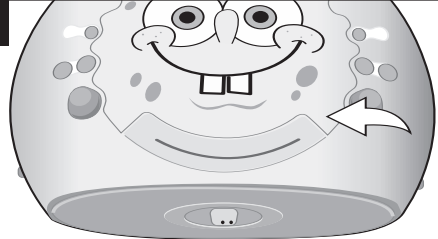
PLAYING COMPACT DISCS NORMAL PLAYBACK

1



Slide the Function switch to the CD position to turn the unit on and select the CD mode.

2



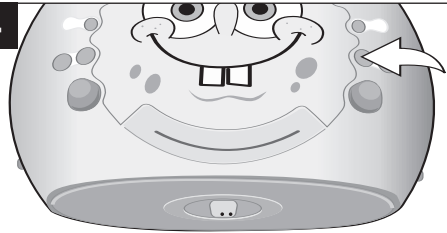
Press the OPEN/CLOSE area to open the CD compartment door. Place a CD on the center spindle, with the printed label side facing up. Close the CD compartment door.

3



The CD player will read the table of contents on the disc and the total number of tracks will appear in the display.

4

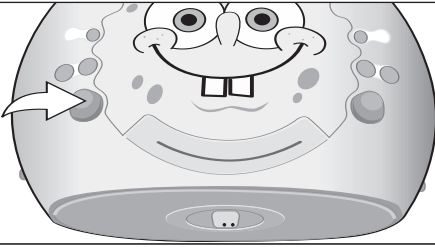


Press the PLAY/PAUSE (▶||) button to begin playback on Track 1; the Play/Pause indicator will light.

CONTINUED ON THE NEXT PAGE

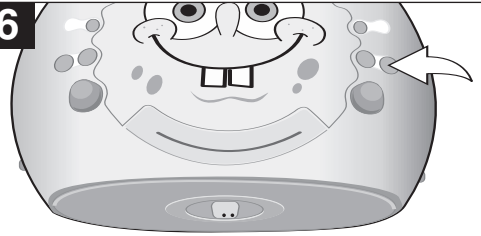
OPERATION (CONTINUED)

5



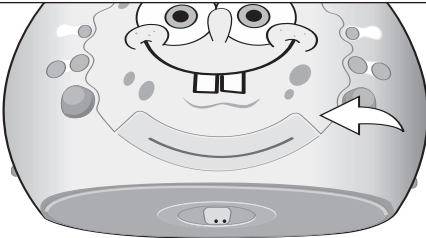
Adjust the **VOLUME** control as desired. Playback will continue until all the tracks on the disc have been played.

6



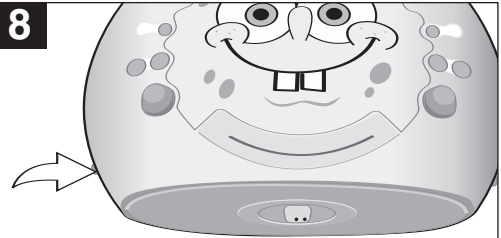
To stop playback before the disc ends, press the **STOP** (■) button. The disc will stop and the display will show the total number of tracks on the disc.

7



After the last track has been played, the disc stops automatically and the display shows the total number of tracks on the disc. If you are finished listening, press the **OPEN/CLOSE** area to open the CD compartment door.

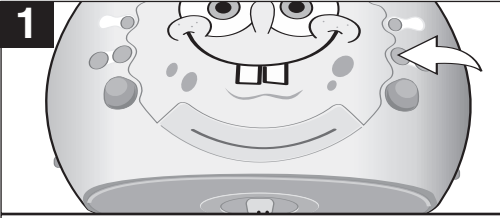
8



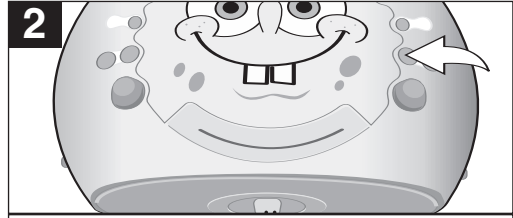
Remove your disc, close the CD compartment door and slide the **Function** switch to the **POWER OFF** position to turn the unit off.

OPERATION (CONTINUED)

CD PAUSE CONTROL

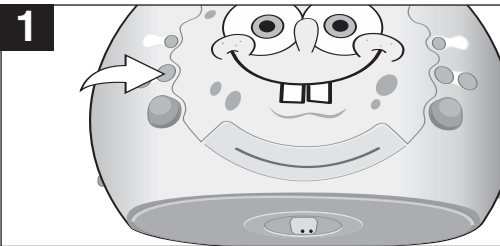


1 During CD playback, if you wish to pause the disc momentarily, press the PLAY/PAUSE (▶||) button. Playback stops but the disc continues to spin and the dot in the Play/Pause indicator will blink.

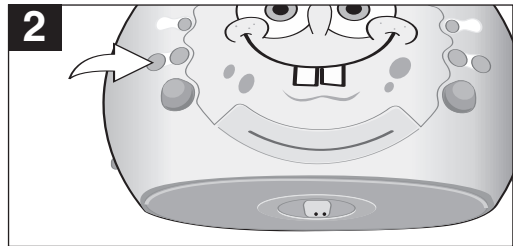


2 Press the PLAY/PAUSE (▶||) button again to release pause and resume normal CD playback; the Play/Pause indicator will light.

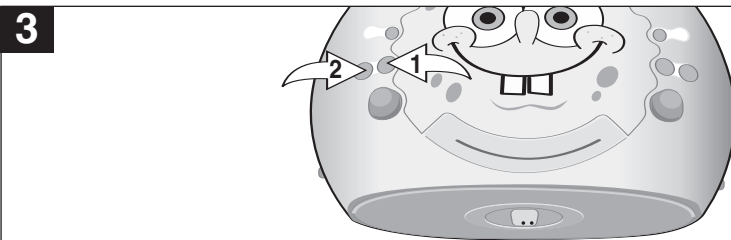
FORWARD/REVERSE SKIP TRACK AND HIGH-SPEED MUSIC SEARCH (◀◀/▶▶)



1 During playback, press the SKIP/SEARCH (▶▶) button once to advance the player to the beginning of the next track. Press the SKIP/SEARCH (▶▶) button repeatedly to advance the player to higher-numbered tracks.



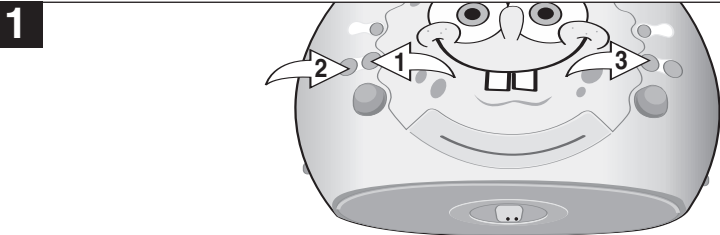
2 During playback, press the SKIP/SEARCH (◀◀) button once to move the player back to the beginning of the current track. Press the SKIP/SEARCH (◀◀) button repeatedly to move the player back to lower-numbered tracks.



3 During playback, depress and hold either the SKIP/SEARCH (▶▶) **1** or (◀◀) **2** button to move the player forward or backward within a track to locate a specific musical passage. The player will move forward or backward at high speed as long as the button is depressed. When you release the SKIP/SEARCH (▶▶) **1** or (◀◀) **2** button, normal playback will resume.

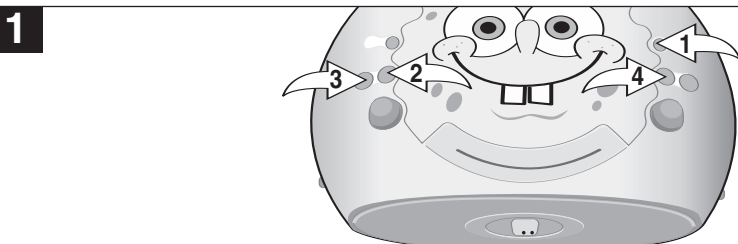
OPERATION (CONTINUED)

TO BEGIN PLAYBACK FROM A SPECIFIC TRACK

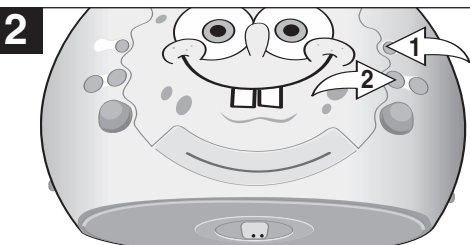


After you insert the disc into the CD player and the total number of tracks appear on the display, you may press either the SKIP/SEARCH (▶▶) ❶ or (◀◀) ❷ button to select a specific track for playback. When the desired track number appears in the display, press the PLAY/PAUSE (▶||) button ❸ to begin playback from the track selected.

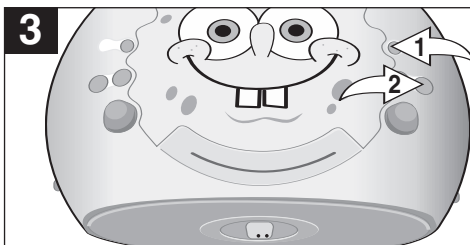
REPEAT PLAYBACK



To repeat a single track, press the REPEAT button ❶ once; the Repeat indicator will blink. Press the SKIP/SEARCH (▶▶) ❷ or (◀◀) ❸ button to select the specific track that you wish to repeat. When the desired track number appears in the display, press the PLAY/PAUSE (▶||) button ❹ to play the track selected. The specific track you selected will be repeated continuously.



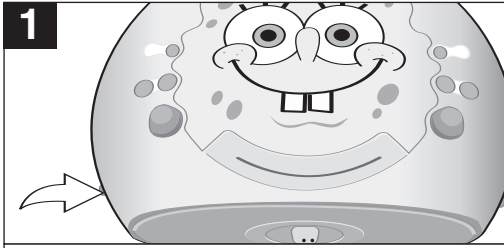
To repeat all of the tracks on a disc continuously, press the REPEAT button ❶ twice; the Repeat indicator will light solid. Press the PLAY/PAUSE (▶||) button ❷ to repeat all tracks.



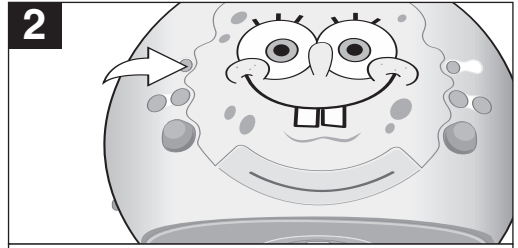
To cancel Repeat Playback, press the REPEAT button ❶ until the Repeat indicator goes out. You can also cancel Repeat Playback by pressing the STOP (■) button ❷.

OPERATION (CONTINUED)

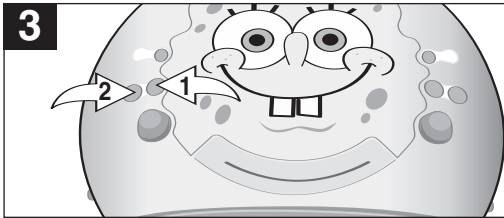
TO PROGRAM THE MEMORY



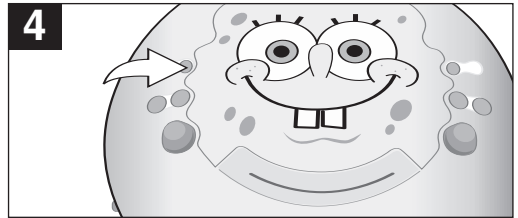
1
Slide the Function switch to the CD position to turn the unit on and select the CD mode.



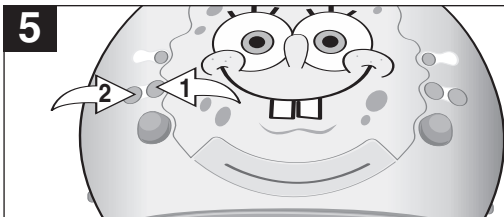
2
Press the PROGRAM button; "01" will blink in the display.



3
Use the SKIP/Search $\ll \bullet$ or $\gg \bullet$ button to select the first track to be programmed.



4
Press the PROGRAM button again; the selected track has now been programmed and counted as program 1.



5
Repeat steps 3 and 4 to program the other desired tracks in sequence.



6
Press the PLAY/PAUSE ($\blacktriangleright \parallel$) button to begin playback; the tracks will play in the order programmed.

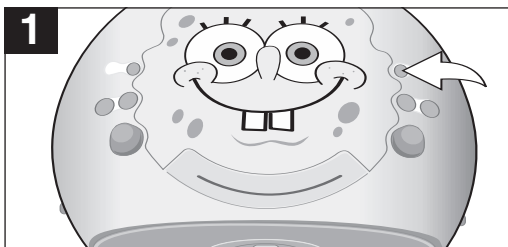
SEE NEXT PAGE FOR NOTES ON PROGRAMMED PLAY

OPERATION (CONTINUED)

NOTES ON PROGRAMMED PLAY:

- Programming is the ability to preselect the order in which a series of tracks will be played.
- Each track may be stored in the program memory as many times as desired.
- As each track is played, its track number will be displayed. You can move forward or backward through the programmed tracks with the SKIP/SEARCH ◀◀ or ▶▶ button.
- The CD player will stop after all programmed tracks have been played or the STOP (■) button is pressed. If the STOP (■) button is pressed, the programmed tracks will remain in memory. Simply press the PROGRAM button and then the PLAY/PAUSE (▶/||) button to continue Program playback.
- To cancel Program memory, press the Program button to enter the Program mode and then press the STOP (■) button or open the CD door.

PROGRAMMED REPEAT



It is also possible to use the Program and Repeat functions together to repeat a specific program indefinitely. First, program the tracks you wish to hear in the order you wish to hear them, as described on page 12. Then, press the REPEAT button twice.

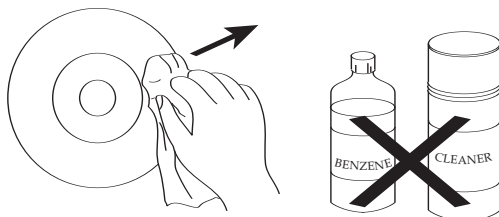
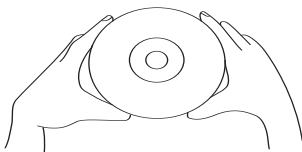


Press the PLAY/PAUSE (▶/||) button to begin programmed repeat playback. The player will play the tracks you selected in the order in which you programmed them. When the last track in the program has been played, the entire program will begin again.

CARE AND MAINTENANCE

Caring for Compact Discs

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

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

Symptom	Possible Cause	Solution
Radio		
Noise or sound distorted on radio broadcasts.	Station not tuned properly for AM or FM.	Retune the AM or FM broadcast station.
	FM: Telescopic antenna is not properly adjusted.	Reorient FM telescopic antenna.
	AM: Unit is not positioned correctly.	Rotate unit until best reception is obtained.
AM or FM, no sound.	FUNCTION switch not set to Radio.	Set FUNCTION switch to Radio
	Volume at minimum.	Increase volume.
Compact Disc Player		
CD Player will not play.	FUNCTION switch not set to CD.	Set FUNCTION switch to CD.
	CD is not installed or installed upside-down.	Insert CD with label side up.
CD skips while playing.	Disc is dirty or scratched.	Wipe disc with cloth or use another disc.
General		
No sound.	Power cord disconnected.	Connect power cord.
	No batteries, or weak, dead or inserted incorrectly.	Insert fresh batteries correctly.

**EMERSON RADIO CORP.
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.
5101 Statesman Drive,
Irving, TX 75063.

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.

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Emerson[®]

AUTHORIZED SERVICE

TO FIND THE LOCATION AND
PHONE NUMBER OF YOUR
NEAREST AUTHORIZED
SERVICE CENTER...

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.,
5101 Statesman Drive,
Irving, TX 75063.**



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