



# AM/FM Radio with CD Player

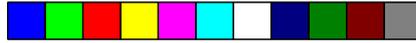
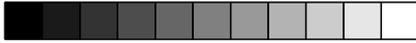


*OWNER'S MANUAL*

**NR52**

Visit our web site at [www.emersonradio.com](http://www.emersonradio.com)





## 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

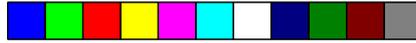
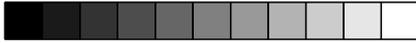
WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



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 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.



**Thank you**..... for purchasing this Emerson Heritage Series complete home audio system. Inside this beautiful real wood veneer cabinet you will find a state of the art audio system that includes an AM/FM Radio, a Compact Disc player, and a wide-range dynamic speaker. This system has been designed to provide you with many years of enjoyment and trouble-free operation with an absolute minimum of care and maintenance.

Every component in this system was in perfect working order when it left our factory. If you experience any problems with the set up or operation of this system, PLEASE DO NOT RETURN IT TO THE RETAIL STORE. Please call the Emerson Customer Service Hotline, toll-free, at 800-898-9020. One of our representatives will attempt to resolve the problem for you. If the problem cannot be resolved by phone you will be instructed on how to receive a replacement unit.

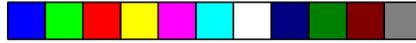
Please read all of the instructions in this manual to make sure you are getting the maximum benefit out of all the features included in this system. And please save this manual for future reference. It includes your warranty and important service information

Once again, thank you for purchasing this Emerson Heritage Series Complete Audio System.

The serial number of your system is located on a label on the back panel. Please take a moment now to locate the serial number and write the number in the space provided below. You may be asked to provide this number when calling for product service.

**Model Number:** NR52

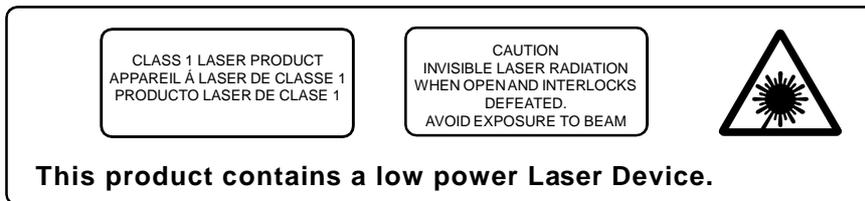
**Serial Number:** \_\_\_\_\_



## 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



### 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

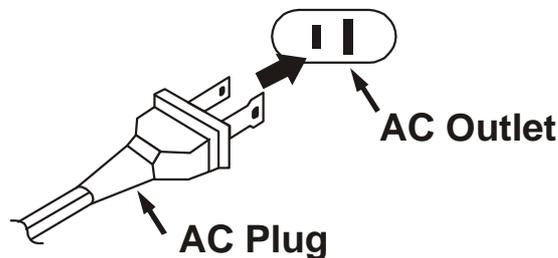
- Carefully remove the unit from the display carton and remove all packing material from the unit.
- Unwind the AC power cord and extend it to its full length.
- Unwind the FM Antenna wire and extend it to its full length.
- Place the unit on a stable, level surface, convenient to an AC outlet, out of direct sunlight, and away from sources of excess heat, dust, moisture, humidity, or strong magnetic fields.
- Connect the plug to your AC outlet.

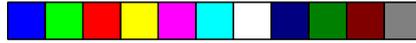
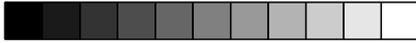
### POWER SOURCE

This system is designed to operate on normal 120V 60 Hz AC house current only. Attempting to operate this system from any other power source may cause damage to the system, and such damage is not covered by your warranty.

#### **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.



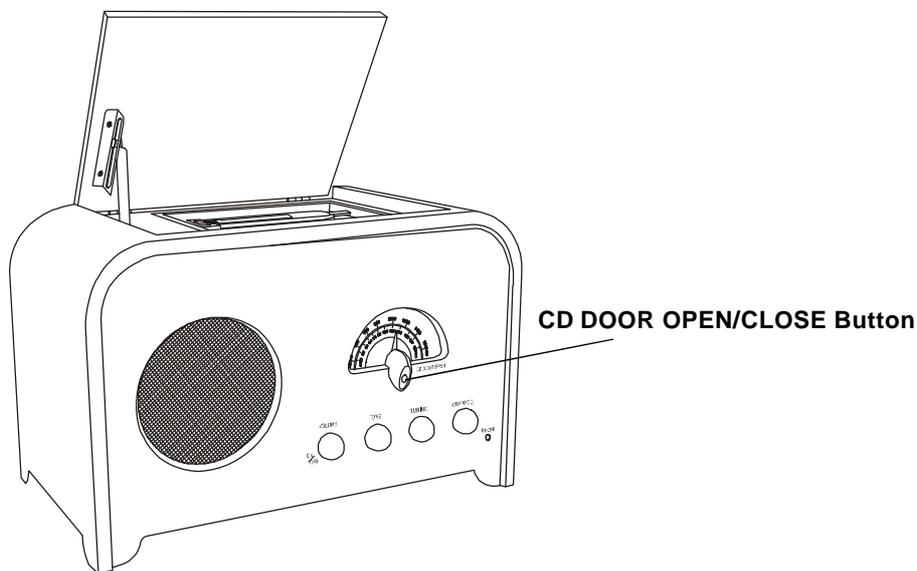


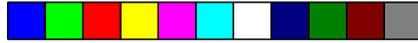
## PROTECT YOUR FURNITURE

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.

## IMPORTANT: Raising And Lowering The CD Door

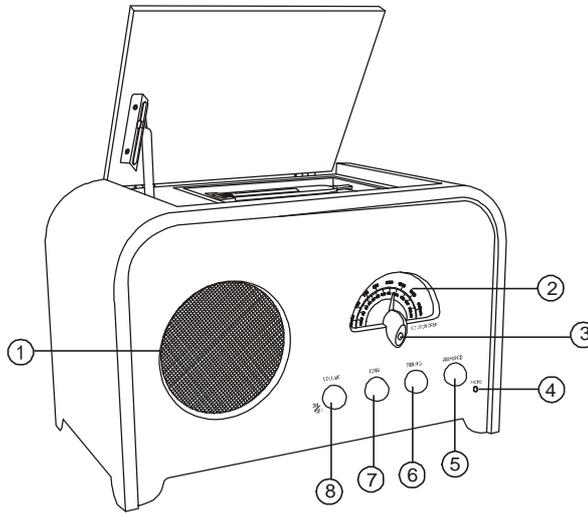
This system includes a motorized CD door. Always press the CD Door **OPEN/CLOSE** button on the front panel to raise or lower the CD door. To avoid damaging the cabinet, the door or the door opening mechanism never attempt to open or close the CD door by hand.



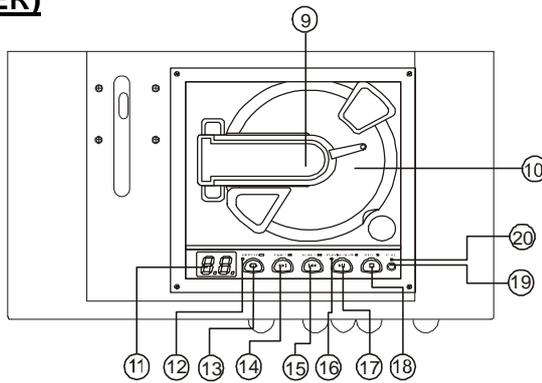


# LOCATION OF CONTROLS AND INDICATORS

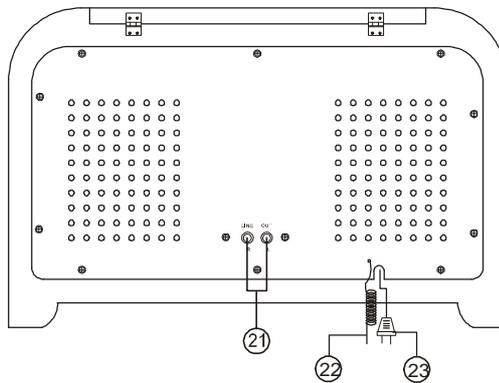
## FRONT PANEL



## TOP VIEW (CD PLAYER)



## BACK PANEL





## FRONT PANEL

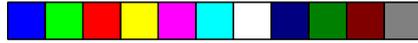
- 1.) Speaker.
- 2.) Tuning Dial.
- 3.) **CD DOOR OPEN/CLOSE** Button.
- 4.) **PHONE** (Headphone) Jack.
- 5.) Function Selector (**AM/FM/CD**).
- 6.) **TUNING** Control.
- 7.) **TONE** Control.
- 8.) **ON/OFF-VOLUME** Control.

## CD PLAYER

- 9.) CD Clamper Arm.
- 10.) CD Spindle.
- 11.) CD Track Number Display.
- 12.) Repeat Indicator.
- 13.) **REPEAT** Button.
- 14.) **F. SKIP ►►** Button.
- 15.) **B. SKIP ◄◄** Button.
- 16.) Play Indicator.
- 17.) **PLAY/PAUSE ►||** Button.
- 18.) **STOP ■** Button.
- 19.) **PRG.** (Program) Button.
- 20.) Program Indicator.

## BACK PANEL

- 21.) **LINE OUT** Jacks.
- 22.) FM Lead Wire Antenna.
- 23.) AC Power Cord.



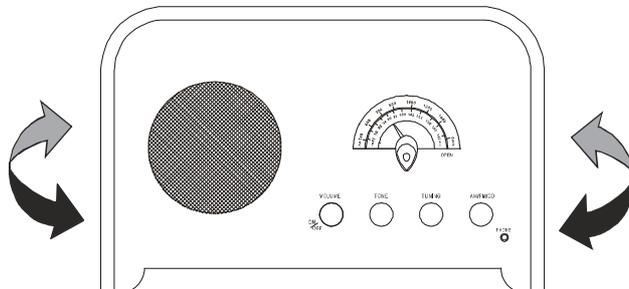
## OPERATING INSTRUCTIONS

### LISTENING TO THE RADIO

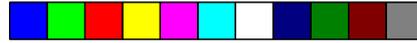
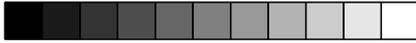
- 1.) To turn the system 'on', rotate the **ON/OFF-VOLUME** control clockwise until a 'click' is heard, and set the Volume to a low level. The Tuning Dial light comes 'on'.
- 2.) Set the Function selector (**AM/FM/CD**) to the desired band.
- 3.) Rotate the **TUNING** control to tune to the desired radio station.
- 4.) Adjust the **ON/OFF-VOLUME** and **TONE** control to the desired level.
- 5.) When you are finished listening turn the **ON/OFF-VOLUME** control counter clockwise until a 'click' is heard.

### Antenna Information

The AM antenna is inside the cabinet. If AM reception is unsatisfactory try repositioning the cabinet slightly until the internal antenna is picking up the strongest signal.



The FM wire antenna is located on the back cabinet. If necessary adjust the position and direction of this antenna until you find the position that provides the best reception.



## PLAYING COMPACT DISCS

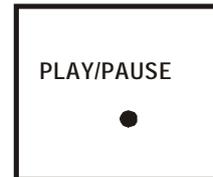
- 1.) Turn the **ON/OFF-VOLUME** control clockwise until a 'click' is heard, and set the volume to a low level.
- 2.) Set the Function selector (**AM/FM/CD**) to the **CD** position. The CD track number display comes 'on'.
- 3.) Press the **CD DOOR OPEN/CLOSE** button to open the CD door. Lift the CD clamper arm, remove the transit card which was used to secure the laser during shipment and dispose of this card

- 4.) Place your disc on the CD spindle with the printed label side facing up and lower the CD clamper arm. The disc will spin for a few seconds while the player reads the disc, then the disc stops and the display shows the total number of tracks on the disc.



- 5.) Press the CD **PLAY/PAUSE** ►|| button to begin playback on track number one. The Play indicator comes "on"

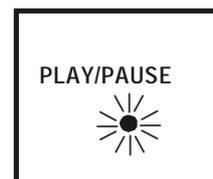
**Note:** You may leave the CD door open during playback if you wish, but we recommend closing the door again for better sound and also to prevent excess dust from accumulating on the CD spindle.



- 6.) Adjust the **ON/OFF-VOLUME** and **TONE** controls to the desired level.
- 7.) Playback will continue until the end of the disc. When the disc ends the display again shows the total number of tracks on the disc. You may also stop playback at any time by pressing the CD **STOP** ■ button.

### Pause Control

To pause momentarily during playback press the CD **PLAY/PAUSE** ►|| button again. Playback stops but the disc continues to spin and the Play indicator flashes. Press the CD **PLAY/PAUSE** ►|| button once more to cancel Pause and resume playback. The Track Number display stops flashing.





## Skipping Tracks and High Speed Music Search

During CD Playback, repeatedly press the **F. SKIP ►►** (Forward Skip) or **B. SKIP ◄◄** (Back Skip) buttons to skip to higher or lower number tracks. When the desired track number appears on the display release the buttons and playback will begin on the desired track.

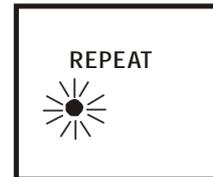
To rapidly search forward or back within a track to locate a specific musical passage, depress and hold either the **F. SKIP ►►** (Forward Skip) or **B. SKIP ◄◄** (Back Skip) buttons. The player will move forward or backward at high speed as long as the buttons are depressed. When you hear the desired passage release the buttons. Normal playback will resume at that point.

## Repeat Playback

This feature allows you to continuously repeat a single track or the entire disc.

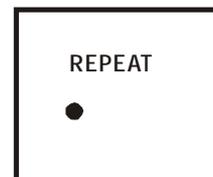
### To Repeat A Single Track

Press the **REPEAT** button once. The Repeat indicator flashes. Press the **►►** or **◄◄** buttons to select the desired track, then press the CD **PLAY/PAUSE ►||** button to begin Repeat Playback of the selected track.

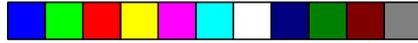
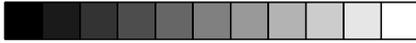


### To Repeat The Entire Disc

Press the **REPEAT** button twice. The Repeat indicator remains 'on'. Press the CD **PLAY/PAUSE ►||** button to begin Repeat Playback of the entire disc.



To cancel Repeat Playback press the **REPEAT** button until the Repeat Indicator goes 'off'. Repeat Playback is also canceled by pressing the **STOP ■** button, or setting the Function selector to the **AM** or **FM** position.

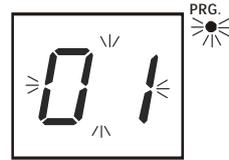


## PROGRAMMED PLAYBACK

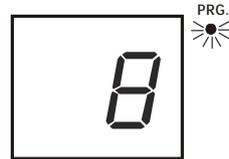
This feature allows you to program up to 20 tracks on a disc for playback in any desired order.

**Note:** You cannot program tracks while a disc is playing. If the disc is playing press the **STOP** ■ button first before beginning the programming steps below:

- 1.) Press the **PRG.** button to enter the Program Mode. The Program indicator and Program number '01' flash.



- 2.) Press the **F. SKIP** ►► or **B. SKIP** ◀◀ buttons to select the first track number you wish to enter in the program memory. Example: Track Number 8.



- 3.) When the desired track number appears on the display, press the **PRG.** button again to enter that track in memory. The program number display advances to "02".



- 4.) Repeat Steps 2-3, selecting a different track number each time until you have entered up to 20 tracks in the program memory.

**Note:** You may program the same track number to play multiple times in the program sequence if desired.

- 5.) Press the **PLAY/PAUSE** ►|| button to begin Programmed Playback. The Program indicator stops flashing and remains 'on'. Playback will begin with the first track you programmed and will continue until the last programmed track has played.





6.) After the last track has played the player stops and the display shows the total number of tracks on the disc. However the program sequence remains in the memory and the Program indicator remains 'on. Press the **PLAY/PAUSE ►II** button to play the programmed sequence again.



7.) To cancel the programmed sequence from the memory press the **STOP ■** button while the player is stopped. The programmed sequence may also be canceled by removing the disc, switching to the radio, or shutting the system 'off'.

### Program Repeat Playback

You can use the Program and Repeat features together to continuously repeat a programmed sequence of tracks.

First, program the desired tracks according to Steps 1 through 5 on page 11.

When Programmed Playback begins press the **REPEAT** button twice to activate the All Tracks Repeat feature.

The **REPEAT** Indicator lights and all the tracks in your programmed sequence will be repeated continuously.

To cancel Programmed Repeat Playback press the **STOP ■** button until both the **PRG.** and **REPEAT** Indicators go 'Off'.



## USING STEREO HEADPHONES (NOT INCLUDED)

Connect a set of stereo headphones with a 3.5mm mini-plug to the **PHONE** jack on the front panel. Before putting on the headphones always set the **ON/OFF-VOLUME** control to a low level. Then put the headphones on and gradually increase the Volume to a comfortable listening level. The built-in speaker automatically shuts off when headphones are connected to the **PHONE** jack.

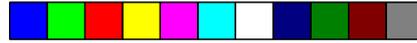
**Note:** Sound from **PHONE** output jack is mono.

## LINE OUT Jacks

This system includes a set of **LINE OUT** jacks which allow you to record from the radio or CD player of this system to an external recording device such as a cassette recorder, Mini-Disc, etc.

Connect the Line **LINE OUT** jacks of this system to the Record Input jacks of your external recording device. Connection cables are not included. Refer to the instructions supplied with your external recording device for proper connection and operation. Operate the CD player or radio of this system as described in the instructions above. The CD or radio programming of this system will be recorded directly onto your external recording device.

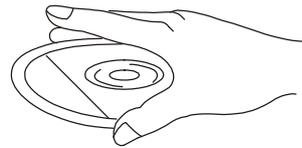
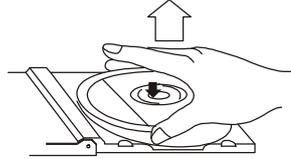
**Note:** Line Out from CD will be Stereo, while Radio is Mono.



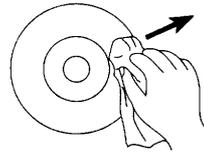
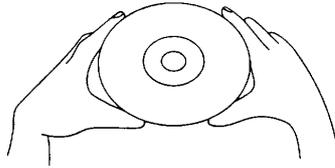
## CARE AND MAINTENANCE

### 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.



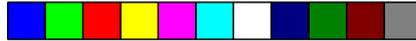
- Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside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

You should care for the cabinet as you would care for any piece of fine furniture. When the cabinet becomes dusty wipe it with a soft, non-abrasive dust cloth. If the cabinet becomes smudged with fingerprints you may use any good quality commercial dusting and polishing spray cleaner, however avoid spraying the plastic or metal parts of this system. We recommend that you spray the cleaner on your dust cloth, not directly on the cabinet, to avoid getting any of the spray on the plastic or metal parts.



## **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. If your system fails to operate properly during the warranty period due to a manufacturing defect, **do not return the system to the retail store.** Please call the Emerson Customer Service Hotline toll free at 1-800-898-9020. We will diagnose the problem and instruct you how to have your system repaired or replaced, at our discretion.

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.

**AU898R**



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.



**EMERSON**  
**Part No.: 16-2924**  
**401-01**

**Printed in China**