

MICRO AUDIO SYSTEM with CD PLAYER and DIGITAL TUNER

OWNER'S MANUAL ES8

Visit our web site at www.emersonradio.com

•



BEFORE WE BEGIN

Thank you.....

for purchasing this Emerson audio product. The Emerson brand is your assurance of quality, performance and value, and has been since 1912.

Our engineers have included many useful and convenient features in this product. Please be sure to read this Owner's Manual completely to make sure you are getting the maximum benefit from each feature.

This product was manufactured using the highest quality components and standards of workmanship. It was tested by Emerson inspectors and found to be in perfect working order before it left our factory. However, there is always the chance that some problem may occur because of rough handling during shipment to the retail store or to the final consumer.

If, after reading this Manual, you experience any problems with the operation of this product, please refer to the instructions for obtaining service at the end of this Manual. Emerson and Emerson retailers are committed to your satisfaction.

Once again, thanks for purchasing this Emerson audio product.

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

Model No: ES8 Serial Number :

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT APPAREIL Á 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.



CAUTION RISK OF ELECTRIC SHOCK



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



DANGEROUS VOLTAGE

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



ATTENTION

The Owner's Manual contains important operating and maintenance instructions.

For your safety, it is necessary to refer to the manual.

1

(



- 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 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 the connecting cords and power cord are 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 and remove cords connected to other equipment.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

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

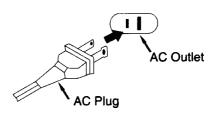
UNPACKING AND SET-UP

- 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.
- 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.

POWER SOURCE

This system is designed to operate on 120V 60Hz AC house current . Connecting this system to any other power supply could result in damage to the unit which is

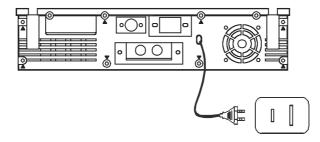
not covered by your warranty. You will note that this system is equipped with a polarized AC power plug having one blade wider than the other. This is a safety feature. If this plug does not fit into your existing AC outlet, do not try to defeat this safety feature by filing the wide blade to make it fit into your outlet. If this plug will not fit into your outlet, you probably have an out-dated non-polarized AC outlet.





AC OPERATION

- 1. Unwind the AC Power Cord completely.
- 2. Insert the plug into any convenient 120V 60Hz AC outlet.

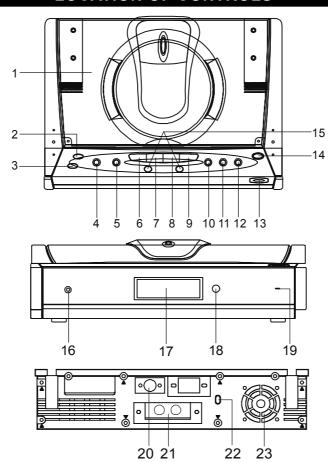


_





LOCATION OF CONTROLS



- 1. CD Compartment.
- 2. MUTE Button.
- 3. Preset EQ Button.
- 4. MEMORY/PROGRAM Button.
- 5. MEM. UP / REPEAT Button.
- Reverse Skip / Search / TUNE DOWN ₩ Button.
- 7. Stop Button.
- 8. Play/Pause ► Button.
- Forward Skip/Search/
 TUNE UP ► Button.
- 10. CD Button.

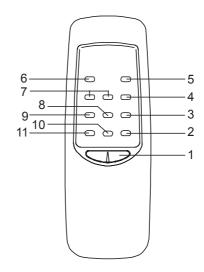
- 11. TUNER Button.
- 12. BAND Button.
- 13. POWER On/Off Button.
- 14. CD OPEN / CLOSE Button.
- 15. VOLUME ▲Up / ▼ Down Buttons.
- 16. PHONES Jack.
- 17. Multi Function Display.
- 18. Remote Control SENSOR.
- 19. STANDBY / MUTE Indicator.
- 20. FM Wire Antenna.
- 21. Speaker Jacks.
- 22. AC Cord outlet.
- 23. Cooling Fan.

1



REMOTE CONTROL

- 1. VOLUME ▲Up / ▼ Down Buttons.
- 2. POWER On/Off Button.
- 3. CD STOP Button.
- 4. CD Play/Pause ► Button.
- 5. CD Button.
- 6. TUNER Button.
- Tuning UP/DOWN/
 CD Skip I◄ ►► Buttons.
- 8. MEMORY/PROG.(PROGRAM) Button.
- 9. MEM. UP/REPEAT Button.
- 10. BAND Button.
- 11. MUTE Button.



BATTERY INSTALLATION

Insert 2 pcs 'AAA' (Alkaline) size batteries (not included) into the battery compartment of the remote controller and close the cover.



BATTERY REPLACEMENT



When the batteries become too weak, the operating distance of the remote controller is greatly reduced and you will need to replace the batteries.

NOTES:

- To maintain the accuracy and long life of the transmitter, do not press two or more buttons simultaneously.
- If the remote control is not to be used for a long time, remove the batteries to prevent possible damage through leaking batteries.
- Do not mix different types of batteries, or old batteries with new ones.

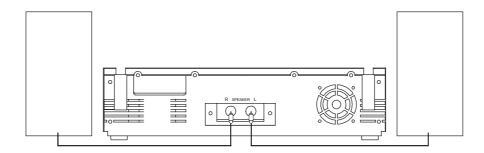
USING THE REMOTE CONTROLLER CORRECTLY

- · Point the remote controller at the Remote Sensor.
- The functions of the buttons on the remote control are the same as the corresponding controls on the main unit.
- When there is a strong ambient light source, the performance of the infrared Remote Sensor may be degraded, causing unreliable operation.
- The maximum effective distance for remote control operation is about 15 feet.



SPEAKER CONNECTION

Connect each speaker to the corresponding speaker terminals on the back panel of the main unit. Make sure that the left speaker plug is connected to the left (L) speaker jack and the right speaker plug is connected to the right (R) speaker jack.



-

COOLING FAN

A cooling fan is employed on the back panel of this player and will operate when the unit is powered up. Do not obstruct the ventilation of this fan and ensure a clear space of approximately 2 inches exists between the back panel and any enclosure.





LISTENING TO RADIO

PRESET EQUALIZER

- This unit is equipped with a preset equalizer which has been added to enhance your listening pleasure by altering the frequency response of the music.
- Press the Preset EQ button on main unit repeatedly to cycle through the following equalization modes.

OPERATION

- 1. Press the POWER button to turn the unit 'On'.
- 2. Select the Tuner function by pressing the TUNER button.
- 3. Select the desired band (AM or FM) with the BAND button.
- 4. Tune to the desired radio station by pressing the TUNE UP or TUNE DOWN buttons on the unit or on the remote control.
- 5. If you hold the TUNE UP or TUNE DOWN button for more than half a second the Tuner will begin to automatically scan until a strong signal is found.
- 6. To turn off the radio, press the POWER button to switch the unit into standby mode. The STANDBY/MUTE indicator lights 'RED'



STORING PRESET STATIONS

- 1. Tune either automatically or manually (as described in steps 4 or 5 above) to the station to be stored.
- Press the MEMORY/PROGRAM button once. "MEMORY" will flash in the display for 5 seconds. During this time you must select the desired memory location by pressing the MEM. UP/REPEAT button.



3. Press the MEMORY/PROGRAM Button again to store the station at that location.



4. The unit can store up to 20 FM stations, 20 AM stations.



Select the desired station preset number by pressing the MEM. UP/REPEAT button.

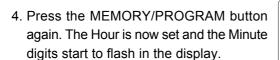
ANTENNA

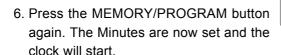
For FM reception there is a built-in 3 ft FM antenna wire at the rear of the unit. Unravel the wire and move it around to obtain the best reception. For AM reception the signals are picked up through the built-in ferrite antenna. You may have to move the unit slightly to obtain the best reception.

CLOCK SETTING

- 1. Switch the unit to Standby mode by pressing the POWER button.
- 2. Press the MEMORY/PROGRAM button. The hour digits will flash in the display.
- Use the ◄◄ / ►► buttons to set the required hour. Be sure to set correctly for AM or PM.









10:30

NOTE:

- Clock time is only retained while the unit is plugged into the AC outlet. In the event of a power failure the clock will need to be reset when the power supply resumes.
- · Clock time is only shown when unit is in Standby mode.







PLAYING COMPACT DISCS

LOADING AND UNLOADING COMPACT DISCS

- 1. Press the POWER button to turn the unit on.
- 2. Select the CD function by pressing the CD button.
- 3. Press the the CD OPEN/CLOSE button to open the CD compartment.
- 4. When the disc compartment has opened, insert the disc with the label side facing up. Push down in the center until disc is locked in place.
- 5. Close the disc compartment by pressing the CD OPEN/CLOSE button. When the compartment is fully closed, the disc will start turning automatically. The total number of tracks and playing time will appear in the display.
- 6. The disc compartment may be opened at any time by first pressing the stop button and then pressing the CD OPEN/CLOSE button. Remove the CD only after the compartment has fully opened and the disc has stopped spinning.



CAUTION

- Do not put anything except a compact disc into the compartment.
- Foreign objects can damage the mechanism.
- Keep the disc compartment closed when not in use to prevent dirt and dust from entering the mechanism.
- Never place more than one disc into the disc compartment at any time.
- If the disc is correctly loaded, the total number of tracks on the disc will be displayed.

NOTES:

After the disc compartment is fully closed, the disc information may not appear on the display. This means that the disc is improperly loaded (most likely it is upside down). To check, open the disc compartment again and reload the disc.







DISC PLAY

- 1. Insert a CD as described in the previous section and close the disc compartment.
- 2. The display will then show the total number of tracks and total play time.
- 3. Press the Play/Pause ► button. Disc play will begin from the start of the first track of the disc.
- 4. As each track on the CD disc is played, the corresponding track number will flash in the Calendar display. The "OVER" indicator will appear if the disc in the player contains more than 10 tracks.





5. A particular track can be selected using either of the CD Skip ◄ / ► buttons. If this is done before pressing the Play/Pause ► button, disc play will start with the selected track when the Play/Pause ► button is pressed.



6. At the end of the disc, the unit will switch to stop mode.

NOTES:

- If the disc is deeply scratched, or too dirty, disc play may not start.
- If the disc is inserted incorrectly, or the disc is damaged the "no disc" indicator will flash on display.





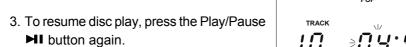
DISC ERRORS

- This compact disc player has built-in error compensation circuits to correct for minor defects in a disc. There are limits, however, to the amount of correction available.
- In some cases, the CD player may skip some tracks, or parts of tracks, on a disc during disc play. This problem may be caused by defects (such as scratches) in the disc being played, which are too large for the error compensation circuits to handle. If you encounter this problem, check the CD player's operation as follows, before having the unit serviced:

Play a new disc. If the CD player operates normally, the skipping problem is probably due to a defective disc.

TO STOP A CD BEFORE THE DISC ENDS

- 1. Press the Stop button. Disc play will stop, and the display will show the total number of tracks.
- 2. To temporarily stop disc play (Pause mode), press the Play/Pause ►■ button. Disc play will stop at the current play position. The display and the track playing time will flash.





1 2 3 4 5 8 7 8 9 10 OVER

TRACK SKIP

Starting disc play from the beginning of a particular track.

Press the Forward ► or Reverse ► Skip Track buttons to select the desired track. The number of the selected track will be shown on the CD display. Press the Play/Pause ► button to start play.

To skip to the next track.

For example, to skip ahead to the beginning of track 5 while track 4 is playing.

 Press the Forward ► Skip track button once. Disc play will resume at the beginning of track 5.





2. The CD player will skip ahead to the next track each time the Forward ►► Skip track button is pressed. Repeatedly pressing the Forward ►► Skip track button makes the CD player skip ahead through the disc track by track. Once the beginning of the last track is reached the CD player advance to the first track.

To skip to the previous track on a disc.

For example to skip back to the beginning of track 3 while track 4 is playing.

- 1. Press the Reverse ► Skip track button twice. Disc play will resume at the beginning of track 3.
- 2. The CD player will skip back one track each time the Reverse ◄ Skip track button is pressed. If this button is pressed in the middle of a track, the CD player will skip back to the beginning of that track. To make it skip back to the previous track press the Reverse ◄ Skip track button twice.
- 3. Repeatedly pressing the Reverse ◄ Skip track button makes the CD player skip back through the disc track by track. Once the beginning of the first track is reached, the CD player will go to the last track.



NOTES:

The Forward ▶ and Reverse ◄ Skip track buttons can be used to select a desired track to play before disc play starts. In this case the number of the selected track will be displayed until the Play/Pause ▶ button is pressed.



TRACK SEARCH

You can search through the track by holding the Forward ► or Reverse < track skip button down. Normal play will resume when the button is released.

REPEAT DISC PLAY

Use the REPEAT button to play an entire disc or one track continuously.

Repeat play of all tracks

- 1. Press the MEM. UP/REPEAT button once. The "REPEAT" indicator appears in the display.
- 2. Press the Play/Pause ► button.





- 3. The disc will then begin playing through to the end of the last track. At which point it will automatically return to the beginning of the first track. This will continue until the Stop button is pressed.
- 4. If the MEM. UP/REPEAT button is pressed twice more, the "REPEAT" indicator will disappears and repeat play will end. Normal disc play will resume from that point.
- 5. When the last track has finished playing, the CD play will Stop.

Repeat disc play of one of the tracks

- 1. Select the desired track by pressing the Forward ► or Reverse ► Skip track buttons. The track will be shown in the display.
- Press the MEM. UP/REPEAT button twice. The "REPEAT" indicator flashes in the display.



3. Press the Play/Pause ▶■ button.



- 4. The selected track will then begin playing through to its end. At which point it will automatically return to the beginning of that track. This will continue until the Stop button is pressed.
- 5. If the MEM. UP/REPEAT button is pressed once more, the "REPEAT" indicator will disappear and, repeat play will end. Normal disc play will resume from that point.
- 6. When the last track has finished playing, the CD player will then Stop.

PROGRAMMED DISC PLAY

- It is possible to program the tracks you wish to play in a sequence of your choice.
 It is not possible to enter program a disc during playback. Press the Stop ■
 button first, then follow the instructions below.
- It is easier to use the remote control for the following settings, however you may also use the controls on the main unit if desired.

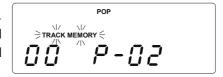




1. Press the MEMORY/PROGRAM button. "TRACK MEMORY" flashes and the following information will be displayed on the display:



- 2. Select the first desired track using the Forward ► and Reverse ► Skip Buttons.
- 3. Press the MEMORY/PROGRAM button. The first program selection is now stored in the program memory. The display will now show:



- 4. Select the next desired track using the Forward ▶ and Reverse Skip Buttons.
- 5. Press the MEMORY/PROGRAM button. Continue entering tracks in this way until all the desired tracks are stored (up to 20 tracks).



NOTES:

- -
- If the Play/Pause ▶II button is pressed before the MEMORY/PROGRAM button is pressed to store a track, the track will not be programmed, and the disc will start playing from the first selected track.
- Any track can be programmed to play more than once.
- Repeatedly pressing the MEMORY/PROGRAM button will enable you to check the program if required.

LISTENING TO PROGRAMMED TRACKS

- 1. Enter all tracks you want to program into memory following the procedures above.
- 2. Press the Play/Pause ►II button. Disc play will start at the beginning of the first programmed track. "TRACK MEMORY" indicator appears on the display.





TO CLEAR THE PROGRAM MEMORY

- Press MEMORY/PROGRAM button to enter programming mode, then press the Stop button.
- The program memory will also be cleared if the disc compartment is opened, if the function is changed, or if the power is turned 'Off'.

MUTE

- Press the MUTE button on the unit or remote control to switch off the sound, the STANDBY/MUTE indicator will illuminate (in Green color).
- Press MUTE again to restore the sound to the previous level. STANDBY/MUTE indicator will extinguish.

STEREO HEADPHONE JACK



For private listening without disturbing others connect a set of stereo headphones (not included) to the PHONES Jack on the front panel. The built-in speakers automatically shut off when stereo headphones are connected to the headphone jack. When using stereo headphones always start with the volume control set to a low level and gradually increase until you find the desired level.

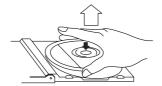




CARE AND MAINTENANCE

COMPACT DISC CARE

• To remove a disc from its storage case, press down on the centre of the case and lift the disc outs, holding it carefully by the edges.

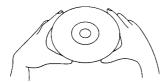


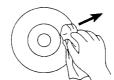


- Fingerprints and dust should be carefully wiped off the disc's recorded surface
 with a soft cloth. Unlike conventional records, compact discs have no grooves to
 collect dust and microscopic debris, so gently wiping with a soft cloth should
 remove most particles. Wipe in a straight line from the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

- If the cabinets become dusty wipe them with a soft dry dust cloth. Do not use any wax or polish sprays on the cabinets.
- If the front panel 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
Radio		
Noise or sound	Station not tuned properly for	Retune the AM or FM
distorted on AM or	AM or FM.	broadcast station.
FM broadcasts.	FM: Wire antenna is not	Extend FM Wire antenna.
	extended.	
	AM: The bar antenna is not	Reposition the unit until
	positioned correctly.	best reception is obtained.
FM STEREO indicator	FM station is mono or station	Extend FM Wire antenna.
does not light.	signal is weak.	Try other strong stations.
AM or FM, no sound.	Function is not set to Tuner.	Press TUNER button to
		select Tuner function.
	Volume at minimum.	Increase Volume.
Compact Disc Player		
CD Player will not	Function is not set to CD.	Press CD button to select
play.		CD function.
	CD is not installed or	Insert CD with label side
	installed incorrectly.	up.
CD skips while playing.	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





ES8_ib.p65



EMERSON RADIO CORP. LIMITED WARRANTY

What does this warranty cover? Any manufacturing defects in original material, including original parts and workmanship, under normal use and conditions.

For how long? For a period of ninety (90) days from the date of original purchase in the U.S.

What will we do? If you need service under this Warranty, and you provide us with the 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.

How do you make your warranty claim? If it becomes necessary to repair your unit, you can obtain the name and mailing location of a Depot Repair Facility by dialing 1-800-695-0098. You should pack your unit in a well-padded heavy corrugated box, enclose your check or money order payable to the Depot Repair Facility in the amount of \$9.00 to cover the return shipping and handling costs, and enclose a copy of your proof of purchase (warranty service will not be provided without a dated proof of purchase). Finally, you should ship the unit prepaid via UPS or parcel post (insured).

What does your warranty not cover? Your warranty does not cover the following:

- · Damage from negligence, misuse, abuse, accident, or failure to follow operating instructions.
- · Use of product in a commercial application or rentals.
- · Changes or repairs by anyone other than an authorized Depot Repair Facility.
- · Damage because your unit is improperly connected to the equipment of other manufacturers.
- · Unit on which the serial number has been defaced, modified or removed.
- Damage to equipment not properly connected to the product.
- · Cost incurred in shipping your unit to and from an authorized Depot Repair Facility.
- · Ordinary adjustments which you can perform as outlined in the owner's manual.
- · Signal reception problems caused by external antenna or cable systems
- Products purchased, used, serviced, or damaged outside of the United States.
- Damage to compact discs or cassettes.

What other limitations apply to your warranty?

THIS WARRANTY IS NON-TRANSFERABLE AND APPLIES ONLY TO THE ORIGINAL PURCHASER AND DOES NOT EXTEND TO SUBSEQUENT OWNERS OF THE PRODUCT. THIS WARRANTY IS VALID ONLY IN THE UNITED STATES OF AMERICA. ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED IN DURATION TO A PERIOD OF THE EXPRESSED WARRANTY AS PROVIDED ABOVE BEGINNING WITH THE DATE OF ORIGINAL PURCHASE AT RETAIL AND NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED, SHALL APPLY TO THE PRODUCT THEREAFTER. WE MAKE NO WARRANTY AS TO THE FITNESS OF THE PRODUCT FOR ANY PARTICULAR PURPOSE OR USE.

THE EXTENT OF OUR LIABILITY UNDER THIS LIMITED WARRANTY IS THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND IN NO EVENT WILL OUR LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER OF THE PRODUCT. UNDER NO CIRCUMSTANCES WILL WE BE LIABLE FOR ANY LOSS, DIRECT, INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS PRODUCT.

How does state law apply to your warranty?

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, BUT YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES OR EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGE, SO THESE RESTRICTIONS MAY NOT APPLY TO YOU.

AU898F









EMERSON Part No. : 16-2831 108-01

800.898.9020 Printed in China

-