



AM/FM CLOCK RADIO  
WITH CASSETTE  
PLAYER

EMERSON RADIO CORP.

OWNER'S MANUAL

CK5446

EMERSON  
PART NO 16-2611  
807-02

PRINTED IN HONG KONG.

FCC ID: KHKCK5446N

Welcome to the world of EMERSON. The product you have purchased has been carefully engineered and manufactured to give you dependable operation. Read this manual before operating the unit to become more familiar with it and obtain the performance that will bring you continued enjoyment for many years.

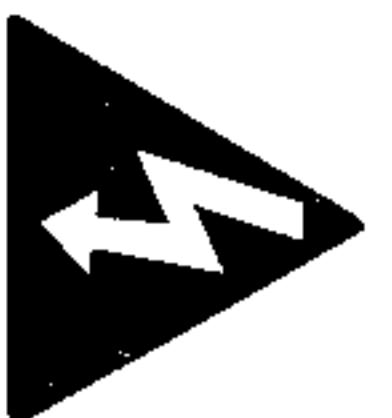
**WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.**

For future reference, record the serial number of the unit printed on the bottom of the cabinet.

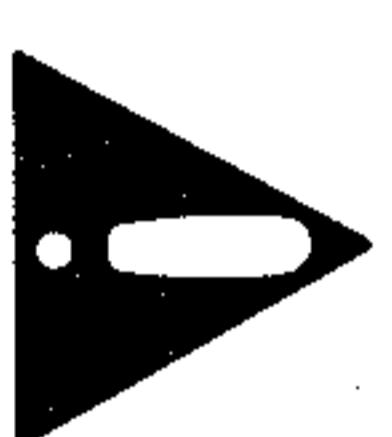
Serial Number \_\_\_\_\_

Avoid installing the unit in locations described below:

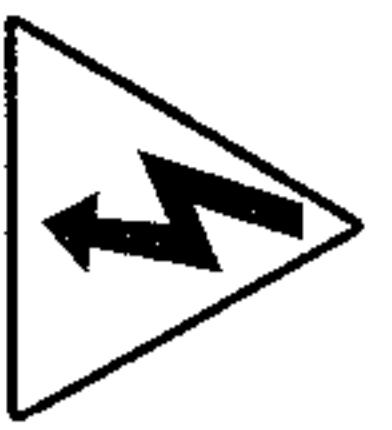
- Areas exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
- Dusty places.
- Areas subject to constant vibration.
- Humid or moist locations



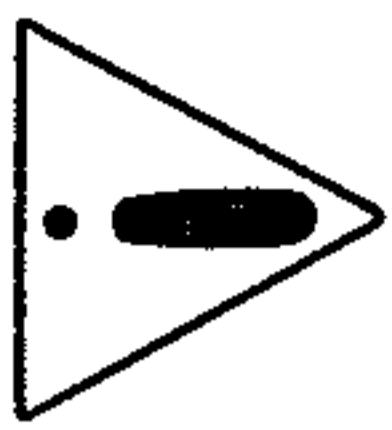
**CAUTION**  
**RISK OF ELECTRIC SHOCK**  
**DO NOT OPEN**



**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.**



**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.

#### Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion—and, most

importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

#### To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.
- Once you have established a comfortable sound level:
  - Set the dial and leave it there.
- Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

#### We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel Level	Example
30	Quiet Library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum-cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet

#### THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE:

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet engine
180	Rocket launching pad

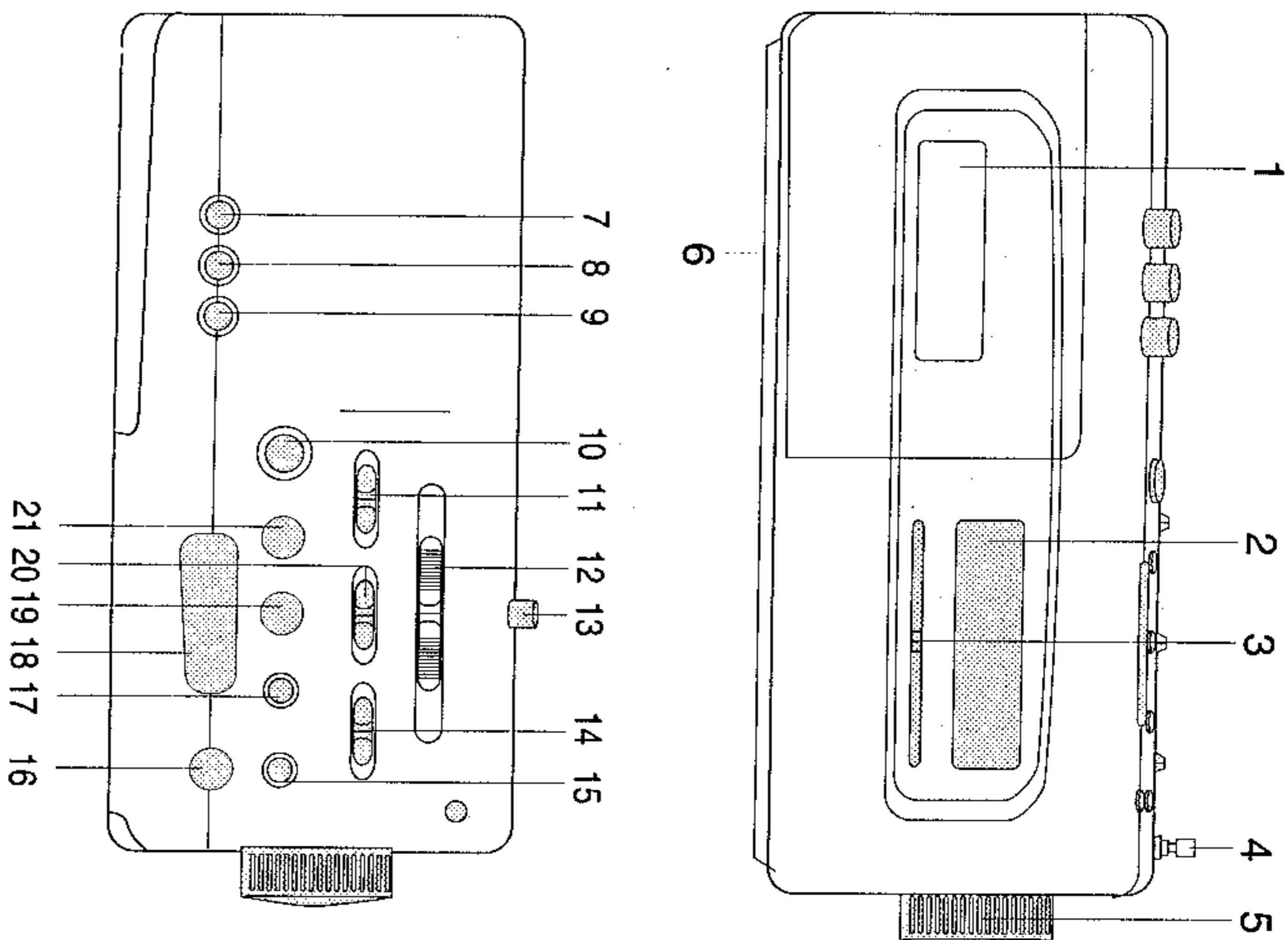
Information courtesy of the Deafness Research Foundation.



**Warning : Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

FCC ID: KHKCK5446N

## LOCATION OF CONTROLS



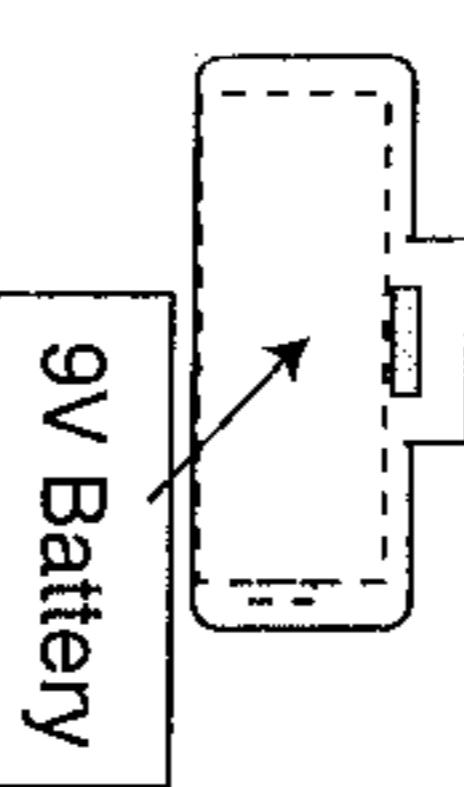
### INSTALLATION

Unravel the AC cord and connect it to a conveniently located AC outlet having 120V and 60Hz only. The Clock Display will illuminate and a flashing time will appear in the window. The Clock Display will continue to flash until the time has been set.

NOTE: If the AC plug does not fit into a nonpolarized outlet, do not file or cut the wide blade.

If the AC cord is disconnected or if there is a power failure, this electronic clock is designed to continue operating internally (without showing the time on the Clock Display) with a 9 volt battery (not included).

To connect the battery, locate the Battery Compartment on the bottom of the unit. Connect the battery to the terminals of the battery snap inside the compartment (use of an alkaline battery is recommended). Clip the battery back into the holder in the compartment.



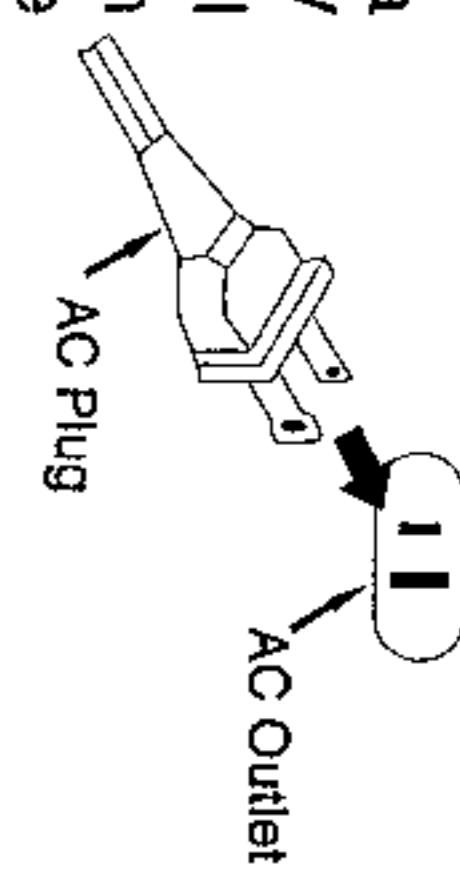
#### BATTERY PRECAUTIONS

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.)

Be sure to check the condition of the battery periodically by disconnecting the AC cord and connecting it again 2 or 3 minutes later. The preset times should continue operating. If a flashing time appears on the Clock Display, it indicates the battery is dead or not connected properly. The 9 volt battery will keep the internal times accurately for approximately 30 minutes. If the power is restored after 30 minutes, the times may need to be reset.

1. Cassette Compartment
2. Clock Display
3. Dial Scale and Pointer
4. FM/Weather Band Antenna
5. TUNING Control
6. Battery Compartment (Bottom of Unit)
7. STOP Button
8. F.FWD (Fast Forward) Button
9. PLAY Button
10. INSTANT WEATHER Button
11. POWER Switch
12. VOLUME Control
13. Weather Band Fine Tuning Control
14. ALARM Switch
15. MINUTE Button
16. SLEEP Button
17. HOUR Button
18. SNOOZE/SLEEP OFF Button
19. CLOCK Button
20. FUNCTION Switch
21. ALARM Button



## RADIO OPERATION

Slide the POWER switch to the ON position.

Slide the FUNCTION switch to the AM or FM position.

Tune a desired AM or FM station by turning the TUNING control.

Adjust the VOLUME control to suit.

To turn the radio off, slide the POWER switch to the OFF or AUTO position.

### Weather Band

To tune the Weather band, press the INSTANT WEATHER button. Use the Weather band Fine Tuning control on the rear of the unit to precisely tune the Weather band for best reception. Press this button again to return to radio listening.

### Antennas

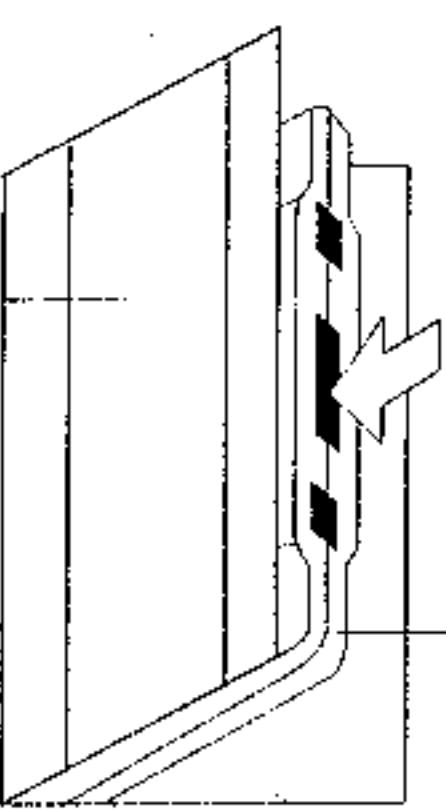
FM/Weather band: Extend the FM/Weather band antenna for better FM and Weather band reception.

AM: Turn the unit for better AM reception.

## CASSETTE OPERATION

### To Load a Cassette Tape

Open the cassette door and insert the cassette into the cassette compartment with the open surface facing upward and the emptiest reel toward the left of the unit.



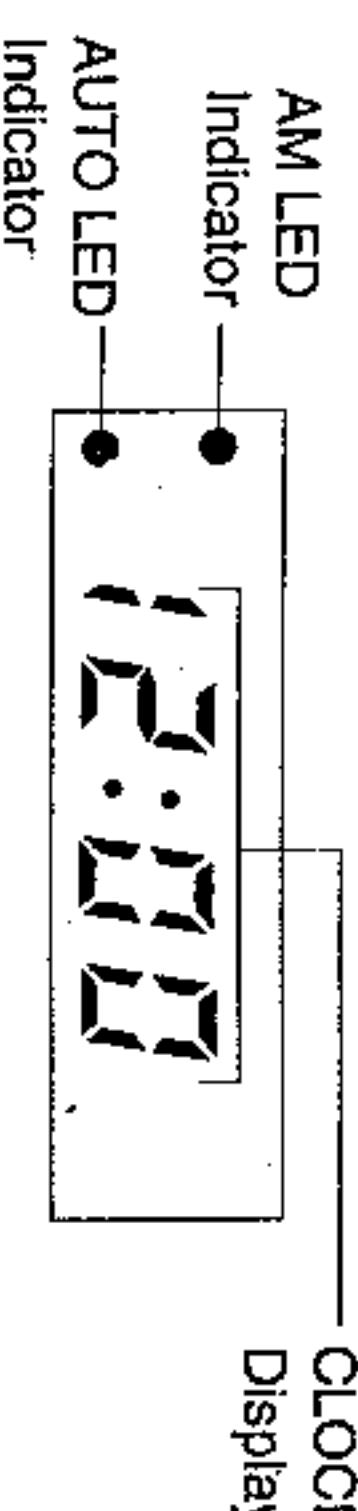
**NOTE:** Cassette tapes permit playing on both sides of the cassette, be sure the side selected is facing you.

### To Play a Prerecorded Cassette Tape

Slide the POWER switch to the ON position. Slide the FUNCTION switch to the TAPE position and insert a prerecorded cassette tape. Press the PLAY button and adjust the VOLUME control to suit.

To advance the tape quickly to another section, press the F.FWD (Fast Forward) button. When the end of the tape is reached in the Play Mode, the Auto Stop feature will stop the tape. To stop the tape in the Fast Forward Mode or before it reaches the end, press the STOP button.

## ALARM/TIME



### AM (TIME) LED INDICATOR

In the upper left corner of the Clock Display is the AM LED indicator. When the AM LED indicator is lit, the actual or alarm time shown in the Clock Display is AM hours. When the indicator is not lit, the time shown is PM hours.

### AUTO (ALARM) LED INDICATOR

In the lower left corner of the Clock Display is the AUTO (Alarm) LED indicator. When the POWER switch is in the AUTO position, this LED lights to indicate the alarm is set to go off at the preset wake time.

### TO SET OR RESET THE ACTUAL TIME

To set the actual time, press and hold the CLOCK button and press the HOUR and MINUTE buttons to advance the time until the desired time is shown on the display.

### TO SET OR RESET THE ALARM TIME

To set the actual time, press and hold the ALARM button and press the HOUR and MINUTE buttons to advance the alarm time until the desired alarm time is shown on the display.

### TO SET THE ALARM

Set the alarm time as previously instructed.

To wake up to a buzzer alarm, set the ALARM switch to the BUZZER position.

To wake up to the tape or radio, set the ALARM switch to the RADIO/TAPE position, slide the POWER switch to the ON position and make sure the VOLUME control is set to the desired level.

If waking to tape, slide the POWER switch to the ON position and press the PLAY button. If waking to radio, slide the FUNCTION Selector switch to the AM or FM position and tune a station.

Slide the POWER switch to the AUTO position.

When the actual time matches the selected preset alarm time, the unit automatically turns on for 1 hour and 59 minutes and then shuts off. The radio can be turned off manually by pressing the SNOOZE/SLEEP OFF

button; the radio will turn back on automatically 9 minutes later. This procedure can be repeated up to 59 minutes from the initial wake up time. To turn the alarm off, set the POWER switch to the OFF position. To reset the alarm for the next day, slide the POWER switch to the AUTO position.

#### AUTOMATIC WAKE UP EVERY 24 HOURS

To automatically set the alarm(s) to go off every day, set the POWER switch back to the AUTO position when turning the alarm(s) off.

#### SLEEP

The radio can be set to automatically turn itself off after a period of 1 hour and 59 minutes or less when the POWER switch is in the OFF or AUTO position. To use this feature, press the SLEEP button and :59 will appear on the clock display, then release the button.

To adjust the sleep period to a shorter time, press and hold the SLEEP button and press the MINUTE or HOUR button until the desired time is shown on the clock display.

To cancel the sleep feature, press the SNOOZE/SLEEP OFF button.

**NOTE:** If you press the SLEEP button again after setting the sleep time, the sleep time will be set to 59 minutes automatically. To turn off the sleep time, press the SNOOZE/SLEEP OFF button.

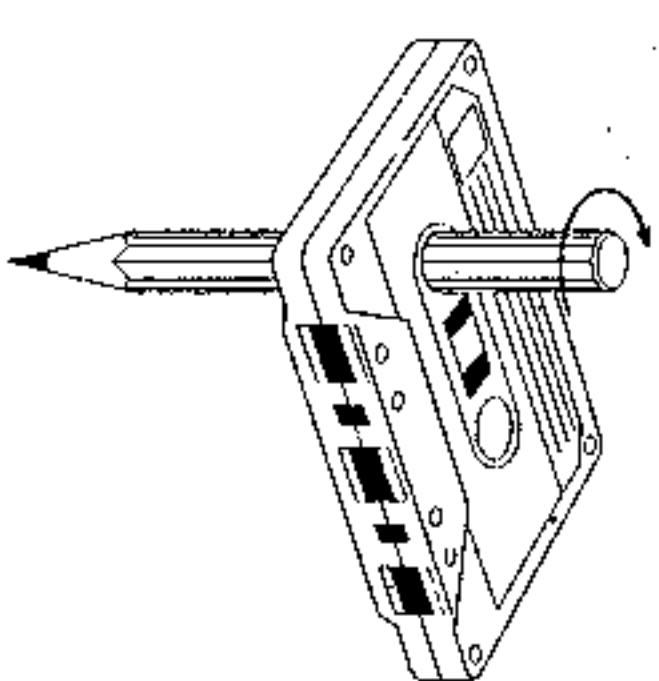
#### CARE AND MAINTENANCE

To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning. The finish on the unit may be cared for as other furniture. Use caution when cleaning and wiping the plastic parts. Mild soap and a soft, damp cloth may be used.

#### CASSETTE TAPE RECOMMENDATIONS

Longer length tapes of 45 (C-90) and 60 (C-120) minutes of playing time on each side are not recommended. These tapes use thinner material and have a greater chance for malfunction such as tape spillage from the cassette, internal binding and tape tearing. Use only high quality tapes.

If there is any slack in the tape, remove it before inserting the cassette. To do so, place a pencil in one of the hubs and rotate it until the slack is taken up.



#### TROUBLESHOOTING GUIDE

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

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
<b>GENERAL</b>		
Power does not come on.	AC line cord not plugged in.	Insert plug firmly into AC outlet.
<b>RADIO</b>		
No sound.	POWER switch not set to ON position.	Set POWER switch to ON position.
	VOLUME control at minimum position.	Turn the VOLUME control up.
Noise or sound distorted on AM or FM/WB.	AM - Interference from traffic. FM/WB - AC line cord not unraveled.	Turn the radio for better AM reception. Unravel the AC line cord.
Radio does not turn off with SLEEP feature.	POWER switch not in OFF or AUTO position.	Set POWER switch to OFF or AUTO position.
<b>CLOCK</b>		
Flashing time.	Battery connected improperly, not connected or dead.	Check the battery.
	Clock not set.	Set the clock.
Alarm(s) do not turn on.	Power switch not in AUTO position.	Set POWER switch to AUTO position.
	Clock is not set.	Set the clock.
	Alarm time not set.	Set alarm time.
	Alarm not selected.	Check position of ALARM selector switch.

#### CLEANING THE HEADS

Clean the tape head, capstan and pinch roller using a cotton swab slightly moistened with alcohol. Avoid scratching the head surface. To clean the unit housing, use a soft cloth slightly dampened with water and wipe dry.

**CAUTION:** Never use chemicals such as benzene or paint thinner for cleaning, otherwise the case may be deformed or discolored.

SYMPTOM	POSSIBLE CAUSE	Possible Solution
No sound.	POWER switch not set to ON position.	Set POWER switch to ON position.
	VOLUME control at minimum position.	Turn the VOLUME control up.
Cassette does not turn off with SLEEP feature.	POWER switch not in OFF or AUTO position.	Set POWER switch to OFF or AUTO position.
Sound Distorted.	Dirty head.	Clean head.
Alarm does not turn on cassette.	FUNCTION Switch not in TAPE position.	Set FUNCTION Switch to TAPE position.
No sound when waking to TAPE.	PLAY button is not pressed.	Press the PLAY button.

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.



SERVICE

FOR CUSTOMER SERVICE, PLEASE WRITE TO:

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

**CASSETTE**

No sound.

POWER switch not set to ON position.

Set POWER switch to ON position.

Cassette does not turn off with SLEEP feature.

VOLUME control at minimum position.

Turn the VOLUME control up.

Sound Distorted.

POWER switch not in OFF or AUTO position.

Set POWER switch to OFF or AUTO position.

Alarm does not turn on cassette.

FUNCTION Switch not in TAPE position.

Set FUNCTION Switch to TAPE position.

No sound when waking to TAPE.

PLAY button is not pressed.

Press the PLAY button.

**Emerson**

**LIMITED WARRANTY**

AUDIO

Emerson Radio Corp. warrants this product to be free from manufacturing defects in original material, including original parts, and workmanship under normal use and conditions ("manufacturing defects") for a period of ninety (90) days from date of original purchase in, and if used in, the United States ("warranty").

Emerson, at its sole discretion, will either replace the product or repair the product at a repair depot permitted by Emerson to perform repairs, provided the manufacturing defect is verified along with the date of purchase. To obtain the name and mailing location of repair facility, DIAL 1-872-884-2350.

Since the product must be mailed:

- Pack the unit in a well-padded heavy corrugated box.
- Enclose your check or money order payable to EMERSON RADIO CORP. in the amount of \$7.00 to cover return shipping and handling costs.
- Enclose a copy of your proof of purchase (warranty service will not be provided without dated proof of purchase).
- Ship the unit prepaid via UPS or parcel post (insured).

NOTE: This warranty is void if the product is:

- (a) Damaged through negligence, misuse, abuse, or accident.
- (b) Used in a commercial application or rentals.
- (c) Modified or repaired by anyone other than a Repair Depot permitted by Emerson to perform repairs.
- (d) Damaged because it is improperly connected to the equipment of other manufacturers.
- (e) Units on which the serial number has been defaced, modified or removed.

NOTE: This warranty does not cover:

- (a) Damage to equipment not properly connected to the product.
- (b) Cost incurred in the shipping of the product to and from a Repair Depot.
- (c) Damage or improper operation of unit caused by customer abuse, misuse, negligence, or failure to following operating instructions provided with the product.
- (d) Ordinarily adjustments to the product which can be performed by customer as outlined in the owner's manual.
- (e) Signal reception problems caused by external antenna or cable systems.
- (f) Products not purchased in the United States.
- (g) Damage to product if used outside the United States.
- (h) Damage to compact disc.
- (i) Damage to cassette.

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

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

THIS WARRANTY IS VALID ONLY IN THE UNITED STATES OF AMERICA. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. HOWEVER, YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW LIMITATION ON IMPLIED WARRANTIES OR EXCLUSION OF CONSEQUENTIAL DAMAGE, THEREFORE THESE RESTRICTIONS MAY NOT APPLY TO YOU.

AU596N

EMERSON RADIO CORP.  
CONSUMER AFFAIRS DEPT.  
1901 DIPLOMAT DRIVE  
FARMERS BRANCH, TX 75234

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