



SmartSet® Clock Radio,

With Auto Date-Time Setting System,

1.4"Blue Display, Dual Alarms, FM Radio, USB Charge Out, Stereo Earphone Out, LED Decor, Shuttle Wheel and Bluetooth Speaker

(SmartSet Patent No. 6,567,344)

OWNER'S MANUAL

ER100112

Visit our website at www.emersonradio.com

1 WARNING

TO PREVENT ELECTRIC SHOCK HAZARD, DO NOT CONNECT TO MAINS POWER SUPPLY WHILE GRILLE IS REMOVED. TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

POUR ÉVITER TOUT DANGER DE CHOC ÉLECTRIQUE, NE PAS RACCORDER AU SECTEUR TANT QUE LA GRILLE N'APAS ÉTÉ REMISE EN PLACE. POUR RÉDUIRE LE RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE, NE PAS EXPOSER CET APPAREIL SOUS LA PLUIE ET L'HUMIDITÉ.



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

ATTENTION RISQUE D'ÉLECTROCUTION NE PAS OUVRIRE

WARNING-SHOCK HAZARD -DO NOT OPEN AINSI QU'UN ÉLECTROPHONE NE PEUT ÊTRE REPARÉ

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.

This is CLASS II apparatus with double insulation, and no protective earth provided.

The Caution Marking and Rating plate are located at the bottom enclosure of the apparatus. Les marques sont inscrits en arrière de l'appareil. Les précautions d'emploi sont inscrites en arrière de l'appareil.

IMPORTANT SAFETY INSTRUCTIONS

- 1.) Read these instructions. Keep these instructions. Follow all instructions. Heed all warnings.
- 2.) Do not use this apparatus near water.
- 3.) Clean only with dry cloth.
- 4.) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 5.) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 6.) 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. The 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.
- 7.) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 8.) Only use attachments / accessories specified by the manufacturer.
- 9.) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 10.) 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.
- 11.) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 12.) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- 13.) Mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
- 14.) Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- 15.) les batteries (bloc de batteries ou batteries installées) ne doivent pas être exposées à une chaleur excessive telle que celle du soleil, d'un feu ou d'origine similaire.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
ATTENTION: Pour éviter tout danger de choc électrique, ne pas raccorder au secteur tant que la grille n'apas été remise en place.
 *Les marquages sont inscrits en bas de l'appareil. Les précautions d'emploi sont inscrites en bas de l'appareil. La prise du secteur ne doit pas être obstruée ou doit être facilement accessible pendant son utilisation.
 Pour être complètement déconnecté de l'alimentation d'entrée, la prise doit être débranchée du secteur.
 Les piles ne doivent pas être exposées à de forte chaleur, tel qu'à la lumière du soleil, au feu ou autres choses de semblable.
 La prise du secteur est utilisée pour déconnecter le système.
 La prise du secteur ne doit pas être obstruée ou doit être facilement accessible pendant son utilisation.
 Pour être complètement déconnecté de l'alimentation d'entrée, la prise doit être débranchée du secteur.
 L'adaptateur AC/AC de l'appareil est utilisé pour déconnecter le système.
 L'adaptateur AC/AC de l'appareil ne doit pas être obstrué ou doit être facilement accessible pendant son utilisation.
 Pour être complètement déconnecté de l'alimentation d'entrée, l'adaptateur AC/AC de l'appareil doit être déconnecté du secteur.
 • minimum distances 10 cm around the apparatus for sufficient ventilation. 10cm de distance minimale autour de l'appareil pour une ventilation suffisante.
 • the ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
 Ne pas recouvrir les entrées d'aérations avec des objets tel qu'un journal, une nappe, un rideau, etc...
 • no naked flame sources such as lighted candles should be placed on the apparatus. Aucune source de flamme nue, tel qu'une bougie, ne doit être placée sur l'appareil.
 • attention should be drawn to the environmental aspects of battery disposal. Les usages doivent être jetés en respectant l'environnement.
 • the use of apparatus in tropical and/or moderate climates. L'utilisation de l'appareil dans un climat tropical et/ou modéré

DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

WARNING
 Do not ingest the battery. Chemical Burn Hazard
 This product contains a coin/button cell battery.
 If the coin/button is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
 Keep new and used batteries away from children.
 If the battery compartment does not close securely, stop using the product and keep it away from children.
 If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

AVERTISSEMENT

Ne pas ingérer la pile, Danger de brûlure chimique
 Ce produit contient une pile bouton. Si la pile bouton est avalée, elle peut provoquer de graves brûlures internes en 2 heures seulement et peut entraîner la mort.
 Conserver les piles neuves et usées hors de portée des enfants.
 Si le compartiment pile ne se ferme pas correctement, cesser d'utiliser le produit et tenir hors de portée des enfants.
 En cas de doute concernant le fait que les piles pourraient avoir été avalées ou introduites dans une partie quelconque du corps, consulter immédiatement un médecin.

3 Preparation For Use

Unpacking And Set Up

- Remove the radio from the carton and remove all packing material from the radio. Save the packing material, if possible, in case the radio ever needs to be serviced or transported. The original carton and packing material is the only safe way to pack your radio to protect it from damage in transit.
- Remove any descriptive labels or stickers on the front or top of the cabinet. Do not remove any labels or stickers from the back or bottom of the cabinet.
- Note the serial number on the bottom of your radio and write this number in the space provided on the Warranty page of this manual.
- Place your radio on a level surface such as a table, desk or shelf, convenient to an AC outlet, out of direct sunlight, and away from sources of excess heat, dirt, dust, moisture, humidity, or vibration.
- Unwind the Line cord connecting the AC adapter and extend it to its full length. The FM antenna is built in to this cord. It must be fully extended to provide the best FM reception.

Protect Your Furniture

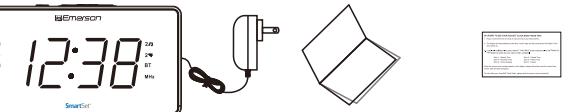
This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, 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.

Power Source

This radio is designed to operate on normal 120V 60Hz AC power only. Do not attempt to operate the radio on any other power source. You could cause damage to the radio that is not covered by your warranty. This radio should be connected to an AC outlet that is always 'live'. Do not connect it to an outlet that is controlled by a wall switch. When the power to the radio is interrupted, the built in lithium battery takes over to maintain the time and alarm settings. To maximize the life of the lithium battery keep the radio connected to a 'live' AC outlet at all times.

4 Package Contents

- ER100112 Clock Radio x 1
- Owner's Manual
- Read This Insert (Quick Start Guide)

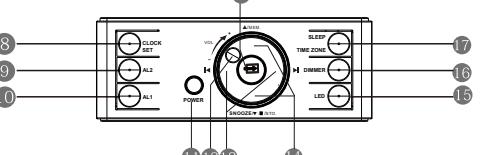


5 Location of Controls and Indicators

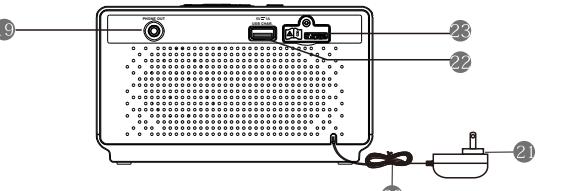
FRONT PANEL



TOP PANEL



BACK PANEL



1. ALARM 1 RADIO/Buzzer Indicators
2. AM Indicator('On'=AM, 'Off'=PM)
3. DAY OF WEEK Indicator
4. LOW BATTERY  Indicator
5. MHZ Indicator(FM Radio frequency)
6. BT Indicator('Solid'=Bluetooth connected)
7. ALARM 2 RADIO/Buzzer Indicators
8. CLOCK SET Button
9. AL2 ON/OFF/SET Button
10. AL1 ON/OFF/SET Button
11. POWER('ON'/Standby) Button
12. Shuttle Wheel Volume Control (clockwise '+'/counter-clockwise '-')
13. TUNE-  / TUNE+  Button
14. UP/DOWN/STORE/MEMORY / Button
15. LED Button
16. DIMMER Button
17. SLEEP/TIME ZONE Button
18. SOURCE Button
19. Stereo Earphone Jack
20. Adapter Cable (acts as Antenna)
21. AC Adapter
22. USB CHARGING Port
23. Backup Battery Compartment

6 Setting the Time Zone

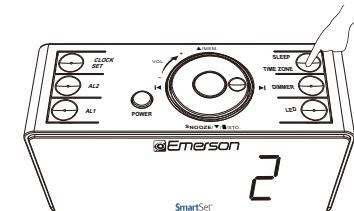
Initial Default Setting at Clock Mode

The first time you connect your new SmartSet® clock radio to the AC outlet the internal computer will automatically set the time correctly for the Eastern Time zone, which is the initial default setting. The display will scan for a few seconds and then show the correct Day and Time in the Eastern zone. If you live in the Eastern Time zone, there's nothing else to do. Your clock is set correctly and running. If you do not live in the Eastern Time zone you must change the default zone display to your own zone. You only do this one time and the SmartSet® will remember the new default zone setting and will always return to that setting after power interruption.

There are 7 time zones programmed into your SmartSet® clock radio as follows:
 ZONE 1 -Atlantic Time ZONE 2 -Eastern Time (Default Setting)
 ZONE 3 -Central Time ZONE 4 -Mountain Time
 ZONE 5 -Pacific Time ZONE 6 -Yukon Time
 ZONE 7 -Hawaiian Time

1 Press and hold **TIME ZONE**

2 Press  OR 



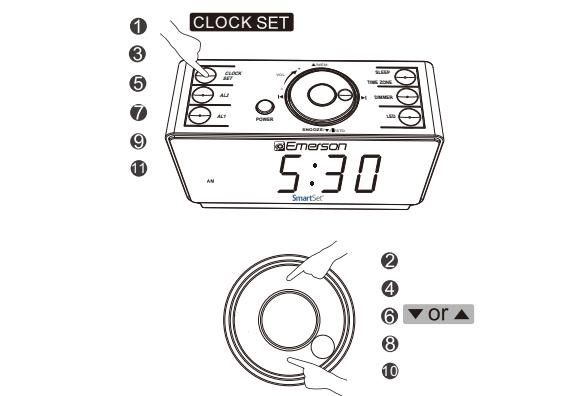
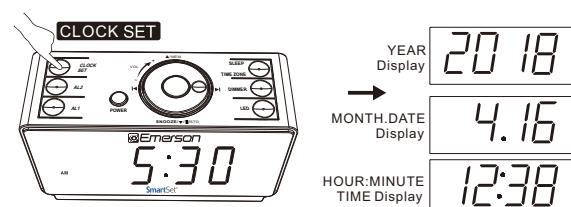
Note: Time Zone and Clock Setting can only be adjusted in Standby mode, where the function of Radio, and Bluetooth are disabled(Indicators of "MHz" and "BT" are OFF).

7 Setting the Clock Manually

(Turn the clock to Standby mode before setting the time)

Checking the Current Year/Date/Time

To check the current year/date/time, press the "CLOCK SET" button repeatedly to see the cycle of year, month and date display.



- 1 Press and hold the "CLOCK SET" button, until the "YEAR" display flashes.
- 2 Press "" or "" to adjust the year.
- 3 Press the "CLOCK SET" button again, the "MONTH" display flashes.
- 4 Press "" or "" to adjust the month.
- 5 Press the "CLOCK SET" button again, the "DATE" display flashes.
- 6 Press "" or "" to adjust the date.
- 7 Press the "CLOCK SET" button again, the "HOUR" display flashes.
- 8 Press "" or "" to adjust the hour.
- 9 Press the "CLOCK SET" button again, the "MINUTE" display flashes.
- 10 Press "" or "" to adjust the minute.
- 11 Press the "CLOCK SET" button again to return to clock mode, or wait for 5 seconds.

8 Daylight Saving and Leap Year Adjustment

All Daylight Saving and Leap Year adjustment are made automatically by the SmartSet® internal computer as follow:

Start of Daylight Saving time:

At 2:00 AM on the 2nd Sunday in March, the clock will automatically advance to 3:00 AM

End of Daylight Saving time:

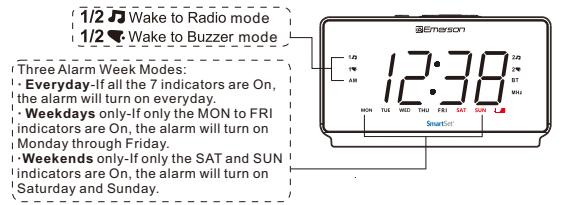
At 3:00 AM on the 1st Sunday in November, the clock will automatically reset to 2:00 AM

Leap Year:

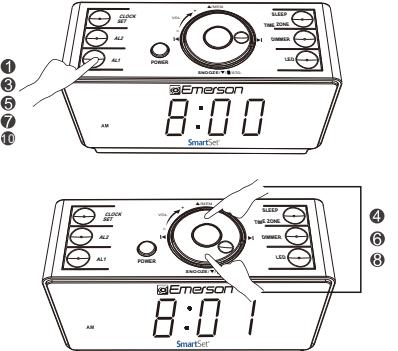
At 12:00 Midnight on February 28th, the calendar display will change to "2.29".

Setting the Alarm

(Checking and setting Alarms can be in Standby mode or while Bluetooth/Radio mode is On)
Your clock radio has two separate alarms (AL1 and AL2) that can be set and used independently. Please ensure that you have set the wake up time and alarm mode correctly.



Setting the Wake up Alarm



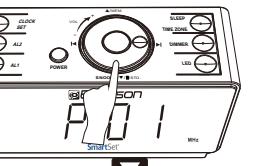
C: Auto Searching/Scanning FM Stations
(Press the Tune Up or Turn Down button for 2 seconds and release)

Searching will stop at a station with acceptable reception



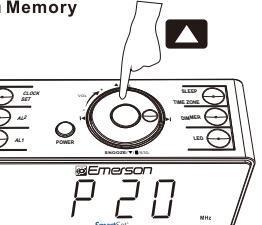
D: Storing Favorite Station to Memory
(20 stations can be stored)

1 press 2s and store station



- At Radio Mode, Press the Tune Down "I◀" or Tune Up "I▶" button to search your desired station.
- Press and hold the "STO." button until Program Number between P01 and P20 flashes, press Tune Down "I◀" or Tune Up "I▶" button to change the program number you desired, press the "STO." button again and the favorite station will be stored to the selected program number.

E: Recall Favorite Station from Memory



- When Radio mode is On, press the "MEM." button, Program number will be shown on the display, press Tune Down "I◀" or Tune Up "I▶" to select your stored program number and listen to your favorite station.

Note: Keep the clock radio away from other electronic devices to avoid radio interference. For better reception, fully extend and adjust the position of the AC Adapter cable, which functions as an FM antenna.

Checking the Alarm Settings (Wake Up Time and Alarm Week Mode)

- 1 Press the "AL1" or "AL2" button to check the current alarm settings for Alarm 1 or Alarm 2 respectively.
 - 2 Default alarm settings are 8:00AM on Everyday week mode.
 - 3 Press and hold the "AL1/AL2" button for 2 seconds until the "Hour" of wake up time flashes. Then,
 - 4 Press the "▼" or "▲" button to adjust the Hour.
 - 5 Press the "AL1/AL2" button once, the "Minutes" of wake up time will flash.
 - 6 Press the "▼" or "▲" button to adjust the Minutes.
 - 7 Press the "AL1/AL2" button once, the current volume level will flash.
 - 8 Press the "▼" or "▲" button to adjust your desired alarm volume level (V01-V15) at which the alarm will reach gradually at wake up time.
 - 9 Press the "SOURCE" button to select the desired Alarm Week Mode (Everyday, Weekdays, Weekends).
 - 10 Press the "AL1/AL2" button to save your alarm settings and return to current time display.
- Note:** The alarm will sound continuously for up to one hour if it is not canceled.

Activating the Alarm

- Press and release the "AL1/AL2" button continuously to turn On your desired Alarm Mode: Wake to Radio or Wake to Buzzer.
- When the '1/2' indicator glows, the wake up to Radio alarm will be On.
- When the '1/2' indicator glows, the wake up to Buzzer alarm will be On.
- To completely turn Off the alarm, press and release "AL1/AL2" button continuously until the Radio '1/2' indicator or the Buzzer '1/2' indicator is Off.

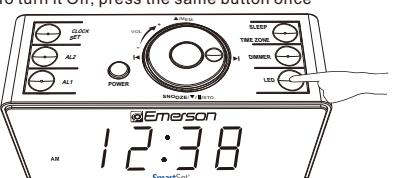
Snooze Alarm

When the alarm comes On, press the "SNOOZE" button to pause it for 9 minutes. Alarm indicator will flash during Snooze Alarm mode. To turn off Snooze Alarm, press the "POWER" button once.

Note: If not turned off, the Snooze Alarm will only be active for one hour.

10 Bedroom/Desktop LED Decor

Press the button indicated to turn the blue LED On to decorate your bedroom or desk. To turn it Off, press the same button once.



11 Listening to FM Radio

Press the Power button to turn ON the unit and press SOURCE button to change to Radio Mode ("MHz" On)

Power on:

A: Switch to Radio Mode

- 1 Press the "POWER" button to turn On the unit.



B: Tuning in FM Station

- 1 Press the Tune Up or Tune Down button to search and tune in your desired station.

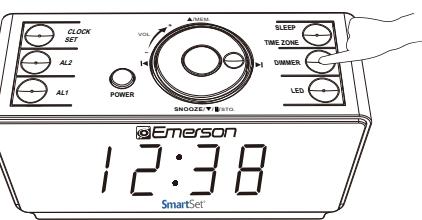


- 2 Press the "SOURCE" button to switch to Radio mode.

- 2 To adjust the output volume, turn the Shuttle Wheel in clockwise (VOL+) or counterclockwise (VOL-) direction.

14 4-Level Dimmer Control

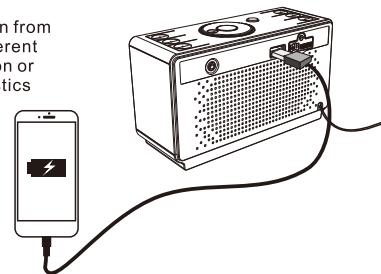
Press the "DIMMER" button while in Standby mode and select any of the four levels. It also can be adjusted when the Bluetooth or Radio On.



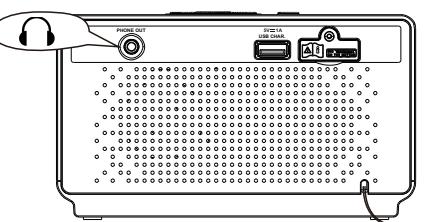
15 USB for Charging

Output 5V up to 1A for charging mobile phone or portable digital audio player.

Note: Charging current drawn from the unit may vary due to different USB charging cable condition or battery charging characteristics



16 Enjoying Stereo via Earphone Jack



- 1 Press the "POWER" button to turn the unit On.
 - 2 Press the "SOURCE" button to select and listen to your desired audio source (Bluetooth or Radio).
 - 3 Adjust the output volume by turning the Shuttle Wheel in clockwise or counterclockwise direction.
 - 4 Connect your headphone plug into the 3.5mm earphone jack to enjoy streaming stereo through your headphone.
- Note:** If an alarm is set and your headphone is still connected to the unit, Wake to Radio/Buzzer alarm will not go off on the speaker but only on your headphone.
- CAUTION:** Prolonged use of headphone at high volume may cause irreparable hearing loss. We strongly advise you to adjust the headphone volume to a reasonable level. The higher the volume for a prolonged time, the higher the risk of damaging your hearing.

10-90-1402A

19 LIMITED WARRANTY

Emerson Radio Corp. warrants this product to be free from manufacturing defects in original material, including original parts, and workmanship under normal home use and conditions ("manufacturing defect") for a period of ninety (90) days from date of original purchase in, and if used in the United States. Should service be necessary under this warranty, Emerson will provide the following at our Return Repair Facility provided the manufacturing defect is verified along with the date of purchase:

* **Repair service for ninety (90) days from date of original purchase at no charge for labor and parts.**

To Receive Authorization to Return a Defective Item, please contact Emerson Customer Service at 1-800-898-9020 or at <http://www.emersonradio.com/service/return-policy>. Have your Model number, Serial Number and dated Proof of Purchase with you when you call.

In the event the product must be returned to Emerson:

* Pack the unit in a well-padded heavy corrugated box. Please insure the item is well padded to avoid damage while in transit back to our facility. **If the item incurs damage, it will NOT be replaced and the consumer will be responsible for return freight costs to receive their same unit back.**

* Enclose your check or money order payable to Emerson Radio in the amount of \$10 to cover return shipping and handling costs.

* Enclose a note with your name, address, phone number, Return Authorization number and brief reason for returning the unit.

* 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 (SHIP INSURED and obtain a tracking number).

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 Emerson's Return Facility.

(c) Damage or improper operation of unit caused by customer abuse, misuse, negligence or failure to follow operating instructions (including cleaning instructions) provided with the product.

(d) Ordinary adjustments to the product which can be performed by customer as outlined in the owner's manual.

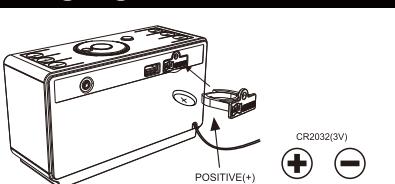
(e) Signal reception problems caused by external antenna or cable systems.

(f) Products not purchased in the United States.

(g) Damage to product if used outside the United States.

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 LIMITATIONS ON IMPLIED WARRANTIES OR EXCLUSION OF CONSEQUENTIAL DAMAGE, THEREFORE THESE RESTRICTIONS MAY NOT APPLY TO YOU.

17 Changing the Lithium Battery



- 1 The lithium backup battery needs replacement when the LOW BATTERY indicator flashes, otherwise, the time and alarm settings will be lost/reset after a power outage.
- 2 Leave the AC adapter connected to your AC outlet to retain memory while the original battery is removed.
- 3 Unscrew the battery holder from the cabinet with a small screwdriver and insert a new battery with the same CR2032 or equivalent type into the holder the same way, observing the positive (+) polarity before sliding the holder back into the slot. The LOW BATTERY indicator should then be Off.

The serial number can be found on the back cabinet. We suggest that you record the serial number of your unit in the space below for future reference

Model Number: ER100112

Serial Number: _____



FOR CUSTOMER SERVICE, PLEASE E-MAIL TO:
internet@emersonradio.com

OR WRITE TO:
Emerson Radio Corp.
Consumer Affairs Dept.
35 Waterview Blvd
Parsippany, NJ 07054

Emerson Part No. ER100112-20181008-01

Printed in China

18 Care and Maintenance

Care Of Cabinets

If the cabinet becomes dusty, wipe it with a soft cloth. If the cabinet becomes smudged or dirty, clean it with a soft, slightly dampened cloth. Never allow water or any liquid to get inside the cabinet. Never use any abrasive cleaners or cleaning pads as these will damage the finish of your radio.

Lithium Battery Precautions

- Dispose of the old battery properly. Do not leave it lying around where a young child or pet could play with or swallow it. If the battery is swallowed, contact a physician immediately.
- The battery may explode if mistreated. Do not attempt to recharge it or disassemble it. Do not dispose of the old battery in a fire.