



SmartSet® Clock Radio,

With Auto-Time Setting System,

Jumbo Display, Dual Alarms,

Sure Alarm,

PLL FM Radio,

USB Charging

(U.S. Patent No. 6,567,344)

OWNER'S MANUAL

CKS1708

Visit our web site at www.emersonradio.com

1 WARNING

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.



This is CLASS II apparatus with double insulation, and no protective earth provided. The Caution Marking located at the bottom enclosure of the apparatus.

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. 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.
 - 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 AC adaptor shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
 - 13.) Adaptor is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, adaptor should be disconnected from the mains socket outlet completely.
 - 14.) Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.



AVERTISSEMENT: AFIN DE PRÉVENIR TOUT RISQUE D'INCENDIE OU D'ÉLECTROCUTION N'EXPOSEZ PAS CET APPAREIL À LA PLUIE NI À L'HUMIDITÉ. 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. L'appareil ne doit pas être exposé aux écoulements ou aux éclaboussures et aucun objet ne contenant de liquide, tel qu'un vase, ne doit être placé sur l'objet. **PRÉCAUTION:** Danger d'explosion si les piles sont remplacées de façon incorrect. Remplacer les piles seulement par le même type de pile ou l'équivalent.

Thank you for purchasing this Emerson SmartSet® Dual Alarm Clock Radio. This clock radio uses Emerson's patented SmartSet® Automatic Time Setting System. The first time you connect this clock radio to your AC outlet, and after every power interruption, within seconds the clock will automatically set itself to the correct Year, Month, Date, Day, and Time. In addition all changes from Standard Time to Daylight Saving Time, and back to Standard Time, are made automatically. There are dual alarms that can be set and used independently, and both of the alarms can be programmed for everyday operation, weekdays only, or weekends only. There is a long life lithium battery installed in this clock radio when you buy it. This battery can maintain the time and alarm settings for 3 to 5 years, or even longer. We have taken every precaution to make sure this radio was in perfect working order when it left our factory. If you encounter any problems with the set up or operation of this item, please call the Emerson Consumer Products Corp., Customer Service Hotline, toll free, at 1 -800-898-9020.

2 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.
- Operate controls and switches as described in the manual.
- Before turning on the power, make certain that the AC adapter is properly installed.
- When moving the set, be sure to first disconnect the AC adapter.

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;
(2) This device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

3 Preparation for Use

Unpacking And Set Up

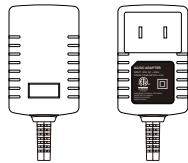
- Remove the radio from the carton and remove all packing material from the radio. We suggest that you save the packing material, if possible, in the unlikely event that your radio ever needs to be returned for service. The original carton and packing material is the only safe way to pack your radio 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

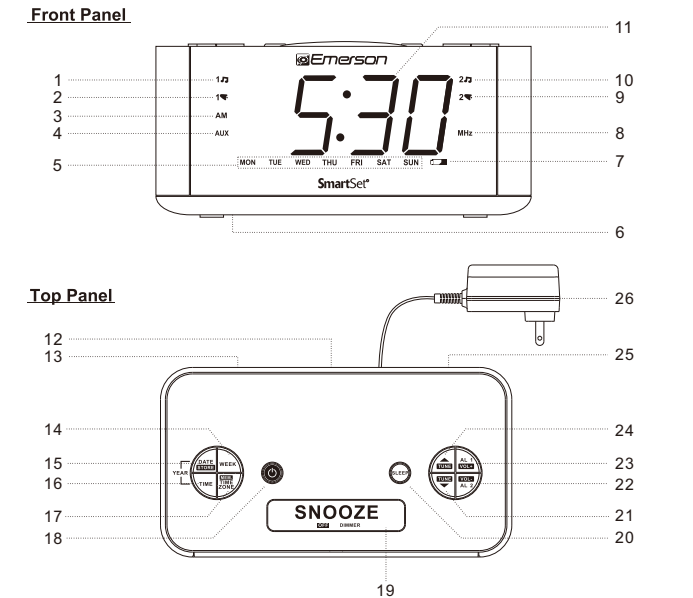
This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to dissolve 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 will void 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 Location of Controls and Indicators



1. **1** (AL 1 'Radio') Alarm Indicator.
2. **1** (AL 1 'Buzzer') Alarm Indicator.
3. **AM** Indicator. ('On'=AM; 'Off'=PM)
4. **AUX** Indicator.
5. **DAY OF WEEK** Indicators. (MON, TUE, WED, THU, FRI, SAT, SUN)
6. Back Up Battery Compartment (Bottom Cabinet).
7. **LOW BATT.** Indicator.
8. **FM** Radio Indicator.
9. **2** (AL 2 'Buzzer') Alarm Indicator.
10. **2** (AL 2 'Radio') Alarm Indicator.
11. Time/Date Display.
12. Speaker (Back Cabinet).
13. USB Charging.
14. **WEEK MODE** Button. (Weekdays/Weekends/Everyday Alarm)
15. **MONTH/DATE** Setting / **STORE** Radio Station.
16. **TIME** Setting / **FM** Frequency Display.
17. **TIME ZONE / MEMORY** Button.
18. **RADIO ON / OFF** Button.
19. **SNOOZE / SLEEP OFF / DIMMER** Button.
20. **SLEEP** Button (Sleep To Music Timer).
21. **TUNE/ SET** Button.
22. **ALARM 2** Setting / **VOLUME-** Button.
23. **ALARM 1** Setting / **VOLUME+** Button.
24. **TUNE/ SET** Button.
25. **AUX** IN Jack.
26. AC adapter (Back Cabinet).

- Note:** For buttons displayed with additional **INVERSED** font or icons, they have multiple function at different operation mode. Generally, the functions displayed in **INVERSED** font are for operation when Radio is ON.

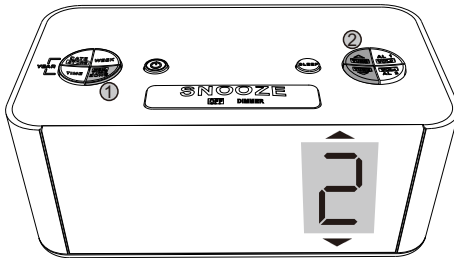
5 Setting The Time

Setting the Time Zone

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 a power interruption.

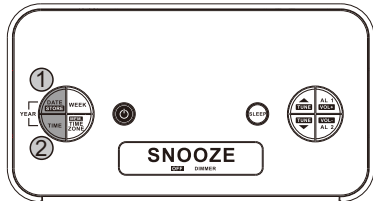
There are 7 time zones programmed into your **SmartSet**® clock radio as follows:

- | | |
|------------------------|---|
| 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 | |



- Depress and hold **1**.
- Press **2** until your own time zone appears on the display, then release the buttons.

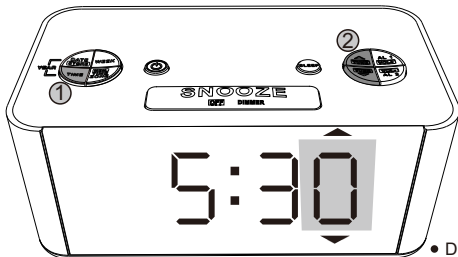
Date and Year Display



DATE DISPLAY (MM.DD):
• Depress **1**.

YEAR DISPLAY (YYYY):
• Depress **1** **2** together.

Manual Time Adjustments



- Depress and hold **1**.
- Press **2** to adjust the time (hr:mm 12-hour time format).
- If hold **2**, the display will continue to change rapidly.

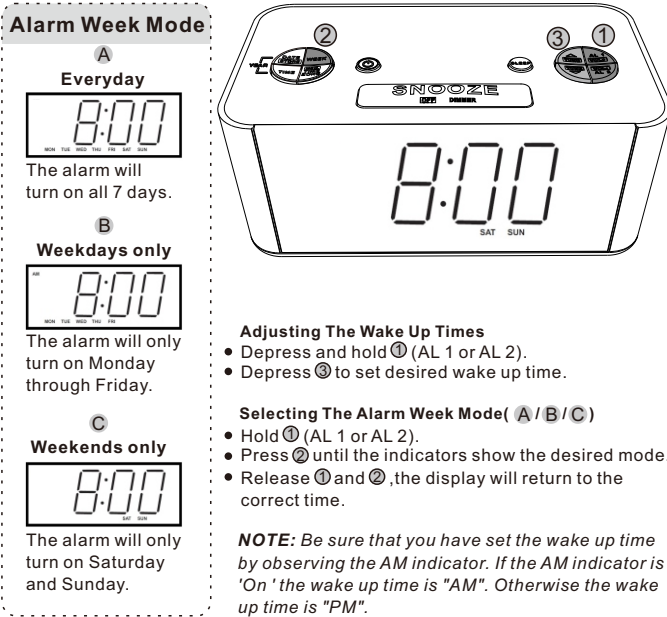
NOTE: If you manually adjust the time, your new setting is entered into the **SmartSet**® memory. If the power is interrupted, the display will return to your new setting, not the original setting, when the power is restored.

Daylight Saving and Leap Year Adjustments

All Daylight Saving and Leap Year adjustments are made automatically by the **SmartSet**® internal computer as follows:

- **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".

Adjusting The Wake Up Times and Alarm Week Mode



Adjusting The Wake Up Times

- Depress and hold **1** (AL 1 or AL 2).
- Depress **2** to set desired wake up time.

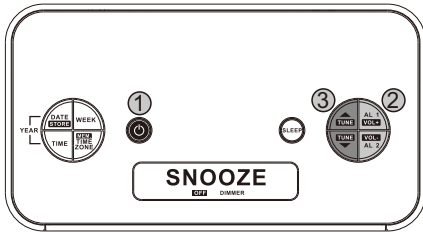
Selecting The Alarm Week Mode (A/B/C)

- Hold **1** (AL 1 or AL 2).
- Press **2** until the indicators show the desired mode.
- Release **1** and **2**, the display will return to the correct time.

NOTE: Be sure that you have set the wake up time by observing the AM indicator. If the AM indicator is 'On' the wake up time is "AM". Otherwise the wake up time is "PM".

6 Listening to The Radio

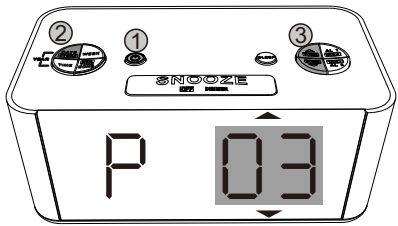
Tuning to The FM Radio



- Press **1** to turn the radio 'On' or 'Off'.
- Set the volume by pressing **2**.
- Tune to your desired station by pressing **3** slightly to increase or decrease the receiving frequency by one step, or holding **3** for one second and release to engage Auto Station Seeking until a station with acceptable reception is found.

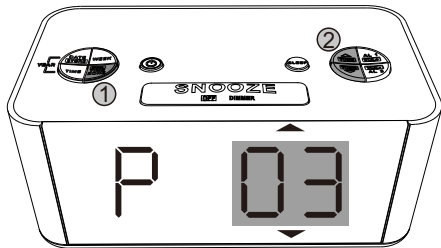
NOTE: For better reception, fully extend and adjust the position and direction of the AC adapter cord that acts as an FM antenna.

Storing Station to the Memory



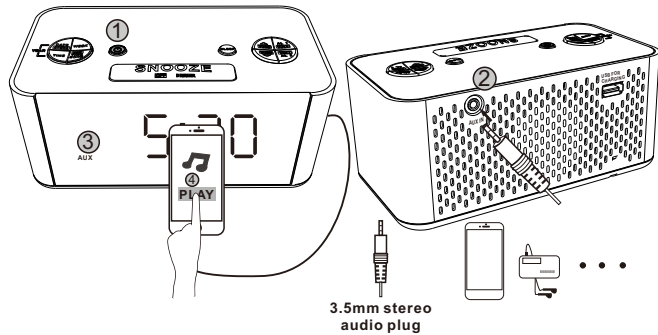
- Press ❶ to turn the radio 'On' and tune to the desired station as described.
- Press ❷ indicating the memory location to store the currently listening station.
- While 'P XX' is blinking, press ❸ can change the memory location(P01~P10).
- Press ❷ again, the currently listening station is stroed.

Recalling Station from the Memory



- After the radio is 'On',press ❶, 'P XX' shows on the display and the station according to the memory location is tuned.
- Press ❷ can change the memory location(P01~P10) .

7 Enjoying Audio Sources with AUX IN Jack



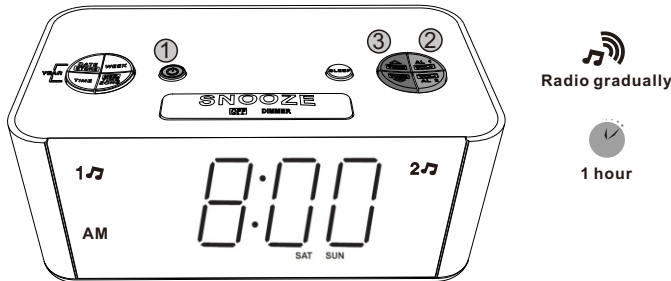
- Press ❶ to turn the radio 'On'.
- Connect the audio source from its earphone jack to ❷ with a 3.5mm Male to Male stereo AUX cable (not included).
- "AUX" indicator ❸ will light on while **AUX IN** jack is plugged in.
- Start ❹ to play the audio source

Remark:

- Once the **AUX IN** jack is plugged in, the alarm sound will be buzzer sound only while the alarm function is activated.
- The AUX volume can only be adjusted through your audio players.

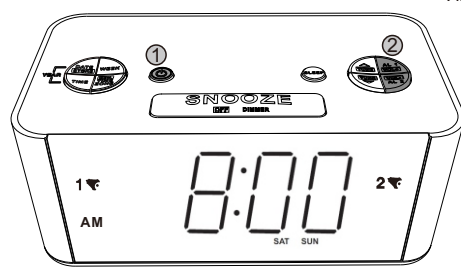
8 Setting The Alarm

Wake To Radio and Radio Alarm Volume Setting



- Press ❶ to turn the radio 'On' .
- Press ❸ or recall station from the Memory to select the station that you wish to hear when the alarm comes 'On'.
- Press ❷ to set the maximum radio volume at which the alarm will reach gradually at wake up time.
- To have a softer radio volume (U07) at wake up time, select radio volume between U00 and U07.
- Press ❶ again to turn the radio 'Off' .
- Reconfirm the wake up time and alarm mode settings for the alarm you are using by pressing and holding ❷ (either AL 1 or AL 2) when the radio is 'Off'.
- Press ❷ slightly, and repeat doing so if necessary, until 1 1/2 or 2 1/2 indicator is lit on the display.
- If you do not want the alarm to turn the radio on the following day, press ❷ until the ALARM indicator on the display is 'Off'.

Wake To Buzzer



- Alarm 1 → Single beep" sound
- Alarm 2 → Double beep" sound

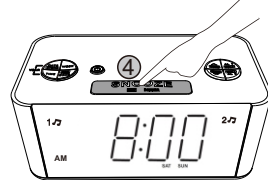


- Reconfirm the wake up time and alarm mode settings for the alarm you are using by pressing and holding ❷ (either AL 1 or AL 2)when the radio is 'Off'.
- Press ❷ slightly, and repeat doing so if necessary, until 1 1/2 or 2 1/2 indicator is lit on the display.
- At the selected wake up time the buzzer will sound gradually and continue for 1 hour, press ❶ to stop the buzzer sooner.
- If you do not want the alarm to buzzer on the following day,press ❷ until the ALARM indicator on the display is 'Off'.

Radio And Buzzer Operation

You may also set one alarm for wake to **RADIO** and the other for wake to **BUZZER**. Just press the **AL 1** and **AL 2** buttons to the desired status as shown on the **ALARM** indicators.

Snooze Alarm

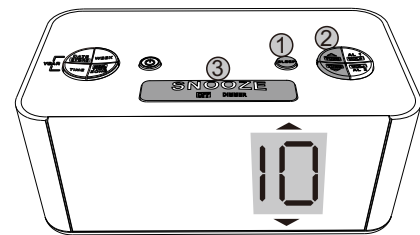


- When alarm sounds, press ❹ to snooze the alarm that will repeat nine minutes later.
- The Snooze operation may be repeated several times if desired but after one hour the alarm will not come on again.

Sure Alarm

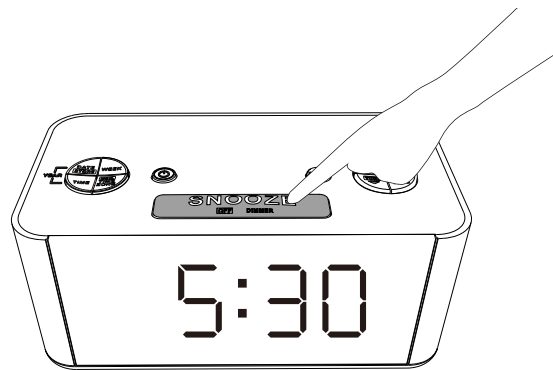
- Sure Alarm is a battery back-up buzzer alarm that can wake you up even if the power is interrupted at the selected wake up time.
- This Sure Alarm will sound for 30 seconds and then shut off automatically.
- To stop the Sure Alarm sooner, press the **RADIO ON/OFF** button (Snooze button has no effect durring Sure Alarm operation).

9 Sleep to Music Timer



- Press ❶ to turn on the sleep timer to play radio.
- Hold ❶ and press ❷ to change the display to the desired sleep time(2~90 minutes,default is 10 minutes).
- Press ❸ to cancel the sleep timer and shut the radio 'Off'.

10 3-Level Dimmer Control

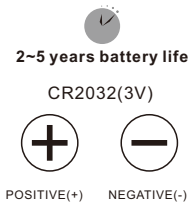
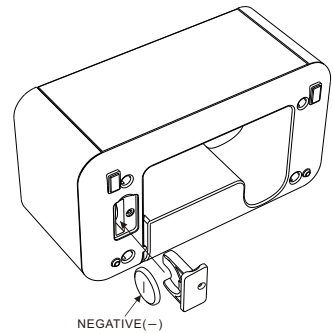


If you find the clock display is too bright in a darkened room,set the **DIMMER** by pressing **SNOOZE/SLEEP OFF** button,when Radio is 'Off'.

11 Changing The Lithium Battery



- When the **LOW BATT** indicator 'Flashes', you should change the battery that is used for backup clock and alarm setting as well as for the Sure Alarm that can wake you up even if the power is 'Off' at the selected wake up time.
- It will be 'Off' when you have changed the battery in correct instructions.

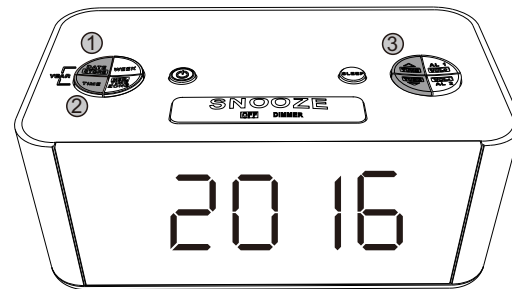


WARNING

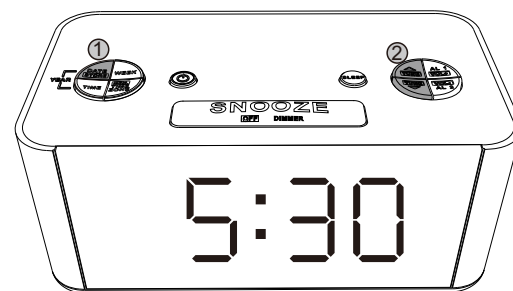
DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE. DO NOT INGEST BATTERY.CHEMICAL BURN HAZARD

This product contains a coin/button cell battery.If the coin/button cell battery 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.

12 Resetting after Total Memory Loss

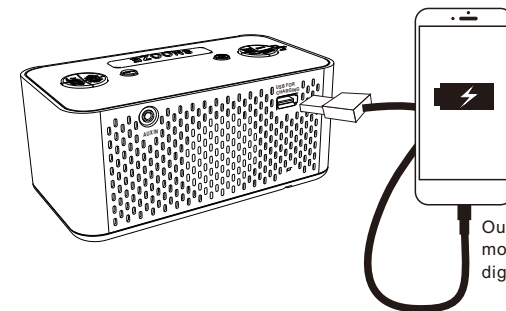


- While holding ❶ and ❷ buttons,press ❸ to set the display to the correct year, then release the buttons.



- While holding ❶,press ❷ to set the display to the correct Month and Date.
- Resetting the time and alarm please follow the instructions on **Setting The Time** and **Setting The Alarm**.

13 USB Charging



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

14 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.*
- *Battery may explode if mistreated. Do not attempt to recharge it or disassemble it. Do not dispose of the old battery in a fire.*

15 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. 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.

10-90-1402A

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: CKS1708

Serial Number: _____

