



# SmartSet® Clock Radio with Bluetooth, USB Charge Out, Dual Alarm, Multi-Color LED Décor and 1.2" Cyan LED Display

(SmartSet® Patent No. 6,567,344)

## OWNER'S MANUAL CKS8888



Visit our website at [www.emersonradio.com](http://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 DE CHOC ÉLECTRIQUE  
NE PAS OUVRIR  
WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.  
**AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR**



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 marquages sont inscrits en arrière de l'appareil. Les précautions d'emploi sont inscrites en arrière de l'appareil.

### IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions. Keep these instructions. Follow all instructions. Heed all warnings.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments / accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.
- 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.
- 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.
- 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.
- 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.
- PRÉCAUTION:** Danger d'explosion si les piles sont remplacées de façon incorrecte. Remplacer les piles seulement par le même type de pile ou l'équivalent.



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 utilisé 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 ventilations. 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 piles usagées doivent être jetées 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 Maximum recommended ambient temperature is 25°C. The socket-outlet shall be installed near the equipment and shall be easily accessible. Le socle de prise de courant doit être installé à proximité du matériel et doit être aisément accessible. L'appareil ne doit pas être exposé à des égouttements d'eau ou des éclaboussures et de plus qu'aucun objet rempli de liquide tel que des vases ne doit être placé sur l'appareil. lorsque la prise du RESEAU D'ALIMENTATION sur l'appareil est utilisée comme appareil de déconnexion, cet appareil doit demeurer aisément accessible. les batteries ne doivent pas être exposées à une chaleur excessive telle que celle du soleil, d'un feu ou d'origine similaire.

### WARNING 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.

- WARNING**
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
  - Even used batteries may cause severe injury or death.
  - Call a local poison control center for treatment information.
  - Compatible battery type: CR2032
  - Nominal battery voltage: 3.0V
  - Non-rechargeable batteries are not to be recharged.
  - Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
  - Ensure the batteries are installed correctly according to polarity (+ and -).
  - Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
  - Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
  - Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

### 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 heat, places lacking ventilation, 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, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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. This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. Thank you for purchasing this Emerson SmartSet® Dual Alarm Clock Radio. This clock uses Emerson's patented SmartSet® Automatic Time Setting System. The first time you connect this clock 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 weekend s only. There is a long life lithium battery installed in this clock when you buy it. This battery can maintain the time and alarm settings for 1 to 2 years, or even longer. We have taken every precaution to make sure this clock 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.

### 3 Preparation For Use

- Remove the clock from the carton and remove all packing material from the clock. **Save the packing material, if possible, in case the clock ever needs to be serviced or transported. The original carton and packing material is the only safe way to pack your clock to protect it from damage in transit.**
- Remove any descriptive labels, stickers or protective films on the front or top of the cabinet, if any.** Do not remove any labels or stickers from the back or bottom of the cabinet.
- Note the serial number on the bottom of your clock and write this number in the space provided on the Warranty page of this manual.
- Place your clock 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 antenna wire and extend it fully.

#### Protect Your Furniture

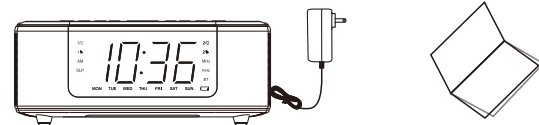
This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, 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 clock is designed to operate on normal 120V 60Hz AC power only. Do not attempt to operate the clock on any other power source. You could cause damage to the clock that is not covered by your warranty. This clock 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 clock 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 clock connected to a 'live' AC outlet at all times.

### 4 Package Contents

- CKS8888 Clock Radio x 1
- Owner's Manual

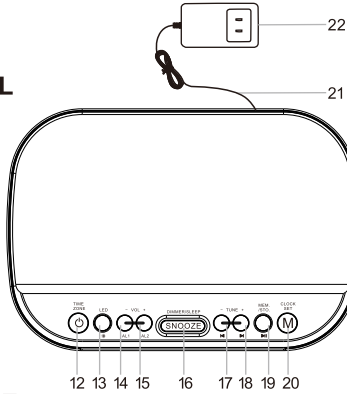


### 5 Location of Controls and Indicators

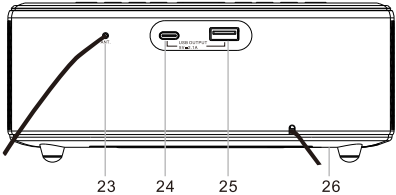
#### FRONT PANEL



#### TOP PANEL



#### REAR PANEL



1. (AL 1 'Radio') Alarm Indicator
2. (AL 1 'Buzzer') Alarm Indicator
3. AM Indicator. ('On'=AM; 'Off'=PM)
4. SLP Sleep Indicator
5. DAY OF WEEK Indicators
6. LOW BATTERY Indicator
7. BT Indicator ('Solid'=Bluetooth connected)
8. KHz AM Radio Indicator
9. MHz FM Radio Indicator
10. (AL 2 'Buzzer') Alarm Indicator
11. (AL 2 'Radio') Alarm Indicator
12. TIME ZONE/ ON/OFF ('ON'/Standby) Button
13. LED Décor Button
14. AL1 (Alarm 1) Set/VOL- Button
15. AL2 (Alarm 2) Set/VOL+ Button
16. SNOOZE /SLEEP/DIMMER (4-Level) Button
17. TUNE- Button
18. TUNE+ Button
19. MEM. (Memory) / STO. (Store) / Button
20. CLOCK SET / M (Mode) Button
21. Adapter Cable
22. AC Adapter
23. FM Antenna Wire
24. USB-C Charging Port
25. USB-A Charging Port
26. Battery Cover/Door

### 6 Setting the Time Zone

#### Initial Default Setting at Clock Mode

IMPORTANT: 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 01 — Atlantic Time | ZONE 02 — Eastern Time (Default Setting) |
| ZONE 03 — Central Time  | ZONE 04 — Mountain Time                  |
| ZONE 05 — Pacific Time  | ZONE 06 — Yukon Time                     |
| ZONE 07 — Hawaiian Time |                                          |

- Press and hold TIME ZONE, then release.
- Press TUNE- or TUNE+ to select the new zone number and resume to clock mode.
- Press TIME ZONE again to save the new zone number and resume to clock mode.



**Note:** Time zone and clock settings can only be adjusted in Standby mode, where the function of Radio and Bluetooth are disabled (i.e. indicator of KHz, MHz and BT are 'OFF').

### 7 Setting the Clock Manually

#### Checking the Current Year-Date-Day of Week-Time Settings

Press briefly the CLOCK SET button once to see the year, date in sequence. To restore time display mode, leave it idle for a few seconds.

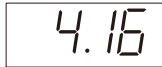
#### Setting the Year

- Press and hold the CLOCK SET button during Standby mode until the Year 'Flashes', the release the button;
- Press the TUNE- or TUNE+ button to adjust Year;



#### Setting the Date

- Press the CLOCK SET button again and release, the Month 'Flashes'.
- Press the TUNE- or TUNE+ button to adjust the Month;
- Press the CLOCK SET button again and release, the Date 'Flashes'.
- Press the TUNE- or TUNE+ button to adjust the Date; For example, April 16th will appear as '4.16';



#### Setting the Time

- Press the CLOCK SET button again and release, the Hour 'Flashes'.
- Press the TUNE- or TUNE+ button to adjust the Hour (where AM indicator 'On' is AM, 'Off' is PM);
- Press the CLOCK SET button again and release, the Minute 'Flashes'.
- Press the TUNE- or TUNE+ button to adjust the Minutes;
- Press the CLOCK SET button again to store all new settings and restore it to time display mode.



### 8 Daylight Saving and Leap Year Adjustment

All Daylight Saving Time (DST) and Leap Year adjustment 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".

#### IMPORTANT NOTES

**Turn Daylight Saving Function OFF/ON** (in Standby Mode Only)  
Daylight Saving Time is NOT observed in Hawaii, American Samoa, Guam, Puerto Rico, the Virgin Islands and in most of Arizona, with exception of the Navajo Indian Reservation in Arizona. If you do not want the clock to adjust itself automatically according to Daylight Saving Time, you can disable it by pressing and holding the TUNE- or TUNE+ buttons for about 5 seconds until "dSt" is shown on the display which means the auto Daylight Saving Time has been enabled ('On' by default). Press the TUNE- or TUNE+ button accordingly to toggle between 'OFF' and 'On' for both DST start and end dates. Leave it idle for a few seconds to store your new DST settings and resume to clock mode.  
**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.

### 9 Setting the Alarm

IMPORTANT: Alarm settings can only be adjusted in Standby mode.

Your clock radio has two separate alarms Alarm1 (AL1) and Alarm2 (AL2) that can be set and used independently. You may use the alarms to wake two persons at different times, or you may use one alarm for weekdays and the other one for weekends. Please ensure that you have set the wake up time and alarm week mode correctly.

#### Adjusting the Wake Up Time and Alarm Volume

The procedure for adjusting the wake up time is the same for both Alarm1 and Alarm2.

- Press and hold either the AL1 or AL2 button until the display changes from the current time to the Alarm1 or Alarm2 wake up time and the Hour blinks.
  - Release the AL1 (AL2) button, then press the TUNE- or TUNE+ button to adjust Hour, press the AL1 (AL2) button again to confirm the hour & the Minute blinks; press the TUNE- or TUNE+ button to adjust Minute.
  - Press the AL1 (AL2) button again to adjust Alarm Volume V01-V16 by pressing the TUNE- or TUNE+ button.
  - Press the AL1 (AL2) button again to adjust Alarm Week Mode if necessary by pressing the TUNE- or TUNE+ button.
  - Press the AL1 (AL2) button to save the new alarm setting and resume to clock mode.
- Note:** Be sure that you have set the wake up time correctly by observing the AM indicator. If the AM indicator is 'On' the wake up time is "AM". If it is 'Off', the wake up time is "PM".