

  
**CKSS7801WM**  
**SmartSet**  
**Sunrise Clock**



# Emerson CKSS7801WM SmartSet Sunrise Clock Owner's Manual

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**Emerson CKSS7801WM SmartSet Sunrise Clock**




Visit our website at [www.emersonradio.com](http://www.emersonradio.com).



# **WARNING**

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

 <p>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.</p>	<div style="border: 1px solid black; padding: 5px;"> <div style="display: flex; justify-content: space-between;">  <div style="text-align: center;"> <b>CAUTION</b>              RISK OF ELECTRIC SHOCK              DO NOT OPEN           </div>  </div> <div style="display: flex; justify-content: space-between;">  <div style="text-align: center;"> <b>ATTENTION</b>              RISQUE D'ÉLECTROCUTION              NE PAS OUVRIR           </div>  </div> <p style="font-size: small;">WARNING: SHOCK HAZARD - DO NOT OPEN AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR</p> </div> <p>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.</p> <p><b>AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR</b></p>	 <p>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.</p>
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-  This is a CLASS II apparatus with double insulation, and no protective earth provided.
- The Caution Marking and Rating plates are 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 a dry cloth.
4. Do not block any ventilation openings. Install by 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 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 the 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.
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 no objects filled with liquids, such as vases, shall be placed on the apparatus.
13. The mains plug is used as a disconnect device and it should remain readily operable during intended use. To disconnect the apparatus from the mains completely, the mains plug 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.
15. Battery cannot be subjected to high or low extreme temperatures, or low air pressure at high altitudes during use, storage, or transportation. Disposal of a battery into a fire or a hot oven, or mechanically crushing or cutting of a battery, can result in an explosion. A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

### CAUTION:

The a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.

- minimum distances of 10 cm around the apparatus for sufficient ventilation.

- the ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains, etc.
- no naked flame sources such as lighted candles should be placed on the apparatus.
- attention should be drawn to the environmental aspects of battery disposal.
- the use of apparatus in tropical and/or moderate climates.
- The maximum recommended ambient temperature is 250C.
- The socket outlet shall be installed near the equipment and shall be easily accessible.

## **WARNING**

### **DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD**

- 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.

## **WARNING**

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep them away from children. Do NOT dispose of batteries in household trash or incinerate them.
- 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 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.

## **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 STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 under 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 the receiver.
- Connect the equipment to 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 Speaker. 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 weekends 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 setup or operation of this item, please call the Emerson Consumer Products Corp., Customer Service Hotline, toll-free, at 1-[800-898-9020](tel:800-898-9020).

## 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 needs to be serviced or transported. The original carton and packing material are 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.

### 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.

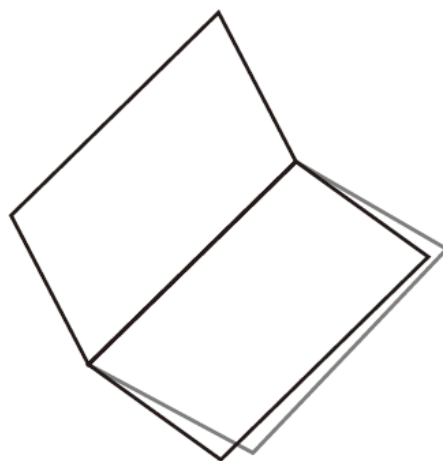
### Package Contents

- CKSS7801WM Clock Speaker x1
- Owner's Manual

CKSS7801WM Clock Speaker x1

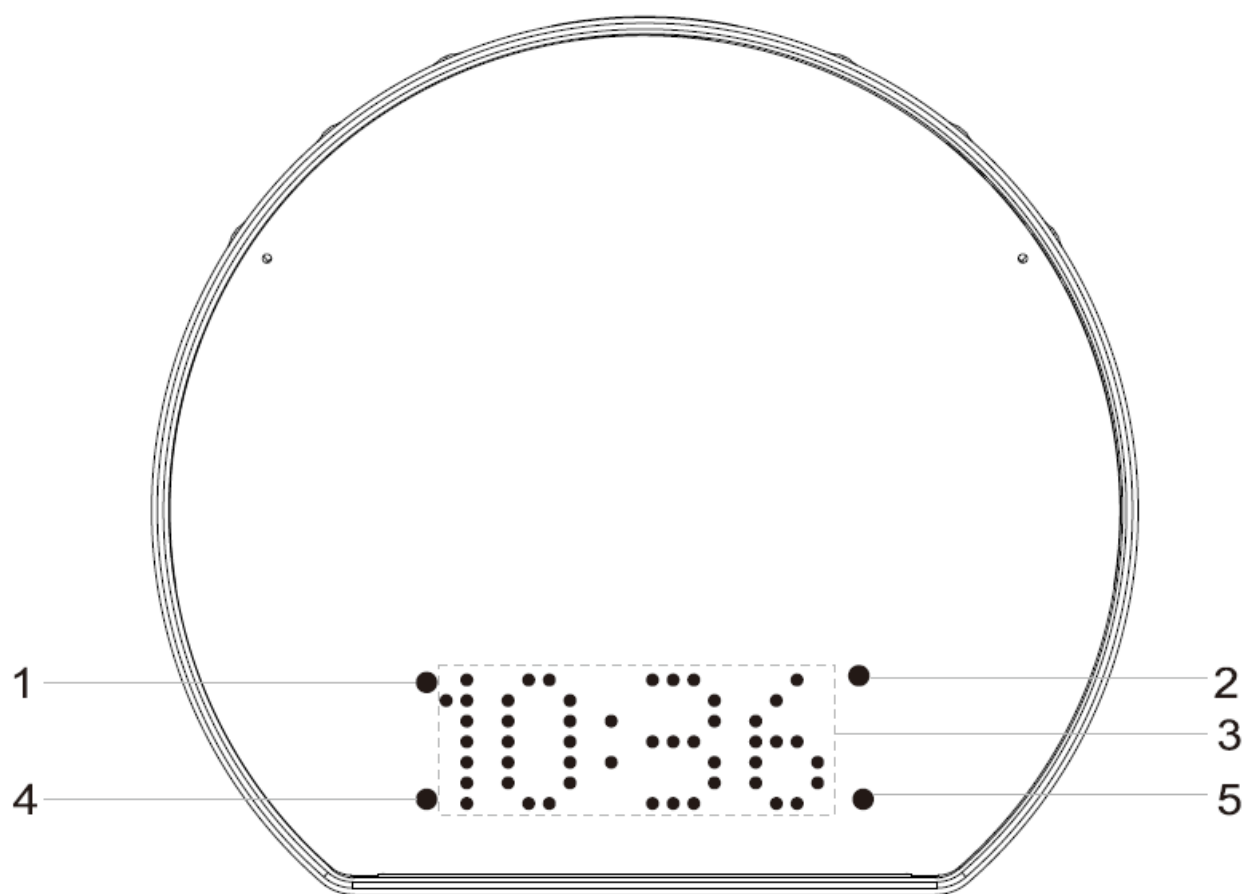


Owner's Manual

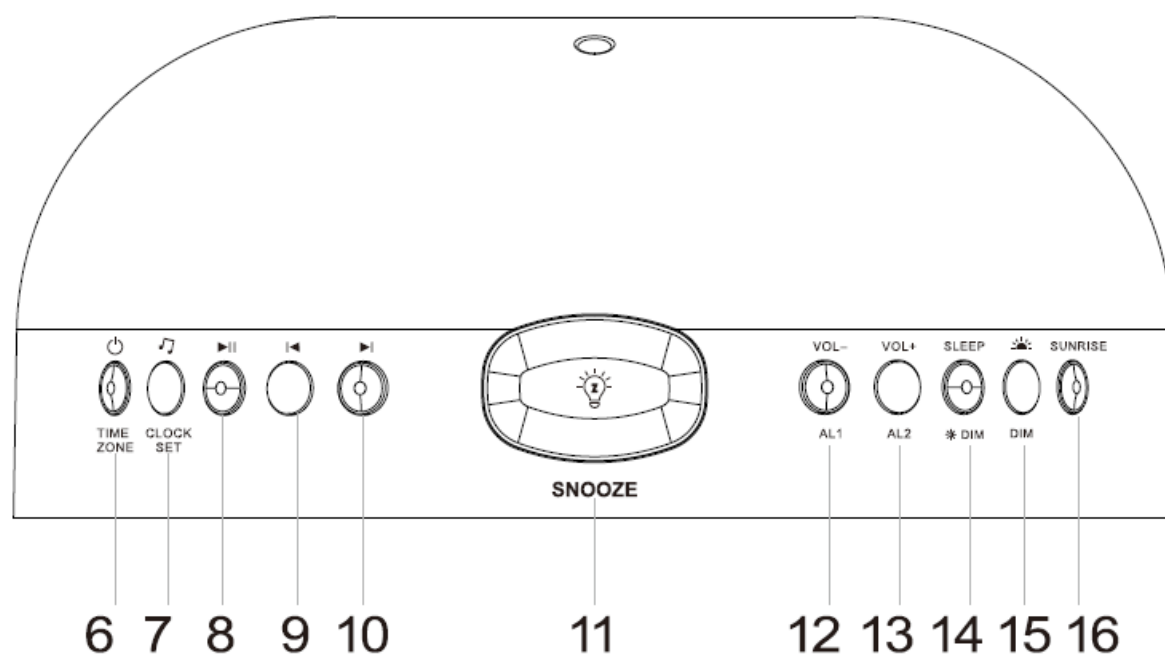


### Location of Controls and Indicators

#### FRONT PANEL

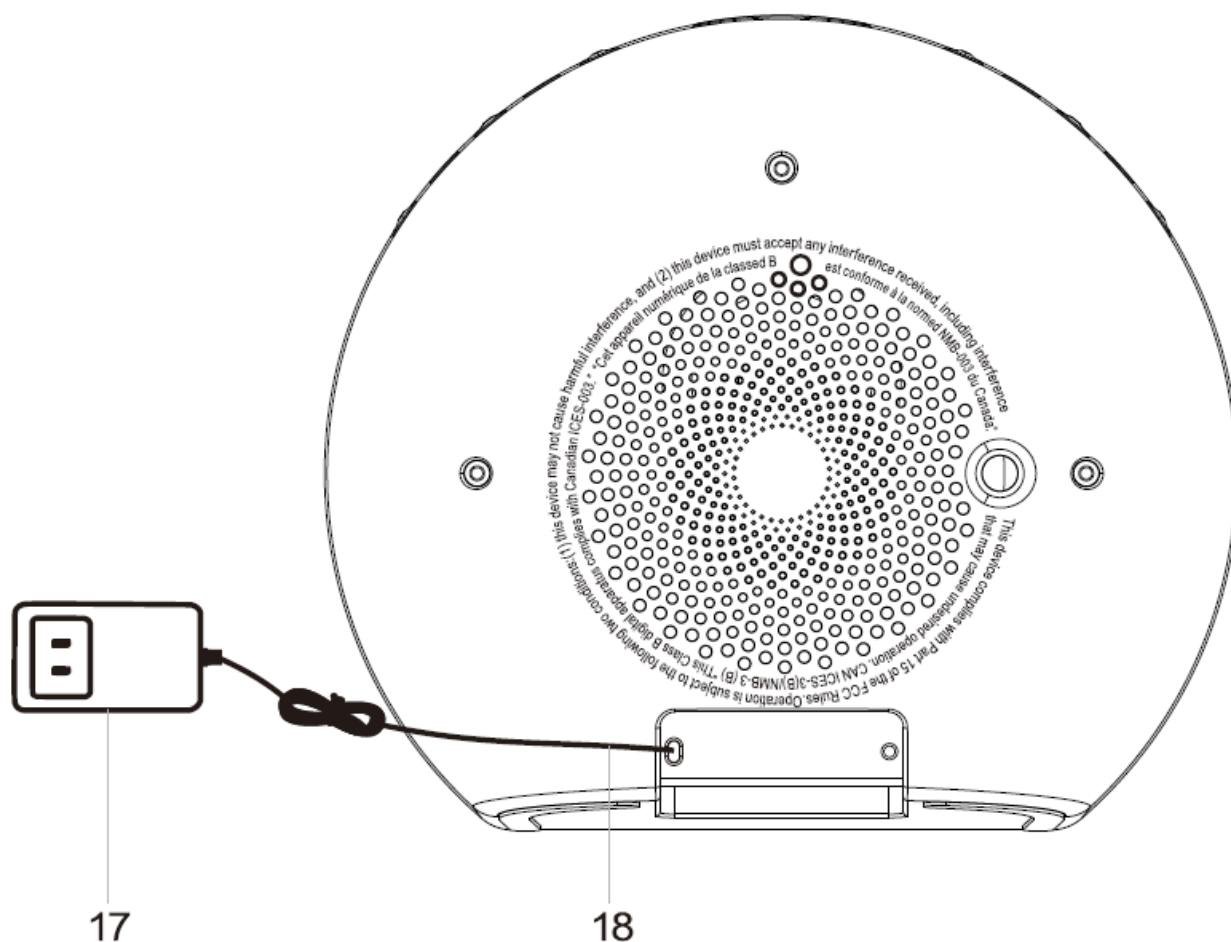


**TOP PANEL**



**REAR PANEL**





1. Bluetooth Indicator (Blue color)
2. Low Battery Indicator (Red Color)
3. LED Dot Matrix Display
4. AL 1 Indicator (White Color)
5. AL 2 Indicator (White Color)
6. TIME ZONE/ ON/OFF ('ON'/Standby) Button
7. CLOCK SET/🎵 (MODE) Button
8. ▶️|| Button
9. ⏮️ Button
10. ▶️ Button
11. SNOOZE 1 LED Décor Button
12. AL1 (Alarm 1) Set/VOL- Button
13. AL2 (Alarm 2) Set/VOL+ Button
14. SLEEP [LED DISPLAY DIMMER (3-Level) Button
15. LED Décor DIMMER (5-Level) Button
16. SUNRISE Button
17. AC Adapter
18. Adapter Cable

## 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.

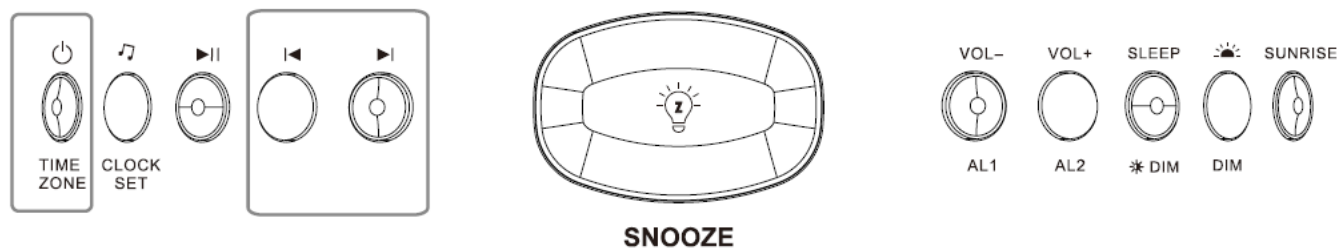
**There are 7 time zones programmed into your SmartSet clock radio as follows:**

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

1. Press and hold TIME ZONE, then release.

2. Press  or 

3. Press TIME ZONE again to save the new zone number and resume clock mode.



### Note:



Time zone and clock settings can only be adjusted in Standby mode, where the function of Bluetooth and Soothing Sound is disabled.

## 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, and date in sequence.
- To restore time display mode, leave it idle for a few seconds.

### Setting the Year

1. Press and hold the CLOCK SET button during Standby mode until the Year 'Flashes', then release the button;
2. Press the  or  button to adjust Year;







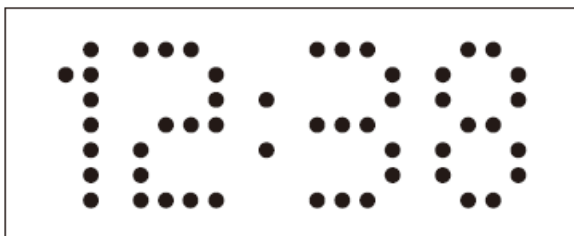
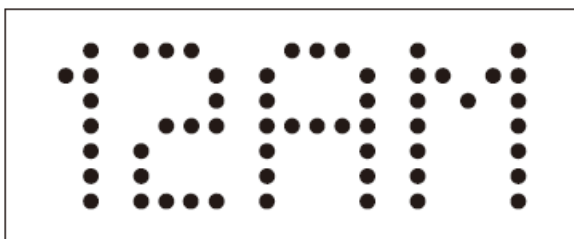
### Setting the Date

3. Press the CLOCK SET button again and release, the Month 'Flashes'.
4. Press the  or  button to adjust the Month;
5. Press the CLOCK SET button again and release, the Date 'Flashes'.
6. Press the  or  button to adjust the Date; For example, April 16th will appear as '4.16'.



### Setting the Time

7. Press the CLOCK SET button again and release, the Hour 'Flashes'.
8. Press the  or  button to adjust the Hour.
9. Press the CLOCK SET button again and release, the Minute 'Flashes'.
10. Press the  or  button to adjust the Minutes.
11. Press the CLOCK SET button again to store all new settings and restore it to time display mode.



### Daylight Saving and Leap Year Adjustment

All Daylight Saving Time (DS T) and Leap Year adjustments are made automatically by the SmartSet internal computer as follows:

1. **Start of Daylight Saving Time:**

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

## 2. End of Daylight Saving Time:

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



## 3. Leap Year:



At 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 most of Arizona, except 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  or  buttons for about 5 seconds until **DST ON** shown on the display which means the auto Daylight Saving Time has

been enabled ('ON' by default). Press the  or  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 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.

## Documents / Resources



[Emerson CKSS7801WM SmartSet Sunrise Clock](#) [pdf] Owner's Manual  
2ALCVCKSS7801WM, CKSS7801WM SmartSet Sunrise Clock, CKSS7801WM, SmartSet Sunrise Clock, Sunrise Clock, Clock

## References

- [User Manual](#)

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