



SmartSet® Clock Radio with Bluetooth, USB Charging, Dual Alarm, LED Décor, Auto Dimmer and 1.4" Orange LED Display

(SmartSet® Patent No. 6,567,344)

OWNER'S MANUAL

CKS1521



Visit our website at www.emersonradio.com

For Spanish manual, please download it from our website:
<https://www.emersonradio.com/documents/>

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

Operation Temperature: 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

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.
Conservser 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.

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 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 set up or operation of this item, please call the Emerson Consumer Products Corp., Customer Service Hotline, toll free, at 1-800-898-9020.

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 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

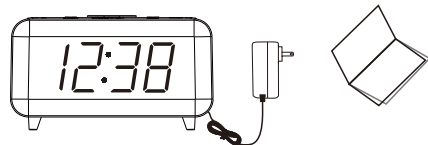
This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes,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

Package Contents

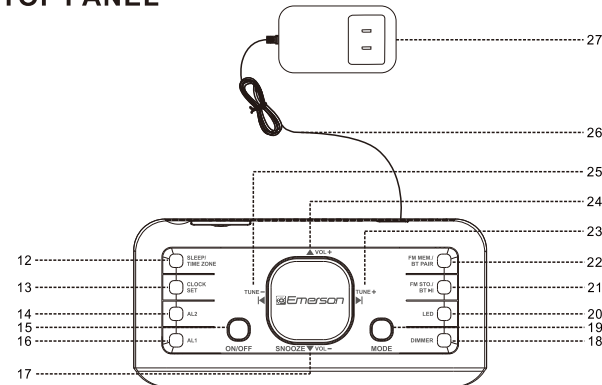
- CKS1521 Clock Radio x 1
- Owner's Manual



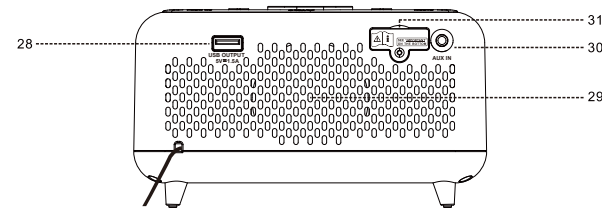
5 Location of Controls and Indicators FRONT PANEL



TOP PANEL



REAR PANEL



- 1. (AL 1 'Radio') Alarm Indicator
- 2. (AL 1 'Buzzer') Alarm Indicator
- 3. **AM** Indicator. ('On'=AM; 'Off'=PM)
- 4. **AUX** Indicator
- 5. **DAY OF WEEK** Indicators
- 6. **LED Décor**
- 7. **LOW BATTERY** Indicator
- 8. **MHz FM** Radio Indicator
- 9. **BT** Indicator ('Solid'=Bluetooth connected)
- 10. (AL 2 'Buzzer') Alarm Indicator
- 11. (AL 2 'Radio') Alarm Indicator
- 12. **SLEEP/TIME ZONE** Button
- 13. **CLOCK SET** Button
- 14. **AL2 ON/OFF/SET** Button
- 15. **ON/OFF** ('ON'=Standby) Button
- 16. **AL1 ON/OFF/SET** Button
- 17. **DOWN/VOL-/SNOOZE** Button
- 18. **DIMMER** Button
- 19. **MODE** Button
- 20. **LED Décor** Button
- 21. **FM STG. (STORE)/BT** Button
- 22. **FM MEM. (MEMORY)** /**BT PAIR** Button
- 23. **TUNE+** Button
- 24. **▲UP/VOL+ Button**
- 25. **TUNE-** Button
- 26. **Adapter Cable** (acts as FM antenna)
- 27. **AC Adapter**
- 28. **USB Charging Port**
- 29. **Speaker**
- 30. **AUX IN** Jack
- 31. **Backup Battery Holder**

6 Setting the Time Zone

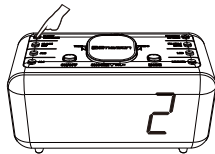
Initial Default Setting at Clock Mode

IMPORTANT: The first time you connect your new SmartSet® clock 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 time zone setting and will always return to that setting after power interruption.

There are 7 time zones programmed into your SmartSet® clock 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 (Alaska) |
| ZONE 7 -Hawaii | |

To view the current zone number, press the **TIME ZONE** button briefly and then release.



To change default time zone, press and hold the **TIME ZONE** button, and then press the or button briefly until your desired time zone appears on the display, then release all the buttons.

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

7 Setting the Clock Manually

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

Press briefly the **CLOCK SET** button repeatedly to see the cycle of year, date, day of week and time. To restore time display mode, leave it idle for 3 secs.

Setting the Year

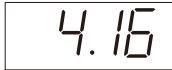
- ① Press and hold the **CLOCK SET** button until the Year 'Flashes', then release the button;
- ② Press the or button to adjust Year;



Setting the Date

- ③ Press the **CLOCK SET** button again and release, the Date 'Flashes';
- ④ Press the or button to adjust the Month;
- ⑤ Press the or button to adjust the Date;

For example, April 16th will appear as '4.16';



Setting the Time

- ⑥ Press the **CLOCK SET** button again and release, the Hour 'Flashes';
- ⑦ Press the or button to adjust the Hour (where **AM** indicator 'On' is AM, 'Off' is PM);
- ⑧ Press the or button to adjust the Minutes;
- ⑨ Press the **CLOCK SET** button again, or leave it idle for few seconds, 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

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 **LED** button for 5 secs, the display will show DST start date of current year, which means the auto Daylight Saving Time is enabled ('On' by default). Press either the or button to toggle this DST start date between 'OFF' and 'On'. Press the **LED** button again to display the DST end date of current year, which can be disabled by pressing either the or button to toggle this DST end date between 'OFF' and 'On'. Press the **LED** button briefly or leave it idle for 5 secs to save the new settings and resume to clock mode.

Leap Year:

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

9 Setting the Alarm

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

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 for Radio/Buzzer Alarm

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 blinks and change from the current time to the Alarm1 or Alarm2 wake up time.
- Release the **AL1 (AL2)** button, press the or button to adjust Hour, press the or button to adjust Minutes.
- Press the **AL1 (AL2)** button briefly, alarm volume level will display (default level V08).
- Press the **VOL-** or **VOL+** button to set the desired alarm volume level from V01 to V15 that you wish to hear when the alarm comes On gradually.
- Press the **Tune-** or **Tune +** button repeatedly to select the desired Alarm Week mode if necessary.
- Press the **AL1 (AL2)** button again to store the alarm setting.

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".