



## EMERSON CKS1521 SmartSet Alarm Clock Radio with Bluetooth Speaker User Manual

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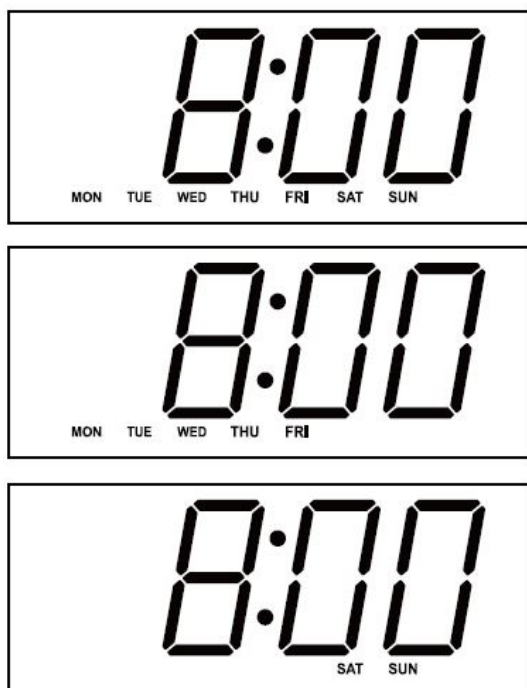




### Selecting the Alarm Week Mode

Your SmartSet clock radio allows you to select from three different alarm week modes for each alarm. The Alarm Week Modes are:

- Everyday – the alarm will turn on all 7 days
- Weekdays only- the alarm will only turn on Monday through Friday
- Weekends only – the alarm will only turn on Saturday and Sunday
- If all 7 indicators are 'On', the Everyday mode is selected.
- If only the MON (Monday) through FRI (Friday) indicators are 'On', the Weekdays only mode is selected.
- If only the SAT (Saturday) and SUN (Sunday) indicators are 'On', the Weekends only mode is selected.



### Checking the Wake Up Time and Alarm Week Mode

Press and hold the AL 1(AL2) button until the display blinks and shows the wake up time. Press the AL 1 (AL2) button to resume to clock mode.

## Activating and Deactivating the Alarm

- Press the AL1 or AL2 button repeatedly to select your desired Alarm Mode: Wake to Radio, Wake to Buzzer, or Off.
- When the '1 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 the AL1 or AL2 button repeatedly until the Radio '1 1/2' indicator or the Buzzer '1 /2 ' indicator is Off.

### Wake to Radio settings

The procedure to set the Alarm to wake to Radio is the same for Alarm 1 and Alarm 2:  
Press the ON/OFF button to turn the unit On.

- Press the MODE button and select FM Radio mode.
- Tune in or recall from memory the desired Radio station you wish to hear when the alarm comes On.

The factory default /eve/ for wake to Radio is VOB (volume increases gradually from VOO to VOB at wake-up time). For a louder alarm volume at wake-up time above VOS, please select V09 to V15 according to above Wake Up Time and Alarm Volume setting procedure.

- Turn the unit Off, and the unit goes to Standby mode for Wake to Radio alarm.

### Wake to Buzzer settings

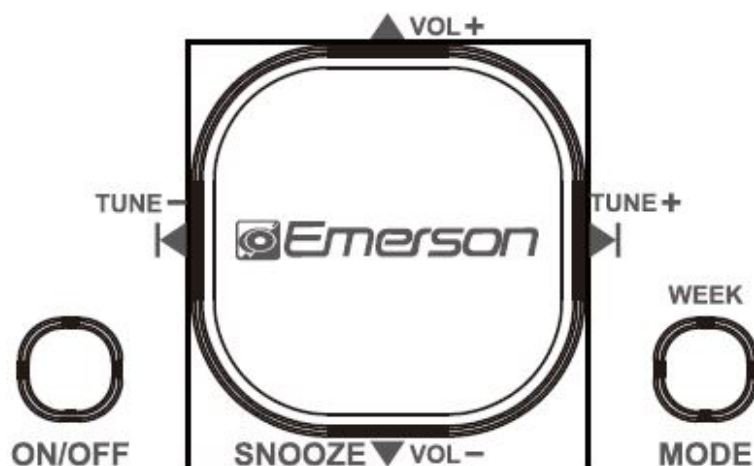
The procedure to set the Alarm to wake to Buzzer is the same for Alarm 1 and Alarm 2. The factory default level for wake to Buzzer is VOB (volume Increases gradually from VOO to VOB at wake-up time). For a louder buzzer volume level at wake-up time above VOS, please select V09 to V15 according to above Wake Up Time and Alarm Volume setting procedure.

- Turn the unit Off. The unit goes to Standby mode for Wake to Buzzer alarm.

### 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 either the ON/OFF , AL1, or AL2 button once.

**Note:** If not turned off, the Snooze Alarm will only be active for one hour. After Snooze Alarm turned Off, the alarm will come On again same time next day (depends on your Alarm Week Mode setting).

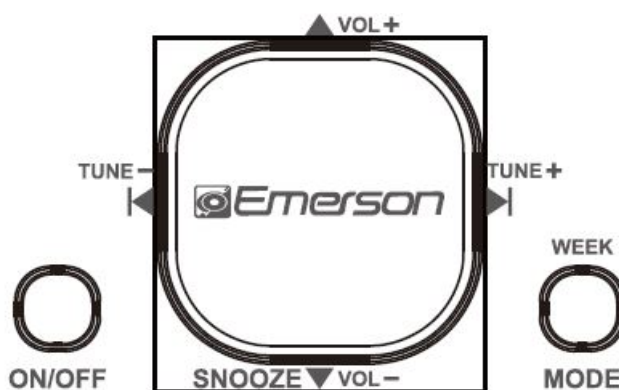


## Listening to FM Radio

- For better reception, fully extend and adjust the position and direction of the AC adapter cord that acts as an FM antenna.
- Press the ON/OFF button to turn the unit from Standby mode to On.
- Press the MODE button repeatedly until the MHz indicator turns 'On', and the FM station frequency displays.
- Set the VOLUME by pressing the VOL+ or VOL – button to a level that suits your needs.
- When you finish listening to radio, press the ON/OFF button to turn the radio Off. The MHz indicator will then turn 'Off'.

## Receive your desired station with the TUNING control:

- Press the TUNE+ / TUNE – button briefly, the receiving frequency will increase / decrease by one step.
- Press and hold the TUNE+ / TUNE – button for 3 seconds then release, Auto Station Seeking will be engaged, the receiving frequency will increase / decrease automatically until a station with acceptable reception is found.



## Storing and Recalling Radio Station Memory Manually

When you have a few favorite radio stations to listen to, you may like to save them in specific memory locations and pick one of them in a few seconds without the need of searching it each time. Our digital tuning technology allows you to do this easily by following the steps listed below:

### Storing Station to the Memory

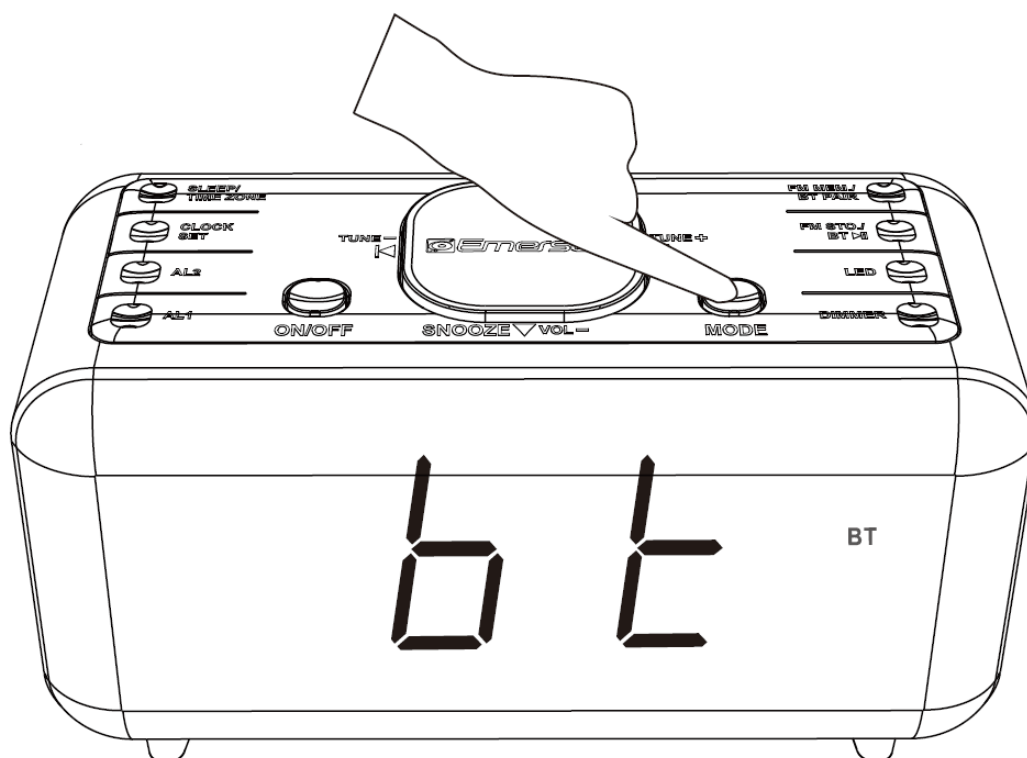
- Turn the unit On and select Radio mode (MHz indicator 'On').

- Tune in the desired station by the TUNING control as described.
- Press and hold the FM STO. button (for 2 seconds) until 'P XX' blinks, indicating the memory location to store the station currently tuned in.
- While 'P XX' is blinking, press the TUNE+ or TUNE – button can change the memory location from 1 through 20. For example, 'P 03' means the current listening station is about to be stored into the 3rd location of the memory.
- After deciding the memory location, press the FM STO. button again, the currently listening station is then stored accordingly.
- The display will show the frequency of the station, and after a few seconds, it will restore the current time.

#### Recalling Station from the Memory

- Turn the unit On and select Radio mode.
- Press the FM MEM. button, 'P XX' shows on the display, and the station according to the memory location will then be tuned in.
- Repeatedly pressing the FM MEM. button or the TUNE+/ TUNE – button will change the memory location from 1 through 20, and the station stored in the location will then be tuned in once the memory location is selected and all buttons released.
- The display will show the frequency of the station, and then returns to the current time after a few seconds.

#### Listening to Bluetooth Speaker



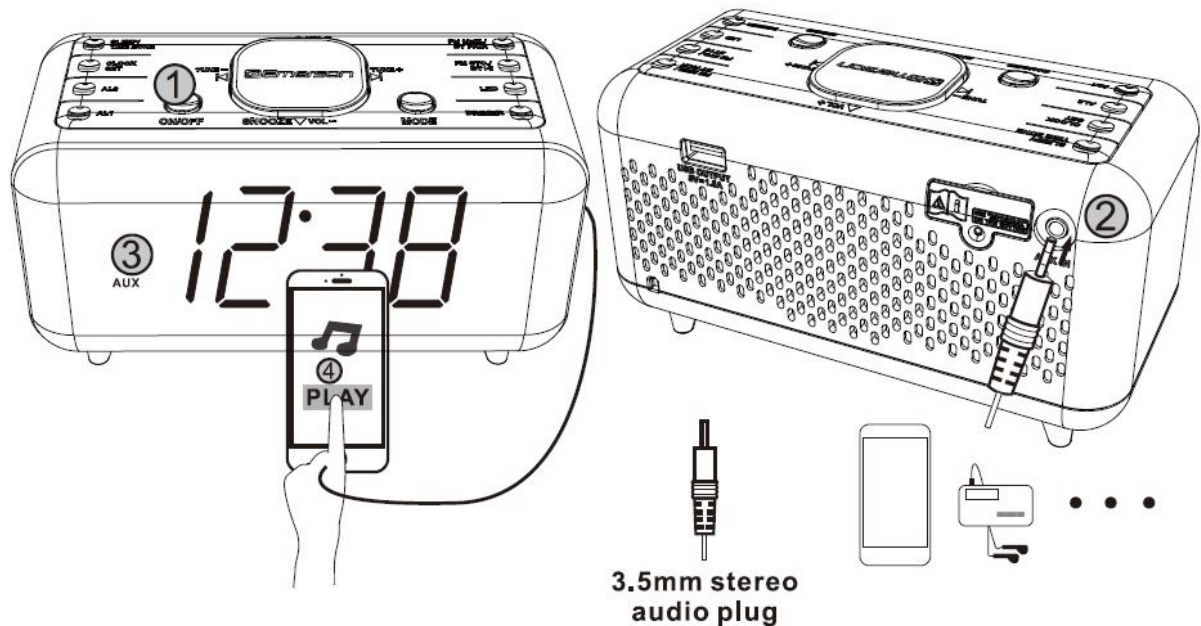
- Press the ON/OFF button to turn the unit ON.
- Press the MODE button to select Bluetooth (bt) mode (BT indicator 'Flashes' for pairing).
- Enable your Bluetooth device and select CKS1521 from its Available/Paired device list. If pairing successful, the unit will prompt and BT indicator will become solid.
- Automatic connection with your Bluetooth devices is possible if they have been paired successfully with this

unit before.

- After paired, you can play your music through this Bluetooth Speaker.
- Press briefly the BT HI button can pause or resume playback streaming over your Bluetooth device.

**Note:** If pairing is unsuccessful, all previously paired Bluetooth devices around should be disconnected first by pressing and holding the BT PAIR button until it prompts, or by turning Off their Bluetooth connection, in order to avoid making any auto reconnection between them. Then, set this unit to Bluetooth mode, and tap the Bluetooth switch on your phone/device Off and back On again to refresh/search any nearby CKS1521 for pairing.

## Enjoying Audio Sources via AUX IN Jack



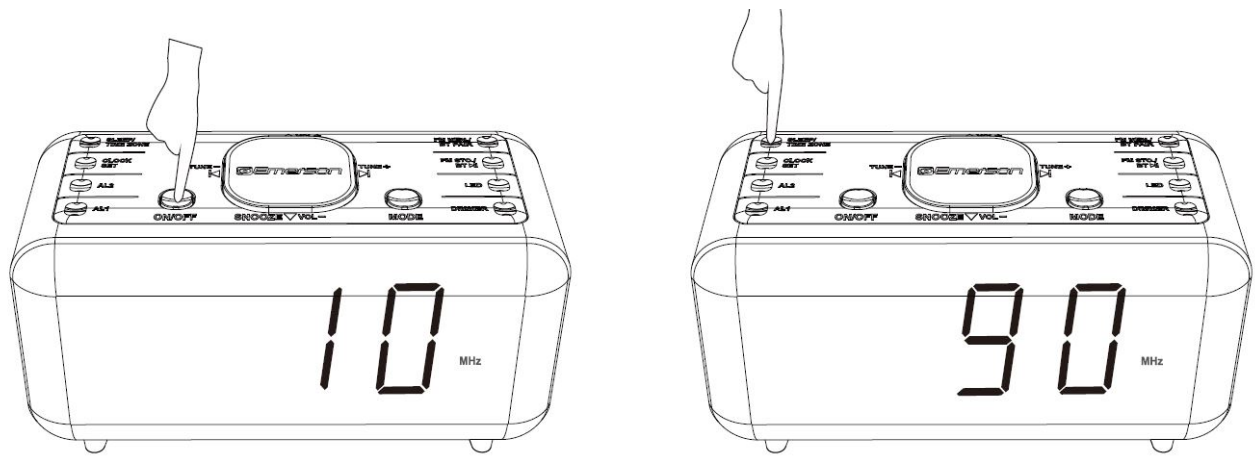
This clock radio is equipped with an AUX IN jack for you to enjoy iPod, MP3 music player or other audio sources.

- Connect your iPod, MP3 player or other audio source from its earphone jack to the AUX IN jack of this unit via an audio cable (not included) with both ends in 3.5mm stereo plug.
- AUX indicator will light on after you power on the unit and change to AUX mode by pressing the MODE button.
- Start to play iPod, MP3 music player or other audio player, and set the player volume to its maximum when necessary.
- Adjust the volume of this clock radio to meet your desired level as well.

**Note:** When alarm time comes, music playing through the AUX IN jack will be muted, and Wake-To-Music or Wake-To-Buzzer can only be heard according to your alarm setting.

## Sleeping to Music Timer

Press the ON/OFF button to turn ON the unit, and press the MODE button to select either FM Radio, Bluetooth or AUX mode to play music or listen to radio.



- Press the SLEEP button. The display will show the sleep timer.
- Press the SLEEP button repeatedly to choose your desired sleep timer (10-90 minutes or OFF).

**Note:** When you change the sleep timer from the 10-minute default timing to a different setting, this new setting becomes the default timing.

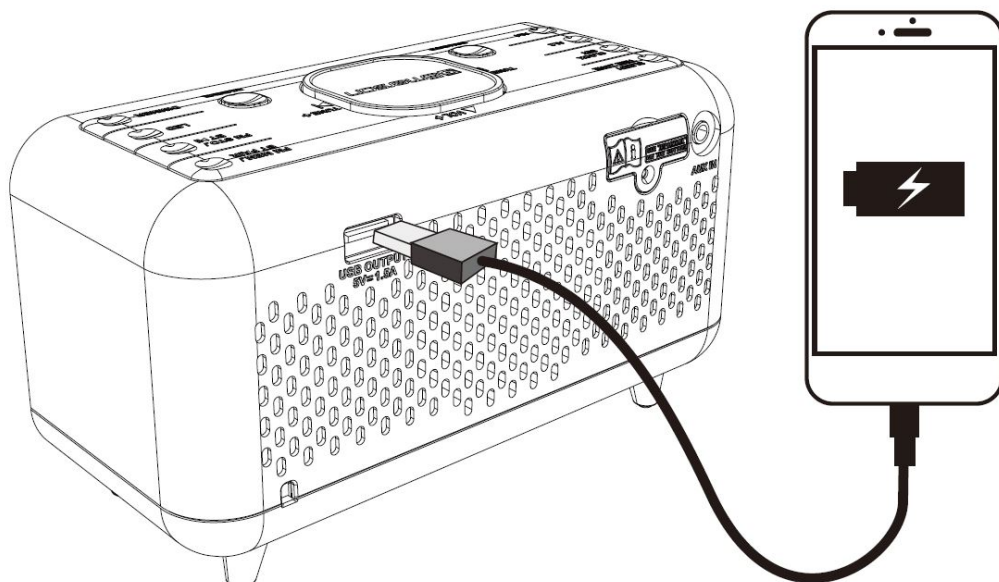
- To display the sleep timer during count down process, press the SLEEP button.
- To cancel the sleep timer during count down process, press the ON/OFF button to shut Off the unit.

## USB for Charging

This clock radio has a USB port at the back, which can provide up to 5V 1.5A to charge devices like smartphones, tablets, etc., via a USB cable (not provided).

**Note:** Electrical energy drawn from the USB port may vary due to different charging cable condition, battery characteristic or power management system of your device being charged.

Over current protection may occur, such as power shut down, when your device overdraws extremely high charging current (over 1.5A) from this USB port. However, such over current protection can be recovered once your device is disconnected from this USB port or having the loading current reduced.





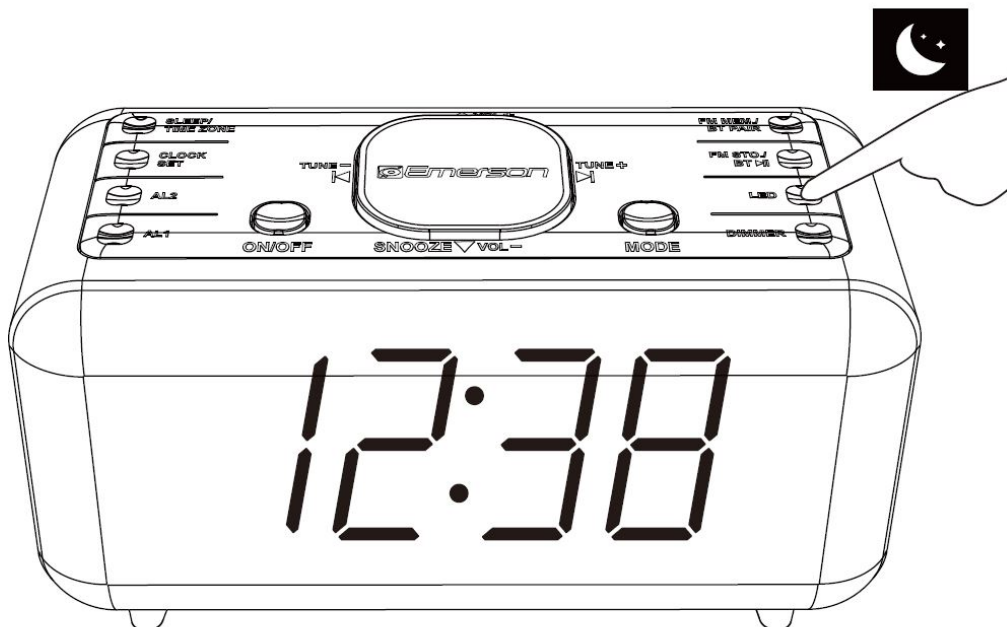
## Auto Dimmer and 3-Level Dimmer Control

Press the DIMMER button while in standby mode to select any of the three levels L-3 (high), L-2 (medium) and L-1 (low). To use Automatic Dimmer function, press the DIMMER button repeatedly until it displays 'AU'. It will then automatically adapt clock display brightness based on ambient lighting conditions to make display appear consistent in different environments without the need of pressing the DIMMER button manually. It also can be adjusted when the Bluetooth, Radio or AUX is On.



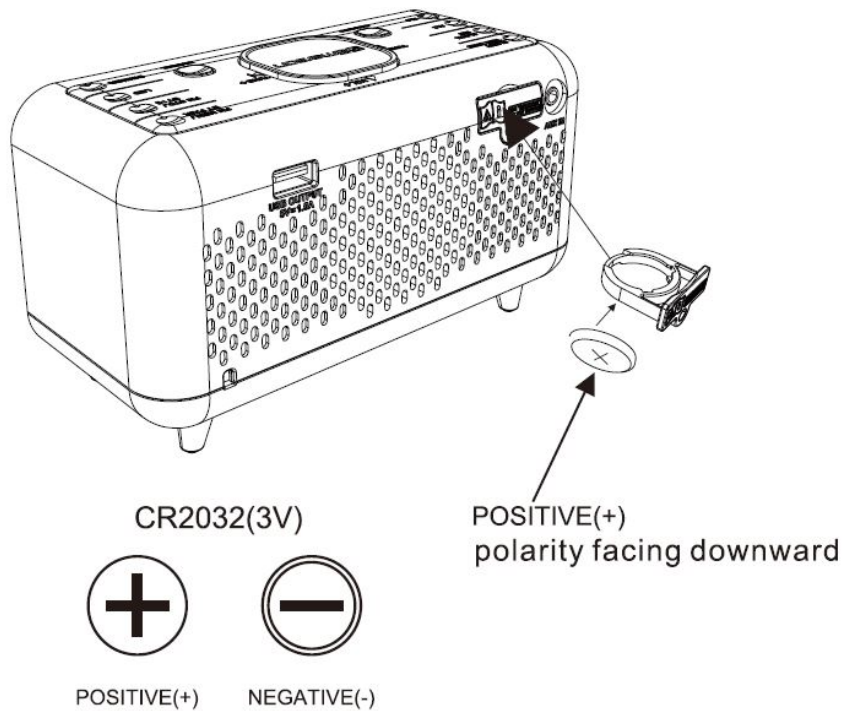
## 2-Level LED Decor

Press the LED button to turn the night LED ON (high/low level) or OFF when needed.



## Changing the Lithium Battery





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.

- Leave the AC adapter connected to your AC outlet to retain memory while the original battery is removed.
- 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.

## WARNING

DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.

## 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.

## IC Information

This device complies with Industry Canada License-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

## Specifications

- **AC Power Supply:** AC 120V 60Hz 15W.
- **Battery Backup:** CR2032 Lithium Metal Battery.
- **Output Power:** 1 Watt (4Ω Speaker) @10% THD.
- **Tuner Range | Preset Stations:** FM 87.5~108MHz | 20 stations.
- **Bluetooth Technology | Range:** 5.1 | 32.8 ft (10 m) in free space.
- **USB Port Charging Output:** DC 5V / 1.5A.
- **Operating Temperature:** 32~104°F (0~40°C).
- **Dimensions:** 6.22"W x 2.95"D x 3.54"H (158W x 75D x 90H mm).

Specifications are subject to change without notice.

## 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 om 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:

1. Damage to equipment not properly connected to the product.

2. Cost incurred in the shipping of the product to and from Emerson's Return Facility.
3. 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.
4. Ordinary adjustments to the product which can be performed by customer as outlined in the owner's manual.
5. Signal reception problems caused by external antenna or cable systems.
6. Products not purchased in the United States.
7. 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.

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: CKS1521**

**FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE  
PLEASE CALL: 1-800-898-9020**

**FOR CUSTOMER SERVICE. PLEASE E-MAIL TO:**

[internet@emersonradio.com](mailto:internet@emersonradio.com)

OR WRITE TO:

Emerson Radio Corp.

Consumer Affairs Dept.

35 Waterview Blvd

Parsippany, NJ 07054

[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Documents / Resources



[EMERSON CKS1521 SmartSet Alarm Clock Radio with Bluetooth Speaker](#) [pdf] User Manual

CKS1521N, 2ALCVCKS1521N, CKS1521, SmartSet Alarm Clock Radio with Bluetooth Speaker , CKS1521 SmartSet Alarm Clock Radio with Bluetooth Speaker