

Emerson CKS1521

Emerson CKS1521 SmartSet Bluetooth Dual Alarm Clock Radio

User Instruction Manual

1. INTRODUCTION

The Emerson CKS1521 SmartSet Bluetooth Dual Alarm Clock Radio is designed to provide convenient timekeeping, alarm functions, and audio playback. It features an orange LED display, Bluetooth connectivity, FM radio, and a USB charging port.

Key Features:

- **SmartSet Auto Time Setting System:** Automatically sets year, month, day, and time, including Daylight Saving adjustments.
- **Bluetooth 5.1 Wireless Connectivity:** Seamlessly pair smartphones and tablets for audio streaming.
- **Bold 1.4" Orange LED Display with Dimmer:** Offers three brightness levels and one auto-dim mode for optimal visibility.
- **Dual Alarm with Custom Modes:** Set two independent alarms with options for weekday, weekend, or daily schedules, and choose between radio or buzzer wake-up.
- **USB Charging Port:** Conveniently charge mobile phones or other devices (5V/1.5A output).
- **AUX Input:** Connect external audio devices for expanded listening options.
- **FM Radio:** Digital tuner with 20 station memory presets.
- **2-Level Orange Night Light:** Provides subtle ambient lighting.

2. SETUP

2.1 Unpacking and Placement

Carefully remove the unit from its packaging. Place the clock radio on a stable, flat surface, away from direct sunlight, heat sources, or excessive dust and moisture.

2.2 Power Connection

Plug the AC power cord into a standard wall outlet. The SmartSet system will automatically set the correct time, date, and year upon initial power-up. Ensure the backup battery (if applicable, typically pre-installed or user-installable) is in place to preserve settings during power outages.

2.3 Initial Time and Date Setting (if needed)

While the SmartSet feature automatically sets the time, you may need to adjust the time zone or manually set the time if the automatic setting is incorrect for your region.

1. Press and hold the **CLOCK SET** button. The display will flash.
2. Use the **TUNE +/-** buttons to adjust the hour. Press **CLOCK SET** to confirm.
3. Use the **TUNE +/-** buttons to adjust the minute. Press **CLOCK SET** to confirm.
4. Continue to follow the prompts to set the year, month, and day using the **TUNE +/-** buttons and confirming with **CLOCK SET**.

For time zone adjustment, press and hold the **SLEEP/TIME ZONE** button and use **TUNE +/-** to select your time zone.

3. OPERATING INSTRUCTIONS

3.1 Display Brightness (Dimmer)

The display has multiple brightness levels. Press the **DIMMER** button repeatedly to cycle through the brightness settings (Bright, Dim, Invisible, Auto-Dim).

EASY-TO-READ, ORANGE JUMBO LED TIME DISPLAY



Image: The display showing different brightness levels (Bright, Dim, Invisible).

3.2 Setting Alarms

The unit features dual alarms (AL1 and AL2).

1. Press and hold **AL1 SET** or **AL2 SET**. The alarm time will flash.
2. Use **TUNE +/-** to adjust the alarm hour, then press the respective **AL SET** button to confirm.
3. Use **TUNE +/-** to adjust the alarm minute, then press the respective **AL SET** button to confirm.
4. Select the alarm source (Buzzer or FM Radio) using **TUNE +/-**, then press the respective **AL SET** button to confirm.
5. Choose the alarm mode (Everyday, Weekday, or Weekend) using **WEEK** button, then press the respective **AL SET** button to confirm.

To activate or deactivate an alarm, press the **AL1 SET** or **AL2 SET** button briefly. An alarm icon will appear on the display when active.

3.3 FM Radio Operation

1. Press the **ON/OFF** button to turn on the radio.
2. Press the **SOURCE** button to select FM mode.
3. Use **TUNE +/-** to manually tune to a station, or press and hold **TUNE +/-** for auto-scan.
4. To save a preset: Tune to the desired station, then press and hold **FM STO./BT II**. Use **TUNE +/-** to select a preset number (P01-P20), then press **FM STO./BT II** again to save.

5. To recall a preset: Press **FM MEM./BT PAIR** repeatedly to cycle through saved stations.

3.4 Bluetooth Pairing and Playback

1. Press the **ON/OFF** button to turn on the unit.
2. Press the **SOURCE** button to select Bluetooth (BT) mode. The BT icon will flash on the display.
3. On your Bluetooth-enabled device, search for "Emerson CKS1521" and select it to pair.
4. Once paired, the BT icon will stop flashing and remain solid. You can now stream audio from your device.
5. Use the **VOL +/-** buttons on the clock radio or your connected device to adjust the volume.



Image: The Emerson CKS1521 clock radio displaying time with a smartphone connected via Bluetooth, indicating audio streaming capability.

3.5 USB Charging

Connect your mobile device's USB charging cable to the USB port on the back of the clock radio. The port provides 5V/1.5A output for charging.



Image: The Emerson CKS1521 clock radio with a smartphone connected and charging via the integrated USB port.

3.6 AUX Input

Connect an external audio device (e.g., MP3 player) to the AUX IN jack on the back of the unit using a 3.5mm audio cable. Press the **SOURCE** button to select AUX mode.

3.7 Night Light

The unit features a 2-level orange night light located at the base. Press the **LED** button to cycle through the night light brightness levels.



Image: The Emerson CKS1521 clock radio in a dark room, highlighting the orange LED display and accent light, demonstrating the night light feature.

4. MAINTENANCE

4.1 Cleaning

To clean the unit, use a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents as these may damage the surface. Avoid spraying liquids directly onto the unit.

4.2 Battery Replacement (Backup Battery)

The unit uses a backup battery (type not specified in provided data, typically CR2032 or similar) to maintain time and alarm settings during power outages. If settings are lost during a power interruption, replace the backup battery. Refer to the battery compartment for specific battery type and replacement instructions.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Unit is unplugged, power outage, dimmer setting too low.	Ensure power cord is securely plugged in. Check household circuit breaker. Press DIMMER button to adjust brightness.
Time is incorrect.	Time zone incorrect, SmartSet not activated, or backup battery depleted.	Adjust time zone using SLEEP/TIME ZONE button. Manually set time if necessary. Replace backup battery.

Problem	Possible Cause	Solution
Alarm does not sound.	Alarm not activated, volume too low, or incorrect alarm mode.	Ensure alarm icon is displayed. Increase volume. Check alarm mode (Everyday, Weekday, Weekend).
Cannot pair Bluetooth device.	Unit not in BT mode, device too far, or previously paired device connected.	Press SOURCE to select BT mode. Ensure device is within 10M range. Disconnect from other BT devices. Try resetting both devices.
USB charging causes display issues.	Potential power fluctuation or specific device incompatibility.	Try a different USB cable or device. If the issue persists, avoid using the USB charging port if display stability is critical.
Poor FM radio reception.	Antenna not extended or poor signal area.	Fully extend the FM wire antenna. Reposition the unit for better reception.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	8.25"L x 3.38"W x 4"H
Item Weight	1.05 pounds
Model Number	CKS1521
Connectivity Technology	Bluetooth 5.1
Display Technology	LED (Orange)
Tuner Technology	FM
Power Source	Corded Electric
USB Output	5V/1.5A
Included Components	Clock, Owners Manual



Image: Diagram showing the dimensions of the Emerson CKS1521 clock radio (6.2" x 2.9" x 3.5").

7. WARRANTY AND SUPPORT

This Emerson product is covered by a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details.

For technical support, troubleshooting assistance, or warranty claims, please contact Emerson customer service. Contact information can typically be found on the manufacturer's website or in the product packaging.

Online Resources: For additional support and frequently asked questions, visit the official Emerson website: www.emersonradio.com