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Emerson CK2023

Emerson CK2023AM/FM Dual Alarm Clock Radio

INSTRUCTION MANUAL

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Emerson CK2023AM/FM Dual Alarm Clock Radio. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience.

Key features of your new alarm clock radio include a 0.6-inch blue LED display, dual alarm functionality with wake-to-radio or buzzer options, a programmable sleep-to-music timer, and a convenient 4-level dimmer control for the display.



This image shows the Emerson CK2023AM/FM Dual Alarm Clock Radio from a front-angled perspective, highlighting its black finish and the clear blue LED display. The display currently shows '12:38 AM' and indicators for two alarms and radio frequency.

Setup

1. Unpacking

Carefully remove the alarm clock radio from its packaging. Ensure all components, including the main unit and power adapter, are present and undamaged.

2. Power Connection

Connect the power adapter to the DC input jack on the back of the unit, then plug the adapter into a standard AC wall outlet. The unit is designed for corded electric operation.

3. Battery Backup Installation (Optional)

For backup power during outages, install two (2) AA batteries (not included) into the battery compartment located on the bottom of the unit. Ensure correct polarity (+/-) as indicated inside the compartment. These batteries will maintain time and alarm settings during a power interruption but will not power the display or radio functions.

4. Initial Time Setting

Upon first power-up, the display may flash. To set the current time:

1. Press and hold the **CLOCK SET** button until the hour digits begin to flash.
2. Use the **TUNE +** or **TUNE -** buttons to adjust the hour. Pay attention to the AM/PM indicator.
3. Press the **CLOCK SET** button again; the minute digits will flash.
4. Use the **TUNE +** or **TUNE -** buttons to adjust the minutes.
5. Press **CLOCK SET** once more to confirm the time.

5. Time Zone Adjustment

If necessary, press the **TIME ZONE** button to cycle through available time zones until the correct one is displayed.

Operating Instructions



A close-up view of the top panel buttons on the Emerson CK2023AM/FM Dual Alarm Clock Radio, with clear labels for functions like TIME ZONE, CLOCK SET, AL1, AL2, STO., MEM., SNOOZE/DIM/SLEEP, TUNE+/-, and VOL+/-.

1. Power On/Off

Press the **ON/OFF** button to turn the unit on or off.

2. Setting Alarms (AL1 and AL2)

The unit features two independent alarms. To set an alarm:

1. Press and hold the **AL1** or **AL2** button until the alarm hour digits flash.
2. Use the **TUNE +** or **TUNE -** buttons to adjust the alarm hour. Observe the AM/PM indicator.
3. Press the **AL1** or **AL2** button again; the minute digits will flash.
4. Use the **TUNE +** or **TUNE -** buttons to adjust the alarm minutes.
5. Press the **AL1** or **AL2** button again to select the alarm source: **Buzzer** or **Radio**.
6. Press the **AL1** or **AL2** button one last time to confirm the alarm setting. The corresponding alarm indicator (1 or 2) will appear on the display.

3. Snooze and Alarm Off

- When an alarm sounds, press the **SNOOZE/DIM/SLEEP** button to temporarily silence it for a few minutes. The alarm will sound again after the snooze period.
- To turn off a sounding alarm completely, press the corresponding **AL1** or **AL2** button. The alarm will reset for the next day.

4. Radio Operation



The alarm clock radio is shown on a table next to a coffee cup, with a graphic overlay indicating FM radio frequencies (FM 108.0, FM 88.4, FM 76.0), demonstrating its radio functionality.

- Press the **ON/OFF** button to turn on the radio.

- Press the **BAND** button to switch between AM and FM bands.
- Use the **TUNE +** or **TUNE -** buttons to manually tune to your desired station. Press and hold these buttons for automatic scanning to the next clear station.
- Adjust the volume using the **VOL +** or **VOL -** buttons.

5. Saving Radio Presets

To save a favorite radio station:

1. Tune to the desired station.
2. Press the **STO.** button. A preset number will flash on the display.
3. Use the **TUNE +** or **TUNE -** buttons to select the desired preset number (e.g., P01, P02).
4. Press the **STO.** button again to confirm and save the station.
5. To recall a saved station, press the **MEM.** button repeatedly to cycle through your presets.

6. Sleep-to-Music Timer

To fall asleep to the radio:

1. While the radio is playing, press the **SNOOZE/DIM/SLEEP** button repeatedly to cycle through sleep timer durations (e.g., 90, 60, 30, 15, 10 minutes).
2. The radio will automatically turn off after the selected time.

7. Display Dimmer Control



This composite image illustrates the four-level dimmer control feature of the alarm clock radio, showing the display brightness at high, medium, and low settings for optimal visibility in various lighting conditions.

To adjust the brightness of the blue LED display, press the **SNOOZE/DIM/SLEEP** button when the radio is off. Each press will cycle through the four available brightness levels (High, Medium, Low, Off).

Maintenance

1. Cleaning

To clean the unit, use a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents as these may damage the finish. Ensure the unit is unplugged before cleaning.

2. Battery Replacement

If the backup batteries are depleted, the time and alarm settings may be lost during a power outage. Replace the two (2) AA batteries in the battery compartment on the bottom of the unit, ensuring correct polarity. Dispose of old batteries responsibly.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Power adapter not connected or outlet is not active.	Ensure the power adapter is securely plugged into the unit and a working wall outlet.
Display is blank or dim.	Dimmer setting is too low or off.	Press the SNOOZE/DIM/SLEEP button (when radio is off) to adjust the display brightness.
Alarm does not sound.	Alarm not set, alarm volume too low, or alarm is set to radio but radio reception is poor.	Verify alarm settings (AL1/AL2), ensure alarm indicator is visible, check volume, and confirm radio reception if using wake-to-radio.
Poor radio reception.	Antenna not extended or unit is in a poor reception area.	Fully extend the FM wire antenna. For AM, try repositioning the unit. Avoid placing near other electronic devices that may cause interference.
Cannot set time or alarms.	Incorrect button sequence or unit is in an unresponsive state.	Refer to the 'Setup' and 'Operating Instructions' sections for correct button sequences. If unresponsive, unplug the unit for a few minutes, then plug it back in to reset.

Specifications



This image provides a visual representation of the compact size of the Emerson CK2023AM/FM Dual Alarm Clock Radio, with its dimensions clearly marked as 5.2 inches wide, 2.2 inches deep, and 1.97 inches high.

Brand: Emerson

Model: CK2023

Display Type: Digital LED (Blue)

Display Size: 0.6 inches

Power Source: Corded Electric

Battery Backup: 2 x AA batteries (not included)

Product Dimensions: 5.2" W x 2.2" D x 1.97" H

Item Weight: 8.8 ounces

Color: Black

Material: Plastic

Special Features: Dual Alarm, AM/FM Radio, 4-Level Dimmer, Snooze, Sleep Timer

Warranty Information

This Emerson product is covered by a 90-day warranty with valid proof of purchase. For specific terms and conditions, please refer to the warranty card included with your product or contact Emerson customer support.

Support

For further assistance, technical support, or warranty claims, please contact Emerson customer service. Contact

information can typically be found on the product packaging or on the official Emerson website.