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VAUNO EN8835-1

VAUNO Digital Alarm Clock with FM Radio User Manual

Model: EN8835-1 | Brand: VAUNO

1. Introduction

Thank you for choosing the VAUNO Digital Alarm Clock with FM Radio. This device combines a precise digital clock with an FM radio, adjustable LED display, and convenient alarm functions. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.



Image 1.1: The VAUNO Digital Alarm Clock, showcasing its sleek design and clear LED display.

2. Product Features

- **Accurate Timekeeping:** Utilizes advanced chip technology for precise time display.
- **Adjustable LED Display:** 5.1-inch LED display with 3 levels of brightness (Bright, Medium, Dim) and an automatic

night mode.

- **FM Radio:** Frequency coverage of 76-108MHz with automatic scanning and storage of channels.
- **Sleep Timer:** Programmable sleep timer for the FM radio (5 to 90 minutes).
- **Dual Alarm Function:** Set two independent alarms with optional radio or buzzer sound.
- **Snooze Function:** Easy-to-find snooze button for extended sleep (5-60 minutes).
- **Two Power Supply Modes:** Operates via DC 5V USB power cord (adapter not included) or 3x AAA batteries (not included) for backup.
- **Mirror Display:** The display surface can also function as a make-up mirror when the clock is off or dim.

3. Package Contents

- VAUNO Digital Alarm Clock
- USB Power Cable (DC adapter not included)
- User Manual

4. Product Diagram

Familiarize yourself with the various parts and controls of your alarm clock.



Image 4.1: Front and top view of the alarm clock, indicating the display elements (Time, 12/24 hour format, AM/PM, Alarm, Radio, Sleep Timer icons) and control buttons (SNOOZE/LIGHT, M (Mode), +, -, Radio button).



Image 4.2: Product dimensions, showing the clock measures approximately 13.5 cm (5.3 inches) in width and 6 cm (2.4 inches) in height.

5. Setup

5.1 Power Supply

The alarm clock supports two power supply modes: DC 5V USB power for continuous operation and 3x AAA batteries for backup in case of power outage.



Image 5.1: Illustration of the two power supply modes: USB/DC power for continuous LED display and AAA batteries for memory backup during power outages.

1. **DC 5V USB Power:** Connect the provided USB power cable to the DC 5V input port on the back of the clock. Plug the other end into a USB power adapter (not included) or a USB port. This mode ensures the LED display remains continuously lit.
2. **Battery Backup:** Open the battery compartment on the back of the clock. Insert 3 AAA batteries (not included), ensuring correct polarity (+/-). When powered by batteries only, the display will automatically turn off after 10 seconds of inactivity to conserve power.

Recommendation: For best performance and to avoid resetting time during power outages, it is highly recommended to use both the USB power and install backup batteries simultaneously.

6. Basic Operation

6.1 Setting the Time

1. Press and hold the 'M' (Mode) button for 3 seconds to enter time setting mode. The hour digits will flash.
2. Use the '+' or '-' buttons to adjust the hour.
3. Press 'M' again to switch to minute setting. The minute digits will flash.
4. Use the '+' or '-' buttons to adjust the minute.
5. Press 'M' again to confirm and exit time setting mode. If no button is pressed for 15 seconds, the clock will automatically exit setting mode.

6.2 12/24 Hour Format

While in time display mode, press the 'M' (Mode) button once to switch between 12-hour and 24-hour formats.

6.3 Adjusting Display Brightness

The clock features 3 brightness levels: Bright, Medium, and Dim.



Image 6.1: Visual representation of the three brightness levels: Bright, Medium, and Dim, demonstrating the display's adaptability to different lighting conditions.

1. Press the 'SNOOZE/LIGHT' button once to cycle through the brightness levels: Bright > Medium > Dim > Off.
2. **Night Mode:** The clock can automatically adjust brightness during a preset period. Press and hold the 'SNOOZE/LIGHT' button for 3 seconds to enter Night Mode setting. Use '+' or '-' to set the start hour, then press 'SNOOZE/LIGHT' to set the end hour. The display will dim automatically during this period.

7. Alarm Function

The clock allows you to set two independent alarms.



Image 7.1: Depiction of the dual alarm clock feature and the snooze function, allowing users to set two separate wake-up times and temporarily silence the alarm.

7.1 Setting an Alarm

1. Press the 'M' (Mode) button twice to enter Alarm 1 setting mode. The alarm hour digits will flash.
2. Use the '+' or '-' buttons to adjust the alarm hour.
3. Press 'M' again to switch to alarm minute setting. The minute digits will flash.
4. Use the '+' or '-' buttons to adjust the alarm minute.
5. Press 'M' again to select the alarm sound: 'rd' for radio or 'bu' for buzzer.
6. Press 'M' again to confirm and activate Alarm 1. The alarm icon will appear on the display.
7. Repeat steps 1-6 for Alarm 2 by pressing 'M' three times to enter Alarm 2 setting mode.

7.2 Deactivating an Alarm

To turn off an active alarm, press any button except 'SNOOZE/LIGHT'. The alarm will sound again the next day at the set time unless deactivated.

7.3 Snooze Function

When the alarm sounds, press the 'SNOOZE/LIGHT' button to activate the snooze function. The alarm will pause for 5-60 minutes (default 5 minutes) and sound again after the snooze period. You can adjust the snooze duration in the alarm setting mode.



Image 7.2: Visual of the alarm clock offering both radio and buzzer options for waking up, catering to personal preferences.

8. FM Radio Operation

The clock features an integrated FM radio with a sleep timer function.



Image 8.1: The alarm clock displaying FM radio functionality, including adjustable volume (0-15 levels), FM frequency range (76.0-108.0 MHz), and a sleep timer (0-90 minutes).

8.1 Turning On/Off the Radio

Press the 'RADIO' button once to turn the FM radio on or off.

8.2 Automatic Station Scan

When the radio is on, press and hold the 'RADIO' button for 3 seconds to automatically scan and store available FM stations. The clock can store up to 15 stations.

8.3 Manual Tuning and Station Selection

While the radio is on, press the '+' or '-' buttons to manually tune to the next or previous stored station. For fine-tuning, press and hold '+' or '-' to scan frequencies.

8.4 Adjusting Radio Volume

While the radio is on, press the '+' or '-' buttons to adjust the volume (15 levels). The volume level will be displayed on the screen.

8.5 Setting the Sleep Timer

The sleep timer allows the radio to play for a set duration before automatically turning off.



Image 8.2: The alarm clock's FM radio interface, highlighting easy tuning for favorite stations, 0-15 radio volume, FM 76.0-108.0 MHz range, and 5-90 minute sleep timer.

1. With the radio on, press the 'SNOOZE/LIGHT' button twice to enter sleep timer setting mode. The display will show '05' (representing 5 minutes).
2. Use the '+' or '-' buttons to adjust the sleep timer duration from 5 to 90 minutes, or select 'OFF' to disable the sleep timer.
3. The radio will play for the programmed time and then automatically shut off.

9. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the clock. Avoid using abrasive cleaners or solvents.
- **Placement:** Place the clock on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture.
- **Battery Replacement:** Replace AAA batteries when the backup function is no longer reliable. Ensure correct polarity.

10. Troubleshooting

Problem	Possible Cause	Solution
Display is off or flickering.	No power, loose connection, or batteries depleted (if in battery-only mode).	Check USB power connection. Replace AAA batteries. Ensure both power sources are properly connected for continuous display.
Alarm does not sound.	Alarm not set, alarm volume too low, or incorrect alarm sound selected.	Verify alarm time and activation. Adjust radio volume if 'rd' is selected. Ensure 'bu' is selected for buzzer.
FM radio reception is poor.	Weak signal, antenna not extended, or interference.	Extend the antenna fully. Reposition the clock to find a better signal. Perform an auto-scan for stations.
Time/settings reset after power loss.	No backup batteries installed or batteries are depleted.	Install 3 fresh AAA batteries for memory backup.

11. Specifications

- **Brand:** VAUNO
- **Model Number:** EN8835-1
- **Color:** Black
- **Display Type:** Digital LED
- **Display Size:** 5.1 inches (LED digits)
- **Brightness Levels:** 3 (Bright, Medium, Dim) + Night Mode
- **FM Frequency:** 76-108 MHz
- **Volume Levels:** 15
- **Sleep Timer:** 5-90 minutes
- **Power Source:** DC 5V USB (corded electric) / 3x AAA batteries (backup)
- **Product Dimensions:** 5.3"W x 2.4"H
- **Material:** Plastic
- **Item Weight:** 5.3 ounces

12. Warranty and Support

This VAUNO Digital Alarm Clock comes with a**1-Year Warranty** from the date of purchase.

For customer service and support, please contact us via email:

Email: service@vauno.com

Please retain your purchase receipt as proof of purchase for warranty claims.

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