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Ratakee H249US

Ratakee Digital Alarm Clock Radio

Model: H249US
User Instruction Manual

1. PRODUCT OVERVIEW

The Ratakee Digital Alarm Clock Radio is designed to provide reliable timekeeping, dual alarm functionality, and AM/FM radio reception. It features a large LED display with adjustable brightness for comfortable viewing day and night. This manual provides detailed instructions for setting up and operating your device.



Image: Front view of the Ratakee Digital Alarm Clock Radio, displaying the time 12:00 in blue LED digits.

2. SETUP

2.1 Power Connection

To power the clock radio, plug the AC adapter into any standard 110V wall outlet. The display will illuminate, indicating the unit is receiving power.

2.2 Battery Backup Installation

For battery backup, insert two (2) AAA batteries (not included) into the battery compartment located on the bottom of the unit. These batteries will preserve your time and alarm settings during a power outage, but will not power the display or alarm functions.

2.3 Initial Time Setting

Upon first power-up or after a prolonged power interruption without battery backup, the display may show a default time. Refer to the 'Setting Time' section under 'Operating' for instructions on how to set the current time.

3. OPERATING INSTRUCTIONS

3.1 Setting Time

1. Press and hold the **TIME SET** button until the hour digits begin to flash.
2. Use the **HOUR** and **MINUTE** buttons to adjust the time.
3. Press **TIME SET** again to confirm and exit time setting mode.

3.2 Display Brightness (Dimmer)

The clock features a 1.6-inch LED display with adjustable brightness. To adjust the display brightness:

- Press the **DIMMER** button repeatedly to cycle through the 4 available brightness levels. Select the level most comfortable for your environment.



Image: Comparison of the clock display at high and low brightness settings, demonstrating the dimmer function.

3.3 Setting Alarms (Dual Alarm)

This clock supports two independent alarms (Alarm 1 and Alarm 2). Each alarm can be set to a beep sound or a radio station.

1. Press and hold the **ALARM 1** or **ALARM 2** button until the alarm hour digits flash.
2. Use the **HOUR** and **MINUTE** buttons to set the desired alarm time.
3. Press the **ALARM 1** or **ALARM 2** button again to select the alarm source (Beep or Radio). The corresponding icon will appear on the display.
4. Press the **ALARM 1** or **ALARM 2** button a third time to confirm and activate the alarm.



Dual alarms and 2 ringtones for better wake up and remind



Image: Visual representation of the dual alarm feature, showing the clock used for different wake-up scenarios.

3.4 Snooze Function

When an alarm sounds, press the large **SNOOZE** button on top of the unit to temporarily silence the alarm for 9 minutes. The alarm will sound again after this period. You can repeat the snooze function up to 5 times.

To turn off the alarm completely for 24 hours, press any other button on the clock (e.g., Radio, Time Set, Alarm 1/2) while the alarm is sounding.



9 Minutes Snooze

Press **SNOOZE** to get extra 9 minutes sleep

Press any orther button to silence alarm 24 hours

Image: Demonstrates the easy access and function of the snooze button for an additional 9 minutes of sleep.

3.5 AM/FM Radio Operation

The clock radio features digital tuning for AM and FM bands.

- Press the **RADIO** button to turn the radio on or off.
- Use the **TUNE+** and **TUNE-** buttons to manually tune to a desired frequency.
- Press and hold **TUNE+** or **TUNE-** to auto-scan for the next available station.
- Adjust the volume using the **VOL+** and **VOL-** buttons (0-15 levels).

3.6 Saving Radio Presets

You can save up to 20 AM stations and 20 FM stations for quick access.

1. Tune to the desired radio station.
2. Press and hold the **PRESET** button until the preset number flashes.
3. Use the **TUNE+** or **TUNE-** buttons to select the desired preset number (P01-P20).
4. Press **PRESET** again to confirm and save the station.

To recall a saved preset, briefly press the **PRESET** button repeatedly to cycle through your saved stations.

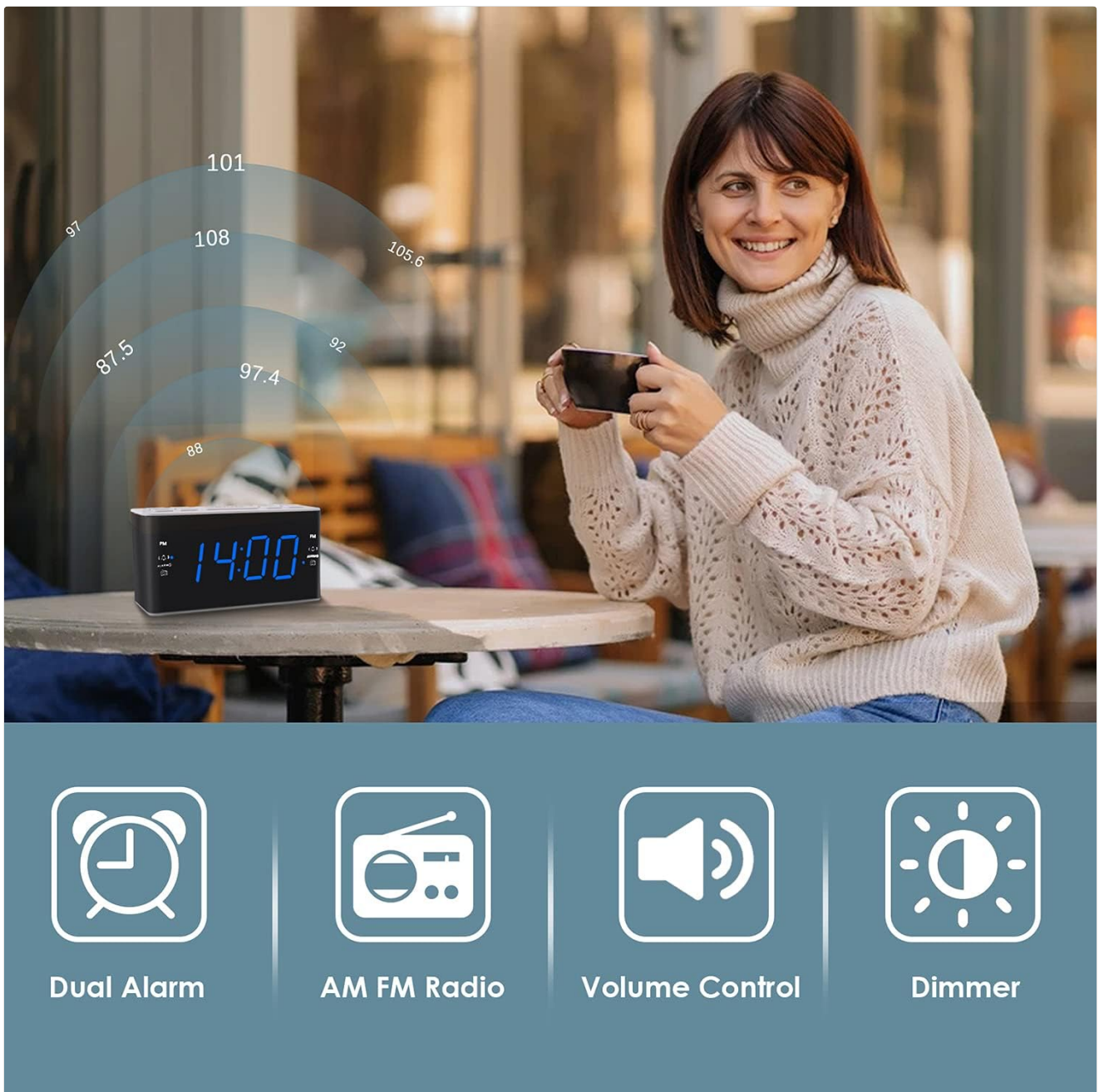


Image: Illustrates the various features of the clock radio, including AM/FM radio functionality.

3.7 Sleep Timer

The sleep timer allows you to fall asleep to the radio, which will automatically turn off after a set period.

- While the radio is playing, press the **SLEEP** button repeatedly to cycle through the available sleep timer durations (10-90 minutes).
- The radio will play for the selected duration and then automatically turn off.

4. MAINTENANCE

4.1 Cleaning

To clean the clock radio, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents as they may damage the finish. Ensure the unit is unplugged before cleaning.

4.2 Battery Replacement

If the clock loses time or alarm settings during a power outage, the AAA backup batteries may need replacement. Replace both batteries simultaneously with new ones, ensuring correct polarity.

5. TROUBLESHOOTING

If you encounter issues with your Ratakee Digital Alarm Clock Radio, please refer to the following common solutions:

- **No Power/Display Off:** Ensure the AC adapter is securely plugged into both the clock and a working wall outlet. Check if the outlet has power.
- **Alarm Not Sounding:** Verify that the alarm is activated (alarm icon visible on display) and the alarm time is correctly set. Check the alarm volume level.
- **Radio Static/Poor Reception:** Extend the FM wire antenna fully for better reception. Try repositioning the clock radio to a different location to improve signal strength. For AM reception, rotate the unit to find the best signal.
- **Time/Settings Lost After Power Outage:** Ensure fresh AAA batteries are installed correctly in the battery backup compartment.

If the problem persists after attempting these solutions, please contact customer support for further assistance.

6. SPECIFICATIONS

Brand	Ratakee
Model Number	H249US
Colour	Blue Led
Product Dimensions	15.49 x 7.87 x 5.59 cm
Item Weight	350 g
Material	Plastic
Display Type	LED
Power Source	AC Powered (110V)
Battery Backup	2 x AAA batteries (not included)
FM Frequency Range	87.5-108 MHz
AM Frequency Range	520-1710 KHz
Special Features	Alarm, Brightness Dimmer, Radio

Compact size Clear display

Packed in: Clock*1 Instruction*1 Warranty*1



Image: Product dimensions of the Ratakee Digital Alarm Clock Radio.

7. WARRANTY AND SUPPORT

Ratakee is committed to providing quality products and customer satisfaction. If you have any questions regarding the operation, setup, or performance of your alarm clock radio, please do not hesitate to contact our customer support team.

In the event that the product is deemed defective, you may be eligible for a hassle-free replacement or refund. For specific inquiries or to report an issue, please reach out to us directly. We are dedicated to assisting you and ensuring a positive experience with your Ratakee product.