

## Ratakee H249

# Ratakee Digital Alarm Clock Radio H249 User Manual

Model: H249 | Brand: Ratakee

## INTRODUCTION

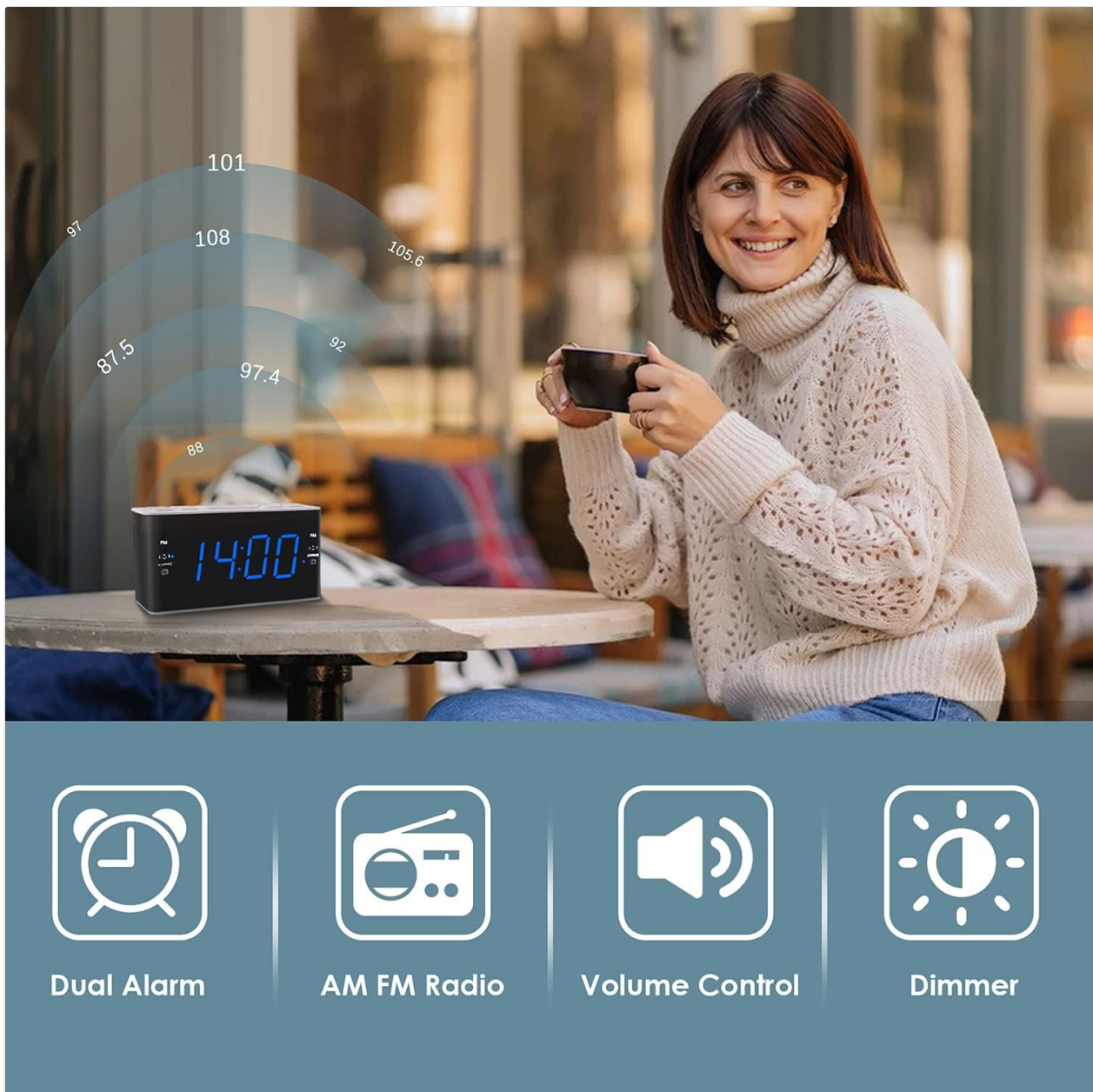
This manual provides detailed instructions for the setup, operation, and maintenance of your Ratakee Digital Alarm Clock Radio H249. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience. This device features a large LED display, dual alarms, AM/FM radio with presets, adjustable alarm volume, sleep timer, and display dimmer.



Image: Front view of the Ratakee Digital Alarm Clock Radio H249, displaying the time 12:00 PM in blue LED digits.

## PRODUCT FEATURES OVERVIEW

- **Large LED Display:** 6.6-inch screen with 1.6-inch blue LED numbers for clear visibility.
- **Dual Alarms:** Set two independent alarms with options for beep or radio wake-up.
- **AM/FM Radio:** Digital tuning with frequency ranges FM 87.5-108MHz and AM 520-1710KHz.
- **Station Presets:** Save up to 20 AM and 20 FM stations for quick access.
- **Adjustable Alarm Volume:** Alarm volume can be set from levels 5 to 15.
- **Sleep Timer:** Program the radio to turn off automatically after 10-90 minutes.
- **Display Dimmer:** Four brightness levels for the LED display.
- **Snooze Function:** Provides an extra 9 minutes of sleep.
- **Battery Backup:** 2 AAA batteries (not included) preserve time and alarm settings during power outages.



*Image: Visual representation of the alarm clock's main features: Dual Alarm, AM FM Radio, Volume Control, and Dimmer, with a woman enjoying music in the background.*

## SETUP

### 1. Power Connection

The Ratakee H249 operates on AC power. Connect the provided power cord to the clock radio and then plug it into a standard AC 120V 60Hz wall outlet. The display will illuminate once power is supplied.

### 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. The battery backup maintains time and alarm settings during a power interruption but does not power the clock display or radio functions.

### 3. Initial Time Setting

1. Press and hold the **SET TIME** button. The hour digits will begin to flash.
2. Use the **VOL+** or **VOL-** buttons to adjust the hour. Pay attention to the PM indicator if setting a PM time.

3. Press the **SET TIME** button again. The minute digits will flash.
4. Use the **VOL+** or **VOL-** buttons to adjust the minutes.
5. Press the **SET TIME** button one more time to confirm and exit time setting mode.

## OPERATING INSTRUCTIONS

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### 1. Setting Alarms (Alarm 1 and Alarm 2)

The clock radio features two independent alarms. The process is identical for both.

1. Press and hold the **ALARM1** (or **ALARM2**) button. The alarm hour digits will flash.
2. Use the **VOL+** or **VOL-** buttons to set the desired alarm hour. Observe the PM indicator.
3. Press the **ALARM1** (or **ALARM2**) button again. The alarm minute digits will flash.
4. Use the **VOL+** or **VOL-** buttons to set the desired alarm minutes.
5. Press the **ALARM1** (or **ALARM2**) button again to select the alarm source:
  - **Beep:** A standard alarm tone.
  - **Radio:** Wakes you up to the last tuned radio station.
6. Press the **ALARM1** (or **ALARM2**) button one more time to confirm and activate the alarm. An alarm icon will appear on the display.



**Dual alarms and 2 ringtones for better wake up and remind**



*Image: The alarm clock displaying 7:30, with icons indicating dual alarms are set, positioned on a bedside table next to a person waking up.*

## 2. Adjusting Alarm Volume

When an alarm is sounding, use the **VOL+** or **VOL-** buttons to adjust the alarm volume between levels 5 and 15.

## 3. Snooze Function

When an alarm sounds, press the large **SNOOZE/DIMMER** button to temporarily silence the alarm for 9 minutes. The alarm will sound again after 9 minutes. This can be repeated up to 5 times. To cancel the alarm completely, press any other button (e.g., ALARM1, ALARM2, RADIO).





## 9 Minutes Snooze

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

Press any orther button to silence alarm 24 hours

*Image: A hand reaching to press the SNOOZE button on the alarm clock, which shows 8:30, illustrating the snooze function.*

### 4. AM/FM Radio Operation

1. Press the **RADIO** button to turn the radio on or off.
2. To tune, press the **VOL+** or **VOL-** buttons to manually adjust the frequency. Press and hold these buttons for automatic scanning to the next available station.
3. **Setting Presets:** While listening to a desired station, press and hold the **PRESET** button. The preset number will flash. Use **VOL+** or **VOL-** to select a preset slot (P01-P20 for AM/FM). Press **PRESET** again to save.
4. **Recalling Presets:** Briefly press the **PRESET** button to cycle through saved stations.
5. **Adjusting Radio Volume:** Use the **VOL+** or **VOL-** buttons when the radio is on to adjust the listening volume.

### 5. Sleep Timer

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

1. While the radio is playing, press the **SLEEP** button (if available, otherwise use a combination like SNOOZE + RADIO, or refer to specific button if different).
2. Repeatedly press the **SLEEP** button to cycle through available sleep times (e.g., 10, 20, 30, 60, 90

minutes).

3. The radio will turn off automatically after the selected time.

## 6. Display Dimmer

To adjust the brightness of the LED display, press the **SNOOZE/DIMMER** button (when the alarm is not sounding). Each press will cycle through the four available brightness levels (High, Medium, Low, Off).



*Image: The alarm clock displaying 20:00 (8 PM) with a dimmed blue LED display, illustrating the dimmer function for nighttime use.*

## MAINTENANCE

### 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 these can damage the finish. Ensure the device is unplugged before cleaning.

### 2. Battery Replacement (Backup)

If the time and alarm settings are not retained during a power outage, the AAA backup batteries may need to be replaced. Open the battery compartment, remove the old batteries, and insert two new AAA batteries, observing the correct polarity (+/-). Close the compartment securely.

TROUBLESHOOTING

| Problem  | Possible Cause   | Solution  |
|--|--|---|
| Clock display is off or not working.               | No AC power; power outage; display dimmer set to 'Off'.                | Ensure the power cord is securely plugged into a live outlet. Check for power outages. Press the <b>SNOOZE/DIMMER</b> button to adjust display brightness.                          |
| Time/Alarm settings are lost after a power outage. | Backup batteries are dead or not installed.                            | Install two fresh AAA batteries or replace existing ones in the battery compartment.  |
| Alarm does not sound.                              | Alarm is not activated; alarm volume is too low; incorrect alarm time. | Ensure the alarm icon is visible on the display. Re-check alarm time and source. Adjust alarm volume (levels 5-15).   |
| Poor radio reception.                              | Antenna not extended; interference; weak signal.                       | Fully extend the FM wire antenna. Reposition the clock radio to improve reception. Avoid placing near electronic devices that may cause interference.                               |
| Radio presets are not saved.                       | Incorrect saving procedure; power interruption without backup.         | Ensure you press and hold the <b>PRESET</b> button to save, then press again to confirm. Ensure backup batteries are installed and functional to retain settings during power loss. |

SPECIFICATIONS

| Feature              | Detail  |
|----------------------|---|
| Brand                | Ratakee   |
| Model Number         | H249  |
| Display Type         | Digital LED (Blue)                                    |
| Power Source         | Corded Electric (AC 120V 60Hz)                        |
| Battery Backup       | 2 AAA batteries (not included) for settings retention |
| Product Dimensions   | 6.14" W x 3.15" H x 2.17" D                           |
| Item Weight          | 4 ounces (0.25 Pounds)                                |
| Radio Frequency (FM) | 87.5-108 MHz  |



| Feature              | Detail  |
|----------------------|---|
| Radio Frequency (AM) | 520-1710 KHz  |
| Special Features     | Adjustable Brightness, Adjustable Volume, Dual Alarms, Radio, Sleep Timer |
| Material             | Plastic   |

**Compact size   Clear display**

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



Image: Dimensional drawing of the alarm clock, indicating its width (6.14in), height (3.15in), and depth (2.17in).

## WARRANTY AND SUPPORT

### Warranty Information

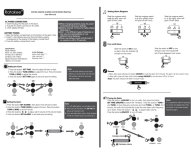
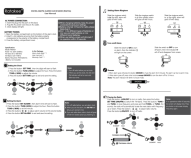

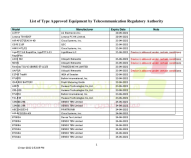
This Ratakee Digital Alarm Clock Radio H249 comes with a **1-year limited warranty** from the date of purchase. Additionally, a **90-day money-back guarantee** is offered. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external factors.

### Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Ratakee customer support through the retailer's platform or the contact information provided with your

purchase. Please have your model number (H249) and purchase date available when contacting support.

Related Documents - H249

|  |   |
|--|---|
|   | <p><a href="#">Ratakee RA01SA Digital AM/FM Alarm Clock Radio User Manual</a></p> <p>User manual for the Ratakee RA01SA Digital AM/FM Alarm Clock Radio, providing detailed instructions on setup, operation, features, troubleshooting, and FCC compliance.</p>  |
|   | <p><a href="#">Ratakee RA01SA Digital AM/FM Alarm Clock Radio User Manual</a></p> <p>User manual for the Ratakee RA01SA Digital AM/FM Alarm Clock Radio, providing detailed instructions on setup, operation, features, troubleshooting, and FCC compliance.</p>  |
|   | <p><a href="#">Avaya IX Devices and Phones Product Overview</a></p> <p>Explore the comprehensive range of Avaya IX devices and phones, including desktop phones, multimedia devices, wireless handsets, conference phones, huddle room solutions, and headsets. Discover features, specifications, and ideal use cases for each product line.</p> |
|  | <p><a href="#">Type Approved Telecommunication Equipment List by Regulatory Authority</a></p> <p>This document provides a comprehensive list of telecommunication equipment that has received type approval from the Telecommunication Regulatory Authority, detailing each item's model, manufacturer, and expiry date.</p>                      |