

Ratakee RA02DR

Ratakee RA02DR Handheld AM/FM Radio Instruction Manual

Model: RA02DR

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Ratakee RA02DR Handheld AM/FM Radio. Please read this manual thoroughly before using the device to ensure proper function and to maximize your listening experience. This radio combines modern digital tuning with user-friendly controls for reliable performance.

2. KEY FEATURES

- **Digital Tuning Technology:** Easily find and search for AM/FM stations with precision.
- **Dual Listening Methods:** Built-in speaker for shared listening or 3.5mm headphone jack for private listening.
- **Excellent Reception:** Optimized sensitivity and noise reduction technology for clear sound.
- **Station Presets:** Store up to 10 AM and 10 FM stations for quick access.
- **Sleep Timer:** Set the radio to automatically turn off after 10-90 minutes.
- **Battery Powered with Backup:** Operates on 3 AA batteries with a CR2032 button cell backup to retain settings.
- **Compact and Portable Design:** Easy to carry in a pocket or backpack.
- **Large LCD Display:** Clear digital display for frequency, time, and settings.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Ratakee RA02DR Handheld AM/FM Radio
- CR2032 Button Cell (pre-installed or included separately)
- Carrying Strap
- Owner's Manual (this document)

Note: 3 AA batteries are required for operation and are not included.

4. CONTROLS AND DISPLAY



The Ratakee RA02DR radio features a clear LCD display and intuitive controls. The front panel includes the ON/OFF button, PRESET button, and navigation buttons for tuning and setting. A volume knob is located on the side, along with a lock switch and AM/FM band switch. The telescopic antenna is extendable for improved reception.

Front Panel

- **LCD Display:** Shows frequency, time, battery indicator, and other settings.
- **ON/OFF Button:** Powers the radio on or off.
- **PRESET Button:** Accesses stored stations.
- **Tuning/Navigation Buttons (◀◀ / ▶▶):** Used to tune frequencies or navigate presets.

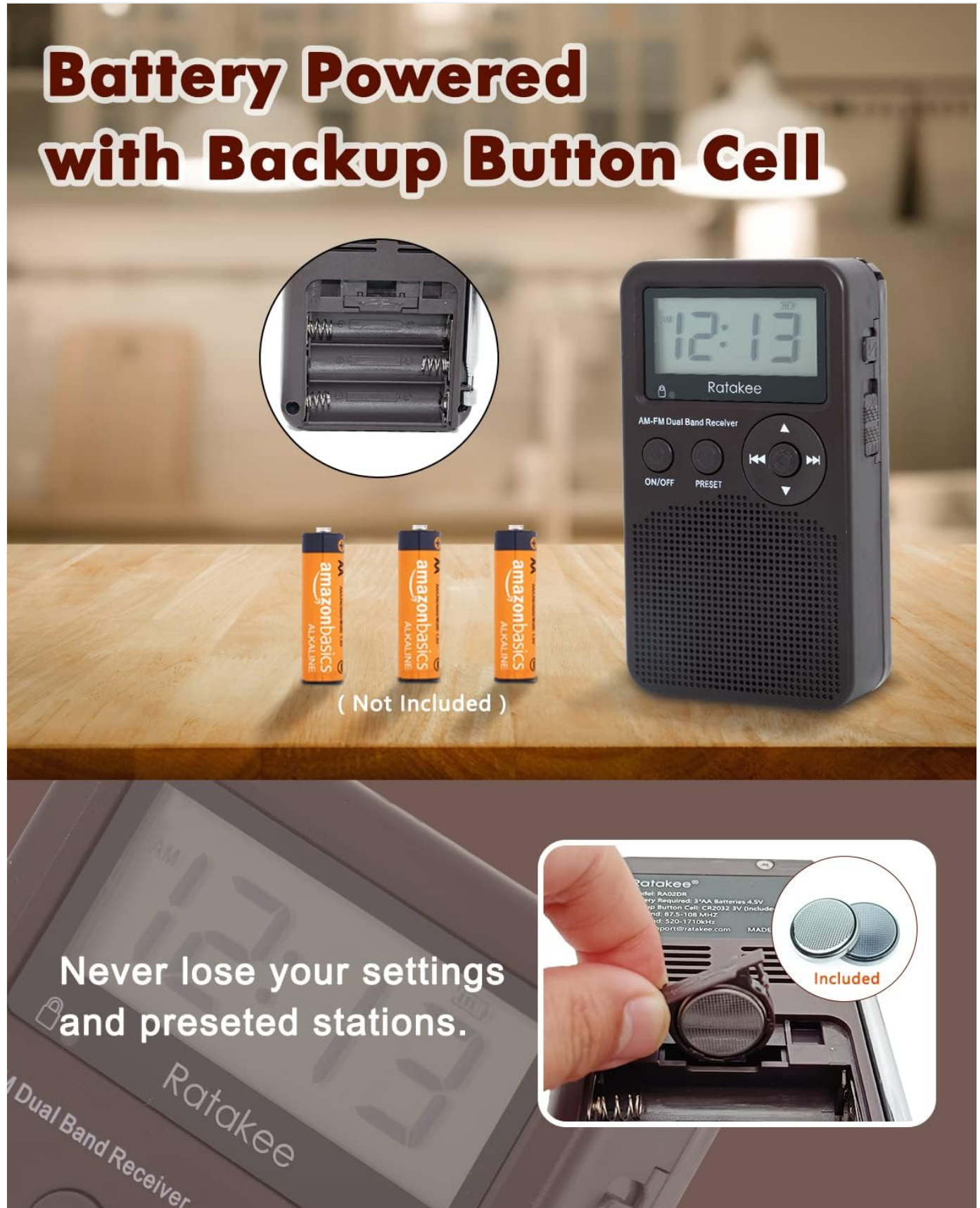
Side Controls

- **Volume Knob:** Adjusts the audio output level.

- **AM/FM Switch:** Selects between AM and FM radio bands.
- **Lock Switch:** Prevents accidental button presses.
- **3.5mm Headphone Jack:** For connecting headphones (not included).

5. SETUP

5.1 Battery Installation



The radio requires 3 AA batteries for primary power and a CR2032 button cell for settings backup. The CR2032 battery is typically included and pre-installed or found in the packaging. This backup battery ensures that your clock and preset stations are not lost when the AA batteries are replaced or depleted.

1. Locate the battery compartment cover on the back of the radio.
2. Slide or unclip the cover to open it.
3. Insert 3 AA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. If the CR2032 button cell is not already installed, insert it into its designated slot, observing polarity.
5. Close the battery compartment cover securely.

5.2 Initial Power On and Clock Setting

Upon first power-on or after a full power loss (both AA and CR2032 depleted), you may need to set the clock.

1. Press the **ON/OFF** button to turn on the radio.
2. Refer to the specific instructions in the included quick start guide or on-screen prompts for setting the time. Typically, this involves pressing and holding a 'Time Set' or 'Menu' button, then using the tuning/navigation buttons to adjust hours and minutes, and confirming with another press.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the **ON/OFF** button once to turn the radio on. Press it again to turn the radio off. When off, the LCD display will typically show the current time.

6.2 Selecting AM/FM Band

Use the **AM/FM switch** located on the side of the radio to toggle between the Amplitude Modulation (AM) and Frequency Modulation (FM) bands.

6.3 Tuning Stations

1. Extend the telescopic antenna for optimal FM reception. For AM, the internal antenna is generally sufficient, but rotating the radio may improve reception.
2. Press the ◀◀ or ▶▶ buttons to manually tune to a desired frequency. A short press will adjust the frequency in small increments. A long press will initiate an automatic scan to the next strong station.
3. Adjust the **Volume Knob** to your preferred listening level.

6.4 Setting and Accessing Presets

Preset Favorite Stations for Quick-visit



The radio allows you to store up to 10 AM and 10 FM stations for quick access.

To Store a Station:

1. Tune to the desired station using the tuning buttons.
2. Press and hold the **PRESET** button until the preset number on the display flashes.
3. Use the ◀◀ or ▶▶ buttons to select the desired preset number (P01-P10).
4. Press the **PRESET** button again to confirm and save the station.

To Access a Stored Station:

1. Press the **PRESET** button briefly. The display will show the current preset number.
2. Use the ◀◀ or ▶▶ buttons to cycle through your stored stations.

6.5 Using the Sleep Timer

Sleep Timer

Fall asleep with favorite station

Auto-off after 10-90 minutes



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

1. While the radio is on, press and hold the **ON/OFF** button (or a dedicated 'Sleep' button if available, refer to quick start guide).

2. The display will show the sleep timer duration (e.g., 90, 60, 30, 10 minutes).
3. Press the **ON/OFF** button repeatedly to cycle through the available sleep timer options (10-90 minutes).
4. Release the button when your desired duration is displayed. The timer will start counting down, and the radio will turn off automatically when the time expires.

6.6 Using the Headphone Jack

3.5MM HeadPhone Jack

Private listening and never disturb others

Earphone is not included



For private listening, connect any standard 3.5mm stereo headphones (not included) into the headphone jack located on the side of the radio. The built-in speaker will automatically mute when headphones are connected.

6.7 Lock Function

The **Lock Switch** on the side of the radio can be used to prevent accidental button presses. When the lock switch is engaged, all buttons except the volume control will be disabled. A small red LED light may indicate that the system is locked.

7. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Remove batteries if the radio will not be used for an extended period to prevent leakage.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna:** Handle the telescopic antenna carefully to avoid bending or breaking. Retract it when not in use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	AA batteries are depleted or incorrectly installed.	Replace AA batteries, ensuring correct polarity.
Poor reception or static.	Weak signal, antenna not extended, or interference.	Extend the telescopic antenna fully. Try repositioning the radio or rotating it for AM. Move away from electronic devices that may cause interference.
No sound from speaker.	Volume is too low, headphones are connected, or speaker is faulty.	Increase volume. Disconnect headphones. If problem persists, contact support.
Settings (time, presets) are lost after battery change.	CR2032 backup battery is depleted or missing.	Ensure the CR2032 button cell is correctly installed and not depleted. Replace if necessary.
Buttons are unresponsive.	Lock switch is engaged.	Disengage the lock switch on the side of the radio.

9. SPECIFICATIONS

Feature	Specification
Brand	Ratakee
Model Number	RA02DR
Tuner Technology	AM/FM Digital
Hardware Interface	3.5mm Audio Jack
Display Type	LCD Digital
Power Source	Battery Powered (3 AA batteries, not included)
Battery Backup	CR2032 Button Cell (included)

Feature	Specification
Voltage	4.5 Volts
Frequency Range	AM: 520-1710 kHz, FM: 87-108 MHz
Preset Stations	10 AM, 10 FM
Sleep Timer	10-90 minutes
Material	Plastic
Product Dimensions	3.2 x 7.29 x 13 cm
Item Weight	145 g

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Ratakee website. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question