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› **Reacher Digital FM Alarm Clock with Dual Alarms, Thermometer, Dimmable LCD Display, Snooze, and Dual USB Charging Ports - Model ACR-2 User Manual**

REACHER ACR-2

Reacher Digital FM Alarm Clock User Manual
MODEL: ACR-2

1. Introduction

Thank you for choosing the Reacher Digital FM Alarm Clock, Model ACR-2. This device combines a digital alarm clock with dual alarm functions, an FM radio, an indoor thermometer, a dimmable LCD display, and dual USB charging ports. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your product.

Figure 1: Front view of the Reacher ACR-2 digital alarm clock showing the time, date, and temperature display.

2. Safety Information

- Read all instructions carefully before use and retain for future reference.
- Do not expose the device to water, moisture, or extreme temperatures.
- Use only the provided power adapter.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified service personnel.
- Keep out of reach of children.
- Ensure proper ventilation around the device.

3. Package Contents

- Reacher Digital FM Alarm Clock (ACR-2)
- Power Adapter
- User Manual

4. Product Overview

Familiarize yourself with the buttons, ports, and display features of your alarm clock.

4.1 Top Panel Controls

- **SNOOZE** / **Rotary Knob:** Press to snooze alarm; rotate to adjust time/settings.
- **TIME SET:** Press to enter time setting mode.
- **ALARM 1** / **ALARM 2:** Press to set Alarm 1 or Alarm 2.
- **RADIO:** Press to turn FM radio on/off or switch modes.
- **SLEEP TIMER:** Press to set radio sleep timer.
- **MON-FRI** / **SAT-SUN:** Buttons for alarm day settings.

4.2 Rear Panel Controls and Ports

- **Alarm Volume +/-:** Adjusts alarm sound volume.
- **Dimmer Slider:** Adjusts display brightness (0-100%).
- **12H/24H Switch:** Toggles time format.
- **°C/°F Switch:** Toggles temperature unit.
- **Radio Antenna:** Extend for better FM reception.
- **DC 5V Input:** Power connection port.
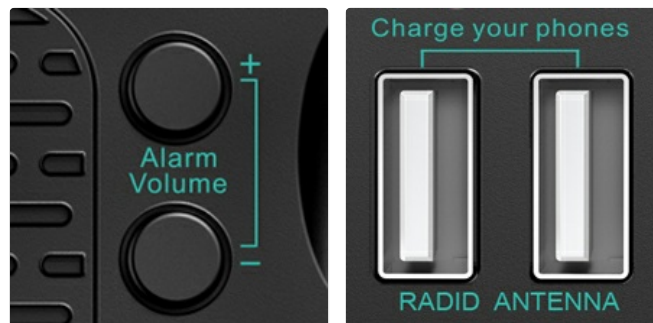- **Dual USB Charging Ports:** For charging external devices.

Figure 3: Detailed view of the alarm volume controls and USB charging ports on the rear panel.

5. Setup

5.1 Power Connection

1. Connect the provided power adapter to the DC 5V input port on the back of the alarm clock.
2. Plug the adapter into a standard AC power outlet. The display will light up.

5.2 Battery Backup (Not Included)

The alarm clock requires 3 AAA batteries (not included) for backup power. These batteries maintain time and alarm settings during a power outage but do not power the display or charging functions.

1. Open the battery compartment cover on the bottom of the unit.
2. Insert 3 AAA batteries, observing the correct polarity (+/-).
3. Close the battery compartment cover securely.

6. Operating Instructions

6.1 Setting Time and Date

1. Press and hold the **TIME SET** button until the hour digits flash.

2. Rotate the **SNOOZE / Rotary Knob** to adjust the hour. Press **TIME SET** to confirm.

3. Repeat the process to set the minute, year, month, and day.

4. Use the **12H/24H Switch** on the rear panel to select your preferred time format.

6.2 Setting Alarms (Alarm 1 & Alarm 2)

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

Figure 4: Illustration of dual alarm functionality with options for Everyday, Weekday, and Weekend settings.

1. Press and hold either **ALARM 1** or **ALARM 2** button until the alarm hour digits flash.

2. Rotate the **SNOOZE / Rotary Knob** to adjust the hour. Press the respective **ALARM** button to confirm.

3. Repeat to set the alarm minute.

4. **Alarm Day Setting:** After setting the time, press the **MON-FRI** or **SAT-SUN** button to cycle through alarm modes: Everyday (MON-SUN), Weekday (MON-FRI), or Weekend (SAT-SUN).

5. **Alarm Sound Selection:** Press the **RADIO** button to cycle through available alarm sounds: Buzzer, Radio, Flute, Bird, Piano, Bell.

6. **Alarm Volume:** Use the **Alarm Volume +/-** buttons on the rear panel to set the desired alarm volume (3-30 levels).

7. Press the respective **ALARM** button again to exit alarm setting mode.

Manual/Auto FM Radio

Easy tuning to get your favourite radio via big knob

FM97.5　　**FM108.5**

　　　　　FM87.5

0-30 Radio Volume　　　**FM 87.5-108.0 MHZ**　　　**10-120 Min Sleep Timer**

Figure 5: Visual representation of the six available alarm sound options.

6.3 Snooze Function

When an alarm sounds, press the large **SNOOZE** / **Rotary Knob** on the top to temporarily silence the alarm for 9 minutes. This can be repeated up to 7 times.

6.4 FM Radio Operation

Figure 6: The FM radio interface showing frequency tuning and radio volume control.

1. **Turn On/Off:** Press the **RADIO** button to turn the FM radio on or off.

2. **Manual Tuning:** Rotate the **SNOOZE / Rotary Knob** to manually tune to a specific FM frequency.

3. **Automatic Scan:** Press and hold the **RADIO** button to automatically scan and save available FM stations.

4. **Radio Volume:** Rotate the **SNOOZE / Rotary Knob** while the radio is playing to adjust the volume (0-30 levels).

5. **Sleep Timer:** While the radio is on, press the **SLEEP TIMER** button repeatedly to set a sleep timer (10-120 minutes). The radio will automatically turn off after the set duration.

6.5 Display Dimmer

Adjust the brightness of the LCD display using the **Dimmer Slider** located on the rear panel. This allows for a brightness range from 0% (off) to 100% (maximum brightness).

Figure 7: Visual guide to the 0-100% dimmer control, showing various display brightness levels.

6.6 Dual USB Charging Ports

The alarm clock is equipped with two USB ports on the rear panel, allowing you to charge two external devices simultaneously. Note that USB charging is only active when the clock is powered by the AC adapter, not by battery backup.

6.7 Temperature Display

The built-in thermometer displays the indoor temperature. Use the **°C/°F Switch** on the rear panel to toggle between Celsius and Fahrenheit units.

7. Maintenance

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the radio antenna is extended for optimal FM reception.
- If storing the unit for an extended period, remove the AAA backup batteries.

8. Troubleshooting

- **No Power/Display Off:** Ensure the power adapter is securely connected to both the clock and a working power outlet. Check if the dimmer is set to 0%.

- **Alarm Not Sounding:** Verify that the alarm is enabled (alarm icon visible on display) and the alarm volume is not set to minimum. Check alarm day settings (Weekday/Weekend/Everyday).

- **Poor FM Reception:** Extend the radio antenna fully. Try repositioning the clock to improve signal. Perform an automatic scan to find stronger stations.

- **USB Charging Not Working:** Ensure the clock is powered by the AC adapter, not just battery backup. Check USB cable connection.

- **Incorrect Time:** Re-enter the time and date following the instructions in Section 6.1.

9. Specifications

- **Brand:** REACHER

- **Model Number:** ACR-2

- **Color:** Black

- **Dimensions (L x W x H):** 10.5 x 7.5 x 6.5 cm (4.13 x 2.95 x 2.56 inches)

- **Weight:** 249.48 grams (0.55 lbs)

- **Voltage:** 5 Volts

- **Material:** Plastic

- **Display Type:** Digital LCD

- **Power Source:** Cable Electric (AC Adapter)

- **Battery Backup:** 3 x AAA batteries (not included)

- **Special Features:** Dual Digital Alarm, Dimmable Brightness, Dual USB Charging Ports, Indoor Thermometer, FM Radio.
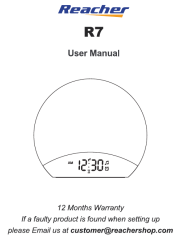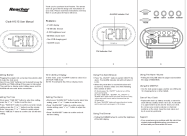
10. Warranty and Support

This product comes with a standard manufacturer's warranty. For warranty claims, technical support, or further assistance, please refer to the contact information provided on the product packaging or the official Reacher website. Please have your model number (ACR-2) and purchase details ready when contacting support.

Related Documents - ACR-2

Reacher ACR-2P
Radio Alarm Clock
USER MANUAL

[Reacher ACR-2P Radio Alarm Clock User Manual](#)
Comprehensive user manual for the Reacher ACR-2P Radio Alarm Clock, covering features like FM radio, dual alarms, snooze, dimmer, USB charging, thermometer, sleep timer, and detailed instructions for setting time, alarms, and using radio functions.

	[Reacher GX Alarm Clock User Manual: Setup, Features, and Safety Guide](#) Comprehensive user guide for the Reacher GX portable alarm clock. Learn how to set time, alarms, wake-up modes, vibration, auto-dimming, and safety features. Includes troubleshooting and support information.
	[Reacher R7 Sunrise Alarm Clock User Manual - Setup, Features, and Troubleshooting](#) Comprehensive user manual for the Reacher R7 Sunrise Alarm Clock. Learn how to set up, use features like the alarm, sound machine, nightlight, and understand safety instructions and warranty information.
	[Reacher ACR-WS Alarm Clock User Manual](#) User manual for the Reacher ACR-WS alarm clock, detailing features such as FM radio, wireless charging, USB charging, alarm settings, snooze function, and dimmer. Includes instructions for setup, operation, and care.
	[Reacher ACR-W YM-186 Alarm Clock User Manual](#) User manual for the Reacher ACR-W YM-186 alarm clock radio, detailing features like FM radio, wireless charging, USB charging, alarm settings, time setting, snooze, sleep timer, dimmer, and battery backup.
	[Reacher Clock-A1C1S Digital Alarm Clock User Manual](#) Comprehensive user manual for the Reacher Clock-A1C1S digital alarm clock, covering setup, time and alarm settings, snooze, volume, dimmer, USB charging, and care instructions.