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› Rychi 10000mAh Emergency Hand Crank Radio - AM/FM/NOAA Weather Alert, Solar Powered, 3-Mode Flashlight, Reading Lamp, SOS Alarm, Phone Charger (Model MD-091P) Instruction Manual

Rychi MD-091P

Rychi 10000mAh Emergency Hand Crank Radio - AM/FM/NOAA Weather Alert, Solar Powered, 3-Mode Flashlight, Reading Lamp, SOS Alarm, Phone Charger (Model MD-091P) Instruction Manual

1. INTRODUCTION AND OVERVIEW

The Rychi MD-091P 10000mAh Emergency Hand Crank Radio is a versatile and essential tool designed for emergency preparedness and outdoor activities. This multifunctional device provides reliable access to AM/FM/NOAA weather broadcasts, multiple charging options, and integrated lighting solutions to keep you informed and powered during critical situations.

Its robust design and various power sources ensure functionality even when conventional power is unavailable. This manual provides detailed instructions for the safe and effective use of your Rychi emergency radio.

2. SAFETY INSTRUCTIONS

- Do not expose the device to extreme temperatures, direct sunlight for prolonged periods (beyond charging), or high humidity.
- Keep the device away from water and moisture. This product is water-resistant, not waterproof.
- Do not attempt to disassemble or modify the device. Repairs should only be performed by qualified personnel.
- Ensure proper ventilation when charging to prevent overheating.
- Keep out of reach of children.
- Dispose of batteries and electronic components responsibly according to local regulations.

3. PACKAGE CONTENTS

- Rychi 10000mAh Emergency Hand Crank Radio (Model MD-091P)
- Owner's Manual
- USB Type-C Charging Cable

4. PRODUCT FEATURES AND COMPONENTS

4.1. HD LCD Display

The radio features a clear HD LCD display that shows essential information such as battery level and tuning frequency. This digital tuner allows for precise reception of AM/FM/WB bands.



Image: The Rychi emergency radio displaying the NOAA weather band frequency and battery status on its HD LCD screen.

4.2. 10000mAh Battery & Multiple Outputs

Equipped with a powerful 10000mAh battery, this radio can serve as a power bank. It features three output ports, including a Type-C port that supports both input and output, allowing you to charge multiple mobile devices simultaneously during power outages.



Image: The Rychi emergency radio connected to and charging three mobile phones, demonstrating its power bank capability.

4.3. Four Reliable Charging Methods

The radio offers four ways to recharge its internal 10000mAh battery:

- **Type-C USB Charging:** Connect to a standard USB power source.

- **Solar Power Charging:** Place the radio with the solar panel facing direct sunlight.
- **Hand-Crank Charging:** Rotate the hand crank to generate power manually.
- **Built-in Rechargeable Battery:** The primary power source for the device.

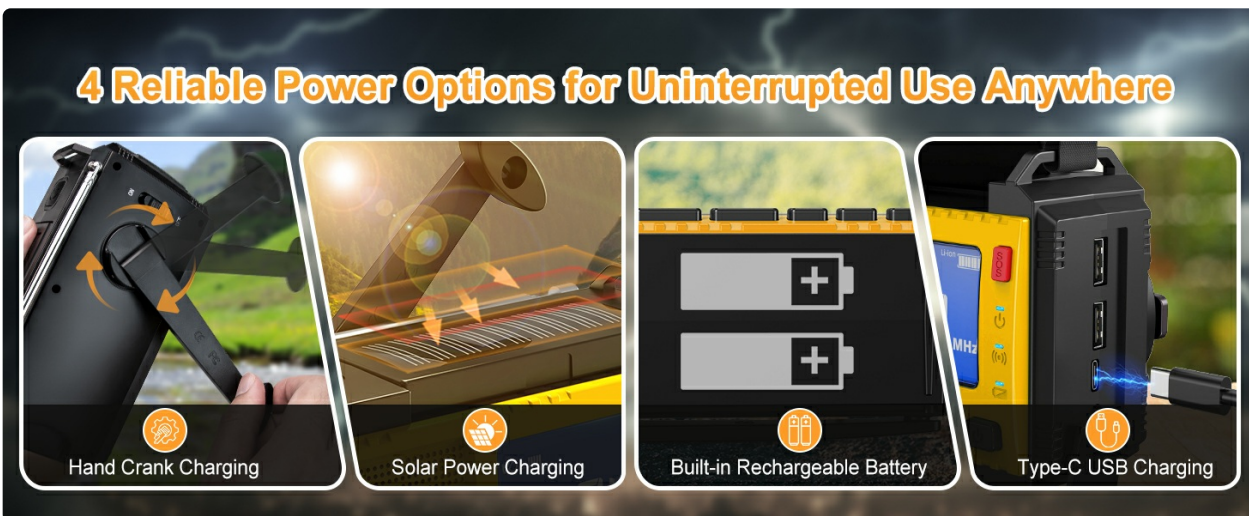


Image: A collage showing the four charging methods: hand cranking, solar panel exposure, the internal rechargeable battery, and connecting a Type-C USB cable.

4.4. 3-Mode Flashlight & 1.2W Reading Lamp

The device includes a powerful 2W flashlight with three modes (Far Beam, Dipped Beam, Dipped & Far Beam) for illumination. A 1.2W reading lamp is also integrated, ideal for nighttime activities.



Image: The Rychi radio's flashlight demonstrating its three modes, and the reading lamp providing ambient light for reading in a tent.

4.5. SOS Alarm

In emergencies, activate the loud SOS alarm and strobe light to attract attention and signal for help.



Loud **SOS** Alarm

In the event of an emergency you can press the **SOS** button and you can get help in time.

Image: The Rychi emergency radio with its SOS alarm and flashing light activated, indicating a distress signal.

4.6. 3.5mm Earphone Jack

A 3.5mm earphone jack is included for private listening, useful in quiet environments or when discretion is required.



Image: A person using earphones with the Rychi emergency radio in a camping setting, highlighting the 3.5mm earphone jack.

5. SETUP

Before initial use, ensure the battery switch on the back of the emergency radio is set to 'ON'. This activates the radio functions and allows for proper operation and charging.

7NOAA Weather Stations



NOTE:

Make sure the switch on the back of the radio is turned to the 'ON' button before use.

Image: A hand flipping the power switch on the back of the Rychi emergency radio to the 'ON' position, with a note emphasizing this step before use.

6. OPERATING INSTRUCTIONS

6.1. Turning On/Off and Volume Control

- Rotate the **Volume Dial** clockwise to turn the radio ON and increase volume.
- Rotate the **Volume Dial** counter-clockwise to decrease volume and turn the radio OFF.

6.2. Radio Band Selection (AM/FM/NOAA)

- Use the **Band Switch** to select between FM, AM, or WB (Weather Band).
- Extend the telescopic antenna for better signal reception, especially for FM and AM bands.
- Rotate the **Tuning Dial** to find your desired station. The LCD display will show the frequency.

6.3. Weather Alert Function

- When on the WB band, the radio can receive NOAA weather alerts.
- The built-in weather alert function will notify you of severe weather conditions.

6.4. Flashlight and Reading Lamp Operation

- Press the **Flashlight Button** to cycle through the 3 flashlight modes (Far Beam, Dipped Beam, Dipped & Far Beam) and turn it off.
- To use the **Reading Lamp**, lift the solar panel. The lamp will illuminate. Close the solar panel to turn it off.

6.5. SOS Alarm Activation

- Press the **SOS Button** to activate the loud alarm and flashing strobe light.
- Press the **SOS Button** again to deactivate the alarm.

7. CHARGING METHODS

7.1. USB Type-C Charging

- Connect the provided USB Type-C cable to the radio's input port and a compatible USB power adapter (not included).
- The battery indicator on the LCD display will show charging progress.

7.2. Solar Charging

- Place the radio in direct sunlight with the solar panel facing upwards.
- The solar panel charges the internal battery, providing a sustainable power source.

7.3. Hand-Crank Charging

- Unfold the hand crank located on the back of the radio.
- Rotate the hand crank clockwise or counter-clockwise at a steady pace to generate power.
- Continuous cranking will charge the internal battery.

7.4. External Device Charging

- Connect your mobile device to one of the radio's USB output ports using your device's charging cable.
- The radio's 10000mAh battery will act as a power bank to charge your external devices.

8. MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the radio in a cool, dry place when not in use for extended periods.
- Periodically charge the internal battery to maintain its lifespan, even if not in regular use.

9. TROUBLESHOOTING

- **No Power:** Ensure the battery switch on the back is set to 'ON'. Check battery level and recharge using any of the available methods.
- **Poor Radio Reception:** Extend the telescopic antenna fully. Try adjusting the radio's position or orientation. Ensure you are within range of broadcast signals.
- **Device Not Charging:** Verify that the charging cable is securely connected. Ensure the power source (USB adapter, sunlight, hand crank) is functioning correctly.
- **Flashlight/Lamp Not Working:** Check battery level. Ensure the correct button is pressed for the desired lighting mode.

10. SPECIFICATIONS

Feature	Specification
Model Number	MD-091P
Battery Capacity	10000mAh Lithium Polymer (included)
Radio Bands	AM/FM/NOAA Weather Band
Charging Methods	Type-C USB, Solar, Hand-Crank
Flashlight Power	2W (3 modes)
Reading Lamp Power	1.2W
SOS Alarm	Loud alarm with strobe light
Product Dimensions	6.88 x 3.13 x 3.84 inches
Item Weight	1.43 pounds

11. WARRANTY AND SUPPORT

The Rychi MD-091P Emergency Hand Crank Radio is backed by an 18-month replacement warranty. For any product inquiries, technical assistance, or warranty claims, please contact Rychi customer support. 24/7 support is available to ensure your peace of mind.

12. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video: An official seller video demonstrating the features and functionality of the Rychi Emergency Weather Radio, including AM/FM/NOAA bands and hand crank operation.