Raddy SH908

Raddy SH-908 Hand Crank Emergency Radio User Manual

Model: SH-908

1. INTRODUCTION

The Raddy SH-908 is a versatile and robust emergency radio designed to keep you informed and connected in various situations, from power outages to outdoor adventures. It features multiple power sources, including a 10,000mAh internal battery, solar panel, hand crank, and USB-C charging, along with AM/FM/SW radio reception, an LED flashlight, a reading lamp, an SOS alarm, and a built-in compass. This manual provides detailed instructions for its proper use and maintenance.

2. SAFETY INSTRUCTIONS

- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.
- Keep the device away from strong magnetic fields.
- Do not disassemble or attempt to repair the device yourself. Refer to qualified service personnel.
- Ensure all ports are dry before charging to prevent damage.
- When using the hand crank, apply steady, moderate force. Excessive force may cause damage.
- Dispose of batteries according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Raddy SH-908 Emergency Radio
- USB-C Charging Cable
- Wrist Strap
- Small Screwdriver
- Cleaning Brush

- User Manual (this document)

Image: Raddy SH-908 radio and its accessories, including a USB-C cable, wrist strap, small screwdriver, and cleaning brush.

4. Product Overview

Familiarize yourself with the main components and controls of the Raddy SH-908 radio.

- **Display Screen:** Shows frequency, battery level, and time.
- **Tuning Knob (TUN):** Adjusts radio frequency.
- **Volume Knob (VOL):** Adjusts audio output level.
- **Band/Scan Button:** Switches between AM/FM/SW bands and initiates auto-scan.
- **Mute Button:** Mutes/unmutes audio.
- **Time Button:** Sets time.
- **M-/M+ Buttons:** Navigate through preset stations or fine-tune frequency.
- **SOS Button:** Activates emergency alarm and light.
- **Flashlight:** Integrated LED light on one end.
- **Reading Lamp:** Fold-out lamp for ambient lighting.
- **Solar Panel:** Top-mounted panel for solar charging.

- **Hand Crank:** Foldable crank for manual power generation.

- **USB-C Input Port:** For charging the radio's internal battery.

- **USB-A Output Port:** For charging external devices.

- **AAA Battery Compartment:** For optional backup power.

- **Telescopic Antenna:** For improved radio reception.

- **Compass:** Built-in for navigation.

5. SETUP AND INITIAL USE

5.1 Initial Charging

Before first use, fully charge the internal 10,000mAh battery using the USB-C port.

1. Connect the provided USB-C cable to the radio's USB-C input port.

2. Connect the other end of the cable to a standard USB power adapter (not included) or a computer USB port.

3. The battery indicator on the display will show charging status. Charging is complete when the indicator shows full.

5.2 Installing AAA Batteries (Optional)

For additional backup power, you can install 3 AAA batteries (not included).

1. Locate the AAA battery compartment cover, usually on the side or back of the radio.

2. Use the provided screwdriver to open the compartment.

3. Insert 3 AAA batteries, ensuring correct polarity (+/-).

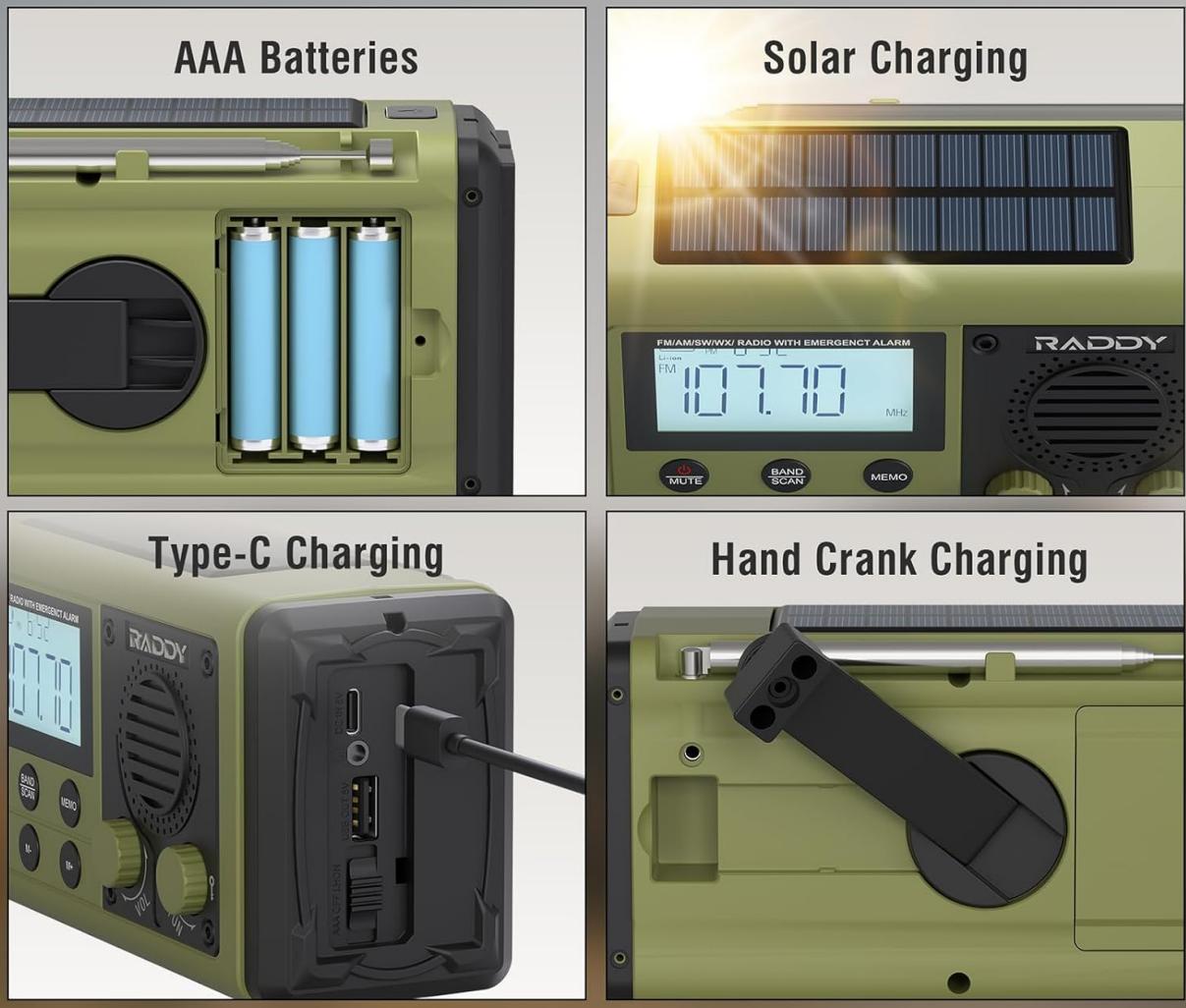4. Close the compartment cover securely.

Image: The Raddy SH-908 radio demonstrating its four charging methods: AAA battery installation, solar panel charging, USB-C port charging, and hand crank operation.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Press and hold the **POWER** button (if available, otherwise assume a dedicated button or a long press on a multi-function button) to turn the radio on or off. The display will illuminate.

6.2 Radio Operation (AM/FM/SW)

1. **Extend the Antenna:** Fully extend the telescopic antenna for optimal reception.
2. **Select Band:** Press the **BAND/SCAN** button to cycle through FM, AM, and SW bands.
3. **Tune Stations:**

   - **Manual Tuning:** Rotate the **TUN** knob to manually adjust the frequency.
   - **Auto Scan:** Press and hold the **BAND/SCAN** button to automatically scan for and save available stations.
   - **Preset Navigation:** Use the **M-** and **M+** buttons to cycle through saved preset stations.

4. **Adjust Volume:** Rotate the **VOL** knob to increase or decrease the volume.

Image: The Raddy SH-908 radio with its telescopic antenna extended, illustrating its AM/FM/SW radio capabilities.

6.3 Flashlight and Reading Lamp

- **Flashlight:** Press the dedicated **LIGHT** button (or similar) once to turn on the flashlight. Press again to turn off.
- **Reading Lamp:** Lift the reading lamp panel to activate the lamp. Close the panel to turn it off.

6.4 SOS Alarm

In an emergency, activate the SOS alarm:

- Press the **SOS** button. The radio will emit a loud siren and flash its lights.
- Press the **SOS** button again to deactivate the alarm.

6.5 Using as a Power Bank

The 10,000mAh internal battery can charge external devices.

1. Connect your device's charging cable to the radio's **USB-A Output Port**.

2. The radio will begin charging your device. Monitor your device's charging status.

Image: The Raddy SH-908 radio charging a smartphone, demonstrating its 10,000mAh power bank functionality.

6.6 Charging the Radio

The Raddy SH-908 offers four ways to recharge its internal battery:

- **USB-C Charging:** (Refer to Section 5.1 Initial Charging).
- **Hand Crank Charging:** Rotate the hand crank clockwise or counter-clockwise at a steady pace (approximately 120-150 RPM) for 3-5 minutes to generate power for short-term use.
- **Solar Charging:** Place the radio with the solar panel facing direct sunlight. This method is primarily for maintaining battery charge or for slow charging in emergencies.
- **AAA Batteries:** If installed, the radio can draw power from the AAA batteries when the internal rechargeable battery is depleted.

6.7 Compass Usage

The integrated compass can assist with basic navigation. Hold the radio level and away from metallic objects to get an accurate reading.

7. MAINTENANCE

7.1 Cleaning

Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Use the provided cleaning brush to remove dust from crevices.

7.2 Water Resistance (IPX6)

The Raddy SH-908 is IPX6 waterproof, meaning it is protected against powerful water jets. It is not designed for submersion. Ensure all port covers are securely closed to maintain water resistance.

Image: The Raddy SH-908 radio being splashed with water, illustrating its IPX6 water resistance.

7.3 Battery Care

- For optimal battery life, fully charge the internal battery at least once every three months if not in regular use.
- Remove AAA batteries if the radio will not be used for an extended period to prevent leakage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	Battery is depleted.	Charge the radio via USB-C, hand crank, or solar panel. Check AAA batteries if installed.
Poor radio reception.	Antenna not extended; weak signal; interference.	Fully extend the telescopic antenna. Try repositioning the radio.
Cannot charge external device.	Radio battery is low; incorrect cable; device not compatible.	Ensure the radio's internal battery is sufficiently charged. Use a compatible USB cable.
Hand crank is stiff or not charging.	Crank mechanism obstructed or damaged.	Ensure no debris is obstructing the crank. Apply steady, moderate force. If persistent, contact support.

9. SPECIFICATIONS

Feature	Detail
Model	SH-908
Radio Bands	AM, FM, SW
Internal Battery	10,000mAh (rechargeable)
Backup Power	3 x AAA batteries (not included)
Charging Methods	USB-C, Hand Crank, Solar Panel
Output Port	USB-A (for charging external devices)
Water Resistance	IPX6
Lighting	LED Flashlight, Reading Lamp
Additional Features	SOS Alarm, Built-in Compass
Dimensions (approx.)	16.7 cm (L) x 8.5 cm (W) x 6.7 cm (H)
Weight (approx.)	680 g

10. WARRANTY AND SUPPORT

Raddy products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your purchase or visit the official Raddy website. For technical support or inquiries, please contact Raddy customer service through the contact information provided on the product packaging or website.

Please retain your proof of purchase for any warranty claims.