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› [4Patriots Liberty Band Emergency Solar Radio: NOAA Weather Radio with Solar Panel & Power Bank](#)

4Patriots Liberty Band Emergency Solar Radio

4Patriots Liberty Band Emergency Solar Radio User Manual

Model: Liberty Band Emergency Solar Radio

INTRODUCTION

The 4Patriots Liberty Band Emergency Solar Radio is a multi-functional device designed to provide essential communication and power during emergencies, power outages, or outdoor activities. It integrates a radio receiver with multiple bands, a power bank for charging small devices, and a built-in flashlight, all powered by various charging methods including solar and hand-crank.



Image: Front view of the 4Patriots Liberty Band Emergency Solar Radio, showing the display, speaker, and control buttons.

KEY FEATURES

- **Multiple Charging Options:** Recharge using the integrated solar panel, hand-crank dynamo, AC cord (USB), or standard AA batteries.
- **NOAA Weather-Alert Protection:** Receive 24/7 weather forecasts and alerts from NOAA, AM, FM, and Shortwave

(SW) stations.

- **Power Bank Functionality:** Utilize the USB output to provide emergency power to critical devices like smartphones.
- **Integrated Flashlight:** A 3-LED ultra-bright flashlight provides illumination in dark conditions.
- **Compact and Portable Design:** Lightweight and designed for easy transport and storage.
- **Digital Display with Clock and Alarm:** Features an LCD display showing time and radio frequency, with an alarm function.
- **Earphone Jack:** For private listening.

SETUP

Initial Charging

Before first use, it is recommended to fully charge the internal battery using the included AC cord. Connect the micro-USB end of the cable to the radio's charging port and the USB-A end to a compatible USB power adapter (not included) or computer USB port. The charging indicator light will illuminate.

Battery Installation (Optional)

The radio can also operate on 3x AA batteries (not included) as an alternative power source. Open the battery compartment cover on the back of the unit and insert the batteries, ensuring correct polarity. This provides an additional layer of power redundancy.

Hand Crank



Micro-USB Cord



Battery Operated



Solar Powered



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4 Ways to Charge

Image: A collage demonstrating the four ways to charge the radio: hand crank, micro-USB, battery compartment for AA batteries, and the solar panel.

OPERATING INSTRUCTIONS

Power On/Off

Press the **Power** button () to turn the radio on or off.

Tuning and Volume

- Use the **MODE** button to cycle through AM, FM, SW, and WB (Weather Band) modes.
- In radio mode, use the **TUNE+** and **TUNE-** buttons to adjust the frequency.
- Adjust the volume using the **VOL+** and **VOL-** buttons.

Weather Alert Mode

In Weather Band (WB) mode, the radio can be set to alert mode. When activated, the radio will remain silent until an

extreme weather alert is broadcast, at which point it will automatically sound an alarm and play the alert. Refer to the full owner's manual for detailed instructions on setting up weather alerts.



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24/7 Weather Protection

Image: The radio displaying "ALERT" on its screen, with red rings symbolizing an active weather alert.

Flashlight Operation

Press the dedicated flashlight button (usually located near the flashlight LEDs) to turn the 3-LED flashlight on or off.



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Ultra-Bright Flashlight

Image: The radio's flashlight in use, providing illumination.

Using as a Power Bank

To charge external devices, connect your device's USB charging cable to the USB output port on the radio. The radio's internal battery will then supply power to your device. This feature is intended for emergency charging to provide a "pinch" of power to critical devices.



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Powers Your Phone

Image: The radio connected to a smartphone, demonstrating its power bank function.

Setting Clock and Alarm

The radio features a digital clock with an alarm function. Consult the detailed owner's manual for specific button sequences to set the time and alarm.

Earphone Use

For private listening, plug standard 3.5mm earphones into the earphone jack located on the side of the radio.

CHARGING OPTIONS IN DETAIL

The Liberty Band Emergency Solar Radio offers four distinct ways to ensure it always has power:

1. **Solar Panel:** Place the radio with the solar panel facing direct sunlight. This method provides a continuous trickle charge, ideal for maintaining battery levels over time or for emergency charging when other sources are unavailable.
2. **Hand-Crank Dynamo:** Extend the hand-crank handle and rotate it clockwise or counter-clockwise at a steady pace. A few minutes of cranking can provide enough power for short periods of radio use or a quick burst of flashlight illumination.

- 3. **USB Charging:** Use the included micro-USB cable to connect the radio to any standard USB power source (e.g., wall adapter, computer, power bank). This is the fastest charging method for the internal battery.
- 4. **AA Batteries:** As mentioned in the setup section, 3x AA batteries can be inserted into the battery compartment to power the radio directly, offering a convenient backup.

MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the internal battery is partially charged (around 50%) and remove any AA batteries to prevent leakage.
- **Battery Care:** Periodically charge the internal battery, even if not in use, to maintain its lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Internal battery is depleted; AA batteries are dead or incorrectly installed.	Charge the internal battery via USB, solar, or hand-crank. Check and replace AA batteries if used.
Poor radio reception.	Weak signal; antenna not extended; interference.	Fully extend the telescopic antenna. Reposition the radio for better signal. Avoid strong electromagnetic fields.
Device not charging via USB output.	Radio's internal battery is low; device cable is faulty; device requires more power than supplied.	Ensure the radio's internal battery is sufficiently charged. Try a different USB cable. Note that the radio provides emergency power and may not fully charge all devices.
Flashlight is dim or not working.	Internal battery is low.	Recharge the radio's internal battery.

PRODUCT SPECIFICATIONS

- **Model:** Liberty Band Emergency Solar Radio
- **Dimensions:** 3.75"L x 2"W x 7.75"H (9.53 cm x 5.08 cm x 19.69 cm)
- **Weight:** 1 pound (0.45 kg)
- **Power Source:** Solar Powered, Hand-Crank, USB (AC), 3x AA Batteries (not included)
- **Internal Battery:** 1 Lithium Polymer battery (included)
- **Tuner Technology:** AM/FM
- **Radio Bands Supported:** SW (Shortwave), FM, AM, NOAA Weather Band (WB)
- **Connectivity:** USB (for charging external devices)
- **Special Features:** Portable, 3-LED Flashlight, Power Bank, Digital Clock with Alarm
- **Included Components:** Owner's Manual



Image: Diagram showing the dimensions of the radio.



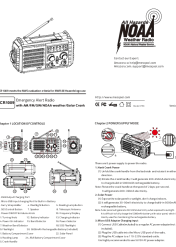

OFFICIAL PRODUCT VIDEO

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Video: An official product video from 4Patriots demonstrating the key features and benefits of the Liberty Band Emergency Solar Radio, including its real-time alerts, super bright light, charging outputs, clock with alarm, earphone jack, and multiple charging options.

WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical support, please refer to the owner's manual included with your product or visit the official 4Patriots website. Contact information for customer service is typically provided within the manual.

 <p>User Manual</p> <p>CONTENTS:</p> <ul style="list-style-type: none"> • RADIO OPERATION • POWER YOUR RADIO • CHARGE EXTERNAL DEVICES • SPECIFICATIONS • SAFETY INSTRUCTIONS • WARRANTY 	<p>RunningSnail MD-090 Emergency Crank Radio User Manual</p> <p>Comprehensive guide to the RunningSnail MD-090 emergency crank radio, covering operation, power sources (solar, USB, hand crank, AAA), charging external devices, specifications, safety instructions, and warranty information.</p>
 <p>User Manual</p> <p>Multi-function NOAA AM FM SW BT emergency hand crank solar weather alert radio.</p> <p>Model:1199</p>	<p>Multi-function Emergency Weather Alert Radio User Manual - Model 1199</p> <p>User manual for the Model 1199 multi-function emergency hand crank solar weather alert radio. Features include AM/FM/SW/WB radio, NOAA alerts, flashlight, SOS alarm, USB charging, and reading lamp.</p>
	<p>Raynic CR1009 Emergency Alert Radio User Manual</p> <p>User manual for the Raynic CR1009 Emergency Alert Radio, detailing its features, controls, power modes, and specifications. This radio includes AM/FM/SW/NOAA weather bands, a flashlight, reading lamp, SOS alarm, and solar/crank charging capabilities.</p>
 <p>Mesqool</p> <p>CR1009</p>	<p>Mesqool CR1009 Emergency Alert Radio User Manual</p> <p>Comprehensive user manual for the Mesqool CR1009 Emergency Alert Radio, detailing its features, operation, power supply modes, and specifications. Includes AM/FM/SW/NOAA weather bands, solar crank, and USB charging capabilities.</p>
 <p>WINBEST</p> <p>Hand Crank Flashlight Radio</p>	<p>BARSKA Hand Crank Flashlight Radio User Manual and Specifications</p> <p>Comprehensive guide to the BARSKA Hand Crank Flashlight Radio (Model BC369, BK12224), detailing its features, specifications, charging methods (solar, hand crank, USB), radio operation, flashlight use, maintenance, and 1-year limited warranty.</p>
	<p>ROCAM CR1009 Emergency Alert Radio User Manual</p> <p>Comprehensive user manual for the ROCAM CR1009 Emergency Alert Radio, detailing its features, operation, power supply modes, radio functions, and specifications. Includes AM/FM/SW, NOAA weather alerts, solar crank, flashlight, and phone charging capabilities.</p>