

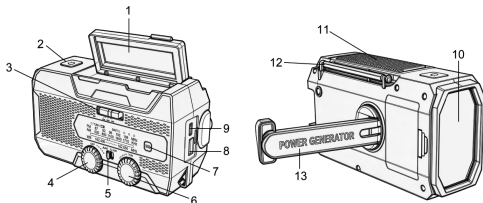
Multi-Function Emergency Radio A1

User Manual

Product Overview

The A1 is a multifunctional emergency device integrating radio, emergency alarm, lighting, and charging capabilities. Designed for outdoor adventures and emergency preparedness, it offers user-friendly operation and extended battery life.

1 Button Guide



1. Reading light 2. Flashlight Button 3. Frequency band indicator 4. Power switch/Volume knob 5. Battery Selector Switch 6. Tuning knob 7. SOS button 8. USB Output 9. USB Input 10. Flashlight 11. Solar panel 12. Antenna 13. Hand crank

2 Function Operation Instructions

2.1 Radio Operation

1. Extend the antenna [12] to ensure stable signal reception.
2. Turn the volume knob switch [4] clockwise to power on.
3. Use the Frequency band indicator [3] to select the desired channel. Adjust the tuning knob [6] to search for the target station. Once locked, fine-tune to achieve the clearest signal.
4. Volume Adjustment: Rotate the volume knob [4] to set the desired volume level.
5. Power Off: Rotate the volume knob switch [4] counterclockwise to the OFF position to turn off the radio.

2.2 Charging and Discharging Functions

- Charging: The radio offers three charging methods: USB charging, solar charging, and hand-crank generator charging.
- 1. Connect the USB cable to a power adapter. The red power indicator will flash. Once fully charged, the indicator will remain steady.
- 2. Open the hand crank on the back of the radio and turn it clockwise or counterclockwise to charge the device. Rotate the crank at a speed of 130-150 revolutions per minute for 3-5 minutes. During charging, the red power indicator light will remain solid.
- 3. Expose the solar panel to sunlight to generate electricity and charge the radio. During charging, the red power indicator will remain solid.
- Discharging: The radio's built-in polymer battery can provide emergency charging for digital devices like smartphones via the device's USB port. Output: 5V DC, current not exceeding 2A.

3. Lighting Function

- Flashlight: Repeatedly press the flashlight switch button [2] to cycle through high beam, low beam, and off functions.
- Reading Lamp: Lift the solar panel to reveal the integrated reading lamp beneath. Comprising 48 COB LED clusters, The lamp emits soft illumination ideal for close-range reading.

4. SOS Alarm Function

- In emergencies, press and hold the SOS alarm button [7] for 3 seconds. The device emits a high-decibel alarm sound and flashing light signal. The signal pattern is three long flashes, three short flashes, three long flashes, representing the Morse code for SOS. Press button [7] again briefly to deactivate the alarm.

5. Specifications

Item	Details
Battery Capacity	10000mAh, 3.7V, USB output conversion rate >70%
Product Weight	560g (1.2 lb)
Charging Parameters	DC 5V/2A; DC 5V/2A
Battery Life	Radio: 90 hours; LED Flashlight: 14 hours; Reading Light: 20 hours
Frequency Range	AM: 520-1710 kHz; FM: 87-108 MHz; WB: 162.400-162.550 MHz

* This channel is only available in the United States.

6 Common Troubleshooting

Problem Symptom	Troubleshooting Method
No Radio Signal	1. Extend the antenna and adjust its position; 2. Verify power supply is connected; 3. Move the radio to an open area.
Unable to Charge	1. Inspect the USB cable for damage; 2. Verify the power adapter meets charging specifications; try replacing both the data cable and charger.
Lighting Not Working	1. Check if the device has sufficient battery power; 2. Ensure the appropriate lighting mode is selected; 3. Try restarting the device.
SOS alarm not working	1. Check if the battery is sufficiently charged; 2. Ensure the button is pressed and held for at least 3 seconds; 3. The button features anti disoperation protection, requiring a firm press and hold for 3 seconds -

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.