

Puiuisoul 090P

Puiuisoul 4000mAh Emergency Weather Radio (Model 090P) Instruction Manual

Brand: Puiuisoul | Model: 090P

INTRODUCTION

The Puiuisoul 4000mAh Emergency Weather Radio (Model 090P) is a versatile device designed to provide essential communication, illumination, and power in emergency situations. It features multiple power sources, including solar, hand crank, and USB charging, ensuring functionality even during power outages. This manual provides detailed instructions for the safe and effective use of your emergency radio.

KEY FEATURES

- **AM/FM/NOAA Weather Band Radio:** Receive local and national weather alerts and broadcasts.
- **Multiple Power Sources:** 4000mAh rechargeable battery, solar panel, hand crank, and USB charging.
- **3-Mode LED Flashlight:** Provides illumination with different brightness settings.
- **Motion Sensor Reading Lamp:** Automatically illuminates when motion is detected, ideal for low-light conditions.
- **SOS Alarm:** Activates a loud siren and flashing light for emergency signaling.
- **Power Bank Function:** Charge external USB devices like smartphones.
- **Battery Indicator:** Displays remaining battery capacity.
- **IPX3 Waterproof:** Provides protection against splashing water.

PACKAGE CONTENTS

- Puiuisoul Emergency Weather Radio (Model 090P) x 1
- Micro USB Charging Cable x 1
- User Manual x 1

SETUP

1. **Initial Charge:** Before first use, fully charge the radio using the supplied Micro USB cable. Connect the

Micro USB end to the radio's input port and the USB-A end to a power adapter (not included). The blue power indicator lights will illuminate during charging.

2. **Antenna Extension:** For optimal radio reception, especially for FM and NOAA broadcasts, extend the telescopic antenna fully.



Image: The Puiuisoul Emergency Radio showing the extended antenna and charging cable connected.

OPERATING INSTRUCTIONS

1. Radio Operation

1. **Power On/Off & Volume:** Turn the "VOL" dial clockwise to power on the radio and adjust the volume. Turn counter-clockwise to the "OFF" position to power off.
2. **Band Selection:** Use the "WB/FM/AM" switch to select the desired radio band (Weather Band, FM, or AM).
3. **Tuning:** Turn the "TUNING" dial to select a station. The green "TUN" indicator light will illuminate when a strong signal is engaged.

4-ways To Power

Never lose power while you are need



Hand Crank



Solar Panel



USB Charging



Rechargeable Battery

Image: Front view of the radio with controls for volume, tuning, and band selection (WB, FM, AM).

2. Flashlight Operation

- Press the flashlight button once for the **Far Beam** mode.
- Press the button a second time for the **Dipped Beam** mode.
- Press the button a third time for the **Mixed Beam** (both far and dipped beams).
- Press the button a fourth time to turn the flashlight off.

3 MODES LED FLASHLIGHT

Long press the light button to turn on the flashlight

Dipped Beam



Far Beam



Mixed Beam

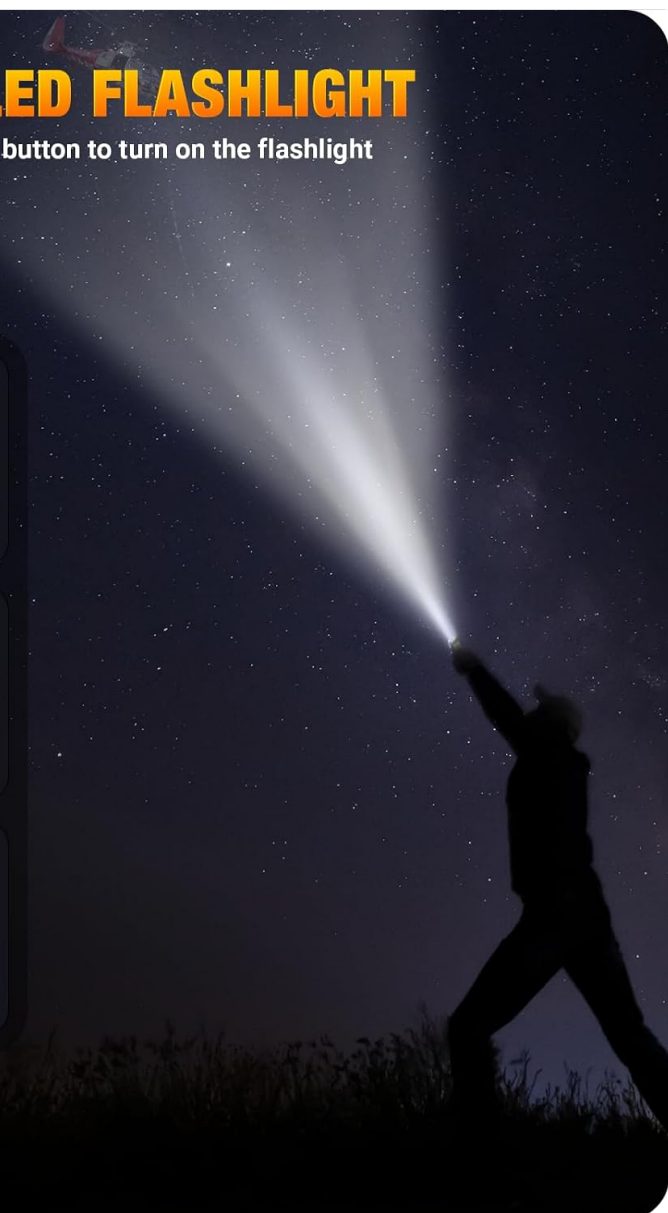


Image: The radio's flashlight showing its three distinct modes of illumination.

3. Reading Lamp Operation (Motion Sensor)

- Slide the sensor switch to the **AUTO** position to activate the motion sensor reading lamp. The lamp will light up when human movement is detected within 3 meters.
- The reading lamp will turn off automatically after 30 seconds of no human movement.
- To turn off the motion sensor function, slide the switch to the **LIGHT** position.

Comes LEDReading Light

The light is soft and not dazzling



When animals or people approach

Will automatically light up to repel the threat



Image: The reading lamp is shown in use, demonstrating its illumination and motion sensor capability.

4. SOS Alarm

- Press and hold the "SOS" button for approximately 3 seconds to activate a loud siren and a flashing far beam light.
- Press the "SOS" button again to turn it off.

SOS Alarm > 90db Strobe/SOS

Long press the SOS
button about 3S for help in the emergency



Image: The SOS button on the radio, indicating its emergency signaling function.

5. Charging External Devices (Power Bank)

- Open the waterproof cover on the side of the radio to access the USB output port.
- Connect your device's USB charging cable to the radio's USB output port.
- The radio's 4000mAh battery will begin charging your external device. Note that the power indicator lights will diminish as power is transferred.
- **Important:** This feature is intended for emergency use only, not as a regular power bank.

CHARGING THE RADIO

The Puiuisoul Emergency Weather Radio offers multiple ways to recharge its internal 4000mAh battery.

Large capacity battery replaceable

Fast charging for your phone in case of emergency



Image: Internal view of the radio highlighting the 4000mAh replaceable battery.

1. USB Charging (Primary Method)

- Connect the supplied Micro USB cable to the radio's Micro USB input port (located under the waterproof cover on the side).
- Connect the USB-A end to a standard USB power adapter (e.g., phone charger, computer USB port).
- The blue power indicator lights will illuminate sequentially during charging. A full charge typically takes 5-6 hours.
- It is recommended to charge the radio at least once every three months to maintain battery health.

2. Hand Crank Charging

- Unfold the hand crank handle located on the back of the radio.
- Rotate the handle clockwise or counter-clockwise at a speed of approximately 130 RPM.
- One minute of cranking can provide approximately 30 minutes of flashlight illumination or 6 minutes of radio use.

3. Solar Charging

- Place the radio with the solar panel facing direct sunlight.
- The red power indicator light will illuminate when the radio receives sufficient sunlight to begin charging.

- Solar charging is primarily for maintaining the battery charge and extending battery life, not for rapid charging.



Image: Visual representation of the four power methods: hand crank, solar panel, USB charging, and replaceable battery.

BATTERY INFORMATION

- **Battery Type:** 4000mAh 3.7V Li-ion (replaceable).
- **Battery Protection:** The radio is designed with a feature to prevent damage from over-discharge, over-charge, and short circuits. It will shut down if the voltage is below 2.7V.
- **Replacement:** To replace the battery, open the battery cover using a screwdriver. Insert two new 18650 Li-ion batteries into the battery compartment, then close the cover.
- **Power Indicator:** Four blue LED lights indicate battery capacity:
 - 4 lights up: $C > 75\%$
 - 3 lights up: $50\% < C \leq 75\%$
 - 2 lights up: $25\% < C \leq 50\%$
 - 1 light up: $3\% < C \leq 25\%$
 - First light flash: $C \leq 3\%$ (C means capacity)

MAINTENANCE

- **Waterproof Level:** IPX3 (protected against spraying water). Do not immerse the device in water.
- **Storage:** If the unit is idle for over 60 days, please hand crank for 1 minute to activate the internal battery before use.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Safety:** Avoid directing the flashlight beam directly into eyes, as it may cause harm.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio not turning on.	Battery is depleted.	Charge the radio via USB, hand crank, or solar power.
Poor radio reception.	Antenna not fully extended or weak signal.	Fully extend the telescopic antenna. Try repositioning the radio for better signal.
Flashlight/Reading Lamp not working.	Battery is low or light mode not selected correctly.	Charge the radio. Ensure the correct light mode is selected or motion sensor is activated.
External device not charging.	Radio battery is too low or incorrect cable/port used.	Ensure the radio has sufficient charge. Use the correct USB output port and a compatible charging cable.

SPECIFICATIONS

- **Model:** 090P
- **Dimensions:** 3.9"L x 2.9"W x 8"H (160*63*81mm)
- **Weight:** 15.1 ounces (380g)
- **Frequency Range:** FM 87-108MHz, AM 520-1710KHz, WB 162.400-162.550MHz
- **Power Source:** 4000mAh 3.7V Li-ion Polymer Battery, Solar, Hand Crank, USB Cord
- **USB Output:** 5V, 1A
- **Charging Time (USB):** 5-6 hours
- **Waterproof Level:** IPX3
- **LED Flashlight:** 135LM (Max)
- **LED Lighting Duration (Fully Charged):**
 - Far beam or dipped beam: > 16 hours
 - Far beam and dipped beam: > 10 hours
 - Reading lamp: > 20 hours
 - Broadcast (middle volume): > 2000 minutes

WARRANTY & SUPPORT

The device has a full 12-month warranty against manufacturing defects from the date of purchase. For customer service or support, please contact Puiuisoul Stores. We are committed to providing assistance for our products.

OFFICIAL PRODUCT VIDEOS

Detailed description of the emergency radio

Your browser does not support the video tag.

Video: A comprehensive overview of the Puiuisoul Emergency Radio's features and functions, provided by the seller.

© 2024 Puiuisoul. All rights reserved.