FosPower FOSPWB-2419

FosPower Emergency Weather Radio

MODEL A6 (FOSPWB-2419) USER MANUAL

1. Important Safety Instructions

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Keep the device away from water and other liquids. If it gets wet, turn it off immediately and allow it to dry completely before reuse.
- Do not attempt to disassemble, repair, or modify the device. Refer all servicing to qualified personnel.
- Use only specified charging methods (USB-C, solar, hand crank).
- Keep out of reach of children.
- Dispose of batteries according to local regulations.

2. Product Overview

The FosPower Emergency Weather Radio Model A6 is a versatile device designed for emergency preparedness and outdoor activities. It features multiple power sources, radio reception, lighting, and a power bank function.

Image 2.1: Front view of the FosPower Emergency Weather Radio with key components labeled, including the crank handle, solar panel, SOS alarm button, power indicators, LED reading light, USB port, LED flashlights, AM/FM/Weather band selector, volume and tuning knobs, and headphone jack.

Key Features:

- **NOAA/AM/FM Radio:** Access local weather information and emergency hazard alerts, as well as standard AM/FM broadcasts.
- **19240mWh (5200mAh) Power Bank:** Charge USB devices during power outages or in outdoor settings.
- **Multiple Power Sources:** Recharge via USB-C cable, solar panel, or hand crank. Can also be powered by AA batteries (not included).
- **SOS Alarm:** Activates a loud siren and flashing light for emergency signaling.
- **Integrated Lighting:** Features a powerful flashlight and a reading light.
- **IPX3 Water Resistance:** Provides protection against splashing water.

3. Setup

3.1 Initial Charging

Before first use, fully charge the internal battery using the provided USB-C cable. Connect the USB-C cable

to the radio's USB-C port and the other end to a USB power adapter (not included) or a computer USB port. The power indicators will illuminate to show charging progress.

3.2 AA Battery Installation (Optional)

The radio can also operate on 3 AA batteries (not included) as a backup power source. Open the battery compartment cover on the back of the radio and insert 3 AA batteries, ensuring correct polarity. Close the cover securely.

MULTIPLE POWER SOURCE
Rechargeable battery lasts
up to 42 hours* with continuous use

Solar Panel

Hand-Crank

AA Batteries

USB Charger

*while listening to the radio with medium volume level.

Image 3.1: Rear view of the radio highlighting the solar panel, hand-crank, AA battery compartment, and USB charging port, illustrating the multiple power sources.

4. Operating Instructions

4.1 Radio Operation

1. **Power On/Off:** Rotate the 'VOLUME' knob clockwise to turn the radio on and adjust the volume. Rotate counter-clockwise until it clicks to turn off.
2. **Band Selection:** Use the 'WEATHER BAND' switch to select between AM, FM, or WB (Weather Band).
3. **Tuning:** Rotate the 'TUNING' knob to scan for radio stations. Extend the telescopic antenna for improved reception, especially for FM and WB.

4. **NOAA Weather Band:** When WB is selected, the radio will receive NOAA weather alerts. The radio supports 7 preset weather bands.

5. **Headphone Jack:** For private listening, connect 3.5mm headphones to the headphone jack.

4.2 Flashlight and Reading Light

Image 4.1: The radio demonstrating its high-power flashlight and cool-tone reading lamp features.

- **Flashlight:** Press the flashlight button located on the front of the radio to turn the flashlight on or off.
- **Reading Light:** Lift the solar panel to reveal the LED reading light. Press the reading light button to turn it on or off.

4.3 SOS Alarm

Image 4.2: Close-up of the radio's SOS button and an illustration of the siren and strobe light being activated.

In an emergency, press and hold the 'SOS' button to activate a loud 120dB siren and a flashing strobe light. Press the 'SOS' button again to deactivate.

4.4 Charging External Devices (Power Bank)

Smartphone

Tablet

Small Electronics

FOSPOWER

FM 87 91 95 102 108 MHz
AM 52 80 100 104 171 KHz x1
WB 162. 400 ----- 162. 550 MHz

VOLUME   TUNING

WEATHER BAND

AA   LI-ION

19240mWh POWER BANK
Emergency Power Supply to power up your phones

Image 4.3: The radio connected via USB to a smartphone, demonstrating its power bank capability for charging small electronics.

Connect your USB-powered device (e.g., smartphone, tablet) to the radio's USB-A output port using your device's charging cable. The radio's internal battery will begin charging your device.

4.5 Charging the Radio

- **USB-C Charging:** Connect the provided USB-C cable to the radio's USB-C input port and a USB power source. This is the most efficient charging method.
- **Solar Charging:** Place the radio with the solar panel facing direct sunlight. The solar panel charges the internal battery, primarily for maintaining charge or slow charging in emergencies.
- **Hand Crank Charging:** Rotate the hand crank clockwise or counter-clockwise at a steady pace (approximately 130-150 RPM) for 3-5 minutes to generate power for short-term use or to initiate charging.

5. Maintenance

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight when not in use for extended periods. For optimal battery health, fully charge the internal battery every 3-6 months.
- **Battery Care:** If using AA batteries, remove them if the radio will not be used for a long time to prevent leakage.

6. Troubleshooting

Problem	Possible Cause	Solution
Radio does not turn on.	Internal battery is depleted; AA batteries are depleted or incorrectly installed.	Charge the internal battery via USB-C or hand crank. Check and replace AA batteries if used.
Poor radio reception.	Antenna not extended; weak signal area; interference.	Fully extend the telescopic antenna. Adjust radio position. Try tuning to a stronger station.
External device not charging.	Radio's internal battery is low; incorrect cable; device not compatible.	Ensure the radio's internal battery is sufficiently charged. Use a functional USB charging cable. Verify device compatibility.
Hand crank is stiff or not generating power.	Mechanism obstruction; improper cranking speed.	Ensure no obstructions. Crank at a steady, moderate pace (130-150 RPM).

7. Specifications

Feature	Detail
Model Number	FOSPWB-2419
Product Dimensions	6.76 x 3.52 x 2.59 inches
Item Weight	1.08 pounds
Internal Battery	19240mWh (5200mAh)
External Battery Support	3 x AA batteries (not included)
Radio Bands	AM, FM, NOAA Weather Band (WB)
Charging Methods	USB-C, Solar, Hand Crank
Special Features	Built-In Flashlight, Reading Light, SOS Alarm, Power Bank
Water Resistance	IPX3

8. Warranty and Support

FosPower provides a limited lifetime warranty for this product. For warranty claims, technical assistance, or customer service inquiries, please contact FosPower's USA-based customer support team. Refer to the official FosPower website or your purchase documentation for contact details.

Related Documents - FOSPWB-2419

	FosPower Solar Crank Radio User Manual and Specifications This document provides instructions, specifications, and operational details for the FosPower Solar Crank Radio, a portable emergency device with AM/FM/WB radio, flashlight, reading lamp, SOS alarm, and a 4000mAh power bank.
	FosPower Solar Crank Radio D8 (FOSPWB-2436PP) User Manual User manual for the FosPower Solar Crank Radio Model D8 (FOSPWB-2436PP). Details features like AM/FM/WB radio, flashlight, SOS alarm, 10,000mAh power bank, and various charging methods. Includes specifications, operation, safety guidelines, and warranty information.
	FosPower Kids Wireless Headphones BTH20K - User Manual & Features Comprehensive guide to FosPower Kids Wireless Headphones BTH20K (Models FOSHP-2446PA & FOSHP-2447PB), covering setup, features, specifications, and troubleshooting. Features light-up ears and volume limits for safe listening.
	FosPower 7-Day Digital Programmable Outlet Timer User Manual User manual for the FosPower 7-Day Digital Programmable Outlet Timer (FOSCHR-2366US), detailing setup, programming, modes, and safety warnings.
	Fospower FOSHO-2366US 7-Day Digital Programmable Outlet Timer User Manual User manual for the Fospower FOSHO-2366US 7-Day Digital Programmable Outlet Timer with two outlets. Features include 10 ON/OFF programs, AUTO/MANUAL modes, Daylight Savings Time, Random function, and Countdown function.
	FosPower Solar Crank Radio User Manual and Specifications This document provides instructions, specifications, and operational details for the FosPower Solar Crank Radio, a portable emergency device with AM/FM/WB radio, flashlight, reading lamp, SOS alarm, and a 4000mAh power bank.