

**Model:** xsy-330 | **Brand:** Leaton | **Color:** Green (also available in other colors)

## Overview

The Leaton Hand Crank Emergency Radio is a portable, multi-power-source device designed for emergency preparedness, camping, and outdoor use. It integrates a NOAA/AM/FM weather radio, a 10000mAh power bank, dual LED lighting, an SOS alarm, and a compass into a single IPX6 water-resistant unit.



### Key capabilities at a glance:

- NOAA Weather Alert + AM/FM radio reception
- 10000mAh lithium polymer rechargeable battery (also functions as a power bank)
- Three recharging methods: USB-C, hand crank, solar panel

- 48-LED reading lamp + 20-LED flashlight
- SOS alarm (audible up to several hundred yards)
- Built-in compass
- IPX6 water-resistant rating

## What's in the Box

- 1 × Leaton Emergency Radio (model xsy-330)
- 1 × USB Type-C charging cable
- 1 × Owner's Manual

## Features

### 1. Radio – NOAA / AM / FM

Tune into NOAA weather alerts (7 bands, 162.400–162.550 MHz), AM (520–1710 kHz), and FM (87–108 MHz). The large analog tuning knob and tactile buttons are designed for low-light or gloved-hand operation.

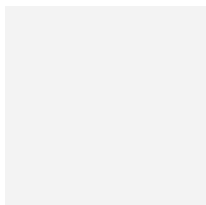
**Note:** This radio does *not* include S.A.M.E. technology for automated localized alerts. Always monitor your local NOAA station for real-time updates.

### 2. Power Sources & Battery

The built-in 10000mAh lithium polymer battery can be recharged in three ways:

- **USB-C (fastest):** 2A input; full charge in under 8 hours.
- **Hand crank:** Rotate the crank to generate emergency power.
- **Solar panel:** Place the radio in direct sunlight for trickle charging.

The battery also serves as a power bank – use the USB-A output port to charge smartphones or other devices.



### 3. Lighting – Flashlight & Reading Lamp

Two independent light sources:

- **20-LED flashlight:** Provides a focused beam for outdoor tasks and trail walking. Three modes: Far Beam, Dipped Beam, and Mixed Beam.

- **48-LED reading lamp:** Floods a room or tent (up to 20 m<sup>2</sup>) with warm, hands-free light for cooking, reading, or navigating.

#### 4. SOS Alarm & Compass

The SOS alarm emits a loud signal (audible up to several hundred yards) to attract attention. The built-in compass helps with orientation when GPS or cellular service is unavailable.

#### 5. Build & Durability

- **IPX6 water-resistant:** Withstands heavy rain and splashes from any angle.
- **Non-slip textured grip** for secure handling.
- **Compact dimensions:** 6.2" L × 2.5" W × 3.9" H (approx. 6.3" × 3.5" × 3.1" including protrusions).
- **Weight:** 600 g (1.1 lbs).
- **Enclosure material:** ABS (Acrylonitrile Butadiene Styrene).

### Controls & Indicators

Control / Indicator	Function
Analog Tuning Knob	Select AM, FM, or NOAA frequency
Power / Volume Dial	Turn radio on/off; adjust volume
Flashlight Button	Cycle through flashlight modes (Far / Dipped / Mixed)
Reading Lamp Button	Toggle the 48-LED reading lamp on/off
SOS Button	Activate the SOS alarm and strobe
USB-C Port	Charge the internal battery (input)
USB-A Port	Charge external devices (output, 5V)
Battery Level Indicator	LED display showing remaining battery charge
Hand Crank	Rotate to generate emergency power
Solar Panel	Top-mounted panel for solar charging
Compass	Built-in magnetic compass

# Use Guide

## Charging the Radio

1. **USB-C charging (recommended for daily use):** Connect the provided USB-C cable to the radio's USB-C port and a 5V/2A adapter. Full charge takes under 8 hours.
2. **Hand crank charging:** Fold out the crank handle and rotate at a steady pace (approx. 2–3 rotations per second). Crank for 3–5 minutes to obtain several minutes of radio or flashlight use.
3. **Solar charging:** Place the radio with the solar panel facing direct sunlight. Charging speed depends on light intensity; this method is best as a backup or for maintaining charge.

**Note:** The radio can also be powered by 3 AAA batteries (not included) as an additional backup.

## Using the Radio

1. Turn the **Power/Volume dial** clockwise to switch on the radio.
2. Use the **Analog Tuning Knob** to select your desired band (AM, FM, or NOAA).
3. Adjust the volume using the same dial.
4. For best reception, extend the telescopic antenna fully.

## Using the Flashlight & Reading Lamp

- Press the **Flashlight Button** repeatedly to cycle through modes: Far Beam → Dipped Beam → Mixed Beam → Off.
- Press the **Reading Lamp Button** to toggle the 48-LED lamp on/off.

## Activating the SOS Alarm

1. Press and hold the **SOS Button** for 2 seconds. The alarm will sound and the flashlight will strobe.
2. Press the button again to deactivate.

## Using the Power Bank

1. Connect your smartphone or other device to the radio's **USB-A port** using a compatible cable.
2. The radio will automatically begin charging the connected device (output: 5V).
3. Monitor the battery level indicator on the radio to avoid depleting the battery completely.

## Using the Compass

The compass is located on the top or side of the unit. Hold the radio level and rotate until the needle aligns with north. Use this for basic orientation when GPS is unavailable.

## Specifications

Parameter	Value
Model Number	xsy-330
Radio Bands	AM (520–1710 kHz), FM (87–108 MHz), NOAA (162.400–162.550 MHz)
Battery Type	Lithium Polymer, 10000 mAh, 5V
Charging Input	USB-C (5V/2A)
Charging Output	USB-A (5V)
Flashlight	20 LEDs, 3 modes (Far / Dipped / Mixed)
Reading Lamp	48 LEDs
SOS Alarm	Audible up to several hundred yards
Water Resistance	IPX6
Dimensions (L×W×H)	6.2" × 2.5" × 3.9" (approx.)
Weight	600 g (1.1 lbs)
Enclosure Material	ABS
Included Accessories	USB-C cable, Owner's Manual

## Warranty & Support

This product is backed by a **1-year hassle-free warranty**. If any defect or issue arises within one year of purchase, contact Leaton for a replacement with no questions asked.

**Manufacturer:** SHENZHEN XINSIYUAN ELECTRONIC TECHNOLOGY CO., LTD.

**Brand:** Leaton

**Warranty description:** 1 year

For support, refer to the contact information provided in the owner's manual or visit the Leaton store on Amazon.

## Safety & Notes

### Important:

- Do not expose the radio to fire or extreme heat. The lithium polymer battery may be damaged.
- Do not immerse the radio in water. IPX6 rating covers heavy rain and splashes only.
- When using the hand crank, avoid excessive force that could damage the mechanism.
- If the battery swells or leaks, discontinue use immediately.
- Keep the radio away from small children – small parts and the crank may pose a hazard.

**Note on NOAA alerts:** This radio does not feature S.A.M.E. technology. It will not automatically filter alerts by county. Tune to your local NOAA station and listen for broadcast alerts.

### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.