

LcFun SEW-024

LcFun SEW-024 Electric Plasma Lighter Instruction Manual

Model: SEW-024 | Brand: LcFun

1. INTRODUCTION

Thank you for choosing the LcFun SEW-024 Electric Plasma Lighter. This durable, windproof, and waterproof lighter is designed for reliability in various outdoor and emergency situations. Please read this manual carefully to ensure proper use, maintenance, and longevity of your device.

2. PRODUCT FEATURES

- **Waterproof Design:** IP56 rated with a metal-ring sealed cover and locking clasp to prevent water intrusion, ideal for rainy conditions.
- **USB C Rechargeable:** Convenient Type-C charging port, fully charges within 1.5 hours. No gas required, offering an economic and clean ignition solution. Provides over 28 ignitions (7 seconds per ignition) on a single charge.
- **Survival Lanyard:** Includes a paracord lanyard with an emergency whistle, useful for survival situations, fire starting, strapping equipment, or knife hilts.
- **Portable:** Lightweight and small, designed for easy carrying around the neck or in a pocket. Constructed from high-quality ABS and Zinc Alloy for durability.
- **Windproof Flameless Dual Arc:** Generates a powerful plasma arc that works effectively even in strong winds.

3. PACKAGE CONTENTS

Your LcFun SEW-024 Electric Plasma Lighter package includes:

- 1 x LcFun SEW-024 Electric Plasma Lighter (Orange)
- 1 x USB-C Charging Cable
- 1 x Portable Lanyard with Emergency Whistle
- 1 x Instruction Manual

4. SETUP AND CHARGING

Before first use, fully charge your LcFun Electric Plasma Lighter.

1. Locate the USB-C charging port on the side of the lighter.
2. Connect the provided USB-C cable to the lighter and plug the other end into a USB power source (e.g., computer, wall adapter, power bank).
3. The indicator light will illuminate during charging. It will turn off when fully charged (approximately 1.5 hours).



Figure 1: Lighter connected to a USB-C charging cable, showing the indicator light for charging status.

5. OPERATING INSTRUCTIONS

Follow these steps to operate your LcFun Electric Plasma Lighter:

1. **Unlock the Buckle:** Push the metal locking clasp downwards to release the lid.
2. **Open the Lid:** Flip open the top lid of the lighter.
3. **Activate the Arc:** Press the power button located on the side of the lighter to activate the dual plasma arc. The arc will automatically shut off after 10 seconds of continuous use for safety.
4. **Close and Secure:** After use, close the lid firmly and push the metal locking clasp upwards to secure it, ensuring its waterproof seal.



Figure 2: Visual guide for opening, activating, and charging the lighter.

5.1 Waterproof Feature

The LcFun Electric Plasma Lighter is designed with an IP56 waterproof system. Ensure the metal-ring sealed cover and locking clasp are properly closed to maintain its waterproof integrity. This allows for reliable use in wet environments without fear of water damage.

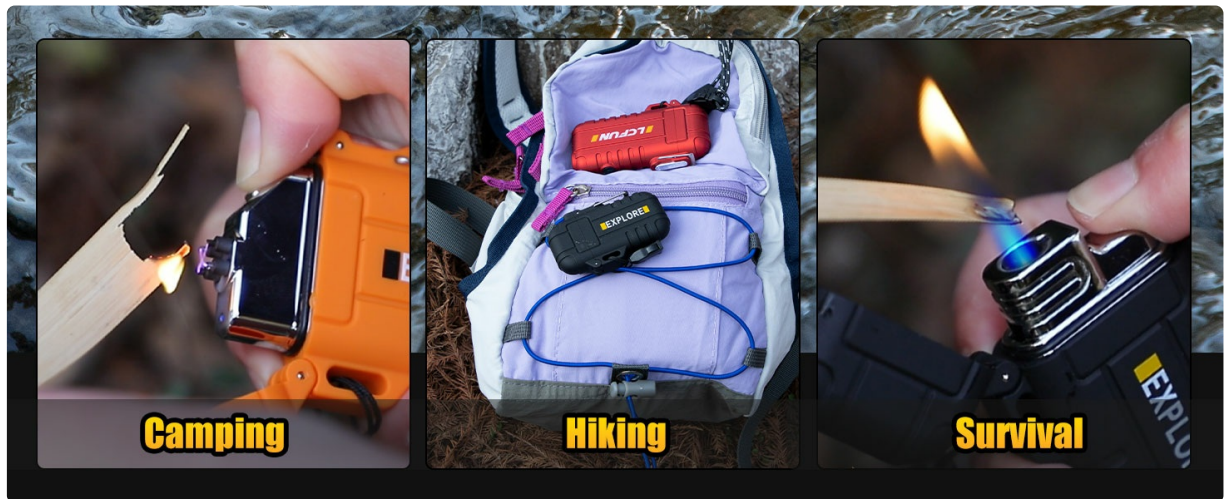


Figure 3: The lighter's waterproof design in action, showing it can withstand exposure to water.

5.2 Wind Resistance

The dual arc plasma technology provides superior wind resistance, allowing the lighter to function effectively even in high winds where traditional flame lighters would fail.



Figure 4: The lighter's plasma arc remains stable even when exposed to strong airflow from a fan.

5.3 Usage Scenarios

This versatile lighter is suitable for various applications, including:

- Lighting campfires and barbecues.
- Igniting candles and fireworks.
- Emergency fire starting with the integrated paracord lanyard.

Usage scenarios


In the event of an emergency, the rope that ignites the product when there is no combustible 



Figure 5: Examples of how the lighter can be used in different outdoor and recreational settings.

6. MAINTENANCE

- Keep the lighter clean and dry.
- Regularly inspect the charging port and arc electrodes for any debris. Use a soft, dry cloth to clean if necessary.
- Ensure the lid and locking clasp are properly sealed when not in use to maintain waterproof and dustproof properties.
- Store the lighter in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lighter does not ignite.	Low battery.	Recharge the lighter using the provided USB-C cable.
Lighter does not ignite.	Lid not fully open or power button not pressed correctly.	Ensure the lid is fully open and the power button is pressed firmly.

Problem	Possible Cause	Solution
Arc is weak or inconsistent.	Low battery or debris on electrodes.	Recharge the lighter. Gently clean the arc electrodes with a soft, dry cloth.

8. SPECIFICATIONS

Brand: LcFun

Model Number: SEW-024

Color: Orange

Material: Acrylonitrile Butadiene Styrene, Zinc

Fuel Type: Electric

Product Dimensions: 2.67"L x 0.47"W x 1.85"Th (6.78 cm L x 1.19 cm W x 4.70 cm Th)

Item Weight: 1.76 ounces (0.05 Kilograms)

Batteries: 1 A battery required (included)

Waterproof Rating: IP56

Charging Time: Approximately 1.5 hours

Ignitions per Charge: More than 28 times (7s/ignition)



Figure 6: Product dimensions for the LcFun Electric Plasma Lighter.

9. SAFETY INFORMATION

Warning: Do not use this lighter with metal products. Avoid touching the plasma arc directly. Keep out of reach of children. Do not expose to temperatures above 50°C (122°F). Do not puncture or incinerate. Do not disassemble the device.

10. WARRANTY AND SUPPORT

Your LcFun Electric Plasma Lighter comes with a 60-day guarantee. If you encounter any issues or have questions about your product, please contact LcFun customer service for assistance. We are committed to providing a satisfactory solution.

For support, please visit the LcFun Store on Amazon or contact us directly through the platform.

