

RONXS JL872-10

RONXS Electric Arc Lighter (Model JL872-10) User Manual

Brand: RONXS | Model: JL872-10

1. INTRODUCTION

Thank you for choosing the RONXS Electric Arc Lighter. This USB rechargeable lighter utilizes flameless plasma technology for efficient and safe ignition. Designed for versatility, it is suitable for lighting candles, grills, BBQs, and other indoor and outdoor activities. This manual provides essential information for the safe and effective use of your new lighter.

ENJOY CONVENIENT & ECO-FRIENDLY MODERN LIFE



No Flame



Windproof



Ignite in
0.5 seconds



Image 1.1: The RONXS Electric Lighter in action, demonstrating its flexible neck and arc ignition for lighting a candle.

2. SAFETY INFORMATION

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

- Keep the lighter away from heat sources and allow it to cool down after use to prevent burns.
- Always supervise children when using the lighter. This product is not a toy.
- Do not place the product into water or other liquids, or expose it to moisture, as this will cause a short circuit.
- During ignition, a 'zee, zee' noise may be heard. This is normal high-voltage power generation and

indicates proper function.

- Avoid touching the arc directly.
- Do not attempt to disassemble or modify the lighter.
- Do not expose the lighter to temperatures above 50°C (122°F).



Image 2.1: Internal safety features of the RONXS Electric Lighter, including short-circuit, smart chip, and overheating protection.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your RONXS Electric Arc Lighter:

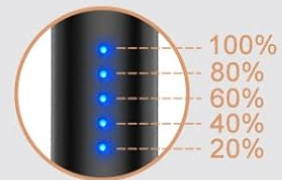
QUICK USER GUIDE



Slide the on/off button forward



Press down the switch button to generate the spark



LED Battery Indicator

Image 3.1: Quick User Guide illustrating the main parts and controls of the RONXS Electric Lighter.

- **Arc Pulse Ignition:** Generates the flameless electric arc.
- **3-inch Flexible Neck:** Allows for easy access to hard-to-reach wicks or surfaces.
- **ON/OFF Button (Safety Lock):** Slides forward to enable operation, slides back to lock.
- **Switch Button:** Press to activate the arc when the safety lock is disengaged.
- **LED Battery Indicator:** Displays the current battery charge level.
- **USB Charging Port:** For recharging the internal battery.
- **Hanging Hook:** For convenient storage.

4. SETUP AND CHARGING

Your RONXS Electric Lighter comes with a rechargeable battery. Before first use, or when the battery indicator shows low charge, please recharge the device.

4.1 Charging Instructions

1. Locate the USB charging port on the lighter.
2. Connect the provided USB cable to the lighter's charging port.
3. Connect the other end of the USB cable to a compatible power source (e.g., computer, power bank, or a normal 5V DC adapter with output current less than 3000MA). Avoid fast chargers, as they may damage the product.
4. The LED battery indicator lights will illuminate during charging. When fully charged (approximately 1 hour), all indicator lights will turn off automatically.
5. Disconnect the power immediately after the lighter is fully charged to prevent overcharging, which can shorten battery life.

A full charge can provide up to 400 ignitions. Immediate charges after use, before the battery is fully discharged, will help extend battery life.

USB CABLE RECHARGE

5 LED lights to display the charge level



Image 4.1: The RONXS Electric Lighter being recharged via a USB connection, with LED lights indicating charge status.

5. OPERATING INSTRUCTIONS

Follow these steps to safely operate your RONXS Electric Arc Lighter:

1. **Unlock the Safety:** Slide the ON/OFF button (safety lock) forward to disengage the lock. The LED battery indicators will light up.
2. **Activate the Arc:** Press and hold the Switch Button. The electric arc will appear between the ignition points.
3. **Ignite:** Position the flexible neck so the arc touches the wick of a candle, grill charcoal, or other ignitable material.

4. **Release:** Release the Switch Button to turn off the arc. The lighter will automatically turn off after 7 seconds of continuous use for safety.
5. **Engage Safety Lock:** Slide the ON/OFF button back to its original position to engage the safety lock. The LED lights will turn off, and the lighter cannot be accidentally activated.

The flameless plasma technology makes the lighter wind and splash-proof, allowing for reliable ignition even in challenging weather conditions.



Image 5.1: The flexible neck of the RONXS Electric Lighter allows for easy access to various items, such as candles.

5.1 Operational Video

Video 5.1: A demonstration of the RONXS Electric Lighter's operation, showcasing its ease of use and arc ignition.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your lighter.

6.1 Cleaning

- Regularly clean the arc ignition points to remove any soot or debris. Use a soft, dry cloth or a small brush.
- Ensure the lighter is turned off and the safety lock is engaged before cleaning.



Image 6.1: Cleaning the arc tips of the lighter to ensure optimal performance.

6.2 Battery Care

- Charge the battery regularly, even if not in frequent use, to maintain battery health.
- Avoid completely draining the battery before recharging.
- Store the lighter in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your RONXS Electric Lighter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lighter does not ignite.	Safety lock engaged, low battery, or debris on arc tips.	Disengage safety lock, recharge the battery, or clean the arc tips.
Arc is weak or inconsistent.	Low battery or dirty arc tips.	Recharge the battery fully, or clean the arc tips.
Lighter does not charge.	Faulty USB cable/port or power adapter.	Try a different USB cable, charging port, or power adapter. Ensure the adapter is 5V DC.
Lighter makes a 'zee, zee' noise.	Normal operation.	No action required. This is the sound of high-voltage power generation.

8. SPECIFICATIONS

- **Model Number:** JL872-10
- **Product Dimensions:** 10.24 x 2 x 1.2 inches

- **Item Weight:** 1.6 ounces (0.1 Pounds)
- **Material Type:** Plastic
- **Power Source:** Battery Powered (1 AAA battery required, included)
- **Battery Capacity:** 180mAh (up to 400 ignitions per full charge)
- **Charging Time:** Approximately 1 hour
- **Features:** USB Rechargeable, LED Battery Display, Wind & Splash Proof, Multi-Protect Safety Systems, Flexible Neck

9. WARRANTY AND SUPPORT

RONXS products are designed for quality and durability. Some customer reviews indicate a 2-year warranty for this product. For specific warranty details, product support, or inquiries, please refer to the contact information provided with your purchase or visit the official RONXS website.