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LEXIVON B0D6CR4KB8

LEXIVON Butane Soldering Iron Multi-Purpose Kit User Manual

Model: B0D6CR4KB8

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe and effective use of your LEXIVON Butane Soldering Iron Multi-Purpose Kit. Please read all instructions carefully before operation and retain this manual for future reference.

1.1 General Safety Warnings

- Always operate in a well-ventilated area to avoid inhaling fumes.
- The soldering iron tip reaches very high temperatures. Avoid direct contact with skin or flammable materials.
- Keep out of reach of children.
- Do not store near heat sources, open flames, or in direct sunlight.
- Use only high-quality butane fuel.
- Ensure the iron is cool before storing or changing tips.
- Wear appropriate personal protective equipment, such as safety glasses.
- Never attempt to repair the tool yourself. Contact qualified service personnel.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your kit. If any items are missing or damaged, please contact LEXIVON customer support.

- Butane Soldering Iron
- Assorted Soldering Tips (e.g., chisel, conical, hot knife)
- Solder Wire
- Cleaning Sponge/Tray
- Safety Stand
- User Manual (this document)

Note: Butane fuel is typically not included and must be purchased separately.

3. SETUP

3.1 Fueling the Soldering Iron

1. Ensure the soldering iron is completely cool and the flame adjustment is set to the minimum position.
2. Hold the iron upside down.
3. Insert the nozzle of a high-quality butane fuel canister into the filling valve at the bottom of the iron.
4. Press firmly for approximately 10-15 seconds until the tank is full. Do not overfill.
5. Allow a few minutes for the butane to stabilize before ignition.

3.2 Installing/Changing Soldering Tips

1. Ensure the iron is cool and turned off.
2. Carefully unscrew the existing tip or protective cap.
3. Select the desired tip for your application.
4. Gently screw the new tip onto the heating element until snug. Do not overtighten.

4. OPERATING INSTRUCTIONS

4.1 Ignition

1. Ensure the flame adjustment is set to a low or medium position.
2. Slide the ignition switch to the "ON" position.
3. Press the ignition button. You should hear a click and see a flame or glowing element.
4. If it does not ignite, repeat the process. If still unsuccessful, check butane level.

4.2 Temperature Adjustment

The LEXIVON Butane Soldering Iron allows for temperature adjustment by controlling the butane flow. Rotate the flame adjustment knob to increase or decrease the heat output. Higher settings provide more heat for larger joints or faster work, while lower settings are suitable for delicate components.

4.3 Soldering Techniques

1. **Prepare the Workpiece:** Ensure components and PCB pads are clean and free of oxidation.
2. **Heat the Joint:** Apply the hot soldering iron tip to both the component lead and the PCB pad simultaneously. Heat for 1-3 seconds.
3. **Apply Solder:** While the joint is hot, touch the solder wire to the heated joint (not directly to the iron tip). The solder should flow smoothly and evenly around the joint, forming a shiny, cone-shaped connection.
4. **Remove Solder and Iron:** First, remove the solder wire, then immediately remove the soldering iron.
5. **Allow to Cool:** Do not move the component until the solder has solidified (a few seconds).

For desoldering, use a desoldering pump or braid in conjunction with the heated iron to remove old solder.

5. MAINTENANCE

5.1 Tip Cleaning and Care

- Regularly clean the soldering tip by wiping it on a damp sponge or brass wool. This removes oxidation and old solder, ensuring efficient heat transfer.
- After cleaning, "tin" the tip by applying a small amount of fresh solder. This protects the tip from oxidation.
- Never file or sand the tip, as this can damage the protective plating.
- Replace tips when they become excessively pitted or corroded and no longer hold solder effectively.

5.2 General Cleaning and Storage

- Ensure the iron is completely cool before cleaning.
- Wipe the body of the iron with a clean, dry cloth. Do not use harsh chemicals or solvents.
- Store the soldering iron in a cool, dry place, away from direct sunlight and flammable materials.
- Always store with the protective cap on the tip.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Iron does not ignite.	Low or no butane fuel. Ignition mechanism faulty.	Refill with butane. Ensure ignition button is pressed firmly. If problem persists, contact support.
Tip does not heat sufficiently.	Low butane. Flame adjustment too low. Oxidized tip.	Refill butane. Increase flame adjustment. Clean and tin the tip.
Solder does not flow well.	Tip not hot enough. Oxidized tip. Dirty workpiece.	Increase heat. Clean and tin tip. Clean workpiece thoroughly.
Excessive flame/flaring.	Overfilled butane tank. Incorrect flame adjustment.	Allow excess butane to dissipate in a well-ventilated area. Adjust flame to a lower setting.

7. SPECIFICATIONS

- **Model:** B0D6CR4KB8
- **Fuel Type:** Butane (not included)
- **Operating Temperature:** Approximately 200°C - 450°C (392°F - 842°F) (variable)
- **Run Time:** Varies with flame setting and tank capacity (e.g., 30-60 minutes per fill)
- **Ignition:** Piezoelectric
- **Kit Contents:** Soldering iron, various tips, solder, cleaning sponge, safety stand.

8. WARRANTY AND SUPPORT

LEXIVON products are designed for reliability and performance. For warranty information, technical support, or to purchase replacement parts, please visit the official LEXIVON website or contact their customer service department.

Website: www.lexivon.com (Example link, actual link may vary)

Email: support@lexivon.com (Example email, actual email may vary)

Please have your model number (B0D6CR4KB8) and purchase date available when contacting support.

9. MEDIA INFORMATION

9.1 Product Images

No specific product images were provided in the input data for embedding. The main image provided was a generic "No image available" placeholder. For visual reference, please refer to the product packaging or the official LEXIVON website.

9.2 Official Product Videos

No official product videos from the seller were provided in the input data for embedding. For video demonstrations or tutorials, please check the official LEXIVON YouTube channel or website.

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Related Documents - B0D6CR4KB8

 <p>LEXIVON LX-182 3/8-Inch Drive Click Torque Wrench User Manual</p> <p>Comprehensive user manual for the LEXIVON LX-182 3/8-inch drive click torque wrench, detailing operation, torque setting in ft-lb and Nm, specifications, maintenance, storage, and warranty information.</p>	
 <p>LEXIVON LX-185 3/4-Inch Drive Click Torque Wrench Operating Instructions</p> <p>Detailed operating instructions, specifications, and conversion tables for the LEXIVON LX-185 3/4-inch drive click torque wrench. Learn how to set, use, maintain, and understand torque units for this precision tool.</p>	



LX-185 USER MANUAL

[Lexivon LX-185 3/4-Inch Drive Click Torque Wrench User Manual](#)

Comprehensive user manual for the Lexivon LX-185 3/4-inch drive click torque wrench. Includes detailed instructions on setting torque in ft-lb and Nm, operation, maintenance, storage, specifications, and unit conversions. Essential guide for accurate torque application.



LX-184 OPERATING INSTRUCTION

[Lexivon 1/2-Inch Drive Click Torque Wrench LX-184 Operating Instructions](#)

Comprehensive operating instructions for the Lexivon 1/2-Inch Drive Click Torque Wrench (Model LX-184), detailing its features, how to set torque in both ft-lb and Nm, wrench operation, maintenance, storage, and unit conversions.



LX-181 USER MANUAL

[LEXIVON LX-181 1/4-Inch Drive Click Torque Wrench User Manual](#)

Comprehensive user manual for the LEXIVON LX-181 1/4-inch drive click torque wrench, covering operation, settings, specifications, maintenance, and storage.

LEXIVON
1/2-INCH DRIVE CLICK
TORQUE WRENCH
25-250 Ft-lb/33.9-338.9 Nm



LX-184 USER MANUAL

[LEXIVON LX-184 1/2-Inch Drive Click Torque Wrench User Manual](#)

Comprehensive user manual for the LEXIVON LX-184 1/2-inch drive click torque wrench, covering operation, settings, specifications, maintenance, and storage. Learn how to accurately set and use your torque wrench for optimal performance.