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Wendry Wendry6tg9xib5zw-03

Wendry Cordless Butane Soldering Iron and Torch User Manual

Model: Wendry6tg9xib5zw-03 | Brand: Wendry

1. SAFETY GUIDELINES

Please read and understand all safety instructions before operating this butane soldering iron and torch. Failure to follow these instructions may result in fire, explosion, electric shock, or other injuries.

- **Flammable Gas:** This tool uses butane gas, which is highly flammable. Always operate in a well-ventilated area, away from open flames, sparks, and other ignition sources.
- **High Temperature:** The flame temperature can reach 1300°C (2372°F) and the soldering iron tip temperature can reach 450°C (842°F). Avoid contact with hot parts. Allow the tool to cool completely before handling or storing.
- **Butane Refill:** Refill only with high-quality butane gas. Do not overfill. Ensure the tool is completely cool and extinguished before refilling.
- **Ignition:** This device does not have automatic ignition. Use an external lighter or match to ignite the gas.
- **Storage:** Store the tool in a cool, dry place, away from direct sunlight and out of reach of children. Ensure the gas flow is completely off before storage.
- **Personal Protective Equipment:** Always wear appropriate safety glasses and gloves when operating the tool.
- **Intended Use:** Use this tool only for its intended purpose as a soldering iron or mini-torch. Do not modify the tool.

2. PRODUCT OVERVIEW

The Wendry Cordless Butane Soldering Iron and Torch is a portable, gas-powered tool designed for various

applications including electronics repair, automotive work, and DIY projects. It functions as both a soldering iron and a mini-torch.

2.1 Components



Figure 1: Labeled components of the Butane Soldering Iron.

The main components of the device are:

- **Inflatable Mouth:** The port for refilling butane gas.
- **Bottle:** The transparent reservoir for butane gas.
- **Rotate Adjustment Ring:** Used to control the gas flow and adjust flame/heat intensity.
- **Fire Place:** The area where the flame is ignited.
- **Soldering Iron Tip:** The interchangeable tip for soldering applications.

3. SETUP

3.1 Butane Refilling

The soldering iron is shipped without butane gas due to transportation regulations. You will need to purchase butane gas separately and refill the device before first use.

1. Ensure the device is completely cool and the gas flow adjustment ring is set to the "OFF" position.
2. Hold the soldering iron upside down.
3. Insert the nozzle of a standard butane gas canister into the "Inflatable Mouth" (refill port) at the bottom of the tool.
4. Press down firmly for approximately 10-15 seconds. You may hear a hissing sound as the gas fills. Do not overfill.
5. Wait a few minutes after refilling for the gas to stabilize before attempting to ignite.

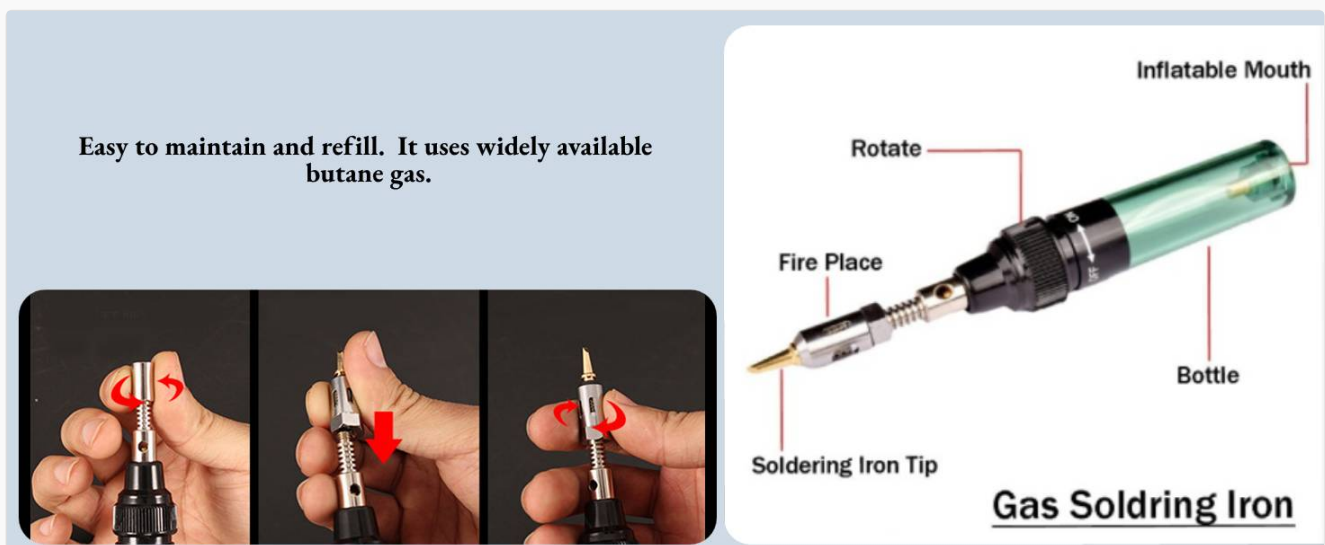


Figure 2: Illustration of butane refilling and tip attachment.

3.2 Attaching Soldering Tips

The device comes with interchangeable tips for different applications.

1. Ensure the device is cool and the gas is off.
2. Carefully screw the desired soldering tip onto the end of the tool until it is secure. Do not overtighten.
3. To remove a tip, ensure the tool is cool, then unscrew it.

4. OPERATING INSTRUCTIONS

4.1 Ignition

This soldering iron requires an external ignition source.

1. Ensure the butane reservoir is adequately filled.
2. Slowly rotate the adjustment ring from "OFF" towards "ON" to allow a small amount of gas to flow. You should hear a faint hiss.
3. Bring an external flame (e.g., from a lighter or match) to the "Fire Place" area of the tool to ignite the gas.
4. Once ignited, adjust the flame/heat intensity using the rotate adjustment ring.

The soldering pen will melt both silver and gold solder. It can be used as a mini-torch or heat blower.



Figure 3: Ignition and soldering process.

4.2 Temperature Adjustment

The flame temperature is adjustable up to 1300°C (2372°F) and the soldering iron tip temperature up to 450°C (842°F).

- Rotate the adjustment ring towards "ON" for higher heat/larger flame.
- Rotate the adjustment ring towards "OFF" for lower heat/smaller flame.

BUTANE SOLDERING IRON

With fine workmanship and excellent quality
it can be used for a long time



Figure 4: Temperature capabilities of the tool.

4.3 Using as a Soldering Iron

1. Attach the desired soldering tip.
2. Ignite the tool as described in Section 4.1.
3. Allow the tip to heat up for a few moments.
4. Apply the hot tip to the joint to be soldered, then introduce solder to the heated joint.

4.4 Using as a Mini-Torch

To use the tool as a mini-torch, remove the soldering tip. The direct flame can be used for various heating tasks.

1. Ensure the tool is cool and the gas is off. Remove the soldering tip.
2. Ignite the tool as described in Section 4.1.
3. Adjust the flame size as needed using the adjustment ring.
4. Direct the flame carefully to the desired area.

4.5 Shutting Down

To turn off the tool, rotate the adjustment ring fully to the "OFF" position. Ensure the flame is extinguished and the tool begins to cool.

5. MAINTENANCE

5.1 Cleaning Tips

- After use, allow the soldering tip to cool completely.
- Wipe the tip with a damp sponge or brass wool to remove any solder residue. Do not use abrasive materials that could damage the tip plating.
- Periodically inspect the tip for wear and replace if necessary.

5.2 Storage

- Ensure the tool is completely cool and the gas flow is turned off before storing.
- Store the soldering iron and its accessories in a protective case or a safe, dry place, away from direct sunlight and extreme temperatures.
- Keep out of reach of children.

6. TROUBLESHOOTING

If you encounter issues with your Wendry Butane Soldering Iron, refer to the following table:

Problem	Possible Cause	Solution
Tool does not ignite.	No butane gas or insufficient gas.	Refill with butane gas (see Section 3.1).
Tool does not ignite.	Gas flow adjustment ring is in "OFF" position.	Rotate the adjustment ring towards "ON" to allow gas flow.
Flame is weak or inconsistent.	Low butane gas level.	Refill with butane gas.
Flame is weak or inconsistent.	Gas flow adjustment ring not fully open.	Adjust the ring to increase gas flow.
Flame blows out easily.	Operating in a breezy or windy environment.	Move to a sheltered area or reduce airflow.
Soldering tip not heating sufficiently.	Insufficient gas flow or low butane.	Increase gas flow or refill butane.
Soldering tip not heating sufficiently.	Tip is loose or damaged.	Ensure tip is securely attached. Replace if damaged.

7. SPECIFICATIONS

Feature	Specification
Brand	Wendry
Model Number	Wendry6tg9xib5zw-03
Power Source	Butane Fuel Cell
Special Feature	Cordless
Flame Temperature	Up to 1300°C (Adjustable)
Soldering Iron Temperature	Up to 450°C (Adjustable)
Butane Capacity	8ml (Approximate)
Run Time	35-45 minutes (Approximate, depending on setting)
Item Length	5.11 Inches (13 cm)
Item Weight	78 Grams (2.75 ounces)
Included Components	Soldering Iron Tips
UPC	748904130323, 748904130361

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Wendry Cordless Butane Soldering Iron and Torch, please refer to the retailer where the product was purchased or visit the official Wendry website. Please retain your proof of purchase for any warranty claims.

For general inquiries, you may contact Wendry customer service through their official channels.