

FVAGT21JYAD15579QEM

Generic 110V Portable Heat Gun LCD Temperature Control Soldering Station User Manual

Model: FVAGT21JYAD15579QEM

INTRODUCTION

This manual provides essential instructions for the safe and effective operation, setup, and maintenance of your Generic 110V Portable Heat Gun with LCD Temperature Control. Please read this manual thoroughly before using the device and retain it for future reference.

SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- **Voltage Compatibility:** This device is designed for 110V power outlets only. Do not attempt to use it with other voltages.
- **Heat Hazard:** The heat gun produces high temperatures. Avoid direct contact with the nozzle and heated surfaces. Allow the device to cool completely before storing.
- **Ventilation:** Use in a well-ventilated area to prevent the accumulation of fumes, especially when working with plastics, paints, or other materials that may release toxic vapors when heated.
- **Flammable Materials:** Keep the heat gun away from flammable liquids, gases, and materials.
- **Personal Protective Equipment:** Wear appropriate safety glasses and gloves when operating the heat gun.
- **Moisture:** Do not expose the heat gun to rain or wet conditions. Do not operate with wet hands.
- **Children and Pets:** Keep the device out of reach of children and pets.
- **Unattended Operation:** Never leave the heat gun unattended while it is operating or cooling down.
- **Power Cord:** Inspect the power cord for damage before each use. Do not use if the cord is damaged.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Portable Heat Gun
- 4 x Nozzles (various shapes)
- 1 x Stand/Bracket (for resting the heat gun)

- Mounting Screws (for stand/bracket)



Figure 1: Contents of the package, including the heat gun, nozzles, and stand.

PRODUCT OVERVIEW

The Generic 110V Portable Heat Gun is a versatile tool designed for various applications requiring controlled heat. It features an LCD digital display for precise temperature monitoring and knob controls for easy adjustment of both temperature and airflow.



01. LED DIGITAL DISPLAY

Using LED digital display for temperature, clearer and more convenient.

02. KNOB CONTROL

Rotate the HEATER of the to adjust temperature. Clockwise for lower and anticlockwise for higher.



Figure 2: Detail of the LED digital display and temperature/airflow control knobs.

- **LED Digital Display:** Provides clear, real-time temperature readings.
- **Knob Controls:** Separate controls for adjusting air volume and heating temperature.
- **Portable Design:** Small in size, making it easy to handle and transport.
- **Quick Heating:** Features quick temperature returning and constant temperature output with minimal fluctuation.

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Nozzle Attachment:** Select the appropriate nozzle for your task and firmly attach it to the heat gun's outlet. Ensure it is securely seated.
3. **Power Connection:** Plug the heat gun into a standard 110V AC power outlet. Ensure the outlet is properly grounded.
4. **Positioning:** Place the heat gun on a stable, heat-resistant surface or use the included stand/bracket if continuous operation or hands-free use is required.

OPERATING INSTRUCTIONS

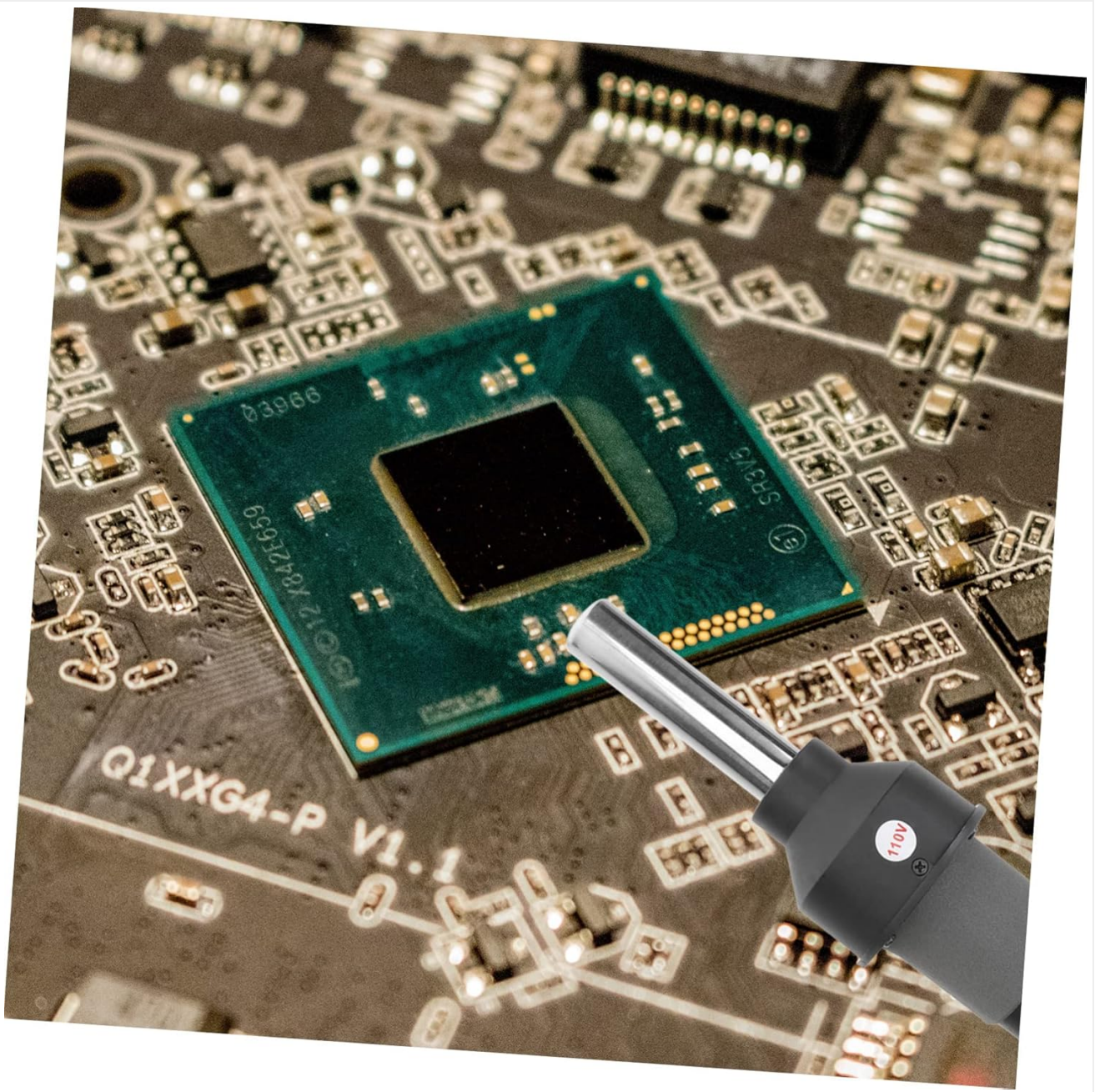
1. **Power On:** Press the power switch to turn on the heat gun. The LCD display will illuminate, showing the current temperature.
2. **Adjusting Temperature:** Rotate the "HEATER" knob to adjust the temperature.
 - Rotate clockwise for lower temperatures.
 - Rotate anticlockwise for higher temperatures.

The LCD display will show the set temperature and then the actual temperature as it heats up.

3. **Adjusting Airflow:** Rotate the "AIR" knob to adjust the air volume. Adjust as needed for your specific application.
4. **Application:** Direct the hot air stream towards the workpiece. Maintain a safe distance to avoid overheating or damaging the material.
5. **Power Off:** After use, turn off the power switch. The heat gun will typically enter a cooling mode, blowing cool air for a short period to protect the heating element. Allow the device to cool completely before storing.

Typical Applications:

- Desoldering mount components (SMD rework).
- Softening paint and plastic.
- Removing stickers and adhesives.
- Bending plastic tubes.
- Repairing mobile phones and other electronics.



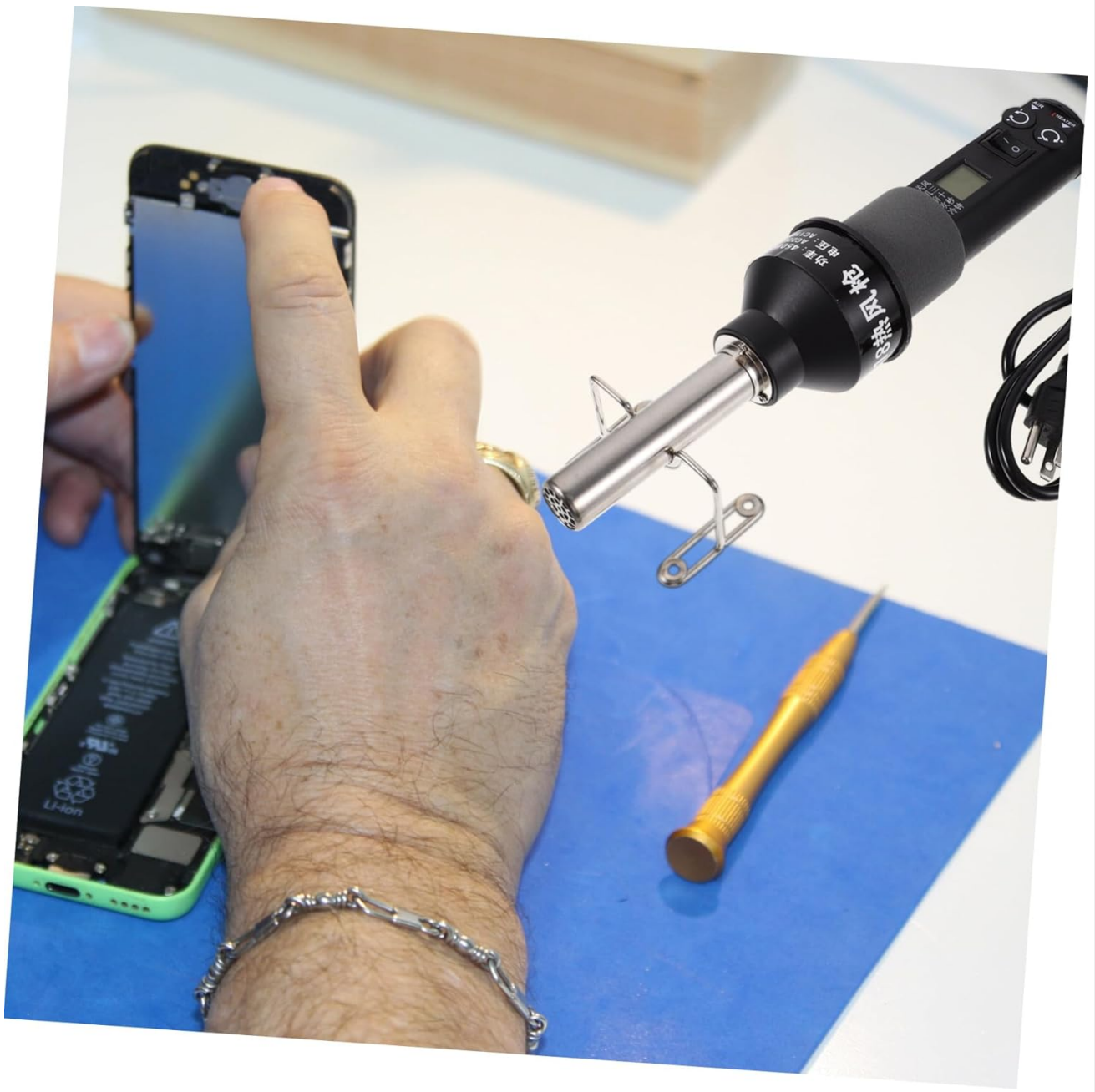


Figure 3: Examples of the heat gun in use for electronic repair.

MAINTENANCE

- **Cleaning:** Ensure the heat gun is unplugged and completely cool before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Nozzle Care:** Keep nozzles clean and free of debris. Replace damaged nozzles.
- **Storage:** Store the heat gun in a dry, safe place, away from direct sunlight and extreme temperatures. Ensure the power cord is not kinked or damaged during storage.
- **Inspection:** Periodically inspect the power cord, plug, and housing for any signs of wear or damage. If damage is found, discontinue use and seek professional repair.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Heat gun does not turn on.	No power supply; faulty power cord/plug; internal fault.	Check power outlet and plug connection. Inspect power cord for damage. If issues persist, seek professional repair.
Insufficient heat output.	Temperature setting too low; airflow too high; blocked air intake/outlet.	Increase temperature setting. Reduce airflow. Ensure air vents are clear of obstructions.
Overheating/Shuts off unexpectedly.	Blocked air vents; prolonged continuous use; internal thermal protection activated.	Ensure air vents are clear. Allow the unit to cool down. Reduce operating time if used continuously at high settings.

SPECIFICATIONS

Model Number	FVAGT21JYAD15579QEM
Rated Voltage	110V
Rated Power	450W
Current	7A
Material	Plastic and Metal
Dimensions (L x W x H)	31.00 x 7.00 x 7.00 cm (12.18 x 2.75 x 2.75 inches)
Item Weight	1.02 pounds
Included Components	Heat gun, 4 nozzles, stand/bracket



Figure 4: Product dimensions.

WARRANTY AND SUPPORT

Specific manufacturer warranty details were not provided with this product information. For warranty claims or technical support, please refer to the documentation included with your purchase or contact the seller directly. Optional protection plans may be available for purchase separately.

