

DIYPHONE Quick 2008

DIYPHONE QUICK 2008 700W Digital Hot Air Rework Station User Manual

Model: Quick 2008

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of the DIYPHONE QUICK 2008 700W Digital Hot Air Rework Station. This device is designed for precise desoldering and soldering tasks, featuring a digital LCD display, adjustable airflow, and an automatic sleep function for enhanced safety and component longevity. Please read this manual thoroughly before operation and retain it for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the equipment:

- Ensure the power supply matches the specifications (110V, 700W).
- Operate the station in a well-ventilated area to avoid inhaling fumes.
- The hot air gun produces high temperatures. Avoid direct contact with the nozzle or heated components.
- Always place the hot air gun in its holder when not in use. The automatic sleep function will activate.
- Do not use the station near flammable materials or gases.
- Keep children and unauthorized personnel away from the workstation.
- Disconnect power before cleaning or maintenance.
- Use only original or approved replacement parts and accessories.

3. PRODUCT OVERVIEW AND COMPONENTS

The QUICK 2008 Rework Station consists of a main control unit, a hot air gun, and various accessories.



Figure 3.1: The DIYPHONE QUICK 2008 Hot Air Rework Station, including the main unit, hot air gun, four nozzles, and a magnetic heat insulation pad.



Figure 3.2: Detailed view of the QUICK 2008 Rework Station with key components labeled, including the real-time temperature display, 3 working channels (CH1, CH2, CH3), air volume adjustment knob, temperature adjustment buttons, independent air gun switch, stainless steel outlet, magnetic control switch, and upgraded brushless fan.

Main Control Unit Features:

- **LCD Display:** Shows real-time temperature and airflow settings.
- **Channel Selection (CH1/CH2/CH3):** Allows saving and quickly recalling three preset temperature and airflow configurations.
- **Air Volume Adjustment Knob:** Controls the intensity of the hot air flow.
- **Temperature Adjustment Buttons:** Fine-tune the desired temperature.
- **Independent Air Gun Switch:** Powers the hot air gun on or off.

Hot Air Gun Features:

- **Stainless Steel Outlet:** Durable and heat-resistant.
- **Magnetic Control Switch:** Activates the automatic sleep function when placed in the holder.
- **Brushless Fan:** Provides quiet operation and long service life.
- **Ergonomic Design:** Comfortable for extended use.

Included Accessories:

- 4 Nozzles (3mm, 6mm, 9mm, 12mm)
- 1 Magnetic Heat Insulation Pad



Figure 3.3: The four included nozzles (3mm, 6mm, 9mm, 12mm) for various applications.

4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Placement:** Place the main control unit on a stable, heat-resistant surface. Ensure adequate ventilation around the unit.
3. **Connect Hot Air Gun:** Plug the hot air gun cable into the designated port on the main unit.
4. **Attach Nozzle:** Select the appropriate nozzle for your task and firmly attach it to the hot air gun outlet.
5. **Power Connection:** Connect the power cord to the main unit and then to a grounded electrical outlet.
6. **Position Holder:** Ensure the hot air gun holder is securely attached to the side of the main unit or a stable surface,

allowing the gun to rest safely when not in use. The handle position can be interchanged for left or right-handed use.



Figure 4.1: The hot air gun holder can be positioned on either the left or right side of the main unit for user convenience.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

1. Flip the main power switch on the front of the unit to the 'ON' position. The LCD display will illuminate.
2. To power off, flip the main power switch to the 'OFF' position.

5.2 Setting Temperature and Airflow

1. **Temperature Adjustment:** Use the '▲' (up) and '▼' (down) buttons next to the LCD display to set the desired temperature. The temperature range is typically between 100°C and 500°C.

2. **Airflow Adjustment:** Rotate the 'AIR' knob to adjust the airflow intensity. Turn clockwise for increased airflow, counter-clockwise for decreased airflow.
3. **Channel Presets (CH1/CH2/CH3):** Press one of the CH buttons (CH1, CH2, or CH3) to recall a saved temperature and airflow setting. To save a new setting, adjust the temperature and airflow to your desired levels, then press and hold the desired CH button until a confirmation beep or display change occurs.

LCD Screen Displays Temperature And Air Volume



Figure 5.1: The LCD screen clearly displays the set temperature and airflow values.

5.3 Automatic Sleep Function

The QUICK 2008 features an intelligent automatic sleep function. When the hot air gun is placed back into its holder, the magnetic control switch detects its presence, and the unit automatically reduces the temperature to a safe level and enters standby mode. This prolongs the life of the heating element and ensures safety. When the gun is lifted from the holder, it quickly returns to the last set operating temperature.

Magnetic Control Switch Automatic Sleep

Put the handle on the rack, the temperature drops immediately



Figure 5.2: The magnetic control switch initiates the automatic sleep function when the hot air gun is placed in its holder, causing the temperature to drop.

5.4 Automatic Cold Air Design

Upon entering sleep mode or powering off, the system automatically blows cold air to cool down the heating element. This protects the heating core and extends its lifespan.

Automatic Cold Air Design

Air gun sleep, cold air protection, longer heating core life, built-in brushless fan, soft rotating wind, uniform wind force, precise control



Figure 5.3: The automatic cold air design ensures the heating element cools down properly, extending its operational life.

6. MAINTENANCE

- **Cleaning:** Regularly clean the exterior of the unit and the hot air gun with a soft, dry cloth. Ensure the unit is unplugged and cool before cleaning.
- **Nozzle Care:** Clean nozzles periodically to prevent blockages. Ensure they are free of solder residue.
- **Air Vents:** Keep the air intake and exhaust vents on the main unit and hot air gun clear of dust and debris to ensure proper cooling and airflow.
- **Storage:** Store the rework station in a dry, dust-free environment when not in use.
- **Heating Element Replacement:** If the heating element requires replacement, consult a qualified technician or contact customer support.

7. TROUBLESHOOTING

- **No Power:** Check the power cord connection and the main power switch. Ensure the outlet is functional.
- **No Heat/Low Heat:** Verify the temperature setting. Ensure the hot air gun is properly connected. If the issue persists, the heating element may need inspection.

- **No Airflow/Weak Airflow:** Check the airflow knob setting. Ensure air vents are not blocked. If the fan is not operating, contact support.
- **Automatic Sleep Not Activating:** Ensure the hot air gun is correctly seated in its holder and the magnetic switch is making proper contact.
- **Error Codes:** If the LCD displays an error code, refer to the specific error code documentation (if provided separately) or contact customer support with the displayed code.

8. SPECIFICATIONS

Feature	Specification
Brand	DIYPHONE
Model Number	Quick 2008
Power Source	Corded Electric
Voltage	110 Volts
Wattage	700 watts
Display Type	LCD
Included Components	1 x QUICK 2008 Hot Air Rework Station, 1x Magnetic Heat Insulation Pad, 4x Nozzles, 1x manual
UPC	794414192825
ASIN	B0DN9WX9LC

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact DIYPHONE customer service directly. Keep your purchase receipt as proof of purchase.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question