

WEP 992D+

WEP 992D+ 2-in-1 Soldering Iron and Hot Air Rework Station User Manual

Model: WEP 992D+

Brand: WEP

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your WEP 992D+ 2-in-1 Soldering Iron Kit and Hot Air Rework Station. This versatile tool combines a soldering station and a hot air rework station, designed for various electronic repair and assembly tasks. Please read this manual thoroughly before use and retain it for future reference.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- WEP 992D+ Main Unit with tilted LCD display
- Detachable Hot Air Gun with brushless blower
- Detachable Soldering Iron
- 4 Hot Air Nozzles (large, medium, small, square)
- 5 Soldering Iron Tips (I, B, K, 3.2D, 3C)
- X-2 Multi-functional Soldering Iron Holder
- Brass Wool Tip Cleaner
- Cleaning Sponge
- Hot Air Gun Holder
- Desoldering Pump
- ESD-safe Tweezers
- Roll of Lead-free Solder Wire (0.5mm, 35g)
- Silicone Mat (330*209mm)
- IC Extractor



Image: The WEP 992D+ main unit is shown with all its accessories, including the hot air gun, soldering iron, various tips and nozzles, desoldering pump, tweezers, solder wire, and silicone mat.

3. SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Placement:** Place the main unit on a stable, heat-resistant surface, preferably on the included silicone mat. Ensure adequate ventilation around the unit.
3. **Connect Hot Air Gun:** Connect the hot air gun cable to the designated port on the main unit. Secure it firmly. Place the hot air gun in its holder when not in use.
4. **Connect Soldering Iron:** Connect the soldering iron cable to its designated port on the main unit. Secure it firmly. Place the soldering iron in the X-2 multi-functional holder.
5. **Power Connection:** Connect the power cord to the main unit and then to a 110-127V AC power outlet.**Note:** This product is rated for 110-127V USA specifications. Do not connect this iron to a 220V power socket.



Image: An illustration highlighting the dimensions of the WEP 992D+ station and the detachable design of its handpieces, along with the multi-functional soldering iron holder.

4. OPERATING INSTRUCTIONS

4.1 General Operation

- **Power On/Off:** Use the separate power switches for the Hot Air Rework System and Soldering Iron to turn them on or off.
- **LCD Display:** The tilted LCD display shows current temperature, air volume, temperature unit (°F/°C), sleep mode time, and hot air mode (Auto/Manual).
- **°F/°C Conversion:** Press the designated button to switch between Fahrenheit and Celsius display for convenience.

4.2 Hot Air Rework Station

- **Temperature Adjustment:** The temperature range is 212°F-896°F (100°C-480°C). Use the control knob or buttons to set the desired temperature.
- **Airflow Control:** Adjust the air volume using the dedicated knob. The maximum airflow is 120L/min. The brushless blower ensures smooth airflow and low noise.

- **Auto/Manual Hot Air Modes:** Switch between automatic mode (minimizes wear by cooling down when placed in holder) and manual mode (continuous operation) for improved efficiency.
- **Cool Air Mode:** Quickly cool down PCBs by activating the cool air function via the air volume knob. The LCD will display "COL" when the temperature is below 140°F (60°C).



HOT AIR REWORK STATION



Cool Air Mode
Cool Quickly
Quick Access



Temperature
(Adjustable)
212°F-896°F



Hot Air Mode
(Adjustable)
Auto/ Manual

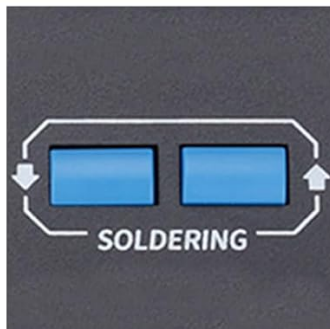
Image: A close-up of the WEP 992D+ hot air rework station controls, showing the air volume knob, hot air temperature buttons, and the LCD display indicating cool air mode and temperature settings.

4.3 Soldering Station

- **Temperature Adjustment:** The temperature range is 392°F-896°F (200°C-480°C). Use the control buttons to set the desired temperature.
- **Sleep Mode:** The soldering station supports an adjustable sleep mode (0-99 minutes) to minimize unnecessary wear and extend the lifespan of soldering iron tips and heating elements.



SOLDERING STATION



Temperature
(Adjustable)
392°F-896°F



Power Switch
(Independent)
ON/OFF



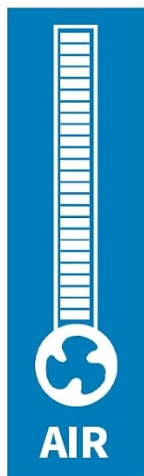
Sleep Mode
(Adjustable)
0-99 minutes

Image: A close-up of the WEP 992D+ soldering station controls, showing the temperature buttons, independent power switch, and the LCD display indicating sleep mode and temperature settings.

4.4 Preset Channels

- The unit features 3 memory presets (CH1, CH2, CH3) to save and recall frequently used temperature and airflow settings for both the soldering iron and hot air station. This improves workflow efficiency for repetitive tasks.

Adjustable Temperature/Air Volume with 3 Channels



Soldering+ Rework

Temperature

CH1: 572°F

CH2: 662°F

CH3: 752°F

Applications

General Purpose

Heavy Duty

Precision SMD

LCD Display

Temp. Read-out
Current Air Volume
Temperature Unit (°C/°F)
Sleep Mode Time
(0-99 Minutes)
Air Type (Hot/Cool)
Hot Air Mode (Auto/ Manual)



Image: The WEP 992D+ LCD display showing adjustable temperature and air volume settings, along with the three preset channels (CH1, CH2, CH3) for different applications like General Purpose, Heavy Duty, and Precision SMD.

5. MAINTENANCE

- **Soldering Iron Tips:** Regularly clean soldering iron tips using the brass wool tip cleaner or cleaning sponge to remove oxidation and ensure efficient heat transfer. Replace worn or damaged tips promptly.
- **Hot Air Nozzles:** Ensure hot air nozzles are free from debris or blockages. Clean as needed.
- **Unit Cleaning:** Keep the main unit and handpieces clean and free from dust and solder splatter. Use a soft, dry cloth for cleaning.
- **Storage:** Store the unit in a dry, safe place when not in use. Ensure the hot air gun is placed in its holder to cool down properly before storage.

6. TROUBLESHOOTING

- **No Power:** Check the power cord connection and ensure the unit is plugged into a functional 110-127V outlet. Verify that the individual power switches for the hot air and soldering functions are in the 'ON' position.

- **No Heat from Soldering Iron/Hot Air Gun:** Ensure the respective handpiece is securely connected to the main unit. Check the temperature settings on the LCD display. If the issue persists, the heating element or handpiece may require replacement.
- **Incorrect Temperature Reading:** Perform a digital temperature calibration as described in the full product manual (if available) or contact technical support.
- **Weak Airflow:** Check for any obstructions in the hot air gun nozzle or hose. Ensure the air volume knob is set to the desired level.

7. SPECIFICATIONS

Feature	Specification
Model Number	WEP 992D+
Power Source	AC
Voltage	110 Volts
Wattage	750 watts
Display Type	LCD
Soldering Station Temperature Range	392°F-896°F (200°C-480°C)
Hot Air Rework Station Temperature Range	212°F-896°F (100°C-480°C)
Hot Air Max Airflow	120L/min
Item Weight	8.09 pounds
Package Dimensions	13.23 x 10.91 x 7.28 inches

8. WARRANTY AND SUPPORT

This WEP 992D+ Soldering Iron Kit is covered by a **1-year USA technical support**. Our dedicated team is available for 24-hour assistance. WEP also offers an affordable range of compatible replacement parts. For technical assistance or inquiries, please refer to the contact information provided with your product or visit the official WEP website.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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