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› [Preciva](#) /

› Preciva 948DB+ II Soldering Station User Manual

Preciva 948DB+ II

Preciva 948DB+ II Soldering Station User Manual

Model: 948DB+ II

1. INTRODUCTION

Thank you for choosing the Preciva 948DB+ II Soldering Station. This high-performance soldering tool is designed for precision soldering and desoldering tasks, offering a wide temperature range and intelligent features for enhanced efficiency and durability. Please read this manual thoroughly before operation to ensure safe and correct usage.



Image 1.1: Preciva 948DB+ II Soldering Station overview.

2. SAFETY INSTRUCTIONS

- Always operate the soldering station in a well-ventilated area.
- Wear appropriate personal protective equipment, including safety glasses.
- Do not touch the soldering iron tip or heating element when hot.
- Ensure the power cord is undamaged and properly connected to a grounded outlet.
- Keep flammable materials away from the soldering area.
- Unplug the unit when not in use or before performing maintenance.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Preciva 948DB+ II Soldering Station
- Soldering Iron Handle
- Soldering Iron Stand
- Two Soldering Tips
- 10g Lead-Free Solder Wire Roll
- User Manual

4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Placement:** Place the soldering station on a stable, heat-resistant surface. Ensure adequate ventilation around the unit.
3. **Connect Soldering Iron:** Connect the soldering iron handle to the designated port on the front of the soldering station. Ensure a secure connection.
4. **Install Soldering Tip:** Insert a soldering tip into the soldering iron handle. Ensure it is fully inserted for proper heating. Refer to Image 4.1 for tip replacement guidance.
5. **Position Soldering Iron Stand:** Place the soldering iron stand in a convenient and safe location, ensuring the hot iron can rest securely without touching other objects.
6. **Power Connection:** Connect the power cord to the soldering station and then to a grounded electrical outlet.

CÓMO REEMPLAZAR LA PUNTA DEL SOLDADOR



Image 4.1: How to replace the soldering tip. Ensure the tip is fully cooled before removal and fully inserted for operation.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

To power on the unit, flip the main power switch located on the rear of the station. The LED display will illuminate. To power off, flip the switch back.

5.2 Temperature Adjustment

The soldering station features a digital LED display for precise temperature control. The temperature range is 200°C to 480°C (392°F to 896°F).

- **Adjusting Temperature:** Use the rotary knob on the front panel to increase or decrease the desired temperature. The display will show the set temperature.
- **Quick Heating:** The soldering iron heats up rapidly, reaching operating temperature in approximately 5 seconds.



Image 5.1: Rotary knob for precise temperature control.

5.3 Preset Channels

The station includes three preset channels (CH1, CH2, CH3) for quick recall of frequently used temperatures. These can be customized and stored.

- **Selecting Presets:** Press the rotary knob to cycle through the preset channels.
- **Saving Presets:** Adjust the temperature to your desired value, then press and hold the rotary knob until the display indicates the temperature has been saved to the current channel.

TRES CANALES PREESTABLECIDOS

Control preciso de temperatura



Image 5.2: Three preset channels for common soldering tasks.

5.4 Sleep Mode and Automatic Shutdown

To prolong tip life and enhance safety, the soldering station features intelligent sleep mode and automatic shutdown functions.

- **Sleep Mode:** The sleep mode can be set to 0, 5, 10, or 30 minutes. If the iron is inactive for the set duration, it will enter sleep mode, reducing the tip temperature.
- **Automatic Shutdown:** After 30 minutes in sleep mode, the station will automatically shut down.
- **Exiting Sleep Mode:** Simply pick up the soldering iron or press any button to resume operation.



MODO DE REPOSO + APAGADO AUTOMÁTICO

Vida útil prolongada de la punta y seguridad mejorada

Modo de reposo

0/5/10/30 min ajustable
(ajustar a 0 para desactivar el reposo)



Apagado automático

30 min después del modo de reposo

Image 5.3: Sleep mode and automatic shutdown for safety and tip longevity.

5.5 Fahrenheit/Celsius Conversion

The unit supports temperature display in both Celsius and Fahrenheit. Refer to the full instruction manual for specific steps on how to switch between these units.

5.6 Calibration

The soldering station allows for temperature calibration to ensure accuracy. Consult the detailed manual for the calibration procedure.

6. MAINTENANCE

6.1 Soldering Tip Care

- **Cleaning:** Regularly clean the soldering tip using the included brass wool or a damp sponge to remove excess

solder and oxidation.

- **Tinning:** Always tin the tip with a small amount of solder before and after use to prevent oxidation and ensure efficient heat transfer.
- **Replacement:** Replace worn or damaged soldering tips as needed. Ensure the iron is completely cool before replacing tips (refer to Image 4.1).

6.2 Station Cleaning

Wipe the exterior of the soldering station with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.

6.3 Heat Dissipation

The unit features ventilation holes for heat dissipation. Ensure these are not blocked to maintain optimal performance and prolong the tool's lifespan.

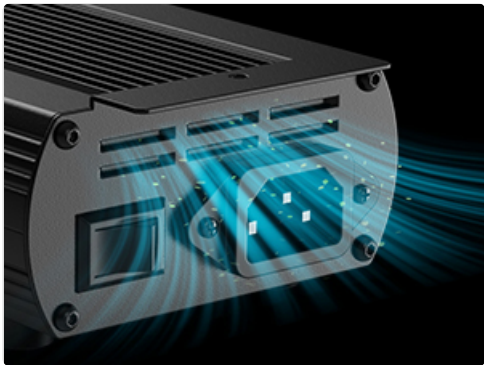


Image 6.1: Heat dissipation vents on the soldering station.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Station does not power on.	No power supply; power switch off; faulty power cord.	Check power connection; ensure switch is on; replace power cord if damaged.
Soldering iron not heating.	Tip not fully inserted; faulty heating element/tip; loose connection.	Ensure tip is fully inserted; check connection to station; replace tip if necessary.
Temperature display is inaccurate.	Needs calibration.	Perform temperature calibration as per the detailed manual.
Solder does not melt easily.	Temperature too low; tip oxidized; incorrect solder type.	Increase temperature; clean and tin tip; use appropriate solder.

If you encounter issues not listed here, please contact Preciva customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Preciva

Feature	Specification
Model Number	PL12403 (DE3TPST58)
Wattage	75 Watts
Temperature Range	200°C - 480°C (392°F - 896°F)
Temperature Stability	±2°C (Static)
Display Type	LED
Preset Channels	3
Sleep Mode	Adjustable (0/5/10/30 minutes)
Automatic Shutdown	After 30 minutes in sleep mode

9. WARRANTY AND SUPPORT

Preciva products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Preciva website. You can also contact the seller directly for assistance.

For more information about Preciva products, visit the [Preciva Brand Store](#).

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ASK A QUESTION ABOUT THIS MANUAL

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