

TEMPO PA8000

Paladin Tools PA8000 CrimpALL Professional Crimping Tool User Manual

Model: PA8000 | Brand: TEMPO

INTRODUCTION

The Paladin Tools PA8000 CrimpALL Crimper is an ergonomic crimp frame designed for professional use. It is compatible with over 50 interchangeable die sets, offering versatility for various crimping applications. This tool is engineered for superior comfort and ease of use, providing an ultra-smooth, fully ratcheting crimp cycle. Its robust construction ensures long-term durability.

Key Features:

- Cushion grip handles for comfort
- Higher crimp force with less hand force
- Angled head prevents awkward wrist bends
- Rugged, double-plated jaw for over 50,000 crimp cycles
- Uses same dies as 1300 series



Figure 1: The Paladin Tools PA8000 CrimpALL Professional Crimping Tool, showing its ergonomic design and robust construction.

SETUP

The PA8000 CrimpALL is a crimper frame only, meaning it requires interchangeable die sets (sold separately) to perform specific crimping tasks. Ensure you have the correct die set for your application before proceeding.

Installing Die Sets:

1. **Select the Correct Die Set:** Identify the appropriate die set for the type and size of terminal or connector you intend to crimp.
2. **Open the Crimper Frame:** Fully open the handles of the PA8000 crimper frame.
3. **Insert Dies:** Align the pins on the die set with the corresponding holes in the crimper frame's jaws. Gently push the die set into place until it clicks or seats firmly.
4. **Verify Installation:** Close the handles slightly to ensure the die set is securely held and moves smoothly within the frame.



Figure 2: The PA8000 crimper frame shown with an interchangeable die set already installed, ready for use.

OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your PA8000 CrimpALL tool:

1. **Prepare the Wire/Terminal:** Strip the wire to the recommended length for your terminal. Insert the wire into the terminal barrel.
2. **Position the Terminal:** Place the terminal and wire into the appropriate crimp cavity of the installed die set. Ensure the terminal is fully seated and aligned.
3. **Perform the Crimp:** Squeeze the handles of the crimper firmly and steadily until the ratcheting mechanism releases. This indicates a complete crimp cycle. The ratcheting action ensures consistent crimp pressure.
4. **Inspect the Crimp:** After the crimp, visually inspect the connection to ensure it is secure and properly formed. The insulation should be crimped without damage, and the conductor should be firmly held.
5. **Safety Release:** In case of improper positioning or a need to release the crimp cycle before completion, locate and activate the built-in safety release mechanism (refer to the tool's physical markings for exact location).



Figure 3: Side view of the PA8000 crimper, highlighting the angled head design that helps prevent awkward wrist bends during operation.

MAINTENANCE

Regular maintenance will extend the life and performance of your PA8000 CrimpALL tool:

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dirt, dust, or debris. Pay special attention to the crimping jaws and pivot points.
- **Lubrication:** Periodically apply a light machine oil to all moving parts, especially the pivot points and the ratcheting mechanism, to ensure smooth operation.

- **Storage:** Store the tool in a dry environment to prevent rust. Keep it away from excessive heat or cold.
- **Die Set Care:** Clean die sets separately and store them in their designated cases to prevent damage and ensure proper function.

TROUBLESHOOTING

If you encounter issues with your PA8000 CrimpALL tool, consider the following:

Problem	Possible Cause	Solution
Poor Crimp Quality	Incorrect die set for terminal/wire; improper wire stripping; worn die set.	Ensure correct die set is used. Verify wire is stripped to correct length. Inspect die set for wear and replace if necessary.
Handles Stick/Hard to Close	Lack of lubrication; debris in mechanism.	Clean and lubricate all moving parts. Remove any foreign objects.
Ratcheting Mechanism Not Releasing	Tool not fully closed; mechanism jammed.	Ensure full closure of handles. Check for obstructions. Use safety release if needed.

SPECIFICATIONS

- **Brand:** TEMPO
- **Model Number:** PA8000
- **Material:** Steel
- **Handle Material:** Rubber
- **Grip Type:** Ergonomic
- **Color:** Black, Green
- **Item Weight:** 0.01 Ounces (frame only)
- **Product Dimensions:** 13.2 x 5.6 x 1.2 inches
- **UPC:** 769328108736
- **Usage:** Telecommunications, networking, electrical work

WARRANTY AND SUPPORT

The Paladin Tools PA8000 CrimpALL Professional Crimping Tool comes with a**Lifetime Warranty**. For warranty claims, technical support, or additional information, please contact Tempo Communications customer service.

Additional Resources:

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Video: Learn more about Tempo Communications and their commitment to quality tools for technicians. This video provides an overview of the company's history and product philosophy.

Visit the official [Tempo Communications Store](#) for more products and information.

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.

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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