Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Jyving CP-751N

Pro'sKit CP-751N 7.5-inch Non-Insulated Terminal Crimping Tool User Manual

Model: CP-751N
Brand: Pro'sKit

1. Introduction

This manual provides detailed instructions for the safe and effective use of the Pro'sKit CP-751N 7.5-inch Non-Insulated Terminal Crimping Tool. Please read this manual thoroughly before operation and retain it for future reference.



Image 1: The Pro'sKit CP-751N 7.5-inch Non-Insulated Terminal Crimping Tool, featuring its ergonomic handles and crimping jaws.

2. Safety Instructions

Always follow basic safety precautions when using any hand tool to reduce the risk of injury.

- Wear appropriate personal protective equipment, such as safety glasses, to protect against flying debris.
- Ensure the tool is clean and in good working condition before each use.
- Do not use the tool for purposes other than crimping non-insulated terminals.
- Keep hands and fingers clear of the crimping jaws during operation.
- Store the tool in a dry, secure place, out of reach of children.

3. Product Features

- **High-Quality Construction:** Made from durable carbon steel with a black oxide finish for corrosion resistance.
- **Precise Crimping:** Features precise dies and an integral lock for consistent, high-quality crimps.
- **Ergonomic Design:** Equipped with a non-slip TPR handle for comfortable and secure grip, reducing user fatigue.

- **Ratchet Mechanism:** Provides efficient crimping with reduced effort and adjustable pressure for various terminal sizes.
- **Compact Size:** At 190mm (7.5 inches) in length, it is designed for ease of handling and portability.



Image 2: Diagram highlighting key features of the CP-751N, including AISI 4140 Alloy Steel, S50C Carbon Steel with black oxide finish, Ratchet Design with adjustable crimping pressure, and TPR+PP Anti-Slip Ergonomic Handle.

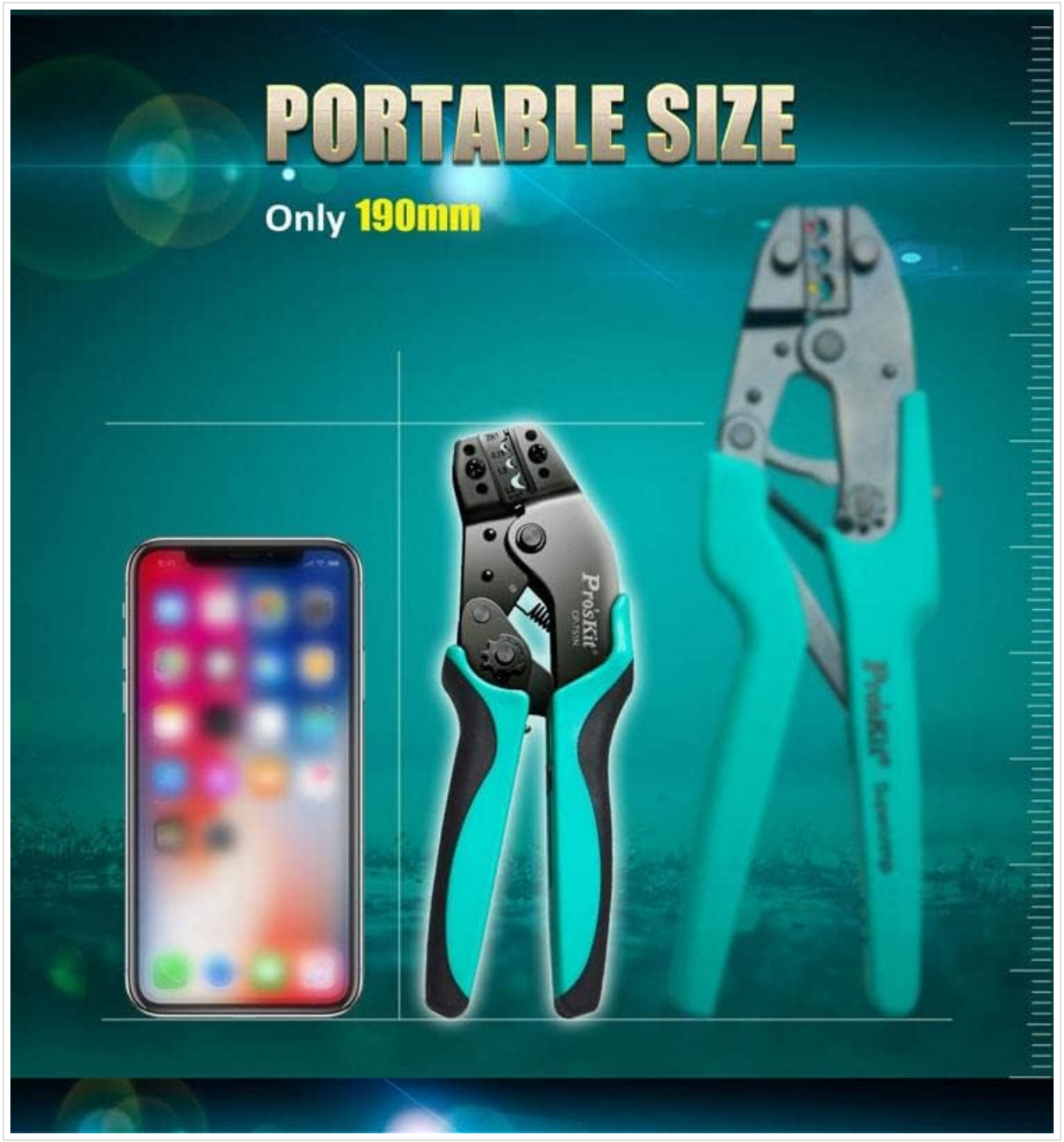

Image 3: Size comparison of the CP-751N crimping tool next to a smartphone, illustrating its compact 190mm length.

4. Specifications

Attribute	Detail
Model	CP-751N
Tool Length	190mm (7.5 inches)
Crimping Type	Non-Insulated Terminals
Crimping Range (AWG)	22-18 / 18-16 / 16-14
Crimping Range (DIN)	0.35-0.75 / 0.75-1.5 / 1.5-2.5mm²
Crimping Range (JIS)	0.35-0.75 / 0.75-1.25 / 1.25-2mm²
Handle Material	Thermoplastic Elastomer (TPE)

Body Material	Carbon Steel (S50C) with black oxide finish
Color	Green & Black
UPC	685330031582

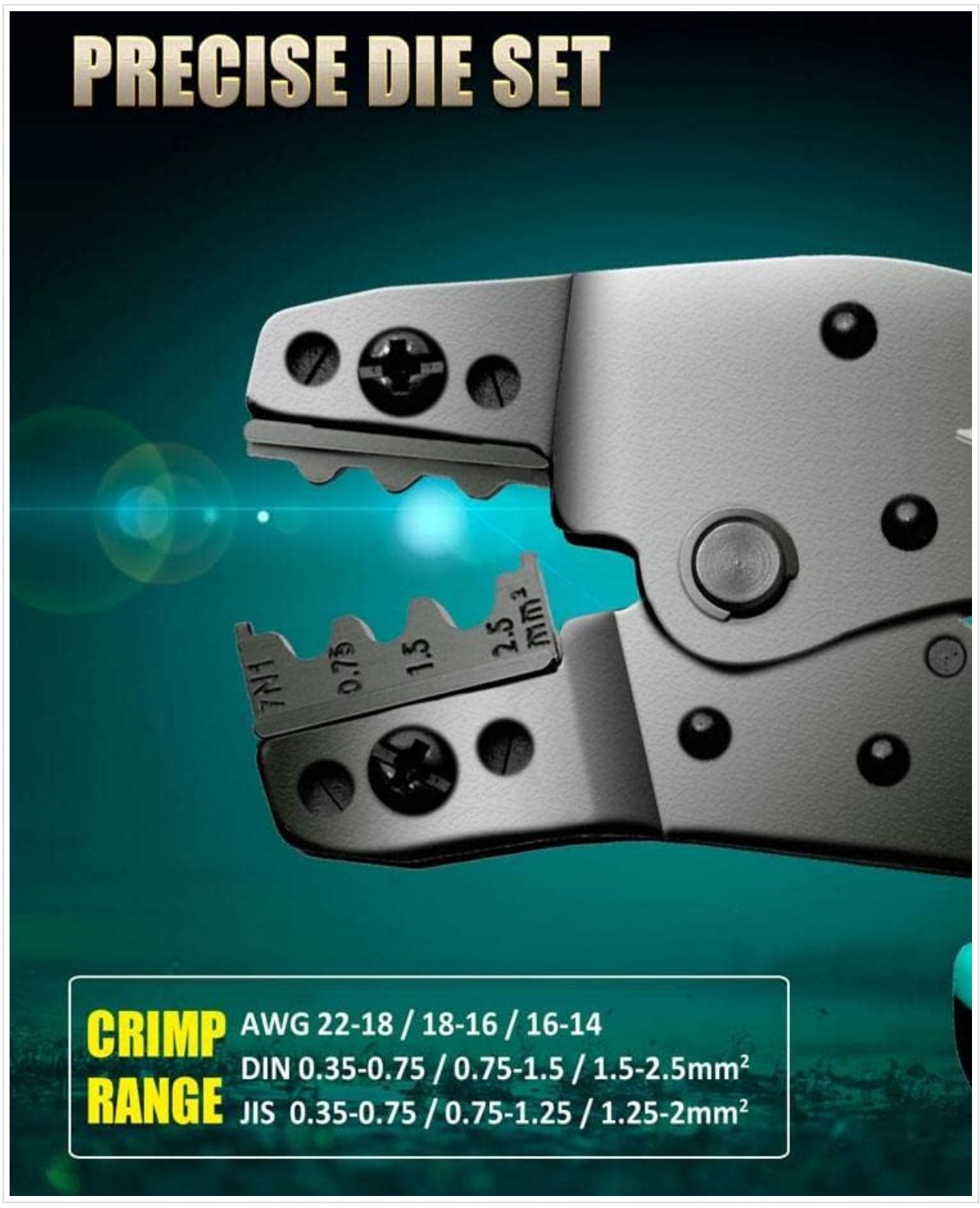

Image 4: Close-up view of the crimping tool's precise die set, illustrating the marked crimping ranges for AWG, DIN, and JIS standards.



Image 5: Detailed view of the crimping dies, showing dimensions and specific markings for non-insulated terminals across various gauges.

5. Setup

The Pro'sKit CP-751N crimping tool is ready for use out of the package. No assembly is required. Inspect the tool for any damage before first use.

6. Operating Instructions

Follow these steps for proper crimping of non-insulated terminals:

1. **Prepare the Wire:** Strip the insulation from the end of the wire to the appropriate length for your terminal.
2. **Select Terminal and Die:** Choose the correct non-insulated terminal for your wire gauge. Identify the corresponding crimping slot on the tool's die set (AWG, DIN, or JIS markings).
3. **Position the Terminal:** Insert the terminal into the selected crimping slot. Ensure it is seated correctly and aligned.
4. **Insert the Wire:** Insert the stripped wire into the terminal barrel.

5. **Crimp:** Squeeze the handles of the crimping tool firmly until the ratchet mechanism completes its cycle and releases. This ensures a full and secure crimp.
6. **Inspect:** Remove the crimped terminal and inspect it for a secure connection. The wire should be firmly held, and the terminal should not show signs of damage or loose strands.

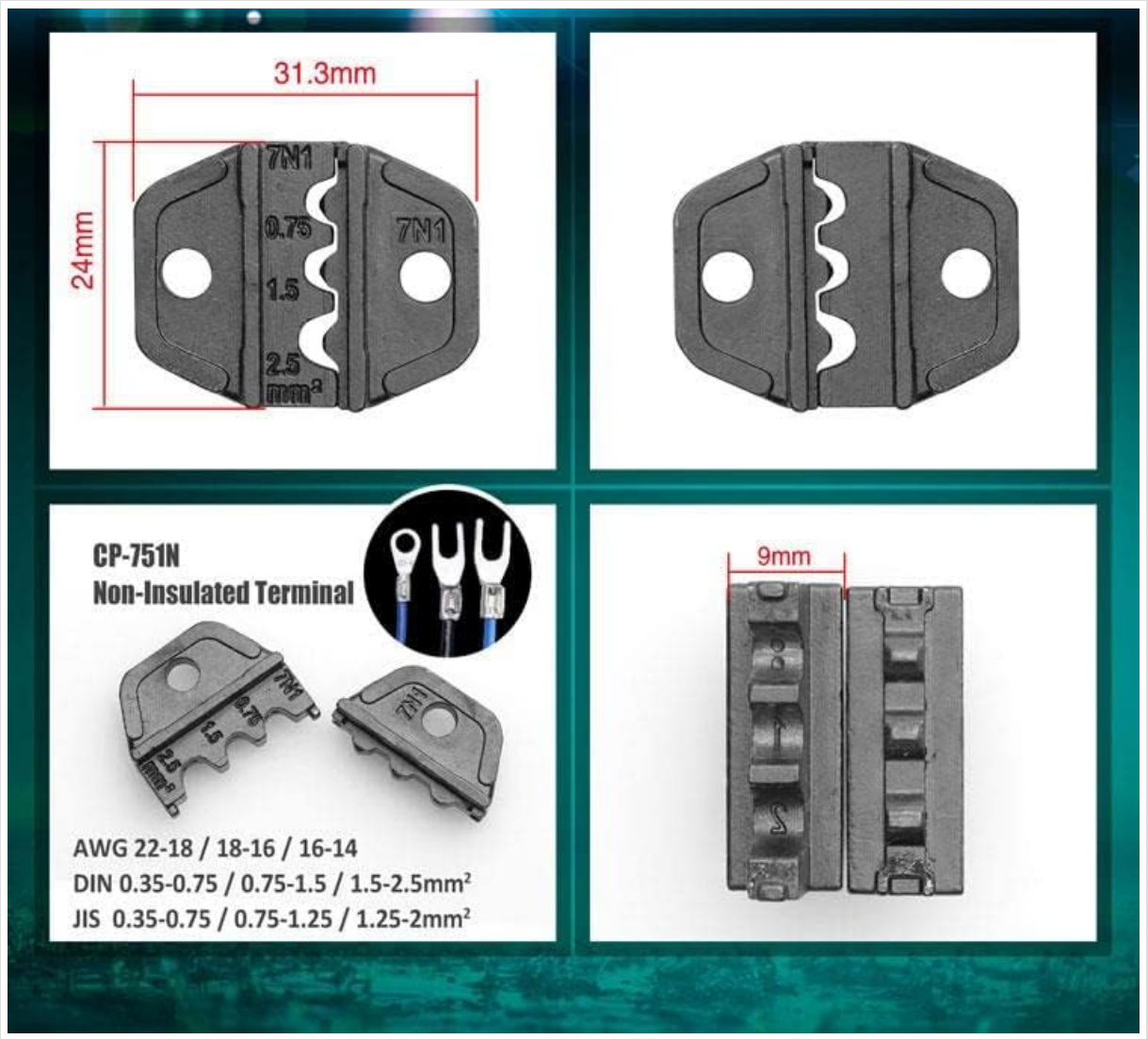

Image 6: Visual guide demonstrating the four steps of the crimping application: stripping the wire, placing the terminal in the die, completing the crimp, and showing the finished non-insulated terminal.

7. Maintenance

- Keep the tool clean and free from dirt, dust, and debris. Wipe down with a clean, dry cloth after each use.
- Periodically apply a light oil to the pivot points and moving parts to ensure smooth operation and prevent rust.
- Store the tool in a dry environment to prevent corrosion.
- Do not attempt to modify or repair the tool yourself. Contact qualified service personnel if repairs are needed.

8. Troubleshooting

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

- **Poor Crimp Quality:** Ensure you are using the correct die size for the terminal and wire gauge. Verify the wire is stripped to the correct length and fully inserted into the terminal.
- **Tool Jams:** Check for any foreign objects or debris in the crimping jaws. Ensure the ratchet mechanism is clean and lubricated.

- **Difficulty Squeezing Handles:** Confirm you are not attempting to crimp oversized terminals or materials. The ratchet mechanism should assist in effort reduction; if it feels unusually stiff, lubrication may be needed.

9. Warranty and Support

For warranty information or technical support, please refer to the manufacturer's official website or contact your point of purchase. Keep your proof of purchase for warranty claims.

10. Additional Information

For more information on Pro'sKit tools and accessories, visit the official Pro'sKit website.



Image 7: The Pro'sKit CP-751N crimping tool displayed with its retail packaging, highlighting its features and compact size.

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

Open the live page

https://manuals.plus/asin/B0C38XS3LJ

More documents and user manuals: **https://manuals.plus/**