

**wz
Lenk**

INSTRUCTION MANUAL



NOTE: This tool has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do **NOT** modify the plug in any way.

DUAL HEAT SOLDERING GUN

Professional Quality

- Professional Quality and Performance - designed for heavy duty use.
- Fast Heat-Up - tips reach soldering temperature in only 4 to 5 seconds.
- 2-Position Trigger Control - easily select a high or low heat to suit work.
- Balanced Pistol Grip - for good control and user comfort.
- Built-in Spotlight - illuminates the work area.
- Three Loop-Style Tips - efficient and versatile, 2 soldering tips and 1 cutting tip.
- Quick Change Tips - replaceable tips can be easily changed within 30 seconds.

Soldering Gun: 120 VAC 60Hz.

Three Interchangeable Soldering Tips:

Soldering Tip (2)

Cutting Tip (1)

Solder: 1/2 oz., Lead-Free Rosin Core

⚠ WARNING

"This product when used for soldering or similar applications, can expose you to chemicals including lead known to the State of California to cause cancer and birth defects (or other reproductive harm). For more information go to www.P65Warnings.ca.gov."

NOTE: Lead free solder is recommended.

DUAL HEAT SOLDERING GUN APPLICATIONS

- * Auto Radiator Repair
- * Gutters/Downspouts
- * Heavy Wire Splicing
- * Printed Circuit Repair
- * TV and Radio Repairs
- * Sheet Metal Work
- * Model Trains/Planes/Cars
- * Appliance Repairs
- * Electronic Repairs
- * Jewelry Repair

ATTENTION: Read these instructions carefully before attempting to operate or service this soldering gun. Do NOT throw away.

GENERAL SAFETY INFORMATION

1. Keep the work area clean and free of combustible materials. Cluttered areas and benches invite accidents and can cause fires.
2. Do not use tools in damp or wet locations. Do not expose tool to rain. Keep work area well lit.
3. This tool is not a toy. Keep away from children at all times and do not let children use this tool.
4. After the tip has cooled, store in a safe, secured location and out of the reach of children.
5. Do not force a tool or attachment to perform a job for which it was not designed. Do not abuse the cordset. Use cordset away from heat, oil and sharp edges. Never carry this tool by the cordset or yank it when unplugging if from the receptacle.
6. Use a clamp or vise to hold the work being soldered. It is safer as this frees both hands to operate the tool.
7. Unplug the tool when not in use and allow tool to cool to room temperature before changing tips or doing maintenance.
8. Avoid accidental starting - do not carry a plugged-in tool with finger on the trigger.

SPECIFICATIONS:

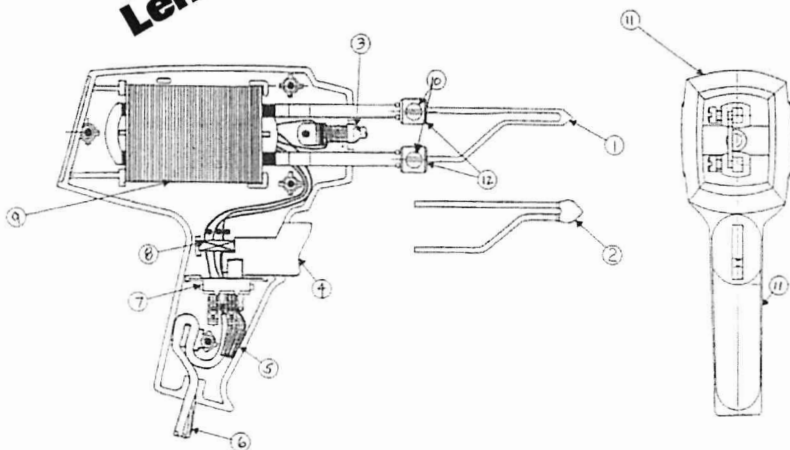
| | |
|------------------------|------------------------------------|
| Rated usage: | Heavy duty soldering |
| Power Supply Required: | 120 VAC, 60 Hz |
| Amperes: | 2.5 max.. |
| Duty Cycle: | 'ON' for 1 min., 'OFF' for 4 mins. |
| Housing: | Thermoplastic |
| Cordset: | 6 ft. 0 inches |
| Weight (Approximate): | 2.75 pounds |

Each soldering gun is a ruggedly built tool designed to provide maximum performance under varying operating conditions. Each soldering gun comes equipped with: • a three position - 'OFF', 'LOW', and 'HIGH' - trigger switch, • a spotlight with focused lens to illuminate the work area, • three removable tips - 2 for SOLDERING, 1 for CUTTING • A self-standing feature (back surface of housing) for resting the gun safely when in use. • UL Listed.

OPERATING PROCEDURES

Follow these procedures when operating the tool:

1. Plug the soldering gun's cordset into a proper power outlet.
2. Depress the trigger switch to select the soldering temperature best suited for the work. NOTE: The elapsed time needed to reach soldering temperature after the trigger is depressed is only about 5 seconds. The trigger sequence is as follows:
 - 2.1. 'OFF' - full release of the trigger.
 - 2.2. 'HIGH' Temperature - partial depression of the trigger. Use only when necessary as this will help prolong tip life.
 - 2.3. 'LOW' Temperature - full depression of the trigger. Use this setting when possible to prolong tip and tool life.NOTE: When changing from 'LOW' to 'HIGH' position, the spotlight will extinguish momentarily.
3. Soldering the joint (Or use the smoothing tip as needed for other work). There are several factors to consider when making a good solder joint:
 - 3.1. The **surfaces to be joined must be clean**. Remove any dirt, dust, wax, oils or corrosion.
 - 3.2. **Use the proper flux** (or self-fluxing solder) for the job - Rosin flux for electrical/electronic work, Acid flux for other work.
 - 3.3. **Use the proper solder** for the job. For connections, a strong bond is preferred which can be achieved by using a good grade of solder (one having a higher tin content). Lead-free solder is recommended.
 - 3.4. **Mechanically connect the pieces being joined** before soldering.
 - 3.5. **'Tin' the tip** by applying a coat of solder to the end of the tip **during the tip's heat-up stage**.
 - 3.6. Apply the **correct amount of heat** to the joint. Use the 'LOW' setting for smaller work, lighter wires and thinner metals. Use the 'HIGH' position for larger jobs, heavier metals, larger joints and wires.
 - 3.7. **Heat the materials being joined** to solder melt temperatures, then apply the flux and solder to the metals at the joint.
4. Changing tips: NOTE: Do not change tips while tip is hot. Cool tip to room temperature before changing.
 - 4.1. Using a screwdriver, loosen the two tip connector screws. Remove tip by sliding tip out of tip connectors.
 - 4.2. Slide new tip into tip connectors. Using a screwdriver, firmly tighten the two tip connector screws.
 - 4.3. During use, check to make sure the connector screws remain tight by occasionally retightening with screwdriver.
 - 4.4 Where they touch and overlap, keep the areas of the tip connection clean for best results.

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Lenk****REPLACEMENT PARTS LIST**

| NO. | PART NO. | DESCRIPTION |
|-----|----------|------------------------------------|
| 1 | | Soldering Tip |
| 2 | | Cutting Tip |
| 3 | | Pilot Light |
| 4 | | Trigger |
| 5 | | Wire Nut |
| 6 | | Cord |
| 7 | | Switch |
| 8 | | Trigger Spring |
| 9 | | Transformer Assembly |
| 10 | | Set Screw (Set of 2) |
| 11 | | Housing - Left / Right |
| 12 | | Connectors (Set of 2) |
| 13 | | Lead Free Rosin Solder (Not Shown) |
| 14 | | Plastic Storage Case (Not Shown) |

LIMITED WARRANTY

This unit has been carefully checked and tested prior to leaving the factory, and to the best of our knowledge, is free from defects in workmanship and material. We will replace or repair, after inspection, at our cost, all parts found to be defective in material and workmanship for a period of *one year from date of purchase*.

The customer is required to prepay all transportation charges connected with the repair under this warranty agreement.