INDUSTRIAL SOLDERING GUN

UL LISTED

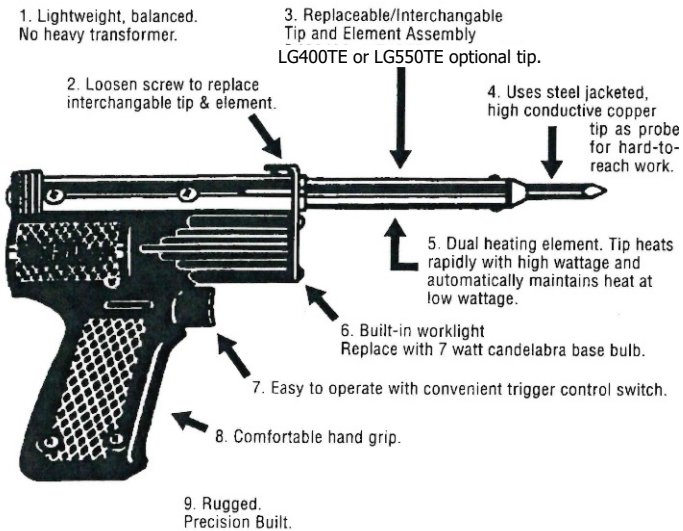
MADE IN THE USA

Wall Lenk Corporation

PO Box 3349
252-527-4186

Kinston, N.C. 28502-3349
Fax 252-527-4189

SINCE 1864



INTRODUCTION

You have just purchased a high performance soldering gun, a precision built and rugged tool specifically designed for the demanding craftsman.

This gun is an dual wattage tool that automatically utilizes the high wattage to rapidly heat the tip to soldering temperature. When the tip reaches its rated temperature, the lower watt maintains tip heat during the soldering process.

You will enjoy the tool lightweight and balanced "feel" that makes soldering easy, reduces fatigue, and a performance that is unequalled.

SPECIFICATIONS

	MODEL LG400	MODEL LG550
Max. Tip Temperature	1000°F	1070°F
Tip Size	1/4"	1/2"
Dual Wattage	400 / 150 W	550 / 300 W
Replacement Tip & Element	LG400TE	LG550TE

Note: Tip and element is an assembly that is replaced as a unit

HOW TO SOLDER

GENERAL: To ensure a good solder joint it is essential that:

- The **material** to be soldered **is thoroughly clean.**
- A **good grade of solder** is used.
- The **parts to be soldered** must be heated to a temperature that melts the solder and permits it to flow into the joint.

1. **Clean the work thoroughly** by using a file, sandpaper, steel wool or brush. Clean printed circuit boards gently.

2. **"Tin"** the working end of the tip with solder **as the tip heats;** not after it is fully heated.

3. **Use the proper solder** and cleaning flux. Solder having a higher tin content i.e. 50% tin) provides a better bond. A cleaning flux, either Rosin or Acid, should be used to prepare the surface. Solders having rosin or acid cores are self-fluxing. Refer to solder use chart below:

SOLDER	USES	METALS
ROSIN* CORE	ELECTRICAL WORK ELECTRONICS, TV, RADIO APPLIANCES, MOTORS, GENERATORS	COPPER, SILVERPLATE, TIN PLATE GOLD PLATE
ACID* CORE	GENERAL PURPOSE TOYS, CRAFTS, COPPER TUBING, GUTTERS, PLUMBING	COPPER, STEEL, GALVANIZED IRON, NICKEL, ALLOYS, TIN PLATE, PLATE BRASS

* For electronics and electrical work use only rosin core solder. Use acid core solder only where flux residue can be washed away.

4. **Heat the work surfaces** thoroughly using the entire tip surface. Then apply solder to the **heated parts** at the point of tip contact. Don't over solder.

5. **Allow solder to cool** and set before moving parts.

6. **After use, clean the tip** with steel wool. Retin the tip prior to storage.

Be sure gun is cool before removing tip.

NOTE: To remove tip and element assembly, loosen set screw on top of gun. Pull element assembly out of gun handle. To replace, reverse procedure making certain to engage plug into gun's receptacle. Tighten set screw.

⚠ DANGER

- Do not immerse in water. Could cause ELECTRICAL SHOCK. To do so could cause you serious injury or damage to the tool.
- This tool has a polarized plug. To reduce the risk of electrical shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not modify the plug in any way.
- This tool get very HOT and can cause severe burns. When using, touch the handle only. DO NOT touch any metal parts.
- The tool is not a toy. KEEP AND STORE OUT OF REACH OF CHILDREN.
- ADEQUATE VENTILATION must be used at all times.
- Always rest the tool on the tool holder provided so that hot parts of the iron do not contact other surfaces or materials.
- To prevent fires, keep the tool and tool holder away from all combustible materials.

⚠ WARNING

- Turn the unit off by unplugging the unit when not in use. This will greatly increase the life and performance of the tool.
- Allow to cool to room temperature before placing the tool in storage (allow 1-2 hours).
- If a separate tool holder is used always use a pair of pliers to remove the tool holder, as the holder can become hot while it holds the tool. Always use pliers to change tips.
- "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.

Limited Warranty

Wall Lenk Corporation warrants its products and accessories to be free from defective materials and workmanship for a period of 90 days from date of original purchase. This warranty does not apply to any product which has been disassembled, damaged or defaced, subjected to misuse, abnormal service or mishandling, nor any product altered, repaired or disassembled by anyone other than Wall Lenk Corporation. During this warranty period Wall Lenk Corporation, at its option, may repair or replace such product at no cost to the purchaser for labor and/or materials when returned with transportation cost pre-paid to Wall Lenk Corporation., together with proof of purchase. THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO WALL LENK CORPORATION'S PRODUCTS AND ACCESSORIES AND IS EXRESSLY IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE WALL LENK CORPORATION SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM BREECH OF WARRANTY. THE REMEDIES EXPRESSLY SET FORTH HEREIN ARE EXCLUSIVE AND NO OTHER REMEDY FOR BREECH OF WARRANTY EXISTS.