

# LENK Model L80

## SOLDERING IRON

### 80 Watts, 120 Volts



#### FEATURES:

- Develops 995°F tip temperature to make better solder joints.
- Efficient mica-insulated, nichrome heating element provides more stable tip temperatures and longer element life.
- Pencil type handle is cooler to use and provides better handling and control.
- Tip is replaceable - LENK No. L80T.

#### CAUTION

- Use carefully.
- Unplug after use.
- Always rest tip on holder.
- Hot irons can cause severe burns.
- Keep away from combustible materials.
- Not a toy. Store out of reach of children.

SOLDER	USES	METALS
Rosin* Core	Electrical Work, Electronics, TV, Radio, Appliances, Motors, Generators	Copper Silver Plate 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.

#### HOW TO SOLDER

1. Use the correct iron. Wattage and tip size should be sufficient to thoroughly heat the parts being soldered.
2. Use the proper solder.
3. Clean the work thoroughly to ensure good bond using steel wool, fine sandpaper or file. Clean printed circuit boards gently.
4. "Tin" tip of iron. As iron heats up, apply solder to tip surfaces.
5. Heat the work surface thoroughly using entire tip surface. Then apply solder to heated parts at the point of tip contact. Don't over solder.
6. Allow solder to cool and set before moving parts.
7. MAINTAIN IRON FOR LONGER LIFE
  - a. Clean tip with steel wool or a fine file.
  - b. Always keep tip well "tinned".
  - c. To prevent tip from "freezing" in iron, apply graphite to threads on tip and loosen tip after each use. Tighten tip before using again.

\*WARNING: This product when used for soldering and similar applications, produces chemicals known to the State of California to cause cancer and birth defects (or other reproductive harm).\*

Note: Lead-free solder is recommended

#### LIMITED GUARANTEE

Wall Lenk Corporation warrants its products and accessories to be free from defective materials and workmanship for five years 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 and 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 costs prepaid 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 EXPRESSLY IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE WALL LENK CORPORATION SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM BREACH OF WARRANTY. THE REMEDIES EXPRESSLY SET FORTH HEREIN ARE EXCLUSIVE AND NO OTHER REMEDY FOR BREACH OF WARRANTY EXISTS.



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#### 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](http://www.P65Warnings.ca.gov)

NOTE: Lead free solder is recommended.