

# Operating Instructions

## INTRODUCTION

This quality iron is fitted with a dial adjustment in the handle to select temperatures between 200°C and 450°C. Fitted with ceramic heater for excellent  $\pm 2^{\circ}\text{C}$  temperature stability. Comfortable rubberised grip fitted with strain relief and 3 pin 240V mains lead.

## APPLICATIONS

This soldering iron is designed for general purpose electronic component use. Suitable for PCB assembly, kit construction, auto wiring etc.

## FEATURES

- Stable soldering temperature and high power heater elements.
- Quick heat-up and good temperature reduction compensation.
- Long life lead free soldering tip and safety reliable grounding device.

## SPECIFICATIONS

Input:	100V - 240V ac
Power:	50W
Temperature Range:	200°C to 450°C
Temperature Control Precision:	$\pm 5\%$
Grounding Resistance:	$<0.1\ \Omega$
Fuse:	1A/250V

## PRODUCT



## WARNING:

1. Operate this iron in a well ventilated area.
2. Do not tap the tip heavily in attempting to remove solder build-up.
3. Do not use it for non-soldering applications.
4. Do not disassemble the housing of the iron.
5. Only use recommended replacement parts e.g. tips.
6. Please turn off the power when you have finished using it.
7. This tool must be placed on its stand when not in use.
8. Do not immerse in water.
9. Before cleaning the unit, always remove the power lead plug from the socket. Unscrewing the housing is not permitted.
10. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
11. Children should be supervised to ensure that they do not play with the appliance. Failure to observe this safety regulation could result in a risk to life and limb. The manufacturer or supplier shall not be liable for damage resulting from misuse of the unit or unauthorised alterations.

**HOW TO SOLDER:**

1. Turn the soldering iron and wait 45 seconds for it to heat up before you start soldering.
2. The temperature regulation button on the handle indicates the temperature.
3. The working temperature can be set in the range between 200°C and 450°C freely.

**LEAD FREE SOLDERING TIPS:**

1. The temperature control precision and heating power of the constant temperature soldering iron ensures its quality and reliability.
2. To ensure the lead free solder can cool down and mold quickly, reduce the dioxides and also form better solder points, lower working temperature is suggested.

**CAUTION:**

1. Ensure the solder always cover on the top of the soldering tip.
2. Do not use the strong acid flux when soldering.
3. Do not file or beat the soldering tip by file or hammer.
4. When the solder stick on the soldering tip, please use the sand paper to clean, and then soak in some flux. It is better to control the temperature on approx 250°C.