

protech

40W 240V Soldering Iron

HOBBYIST



User Manual

TS1475

BOX CONTENTS

- 1x 40W Soldering Iron

HANDY HINTS ON SOLDERING

The main causes of poor or defective soldering joints is incorrect techniques or trying to solder dirty components. Follow the hints below and you will be soldering like a pro in no time.

- The components that you are soldering must be clean.
- If necessary clean the items to be soldered with fine sandpaper or steel wool to expose a clean shiny surface.
- Keep the tip of your iron clean at all times
- Note, your iron is supplied with a long life, pre tinned tip. Consequently you should never file the tip of your iron to expose a clean surface.
- To clean the tip, preheat the tip for a few minutes, then wipe it clean on a damp sponge or cloth, which should expose a clean shiny tip. Then apply a small amount of solder to re-tin the tip. You'll make better soldered connections by occasionally re-tinning the tip
- Use the right kind of solder.
- For electrical work, use 60/40 electricians resin solder. Do not use acid cored or bar solder for electrical or electronic soldering work

TO SOLDER

- Place the tip of the iron on your joint for a few seconds to pre-heat it, then apply the solder. If the solder does not run onto the joint then the joint is not hot enough. When just enough solder is applied to cover the joint. Withdraw the iron and solder and allow to the joint to cool. It is vital the joint is not allowed to move while cooling. When cooled the joint should have a clean, shiny appearance.
- Use only enough solder to make a good connection.
- No solder joint was improved by adding more solder than was necessary.

YOUR IRON

Ideal for hobby work, however special care should be exercised when soldering any electronic components as these may be prone to damage if too much heat is applied. If you have never made a solder joint before, it is a good idea to practise beforehand using some old pieces of wire or other material.

FAULT FINDING

If the solder forms a ball, then either the components are dirty or there is not enough heat applied to the joint. Clean off the ball of solder and the components and resolder the joint.

If the joint has cracked, frosty or crystalline appearance, then you most likely have a "Dry joint". This will occur if the joint has moved while cooling or if not enough heat was applied. To correct this re-heat the joint and a little solder.

If the solder wont "take" to the joint you either have not applied enough heat or the components are dirt. Allow the joint to cool, clean the component that you are soldering and resolder the joint.

WARRANTY

Our product is guaranteed to be free from quality and manufacturing defects for a period of 12 Months.

If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.

This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim. Should you not be able to provide proof of purchase with a receipt or bank statement, identification showing name, address and signature may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:

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