

protech

Rechargeable Soldering Iron with Pivoting Head

HOBBYIST



User Manual



Please read and save all instructions to ensure safe and effective use of this product.

TH1920

GENERAL INFORMATION & SAFETY INSTRUCTIONS

- The product can only be used indoors, never outdoors. Do not expose to moisture, under any circumstances.
- When the item is in operation, do not touch the outer tube or soldering iron tip to avoid burns. Place it on a stand or upright on a desktop.
- Always keep tips coated with tin to ensure a long service life.
- Handle the heated soldering iron with extreme care, as the high temperature of the iron can cause fires or painful burns.
- The soldering iron must be placed on its stand when not in use.
- Harmful fumes may be generated during the soldering process. Work in a well-ventilated space or an environment with an exhaust system.
- Wear appropriate protective equipment to protect your eyes and body from splattering hot solder.
- When not in use or before cleaning, turn off the product and turn on the lock switch to prevent accidental activation.
- Allow the item to cool before cleaning or storage.
- Do not immerse the item in any liquid. Do not use the item to heat plastic or liquids.
- Do not disassemble or attempt to repair the item. It does not contain user-serviceable parts.

WARNING: The manufacturer is not responsible for any potential injury from misuse.

BOX CONTENTS

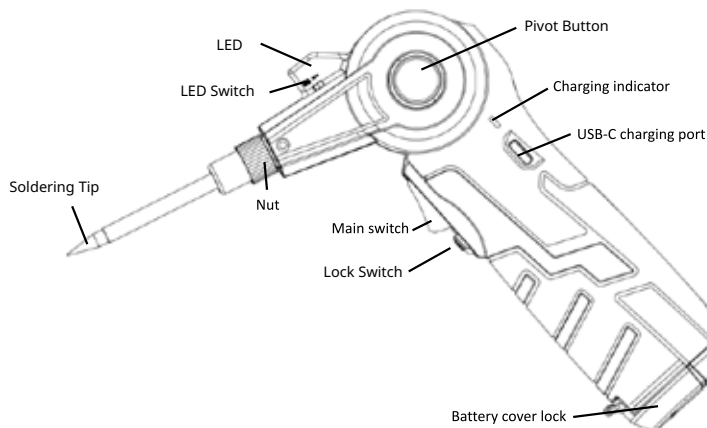
1 x Soldering Iron

1 x USB cable

1 x 18650 rechargeable battery

1 x Soldering Tip

PRODUCT OVERVIEW



BEFORE FIRST USE

Prior to using your product, please read all the safety and operating instructions thoroughly. Please ensure you follow the steps below before using the product. We recommend you keep the original packaging for storing the product when not in use.

Please pay close attention to the section entitled Important Safety and General Instructions. Find a safe and convenient place to keep this instruction manual for future reference.

Unpack the product but keep all the packaging materials until you have made sure your new product is undamaged and in good working order. Ensure you have all accessories listed in this manual. Plastic wrapping can be a suffocation hazard for babies and children so ensure all packaging materials are out of their reach.

BATTERY INSTRUCTIONS

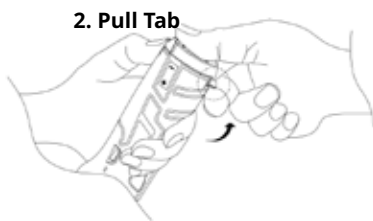
The device charges via the included USB charging cable. With a 2200mAh battery, it can run for up to 35 mins on a full charge. When the light begins to dim, this indicates that the battery needs recharging. A red indicator light shows it's charging, and turns green once charging is complete. First use charge till indicator light turns green.

How to change the battery

1. Push



2. Pull Tab



For the first use, open the battery compartment and insert the battery

NOTE: Ensure correct polarity when inserting the battery, positive end inward, then close the cover.

OPERATION INSTRUCTIONS

- Carefully unpack the item and check that all parts are intact. Do not use if any components are damaged.
- Place the soldering iron on the stand provided.
- Set the soldering iron on a stable, dry surface.
- Allow the tip to heat up to the desired temperature. To test Soldering Iron, touch the tip with solder if it melts easily, you're ready to begin.
- Before use, tin the heated tip by applying a small amount of solder.
- To solder, heat the joint with the tip and apply solder until it flows smoothly.
- After use, allow the soldering iron to cool naturally on the stand.
- Do not file the soldering tip, as this can cause permanent damage.
- Always return the soldering iron to the stand when heating or during pauses.
- Remove the battery if storing the product for extended periods.

CHARGING

To charge the soldering iron, connect the USB-C cable to the soldering Iron, plug USB-A to power supply or free USB-A port. A red light will indicate the unit is charging, and will turn green when it is fully charged.

BATTERY SAFETY

NOTE: Power supply not included.

1. Storage

- The battery should be stored in a cool dry area.
- When not in use for extended periods of time, please remove the battery.
- Never store in moist or damp environments.
- Never store above 60°C

2. Battery Pack Assembly

- Do not use if battery is damaged, or giving off an odor.
- The battery should be inspected visually before battery assembly.
- Ensure the battery is inserted in the correct way to avoid short circuit.

SAFETY INSTRUCTION

- Use approved USB-A mains power supply or free USB-A port.
- When connecting a battery to a charger, ensure correct polarity, do not reverse charge batteries.
- Don't throw the battery into the fire.
- Do not leave the battery in the sun or car.
- Battery should be disposed of according to local regulations.
- Do not solder directly to batteries.
- Do not subject batteries to adverse condition such as extreme temperature, deep cycling and excessive overcharge/over discharge.

WARNING

- When using a new battery or a battery to be used for the first time after long term storage, please fully charge the battery before using.
- Never change the battery with the polarity incorrect reverse charge.
- If you notice any unusual noise, excessive heat, or leakage from the battery, stop using it immediately.
- When the battery is hot, please do not touch it and handle it, until it has cooled down.
- Do not remove the outer sleeve from a battery nor cut into its housing.
- After using, if the battery is hot, before recharging it, allow it to cool in a well-ventilated place out of direct sunlight.
- Keep the battery away from babies and children. If swallowed, see a doctor immediately.
- In the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

CAUTION

- When not using a battery, remove it from the soldering iron.
- After extended periods of storage, it may be necessary to charge and discharge the batteries several times to obtain maximum performance.
- Keep battery clean and dry.

SPECIFICATIONS

Input	5V/1A (via USB-C)
Battery	3.7V Li-Ion 18650 (included)
Power	16W Max
Heating speed	Up to 20 seconds
Head angle adjustment	0 to 70°
Run time	Up to 35 minutes (fully charged)
Charge time	100 minutes
Dimensions	268 x 36 x 49mm
Weight	179g

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:

Electus Distribution
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Eastern Creek NSW 2766
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