65W Digital Soldering Iron

User Manual

Part Number: MP740867 UK

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Soldering Iron Tip Replacement

- Replacing the soldering iron tip should only be done when the iron Is switched oft and at room temperature.
- The tip can be changed or replaced by unscrewing the knurled nut barrel.

Caution: Damage could occur if the iron is left on without the tip inserted.

- After removing the tip, blow out any remaining oxide dust that may have formed in the tip retaining area of the barrel.

Warning: Care should be taken to avoid getting dust in your eyes.

- Replace the tip and tighten the knurled nut barrel assembly with your fingers.
- Pliers should only be used to tighten the nut if loosening occurs when the iron is hot.
- Do not over tighten the nut as the element could be damaged.

Cleaning

- Cleaning should only be done when the power is switched off and the iron is at room temperature.
- Use a damp cloth and a small amount of liquid detergent if necessary.
- Do not use any chemicals, abrasives or solvents that could damage the soldering iron.

Specification

Voltage	20V AC to 240V AC
Power	65W
Temperature Range	250°C ro 480°C
Temperature Accuracy	±10°C
Temperature Stability	±2°C
Heating Element	4 core PTC heater
Heat Indication	Blue LED
Temperature Units	°C/°F
Indiction	LCD

Important Safety Information

Please read these instructions carefully before use and retain for future reference

- When using electrical appliances basic safety precautions should always be followed.
- Check that the voltage indicated on the rating plate corresponds with that of the local network before connecting the appliance to the mains power supply.
- 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.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised.
- Do not operate the appliance with a damaged plug or cord, after a malfunction or after being dropped or damaged in any way.
- If the supply cord is damaged, it must be replaced by a qualified engineer in order to avoid injury or a hazard.
- Ensure there is sufficient space and ventilation around the appliance to allow the escape of heat and/or fumes.
- Do not expose to rain or moisture.
- Never place the product or part of it in water, or operate if your hands are wet.

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- Soldering work must be conducted on a stable, non-combustible surface.
- Do not touch any metallic parts near the soldering tip.
- The iron must not be left unattended while it is connected to the supply mains.
- The soldering iron must be placed in it's holder when not in use.
- Turn the soldering iron off and unplug it when it is not in use.
- This device must be earthed through the mains lead and plug.
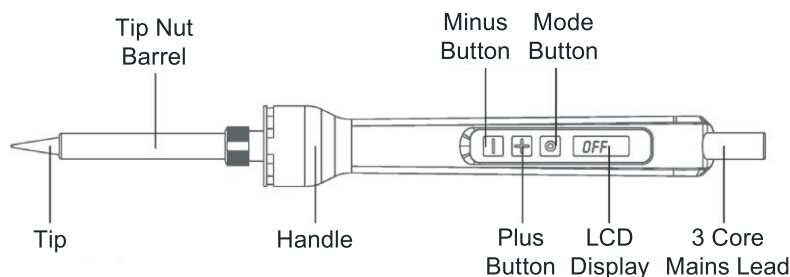
What's Included

- Soldering Iron and holder
- User manual

Product Overview

- Fast heating and precise temperature control.
- Ergonomic handle mounted two button temperature adjustment.
- Visual display for temperature setting.
- LED indicator for heating indication.

Operation

- Connect to the mains supply and turn on the soldering iron by pressing the mode button.
- Default temperature is set to 325°C and is shown on the display when initially powered on but thereafter the last set temperature is stored and restored after being powered off.
- The mode button LED flashes brightly when the heating element is on and flashes less bright when the set temperature is reached.
- If switching to a lower setting the mode button LED goes off until the temperature has dropped to the new setting.

Pre-set Temperature Adjustment
- Pressing + or - will increase or decrease the temperature in 9 initial pre-set steps:-
  250°C/482°F; 300°C/572°F; 325°C/617°F; 350°C/662°F; 375°C/707°F; 400°C/752°F
  425°F/ 797°F; 450°C/842°F; 480°C/896°F.
- The display shows the temperature set.

Quick Setting Mode
- Long press the mode button once in the normal working state to enter the quick temperature setting mode.
- Press + or - buttons to increase or decrease the temperature in the range 250°C to 480°C.
- The display shows the temperature set.

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Pre-set Temperature Setting
- In the quick temperature setting state, press the mode button to enter the pre-set temperature setting. This allows custom pre-sets to be stored and used.
- Press + or - to adjust in 1 degree increments shown on the display.
- The adjustment range: ± 50°C / ± 90°F applicable to the last pre-set used.

Temperature Unit Switching
- In the temperature compensation state, press the mode button to enter Centigrade or Fahrenheit setting mode.
- Pressing + or - switches between units displayed.

Sleep and Power Off Setting
- In the temperature unit switching state, press the mode button to enter sleep setting mode.
- Pressing + or - switches sleep mode on or off. 1 indicates mode is on, 0 is off.
- After 10 mins inactivity the display shows SLP and the tip maintains 250°C then after a further 20 mins the iron powers off.

Shutdown
- Press the mode button in normal state to turn the iron off. OFF is displayed.

Troubleshooting

- If all 5 temperature indicating LEDs are flashing or if H-E is displayed on the screen and there is no heating, the heating element may have failed.
- If all 5 temperature indicating LEDs are lit solidly or when S-E is displayed on the screen, there is a fault in the temperature sensor.

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