

T65 Smart Soldering Iron User Manual



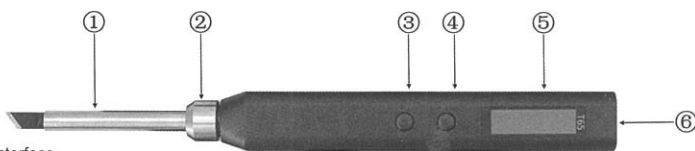
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Cautions

- The temperature of the tip of the soldering iron can reach 80~420°C during work, do not touch it!
- Please keep out of reach of children!
- Do not get the machine wet or use it in a humid environment!
- Do not stay in a high temperature state for a long time to avoid dry burning!
- Please disconnect the power when not in use!

Parts

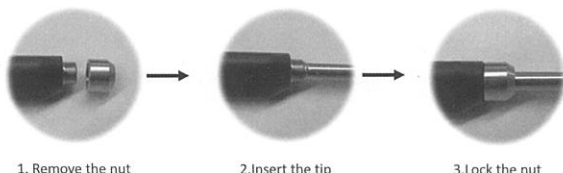
- ① Soldering iron tip
- ② Lock nut
- ③ Button A
- ④ Button B
- ⑤ OLED screen
- ⑥ Type-C power supply interface



Specifications

Max power	65W	Screen	0.87"OLED(128*32Pixel)
Temperature Range	80~420°C	Handle size	114mm*16mm*15mm
Power port	Type-C	Tip size	L 100mm,Ø5mm
Support protocol	PD/QC	Machine length (including soldering iron tip)	16.5mm
Operating voltage	DC 9~20V	Overall weight	26g

Installation



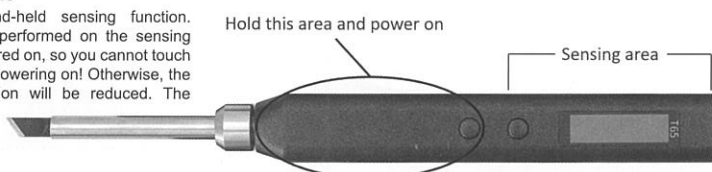
Power adapter selection

Use PD/QC power adapter: T65 can be set to obtain any operating voltage of 9V/12V/15V/20V (default setting is 20V). The higher the voltage, the higher the heating power. If the device restarts after heating, it means that the output power of your adapter's current voltage is not enough to work normally. Solution: Press the A and B keys at the same time to enter the working voltage item in the menu, and set a lower working voltage.

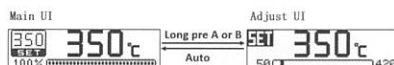
Use other power adapters: T65 working voltage is the input voltage. If it restarts after heating, you need to replace the power adapter with higher power.

Power-on instructions

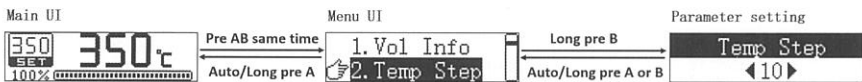
T65 supports hand-held sensing function. Sensitivity calibration is performed on the sensing area every time it is powered on, so you cannot touch the sensing area before powering on! Otherwise, the sensitivity of the induction will be reduced. The correct operation is shown in the figure below:



Operation



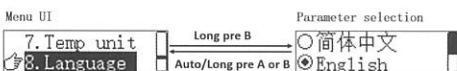
Temperature adjustment: Long press A or B to enter the temperature adjustment UI. After entering, release the button first, and then click or long press to adjust the temperature. After adjustment, it will return automatically.



Menu operation: Press A and B at the same time to enter the menu. Click A and B to slide the menu up and down, long press A to exit, long press B to enter the next menu (parameter setting or parameter selection), and it will exit automatically after timeout.



Parameter setting: Click A and B to increase or decrease the parameter value, Long press B or A or timeout will both return, but long press B and timeout will save the parameters, long press A will not save the parameters! Increase to the maximum value, the right arrow disappears, decrease to the minimum value, the left arrow disappears.



Parameter selection: Click A and B to slide up and down options, Long press B or A or timeout will both return, but long press B and timeout will save the parameters, long press A will not save the parameters!

Firmware upgrade

Please scan the QR code on the first page to download the electronic manual for detail.

Maintenance

- After use, please add proper tin to the head of the soldering iron tip to prevent oxidation.
- Use a wet sponge, do not have bright water, the best semi-dry state, otherwise the soldering iron tip is easy to oxidize.
- Do not use flux containing chlorine or excessive acid to avoid corrosion of the surface.

Services

1. After-sales Service:

T65 host has a one-year free warranty service in the case of non-artificial damage. Please contact the dealer for warranty service. Soldering tips are consumables, if there is no quality problem, once used they will not be returned.

2. Website

Download : www.aliientek.com/download
 Company : www.aliientek.com
 Aliexpress : www.aliexpress.com/store/1102909571

3. Contact US

E-mail : fae-smt@aliientek.com