

8582D Intelligent Two-in-One Hot Air Desoldering Station



English Translated User Manual

Forward

The following manual has been mostly auto translated from the Chinese language manual supplied with the 8582D Two-in-One Hot Air Desoldering Station sold under several brands such as KATUEF, SL, MYPOVOS, ANESTY, BANAPOY, HORUSDY, YCD and others. No attempt has been made to check the accuracy of the translation or the information provided in this manual. Please use the information contained in this document at your own risk. If your de-soldering station was shipped with an English language manual please refer to it over this document.

The translator assumes no responsibility or liability for any errors or omissions in the content of this document. The information contained in this document is provided on an "as is" basis with no guarantees of completeness, accuracy, usefulness or timeliness...

This manual was translated from the Chinese manual supplied with the soldering station available from this link below

<https://au.banggood.com/custlink/DKGYLsI32g>

A review of this iron can be found at <https://www.inspectmygadgets.com/8582d-2-in1-soldering-station-review/>

Precautions

Warning: Abuse use may cause death or serious injury to the user.

Note that use may cause injury to the user or cause substantial damage to the objects involved. For your safety, please strictly abide by the precautions.

Note

When the power is turned on, the tip and wind resistance temperature is between 100 and 480 degrees Celsius. In view of the fact that abuse may cause burns or fire hazards, please strictly observe the following items:

Do not touch the metal parts near the welding nozzle and the air nozzle.

Do not use the desoldering station near flammable objects.

Notify other people in the factory that the welding tip and fan tip are extremely hot and may cause dangerous accidents.

Turn off the power when you are resting or after finishing work.

When replacing the welding nozzle and wind resistance of a component or device, turn off the power and wait for it to cool to temperature.

In order to avoid damage to the desoldering station and to keep the working environment safe, the following items should be observed:

Do not use the desoldering station for work other than welding.

After the hot air handle is used, it should be placed on the bracket to cool down and sleep before turning off the power.

Do not use the soldering handle to knock on the workbench to remove solder residues, and keep the air inlet and outlet of the hot air handle unblocked, and do not block it. This may severely damage the handle.

Do not modify the desoldering station without authorization.

When replacing parts, you should use the original parts of our factory.

Do not get the desoldering station wet or use the desoldering station when your hands are wet.

Smoke will be emitted during welding or hot air, so the workshop should have good ventilation facilities.

When using the welding station, do not make any rash actions that may injure your body or damage objects.

Warning Turn off the power before performing maintenance, otherwise electric shock may occur.

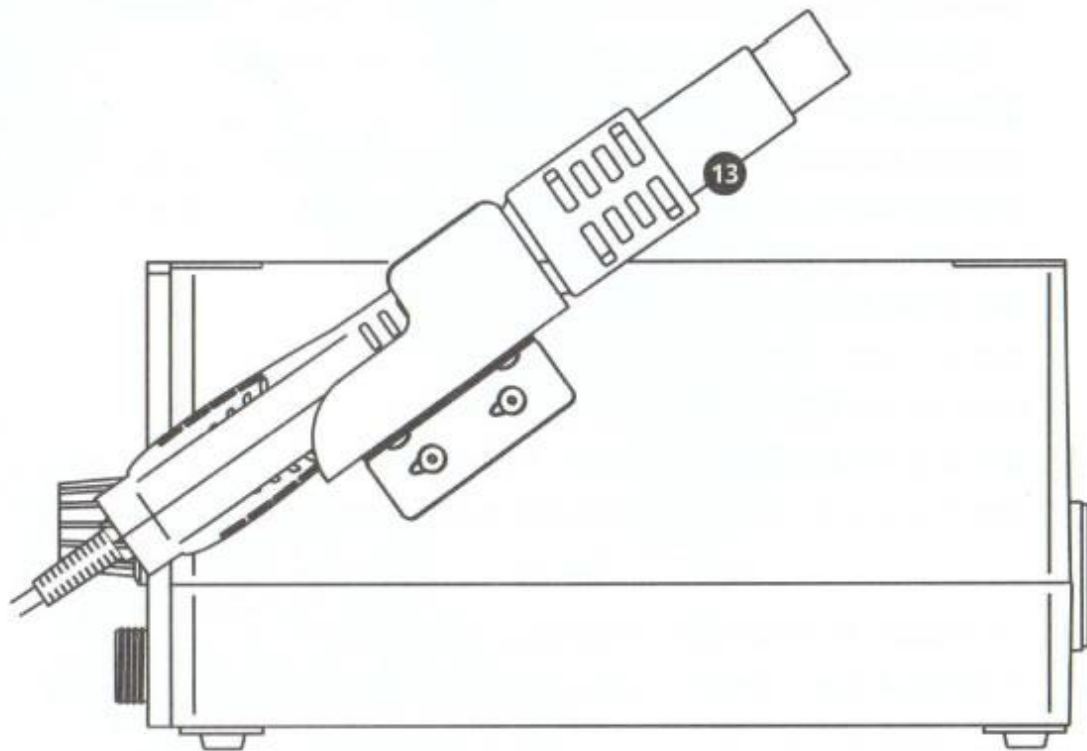
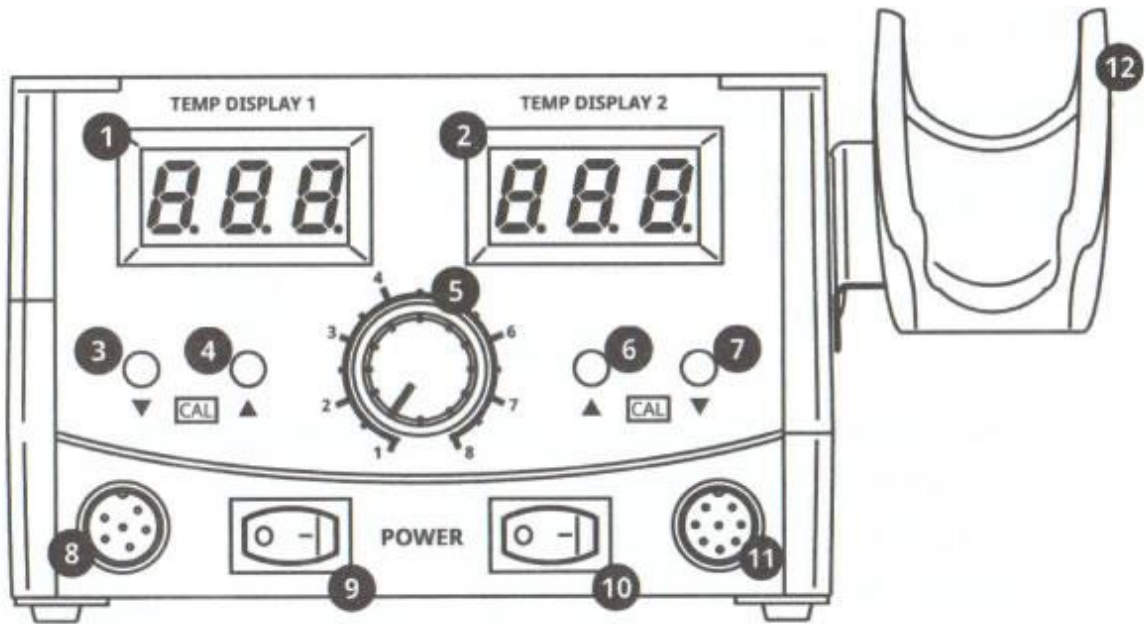
If the wire is damaged, please ask the manufacturer or a special maintenance service agent or a qualified person in the world to repair it, so as not to injure your body or damage the soldering station.

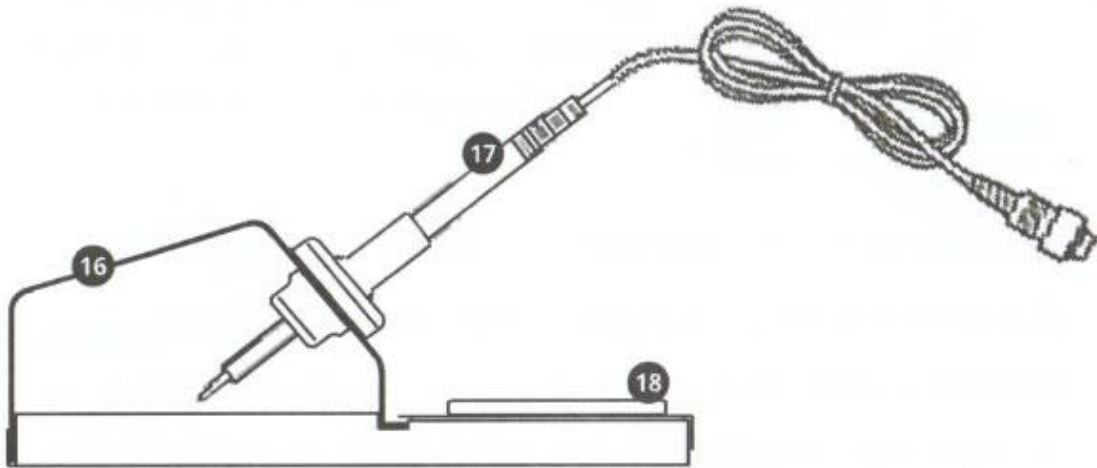
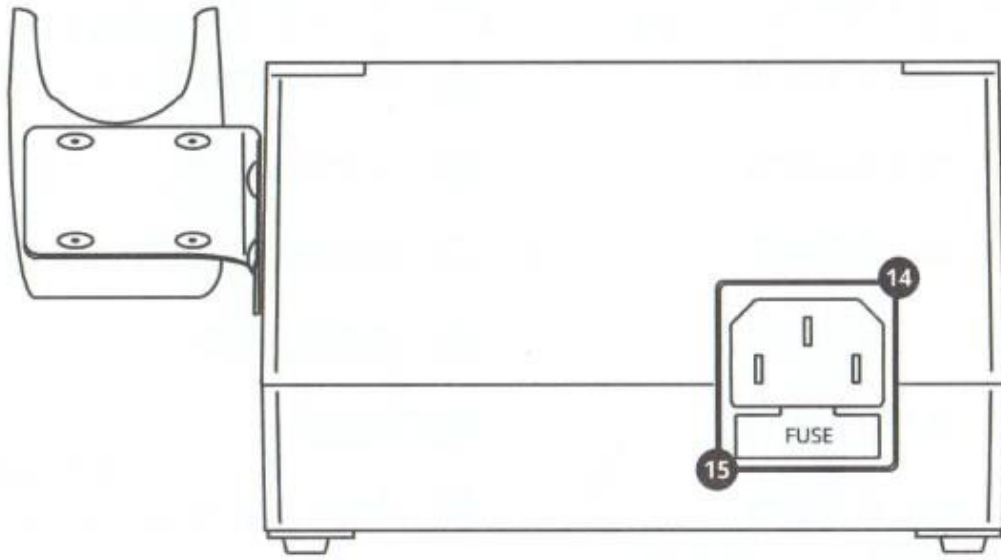
When using the welding station, do not make any rash actions that may injure your body or damage objects.

Turn off the power before performing maintenance, otherwise electric shock may occur.

If the wire is damaged, please ask the manufacturer or a special maintenance service agent or a qualified person in the world to repair it, so as not to injure your body or damage the soldering station.

Schematic Diagram





- 1 Welding station temperature display
- 2 Hot air temperature display
- 3 Welding station cooling button
- 4 Welding station heating button
- 5 Air volume adjustment knob
- 6 Hot air heating button
- 7 Hot air cooling button
- 8 Welding station handle interface
- 9 Welding station work switch
- 10 Hot air working switch
- 11 Air gun handle interface
- 12 Air gun handle bracket
- 13 Air gun handle
- 14 power input socket
- 15 fuse
- 16 Welding station handle bracket
- 17 Welding station handle
- 18 Welding nozzle cleaning sponge

Performance Characteristics

Using dazzling blue 0.56 inch LED display, and the temperature is increased or decreased by ± 1 °C; the temperature range is 100 to 480 °C, the temperature error becomes linear, all within ± 2 °C; the sensor closes the loop, and the single-chip microcomputer precisely controls the temperature.

The high-power hot air gun, heats up quickly, the wind is soft, and the air volume is large. It is suitable for leaded and lead-free industries. The most scientific and trendy two-in-one combination design, using ABS environmental protection shell, the body is small and durable. The anti-static design of the whole machine can effectively prevent the damage of SMD components. And it has the function of self-detection of failures and reminding instructions of failures.

Operation Guide

Turn on the power switch of the soldering station, the previous set temperature will be displayed, and the actual temperature will be displayed after 1.5 seconds. The blue light on the bottom right corner of the display is always heating, and it is no longer stopping heating, and flashing is constant temperature.

Temperature setting

1. Input of temperature value:

Use ▲ to increase temperature or ▼ to set the value (200 ~ 480) by pressing and holding down the temperature key

2. End input: flashes three times, and automatically saves the column as set from 200 degrees Set to 350 degrees and display 200-press and hold the ▲ button-until it displays 350, flash 3 times and automatically save, display the current temperature

Sleep Function

The soldering station handle is placed on the soldering iron stand for 10 minutes and enters sleep mode. It will automatically cool down. When it reaches 200 degrees and enters sleep state, the soldering station temperature display window will display "SLP" and "200" alternately flashing.

Sleep wake up: The below 3 kinds can wake up the sleep mode.

1. Pick up the soldering station handle and directly heat up to the set temperature.
2. Press any temperature adjustment button.
- 3 . Switching power switch.

Soldering Iron

If the heating core is damaged or the handle is damaged, the screen will display the error mark S-E, and the machine stops working.

Note: The soldering iron handle is not fully inserted or the set temperature exceeds the sensor error. Turn off the power and plug in the handle or check the temperature of the handle.

Hot Air Platform

1. Place the desoldering station and connect the handle, and put the hot air handle on the bracket.
2. Install the required air nozzles (try to use large diameter)
3. Turn on the hot air work switch, TEMPDISPLAY2 is displayed, and the air gun is in the standby state at this time.
4. Press ▲ or ▼ to set the desired operating temperature. Press and hold to spray once, and the temperature will be 1 °C, if you press and hold for a period of time, the temperature parameters can be adjusted quickly.
5. Pick up the hot air drying handle, the hot air table will work normally, adjust the air volume so that the air volume is suitable, after the temperature is constant, it can work normally, after the constant temperature, the blue dot on the lower right corner of the LED display will flicker.
6. After the work is completed, the hot air handle must be placed on the bracket. At this time, the hot air table automatically cuts off the heating power and enters the mode of sending cold air to cool the heating element. When the temperature is lower than 100 °C, the hot air table enters the sleep mode, when it is needed. The hot air handle of the car can be used, and if it is not used for a long time after sleep, the hot air switch can be turned on and off.

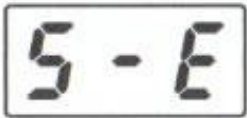
Note that when the job can be completed, try to use a low temperature and maximum air volume, which will help the life of the heater of the wind platform and the safety of the IC chip to be removed.

Note: Symbol description

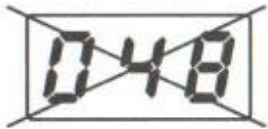
A. Display “- - -” means that the air outlet temperature is lower than 100 °C, and the hot air station enters sleep mode.



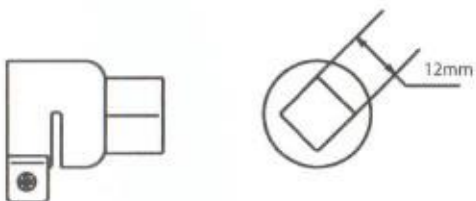
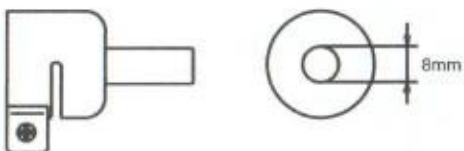
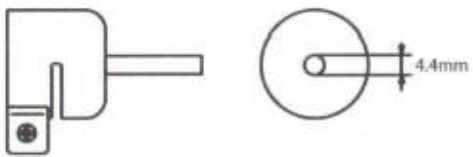
B. displays " S - E " means there is a problem with the air gun sensor or its components, replace the heater or handle.



C. When the temperature is less than 50 °C, and the temperature is no longer rising, it means that the heating element of the handle of the hot air table may be damaged and the heating element or the handle needs to be replaced.



Standard Air Nozzle



Specifications

	Soldering Station	Hot Air Station
Input Voltage:	AC220-240V / 50HZ	
Output Power:	70W	750W
Temperature Range:	200-480 °C	100-480 °C
Temperature Error:	± 1 °C	± 2C
Output Voltage:	AC24V	AC220 - 240V
Welding Tip to Ground Resistance:	<2 ohm	
Welding Tip to Ground Voltage:	<2mV	
Air Flow:	–	120L/min
Body Size:	17.5 * 14.5 * 9.5cm	
Body Weight:	2.6KG	
Working Environment:	0 – 40°C	
Ambient Humidity:	35 – 45 %	