

## Soldering station switch



- ① TG
- ② TR
- ③ SLP
- ④ Shut
- ⑤ TB
- ⑥ ID

The soldering station plugs of other brands can be checked with the above. The soldering station with 6-pin plug can be used, and the 5-pin is dedicated to TC20.

Disconnect the two signals 3.SLP 4.Shut due to inconsistent wiring or misunderstanding.

Other brands need to connect the switched "station sleep" signal to the soldering station sleep seat through a wire. Do not place the handle behind the switch on the soldering station sleep seat.

### Switching principle:

The soldering station switch uses the signal trigger of the handle leaving the soldering iron rack. Only two of the three channels can be used. When all the inserted handles are placed on the soldering iron rack, one handle leaves the soldering iron rack, indicating that the tool needs to work. The system will connect the signal between the soldering station and the tool. The channel connection will not be disconnected when it is put down again. If another handle is picked up under this condition, the previous connection will be disconnected and connected to the current channel after a delay of 0.5 seconds.

Each time the tool is switched, the soldering station will re-identify the tool, and the identification process takes a certain amount of time.

### How to use:

1. The switcher wiring needs to be as shown in the figure above, and the power adapter is plugged in. After the connection is completed, all handles must be placed on the soldering iron rack, and they must be placed in pairs. After power-on, they are in a state of not being connected, and the soldering station will display error messages such as no tool.

2. Pick up the required handle, the switcher will connect the current channel, and the soldering station will identify the tool. Identification takes time, and then the soldering station heats up and works. Put down the handle and the soldering station to sleep.

3. When changing tools, you first need to put down the tool you originally picked-up, and then pick up another tool. At this time, the switcher will switch channels and the soldering station will re-identify. Note: If the original tool is not placed on the sleep seat or is not placed properly, the switch cannot be switched.

