# **Instruction Manual**

# LCD controller

# **Description:**

### **1.Basic instructions:**

- a) Power specification: AC230V/50HZ
- b) Operating temperature range: $0 \sim 55^{\circ}$ C
- c) Set temperature range:30~70°C
- d) Time mode:24-hour
- e) Week mode:Digital display 1~7
- f) System mode:Free,Schedule,Constant temperature,Timing

# 2.LCD display :



# **3.Icon display instructions:**

**3.1 Free mode:**Temperature can be set separately, shown as  $1^{1}$ , the adjustable range is  $30^{\circ}C \sim 70^{\circ}C$ .

**3.2 Constant temperature mode:** Temperature is unadjustable, shown as  $\stackrel{()}{\Longrightarrow}$ , the temperature is fixed as 50°C.

**3.3 Timing mode:** The temperature is fixed as 65°C, shown as , drying time can be

adjustable, the adjustable range is from 30 minutes to 8 hours.

**3.4 Schedule mode:**Timing function, shown as

3.5 Time and temperature display: Display setting temperature and time, shown 38:88

**3.6 Heating function:**The heater is working, shown as

**3.7 Child lock:**Unable to operate any keys(except open and close), shown as  $\bigcirc$ .

**3.8 Timeline:**Timing time can be adjusted, adjusting range is 0~23H, shown as 

**3.9 Keys description:** 



function(lower left) minus(lower right)

## **4.Mode operation instructions:**

**4.1 Boot up:** Short press to enter from shutdown state to boot state(in the shutdown state, short press any other button products will not react).Shutdown display time, shown as



**4.3 Timing mode** The heating temperature is fixed in 65°C, the heating time can be



adjusted from 30 minutes to 8 hours.shown as

Short press  $\bigcirc$  or  $\bigcirc$  to set timing mode time, short press  $\bigcirc$  to increase time, short press  $\bigcirc$  to decrease time, 30 minutes by one step. Long press  $\bigcirc$  or  $\bigcirc$  3s will have acceleration function.

In the timing mode, if you press , controller will be switched to constant temperature mode.

4.4 Constant temperature mode : The heating temperature is fixed in 50°C, shown



,temperature cannot be changed in this mode.

In the constant temperature mode, if you press i , controller will be switched to schedule mode.

**4.5 Schedule mode** Schedule mode allows for time, week, and weekly program Setting, in the first use of equipment (or in a power off status), you should set time, week at



first .shown as

4.5.1 Time setting: Long press <sup>26</sup> 3s to enter time setting, firstly set as an hour, shown



operation within 30s will exit time setting and enters minute setting).

After hour setting is completed, short press

0.5s), shown as Short press or to adjust minute, adjusting range is 0~59 min, 1min by one step, long

,the minute time "00" flashes(flash by

Short press  $\bigcirc$  or  $\bigcirc$  to adjust minute, adjusting range is 0~59 min, 1min by one step, for press  $\bigcirc$  or  $\bigcirc$  3s will have acceleration function.

After setting the time, short press  $\mathcal{V}$  to enter week set (No operation within 30s will exit time setting and enters week set).

4.5.2 Week setting: To enter week set, the last number flashes (flash by 0.5s), shown



Short press or or to set the week,adjusting range is 1~7 day,1 day by one step,long press or 3 s will have acceleration function;1=Monday,2=Tuesday,3=Wednesday, 4=Thursday, 5=Friday 6=Saturday, 7=Sunday. After setting up the week, short press to enter weekly program Setting (No operation within 30s will exit week setting and enters weekly program setting)



4.5.3 Weekly setting: To enter weekly program, shown as

Short press can view the Setting for the rest of the week,timeline  $shows(\blacksquare)$ Indicates that the current period is heating ,timeline shows  $\blacksquare$  (blank) indicates that the current period is not heating. The following photo defaults the setting from Monday to Sunday.

Monday to Sunday: Heating status from 5:00- 23:59 (Other times are not in the heating state)



After setting Monday , short press to enter Tuesday, until Sunday.

After setting day program, short press to enter running state (No operation within 30s will exit day program and enters running state )

**4.5.4 Weekly program modification:** Long press <sup>36</sup> 3s to enter weekly program modification, short press or or to set the weekly program, short press indicates that the current period is heating, I flash 3s, dark 1s; short press Indicates that the current period is not heating, dark 3s, flash 1s, increase 1H by one step, flashes in the setting time, loop setting when rising to 23H.

For example:adjust Monday weekly program in the heating status from 07:00 to 23:00(not heating at other times). You should long press 3s when controller is in the Monday weekly program(P1) ,then press from 07:00 to 23:00, press for other times, shown

After adjusting, short press <sup>8</sup> to exit setting and continue day program (No operation within 30s will automatically exit weekly program modification)

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as

**4.5.5 Running state:** Running state will show the setting time, timming mode shows controller is in the weekly program .When the current time is in working state, will be on for 3 seconds and off for 1 second; When not working, will be off for 3 seconds and on for 1 second. If the product is in working state, the heating icon lights up.



For example: the current time is 05:08, shown as green arrow \_\_\_\_\_, on for 3 seconds and off for 1 second.



close), under child lock, press  $\bigcirc$  and  $\bigcirc$  3s at the same time can open the lock.

### **5.WIFI control:**

#### 5.1 Preparation:

Make sure your smartphone is connected to network.

Make sure that the distance between your product and the network device is no more than 25 meters. If there is a wall barrier, no more than 2 layers through the wall.

Make sure the product power plug is connected to the power outlet.

Make sure the temperature control of product is turned off (factory default).

#### 5.2 Download "Smart life" APP:

You can use the scanning software, such as we chat to scan the following code then you will directly jump to the download page, or search" Smart life"in the Google to download APP.





#### 5.4 Add device steps:

**5.4.1** Click on the main interface"+", select "Add device", the smartphone will automatically display near-closed the network at this time.

**5.4.2** Enter your network Password in the WIFI and then click NEXT, the system hint the setcode successfully.

0		U	Ð	<		Device	Ξ				×
				Searching for nearby devices. Make sure your device has entered pairing mode.						nter Wi-Fi Information	
					ng devices		Add				
							1		1	TP-LINK_D222	⇒
	No devices				Add M	anually			E	test123456	٢
	Add Device			Electrical		Socket	1				
	1			 Lighting		1	11				
				Sensors	Plug (BLE+Wi-Fi)	Socket (Wi-Fi)	Socket (Zigbee)				
				Large Home Ap	11	1	11				
				Small Home Appliances	Socket (BLE)	Socket (NB-IoT)	Socket (other)				
				Kitchen Appliances		Power Strip					
				Exercise & Health	• •	0 1111	0				
				Camera & Lock	Power Strip (BLE+Wi-Fi)	Power Strip (Wi-Fi)	Power Strip (Zigbee)				
Home	Scene Smart		o Me	Gateway Control					L	Next	
				Outdoor	Power Strip						

5.4.3 Being added→Added successfully→Return the menu



5.4.4 Connect successfully



#### 5.5 Four modes preview:

#### 5.5.1 Constant temperature mode: The heating temperature is fixed in 50°C, temperature

cannot be changed in this mode.

**5.5.2 Free mode:**Temperature can be adjusted from 30°C to 70°C.

5.5.3 Timing mode: Heating time can be adjusted from 0.5hr to 8hrs.

5.5.4 Schedule mode: You can freely set the heating time from 01: 00-24:00, Monday to

	Monda	·										
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	13 1	4 1	5 16	17	18	19	20	21	22	23	24	
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nday, shown as	Friday											,blue is selected, gray is unselected.

# **Exception code description:**

Screen display	Possible failure	Solution			
Er	Temperature sensor open circuit or	Temperature sensor failure, change			
	short circuit	the heating elements or controller			