

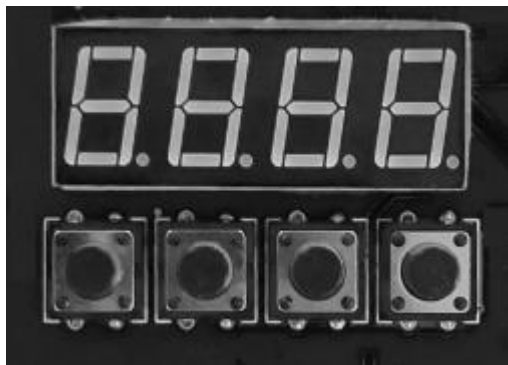
Cold spark machine user manual



Function Description of Fireworks Machine

thoroughfare	control function	numerical value	Digital tube display
1	close	000~009	A001 DMX Address code
	Sprayheight 1	010~019	
	Spray height 2	020~029	
	Spray height 3	030~039	
	Spray height 4	040~049	
	Spray height 5	050~059	
	Spray height 6	060~069	
	Spray height 7	070~079	
	Spray height 8	080~089	
	Spray height 9	090~099	
	Spray height 10	100~255	
2	Heating on	000~126	A001 DMX Address code
	Heating off	127~255	Display the current temperature value
	emergency stop	127~255	STOP

二、Panel Description



1、Key Description

Key sequence from left to right: Menu ->Up ->Down ->Confirm

1) **Menu:** Switch the menu interface to the next menu.

2) **Up:** Can be used for menu switching, previous menu; After pressing the confirm button, proceed to add the address code up. In the address code interface of the DMA, proceed

to add the address code up; In the working temperature setting interface, increase the working temperature upwards.

3) **Next:** When the confirm button is pressed, the address code will be subtracted downwards. In the DMA address code interface, the address code will be subtracted downwards; In the working temperature setting interface, the working temperature decreases downwards.

4) **Confirm:** The interface enters the setting state, and the current interface can add or subtract values. (Only valid under address code and operating temperature)

2、Indicator light description

1) **Yellow:** Flashing indicates that the operating temperature has not yet been reached; Illuminated indicates that the temperature heating is complete and has reached the working temperature.

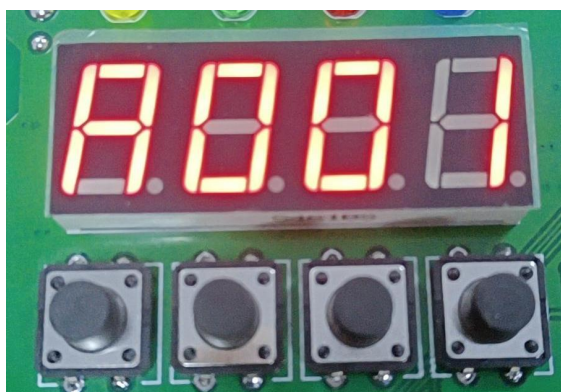
2) **green light:** When on, it means there is a DMA signal, and when off, it means the signal is disconnected

3) **red light:** Lights up when there are errors, such as temperature control detection issues or heating issues.

4) **blue light:** Always on during heating.

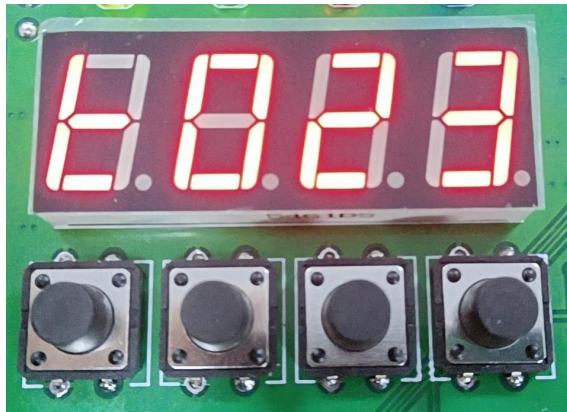
3、Interface Description (Press the menu key or up key to switch the interface)

1) Address code interface:



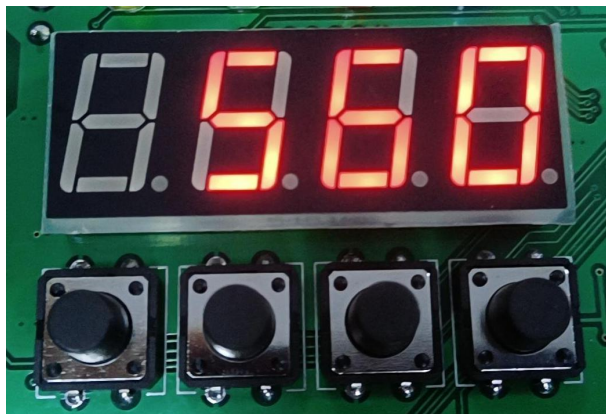
Operating Instructions: Press the confirm button once to enter editing, where you can select address codes 001-512, and then press the confirm button again to exit address code editing.

2) Temperature interface:



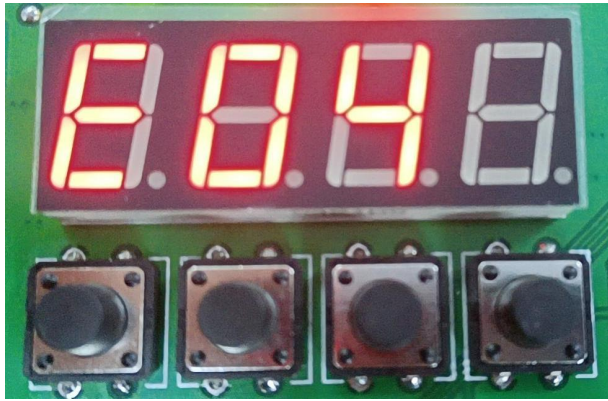
Operation instructions: The current interface cannot be operated, only for real-time display of the current temperature status.

3) Working temperature setting interface:



Operating instructions: Set the working temperature, and spray can only be carried out when the temperature is heated to the current temperature; Press the confirm button once to enter the editing mode. You can select a temperature range of 430-460 degrees, and then press the confirm button again to exit the editing mode.

4) Error reporting interface:



Operation instructions: The current interface is not operable and only appears in an error state.

E01: Error reported when the temperature is below 10 degrees Celsius after 2 minutes of heating;

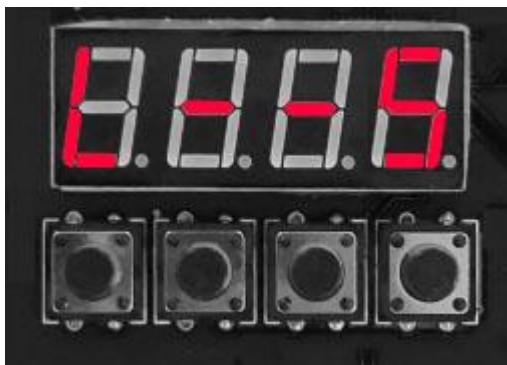
E02: Error reported when the temperature did not reach the working temperature after heating for half an hour without spraying;

E03: Excessive temperature error;

E04: Detect abnormal temperature control and report an error;

5) Wireless interface:

1. Slave interface

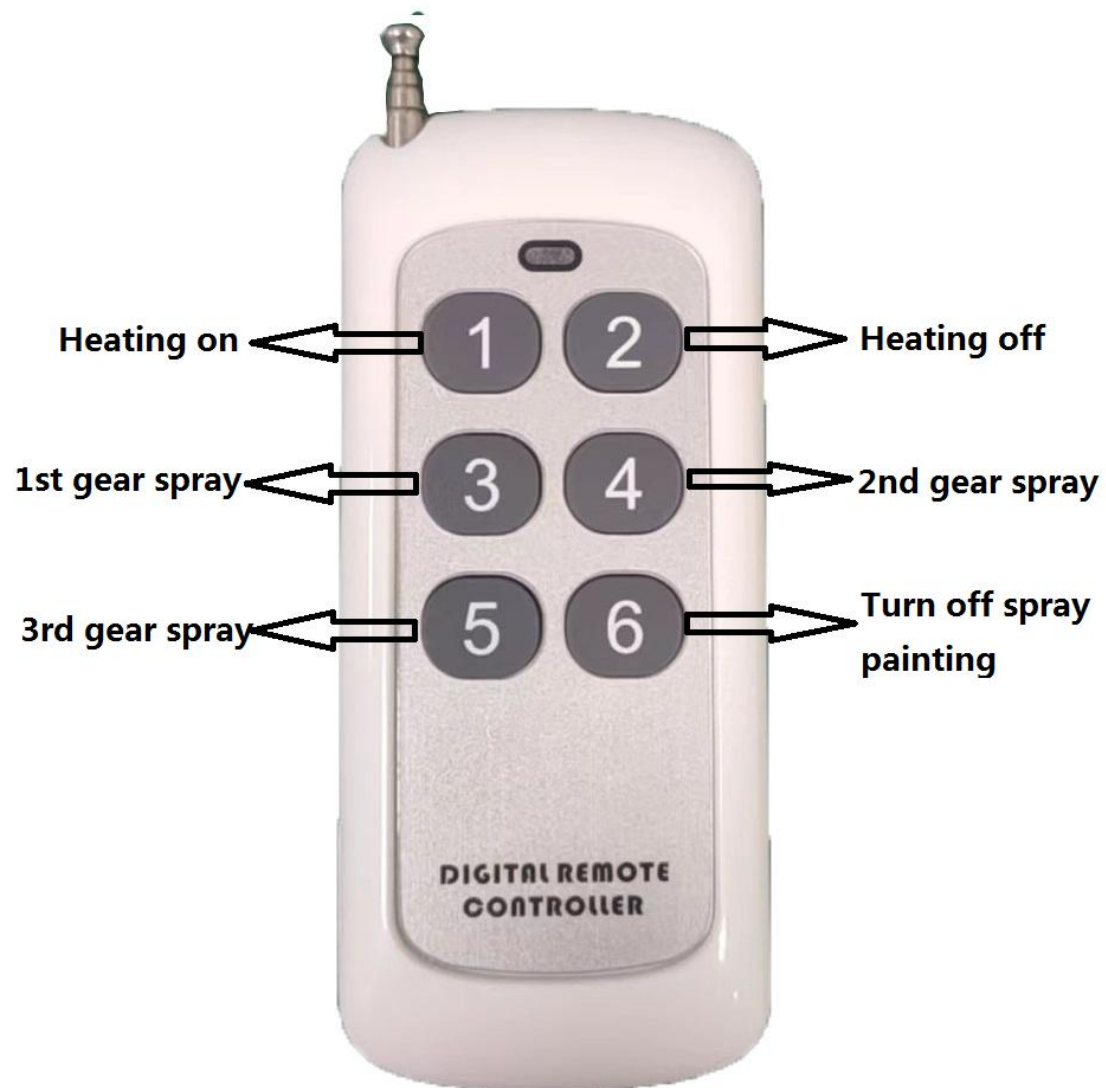


2. host interface



Operating instructions: Press the confirm button once to enter the switch between master and slave.

二、Remote control instructions



- 1) **Key 1:** Press once to heat, observe that the blue indicator light is on and adjust to the temperature display interface to indicate that heating is in progress
 - 2) **Key 2:** Turn off heating
 - 3) **Button 3:** After reaching the heating temperature, select spray height 1;
 - 4) **Button 4:** After reaching the heating temperature, select spray height 2;
 - 5) **Button 5:** After reaching the heating temperature, select spray height 3;
 - 6) **Key 6:** Turn off spray painting
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