



User Manual

Please read the instructions carefully before use.

- 1.Safety Instruction
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- 4.Trouble Shooting
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This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

STATEMENT

Welcome to our electronic fireworks machine. Our company declares that this product requires consumables from our company. If the user violates the company's requirements, to elsewhere to buy supplies, to our electronic fireworks machine damage, card machine and other problems. The company is irresponsible.

1. SAFETY INSTRUCTION

In the process of electric machine, there is a danger of electric shock and high temperature scald. Please do not try to turn on the machine or remove and debug any parts in the machine.

Keep the electronic fireworks machine dry, please do not use it on rainy or snowy days.

The top consumables cover of the equipment must be covered to prevent accidental bounce. Consumables shall be kept in a dry and sealed environment to prevent moisture.

Before and after the performance, observe whether there is nodulation in the spray mouth. If there is, it needs to be cleaned up, nodulation will affect the fireworks effect, and even damage the spark machine.

A single electronic fireworks power cord (spray power cord) is only allowed to connect 5. Too many series can cause damage or fire.

The maximum running time is 30 minutes. Reusable, but should not overheat the machine. Do not move and move the machine in use.

Make sure the machine is turned off when placing the consumables. Please cover the lid, so as to avoid garbage into the feed inlet, causing blockage of the machine.

Prevent anything from entering the nozzle and remove obstacles before operation.

WARNING:

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture. Do not open the unit within five minutes after switching off. The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

⚠ CAUTION:

There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

⚙ INSTALLATION:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the units weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture. The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

USE INSTRUCTIONS

1. Insert the power cord and turn on the power switch.



2. Wait for the display to appear. Press the menu key to enter the fourth page of the code.



3. The remote control long press A key for 3 seconds, show the pairing code below, L- -H is successfully paired.(Repeatedly pair with multiple machines.)



4. Pour the supplies into the feed inlet.(Please do not add too full)

5. Press the remote control A key to start the preheating temperature, showing the figure below.When the display temperature reaches 550 degrees, the yellow indicator light is always on to start operation.The remote control presses the BCD three keys corresponding to different heights.



6. Remote control and DMX console operation, support remote connection to multiple fireworks machine operation, just set up a host, press the next button on the display.Display the LN-H to set it as a host.(In the remote control of multiple machines is, cancel the host can be.)



Display interface description (press menu key or top key)

1. DMX address code



- Press confirm to enter edit, you can choose address code 001-512, then press confirm to exit address code to edit



2. Temperature display

The current interface is not operate, only do real-time display of the current temperature state.



3. Operating temperature setting interface:



Set the operating temperature, when the temperature is heated to the current temperature; press the confirmation key to enter the edit, can choose the temperature range of 480-550 degrees, and then press the confirmation key to exit the editing state. (The 500 degrees is the best temperature, to ensure the service life. Try not to adjust the working temperature.)

DISPLAY OPERATION INSTRUCTION

Description of the indicator light:

- Yellow light: Steady on means that the temperature heating is completed and the working temperature has been reached.
- Green light: Always on means there is DMX signal, off means no signal.
- Red light: Lights up when there is an error, such as a problem with the temperature control detection, or a problem with the heating.
- Blue light: Always on when heating

Parameter description:

spray direction	spray on
Operating temperature	-10-40°C
heating temperature	500-600°C
working height	Indoor 1-3 meters outdoor 2-5 meters
Power supply	220V/6A
size	21*22*25cm
net weight	5kg
maximum connection	connection 5

Remote control instructions:



Remote control operation process: turn on the machine power switch to match the remote control press the A button to heat (wait for the yellow indicator Light to often illuminate) Press the BCD button to use.

3. DMX CHANNEL PROFILE

channel	control function	numeric value	Digital tube display
1	Warm-up closed	000~010	DMX address code
	of no avail	011~239	
	Preheat open	240~255	Displays the current temperature value
2	close	000~015	OFF
	The spray height is 1	015~094	F1 (valid at a working temperature)
	Spray flower height 2	095~174	F2 (valid at a working temperature)
	Spray flower height 3	175~255	F3 (valid at a working temperature)

Maintenance instructions:

During each use, please clean up and spray out the remaining consumables in the electronic fireworks machine for the next use.(Note: Do not leave the remaining consumables in the machine, otherwise it may cause machine damage.)

Remove the dust net and clean the dust.

Stay away from children.

4. TROUBLE SHOOTING



Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

a. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

b. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

5. FIXTURE CLEANING

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- **Clean with soft cloth using normal glass cleaning fluid.**
- **Always dry the parts carefully.**
- **Clean the external optics at least every 20 days.**

Clean the internal optics at least every 30/60 days.

