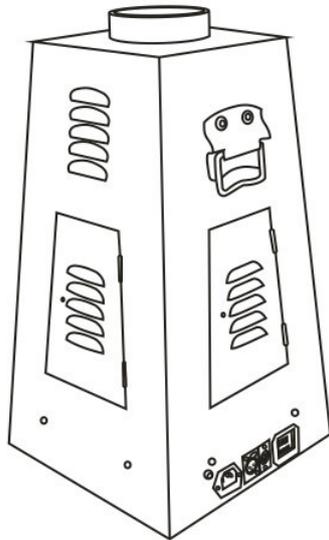


# FLAMY350XMULTICOL

## Multicolor Flame machine DMX



### USER MANUAL





## I. NOTICES.....■

1. Please read carefully this manual before using.
2. Only special 250V/10A (110V available) three wire power supply to be used, it should be grounded and don't keep earth line and live line together.
3. Must unplug the power cable when you do not use the machine, clean, install or remove accessories.
4. Do not use this machine in the rainy or humid environment.
5. It is forbidden to put the machine, power plug or cable in the water or other liquid.
6. The longest burning time must be less than 3 seconds, interval time is 5 seconds.
7. Make sure all parts are set at positions before using.
8. When using, please keep away from the flame projector, do not put the head, arms or the body near the flame projector.
9. If machine broken, please cut off the power right now, and do not disassemble the machine, contact with your supplier to repair the machine.
10. Do not use the damaged machine again, in order to avoid the danger.
11. The fuel must be special flame oil, flame oil filling without permission is strictly prohibited.
12. Make sure the flame oil is set at position, non-leakage phenomenon occurs, during the installation process, open flame is prohibited.
13. Flame oil stacked in explosive hazardous areas is prohibited, no place it directly at high temperature, high pressure or sun exposure.
14. The machine is a device with an open flame, be sure to pay attention to the use of the venue. When using it indoors, please note that if there is any flammable and explosive dangerous goods within 5 meters on the top or around of the machine.
15. Persons are prohibited from approaching within 5 meter around the machine when it working!  
**Machine must be got the signal first, and then power on.**
16. When the environment is too complex, and the dmx cable is long, please add the signal distributor!
17. If you do not use or finish the rehearsal, you must unload the oil bottles, oil bottles cannot be placed in the machine overnight!



18. After the machine uses color flame oil, the machine must be re-installed with normal flame oil, and then make the machine fire several times till there is no color fire out, in order to clean the residual color oil inside the machine to avoid corrosion of machine parts. (Spraying fire time more than 8 times).
19. The machine can only spray one color at one time, please remember to install the color flame oil in order.

## II. PRODUCTS FEATURES.....■

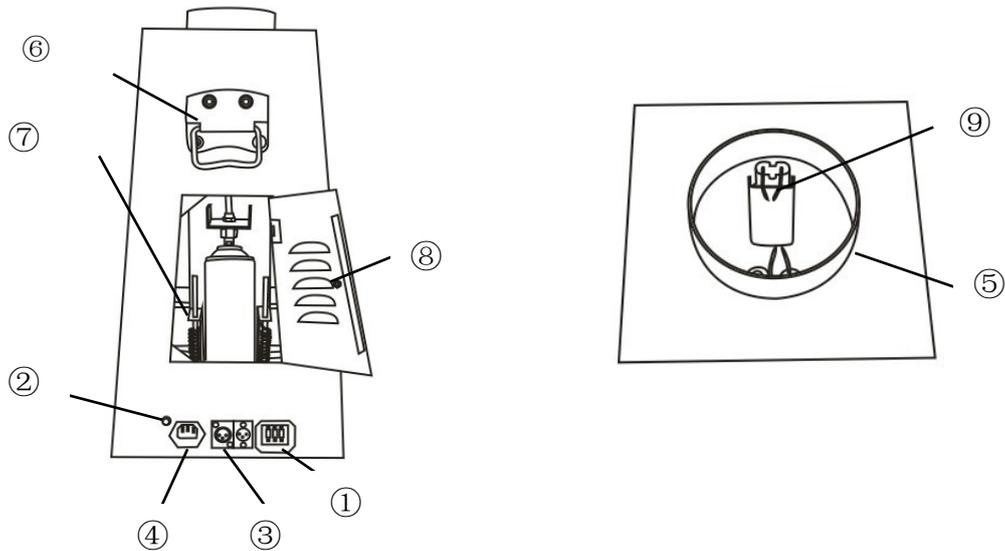
1. Advanced design.
2. Flame height: 1-3 meter.
3. DMX control mode, 4 channels: From power socket is 1<sup>st</sup>, clockwise order is 2<sup>rd</sup>, 3<sup>st</sup>, 4<sup>th</sup>.
4. You can freely control the machine's fire style with controller, notice the machine can't spray multi kinds of color at one time.
5. With power indicator and power switch.
6. Convenient handle design.
7. Flame oil: 480ml, can spray about 70 times.

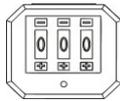
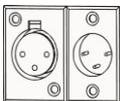
## III. TECHNICAL PARAMETERS.....■

Item Name Parameter	Color Flame Projector
Voltage	AC220V/ 110V, 50Hz/ 60Hz
Power	350 W
Size	50*28*28 cm
Weight	12.5 KG

Notice: The company reserves the right of product improvement and technical parameters of the renewal right, the product you bought may have improved, but not completely consistent with the specifications, sorry we will not inform specially, please check the product nameplate on the labels!

IV. PART NAME.....■



No.	Icon	Instruction
①		Dmx DIP: Adjust the machine address number.
②		Power Indicator: red light after the machine is turned on.
③		Dmx Cannon: DMX512 signal input and output.
④		Power input socket: Machine power input socket.
⑤		Flame outlet.
⑥		Handle.
⑦		Flame oil pallet.
⑧		Hatch.
⑨		Igniter.

## V. INSTALLATION INSTRUCTION.....■

### ● Installation Preparation

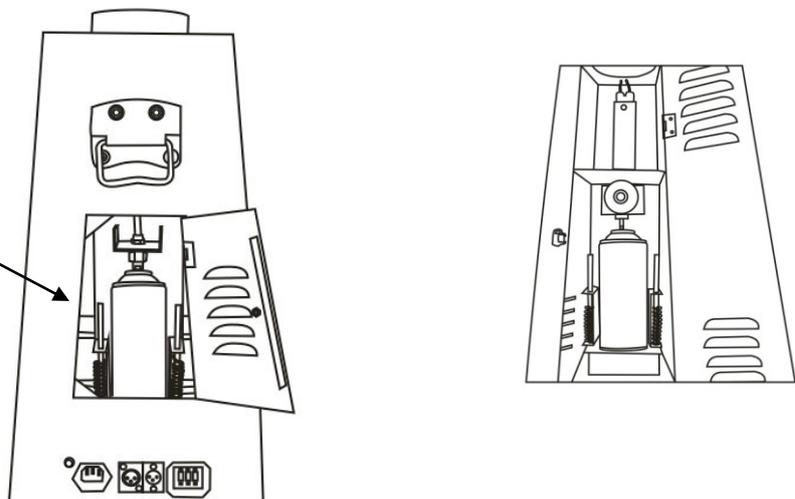
- Open the packing box, counting the accessories accompanied, read the manual carefully.
- The fuel must be special flame oil.
- Please check all parts of the machine are intact before first use.
- Check the power and socket whether suitable for the standard.
- Check whether any dangers around the machine.

### ● Installation

1. The machine needs to be placed to required position, make sure the machine will not be dumped because of the occurrence of an external force, and burning others when firing. To avoid ignite other objects when spraying flame.
2. Connect machine to the controller by DMX512 signal cable.
3. Plug the suitable power cable (Please do not turn on the power).

#### Setup Icon

The right shows it is the first dmx channel of the machine.





## VI. INSTRUCTION.....■

### ● Operation

1. This is DMX mode, please read the instructions carefully.
2. Firstly, you need adjust the dips (first is 001, second is 005...), open the controller, transport the DMX signal to machine. **Location**①: the green light is flashing (after turn on the power).
3. Provide the required power. The power indicator on the machine② is lighting.
4. Test the machine by controller. (CH 1 push to highest, is opening the valve and firing;) When testing the machine, you can open the **Hatch**⑧, to check the debug status, but you do not touch any parts.
5. When on testing, the machine is happening “Da”, that mean solenoid valve worked normally, at the same time, please check **Igniter**⑨ whether happened EDM. (Do not touch)
6. After testing, and confirm everything is correct, please turn off the power, and turn off the controller. When installing the flame oil, please set the oil can on the **Pallet**⑦, press firmly, then flame oil nozzle hole alignment machine oil joint, then release oil bottles, oil bottles pallet so that by the power of their own return spring. At the same time, please check whether there is a leak from oil bottle and oil joint. (When installing the oil bottle, please be careful not to let the flame oil splashed into the eyes, if splashed into the eyes, immediately rinse with water and seek medical advice)
7. After installing the oil bottles, open the controller’s power, transport DMX 512 signal, make the machine not work situation. After this, you can turn on machines’ power. (Do not turn on machines’ power before transport DMX signal, in order to avoid misuse occurs)

### ● Disassembly

1. After used, close the switch firstly, cut off the power.
2. Then closed the controller’s power, take off the signal cables.
3. Take apart the flame oil. If you used color flame oil, you need install the normal flame oil to spray 8-10 times.

## VII. MAINTAINS.....■

After finishing using the machine, you cannot pack it immediately. Must wait for the machine to be cooled down to a normal condition, then clean and pack the machine. Remember no let the flame oil left inside the machine.



## VIII. AFTER-SALE SERVICE.....■

The warranty time is one year since the date of purchase, you may get help and solve way through our technical support at any time, and we could offer free parts necessary to repair products.

One of the following conditions not covered under warranty:

1. Because the consumer use, maintenance, transportation, damage caused by improper storage;
2. Non designated personnel to repair the damage caused by the disassembly of products;
3. Because of damage caused by force majeure. Abnormal voltage, such as fire, earthquake, tsunami, debris flow;
4. More than the warranty period.

\* if found quality problems please contact sales center or after sale service, do not disassemble, due to quality problems caused by self-disassembly or accident, the company will not bear any responsibility.

\* The company reserves the right of final interpretation of the above commitments.

## IX. ACCESSORIES.....■

Item Name	Quantity	Item Name	Quantity
Color Flame Projector	1 pc	Signal Cable	4 meter
Power Cable	1 pc	Manual	1 pc



## X. TROUBLESHOOTING.....■

No.	Problem	Reason	Solve
1	Power Indicator is not lighting, machine with no power.	Power is not turned on.	Turn on the power.
2	Turn on the power, the machine does not work.	Signal is not turned on.	Check the signal cable.
		Wrong dips, or over 512.	Adjust right dips.
3	No flame.	Do not install the flame oil.	Install the flame oil.
		Flame oil has been used up.	Replacement of the new flame oil.
		No ignition.	Please call us.
4	No obvious flame.	Flame oil near end.	Replacement of the new flame oil.
		Flame oil's pressure is not enough.	Replacement of the new flame oil.
5	Cannot close machine.	Valve blockage.	Depot repair.
6	Solenoid valve can work, but there is no EDM.	Igniter is too close.	Cut off the power, adjust the igniter's distance with pliers.

## I. DETAILS

Tipo: Multicolor Flame machine DMX

Potenza: 350W

Area di copertura: 1-3m

Emissione: 350mc

Controllo: DMX

Canali DMX: 5CH

Capacità serbatoio: 0.35L

Adatto a: indoor&outdoor

Liquido utilizzabile: color flame oil bottle

Alimentazione: AC 220-240v 50/60Hz

Dimensione (mm): 35\*34\*60cm

Peso (Kg): 14.5kg