

CONTACT US

W: www.mokasfx.com

E: info@mokasfx.com

MOKA SFX®

AMAZING BOOSTER FOR STAGE

PRODUCT: SPARK JET

MODEL: MK-E26

USER MANUAL



VERSION 2.0

Dear customers:

Thanks for choose our cold spark machines, pls read the user manual careful before used to get better user experience.

1) Due to the manual content limited, pls understand missed some ofdetail and safety direction in using, and not undertake the responsible of the use result for missing.

2) We will continue to focus on products' research, development and technical improvement to create better experience effects, so we reserve the right to make changes to the products, not do inform, the manual just for your reference, the final based on the products you received.

1.BRIEF INTRODUCTION

Included in delivery:

1 x Cold spark machine;

1 x Power cord;

1 x Signal cable;

1 x Spray gun



Outlook function description

1	Display	4	Power switch	7	Safety ring
2	Power plug	5	DMX interface*5 cores	8	Spray hole
3	Fuse	6	DMX interface*3 cores	9	Nozzle connector

Product Parameters

Fountain Height	4-10 M	Fountain direction	Up
Interface	Double DMX and power port	Control mode	DMX
Power	740W	Heating method	Electromagnetic heating
Powder box capacity	160g	Housing material	Aluminum
Fuse	110V/10A, 220V/6A	Size/N.W	390*348*296mm/22kg

2. OPERATION PANEL

1) INDICATOR DESCRIPTION

READY: Green light - When the "READY" green light turns from flashing into light on, it indicates that the machine is ready to work.

DMX: Blue light-flashing shows that DMX signal is connected, no display means DMX signal is disconnected; steady light means there is signal in slave mode.

FAULT: Yellow light-the light is on with malfunction.

HEAT: Red light-heating indicator light, always on when heating; when reaching the heating temp will not be on(temp belongs to the interval constant temp, when the temp reaches the peak, the red light will not be on, when the temp reaches the interval low temp, the heating will start automatically, and the red light will be on)



MENU: Menu

DOWN: Adjust downward

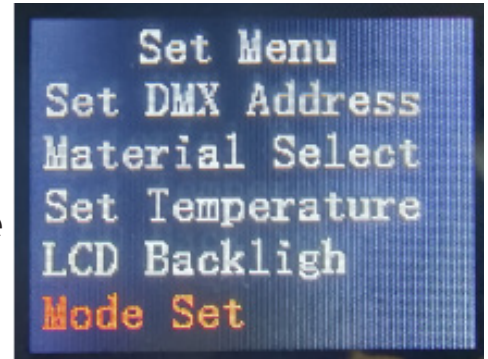
UP: Adjust upward

ENTER: Confirm

DISPLAY AREA SHOW: DMX address code

TEMP: Temperature

P1/P2: Gas tank pressure value



MENU ADJUSTMENT:

1.Set DMX Address: DMX address code adjustment

2.Material Select: Gas tank pressure selection

3.Set Temperature: Heating temperature range setting

4.LCD Backlight: Screen light-off adjustment (when adjusted to “Off”, the display is always on; when adjusted to “ON”, the display will automatically turn off if there is no operation 30 seconds)

5.Mode Set: Master-slave mode adjustment (for setting in 4-channel mode)

NOTE: Each selection needs to be confirmed by pressing the ENTER key before proceeding to the next step.

3.EQUIPMENT OPERATING INSTRUCTIONS

This device only supports DMX control and has 3-core and 5-core dual interfaces. Please make sure that there are enough consumables before use; close the lid of the material box after adding consumables (remember don't add the wrong hole)



**Consumable
holes**

Note: For consumables, please strictly use the special consumables configured by our factory

1)DMX OPERATION

DMX Channel (2 CH)				
1 st channel value	0-10	11-220	221-239	240-255
Function	Turn off heating + inflation	Emergency stop	Auto clearing of material	Heating + inflating
2 nd channel value	0-112	113-255		
Function	Stop spraying	Spray		

DMX Channel (4 CH)					
1 st channel value	0-10	11-220	221-239	240-255	
Function	Turn off heating + inflation	Emergency stop	Auto clearing of material	Heating + inflating	
2 nd channel value	0-112	113-255			
Function	Stop spraying	Spray			
3 st channel value	0-10	11-92	93-173	174-255	
Function	Manually set air pressure	Air pressure 25	Air pressure 35	Air pressure 45	
4 st channel value	0-55	56-105	106-155	156-205	206-255
Function	Spray together	Spray from left to right	Spray from right to left	From middle to both sides	From both sides to middle

NOTICE:

1) If the master-slave mode is not set, the default is 2-channel mode/4-channel can be used only when the master-slave mode is set.

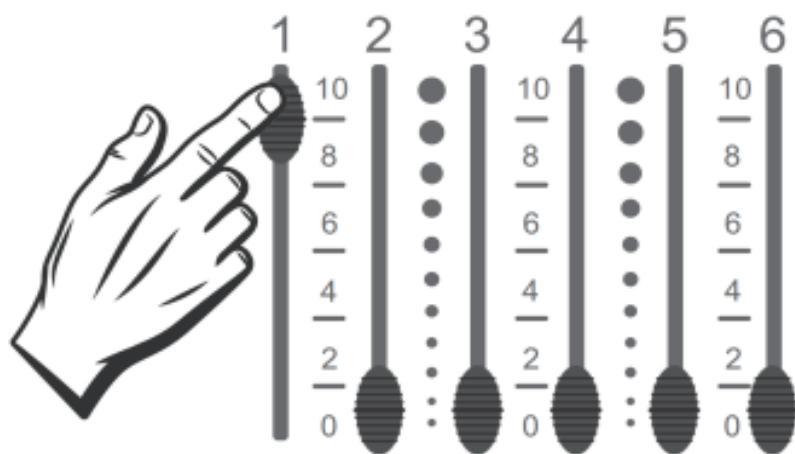
2) Channel 3 0-10 is the manually set air pressure, which is the corresponding air pressure value under the screen option Material Select.

3) Channel 3 and channel 4 are the setting and adjustment of the horse racing effect. All settings need to be set before spraying. To achieve spraying, you should push 2 channels.

2) OPERATION PROCESS**2 Channel general operating instructions**

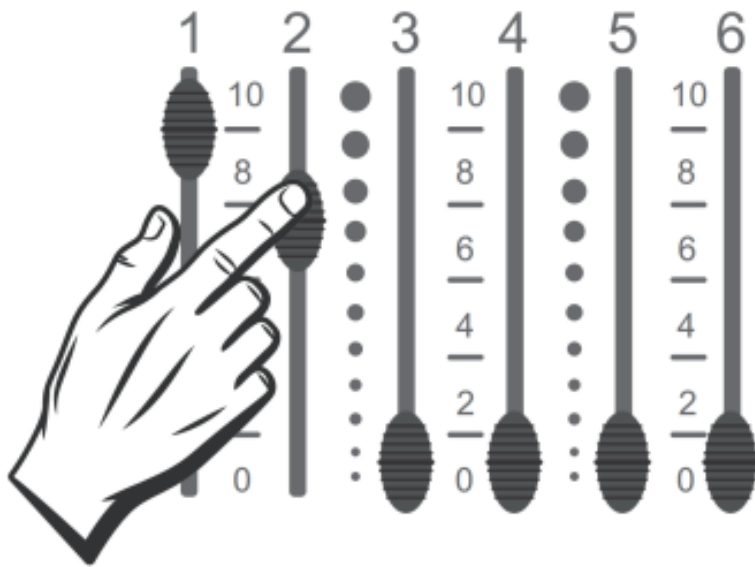
1. Connect the DMX signal cable. If the DMX blue indicator light flashes, the DMX signal connection is successful.

2. Channel 1 starts to heat and inflate (the display will display dynamic temperature numbers in real time); wait until the green indicator light stays on to complete the heating and spraying.



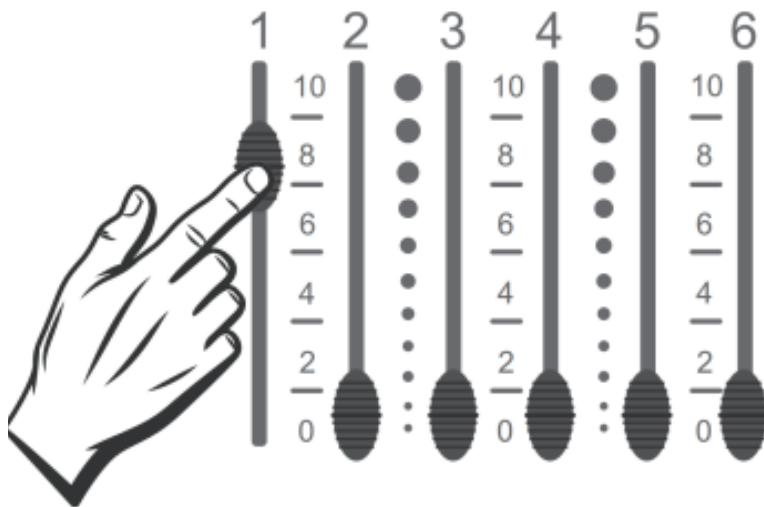
Channel 1 is to start heating + inflation (Value 240-255)

3. Push 2 channel can achieve spray



Channel 2 is spraying
(113-255)

4.End of event--operation and cleaning (please refer to item 4 for details)

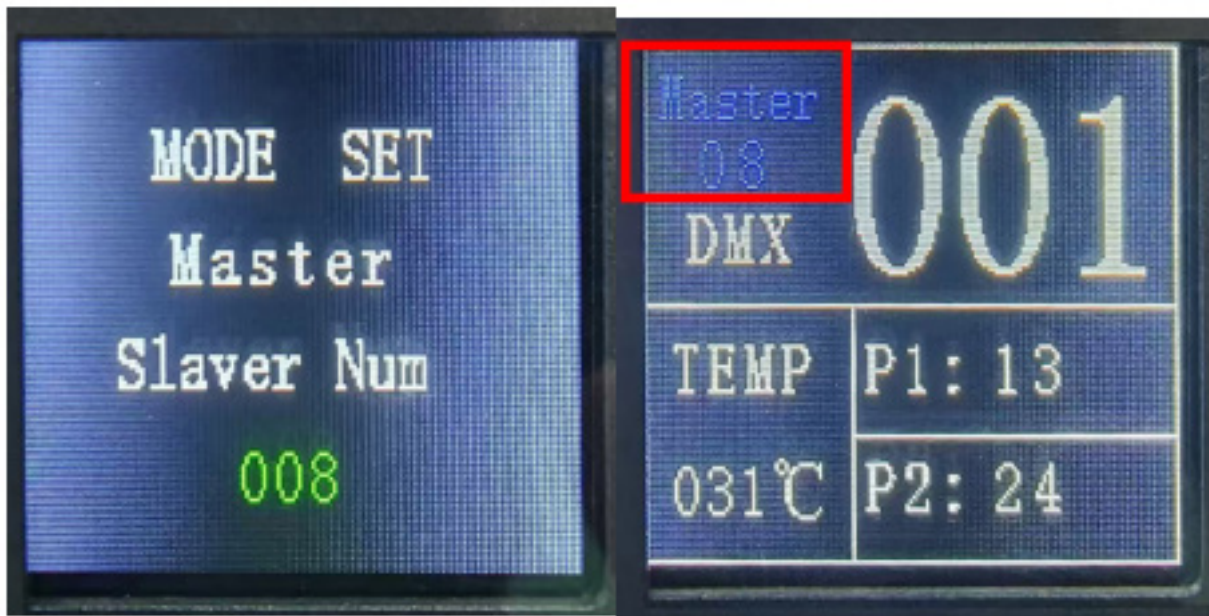


Channel 1 goes down a
little bit
(value between 221-239)

4 Channel horse racing effect operation instructions

1.Connect the DMX signal cable, the DMX blue indicator flashes, and the slave blue indicator is always on, which means the DMX signal is connected successfully.

2.Set the first machine as the host Master, and set the number of slaves participating in the horse racing (note: the number here is the total number of slave machines, excluding the first master machine). After setting, the main screen will display; as shown below:



3. Set other machines as slaves in turn, and set the address codes to 1, 2, ...; after setting, the main screen will display; as shown below:



4. Set channel 3 to the corresponding pressure interval value; set channel 4 to the interval value of the horse racing effect you want.

5. Then follow the regular operating instructions to operate 1 channel heating and 2 channel spraying.

NOTICE:

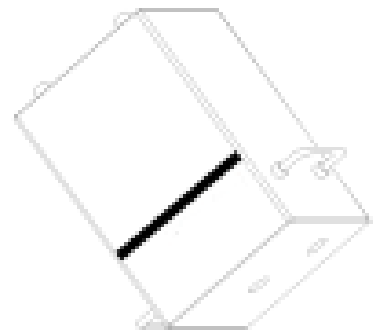
When using the 4-channel horse racing mode, the mode must be set in advance, and the number of slaves must be greater than 2

4.CLEAN AND MAINTENANCE

1)Clear powder:Pls must do Clear Powder after each events used, avoid be stuck by inside powder for next use. The series of products designed two automatic modes of cleaning remaining consumables.

Operation step: When the machine still in the preparatory state after the event, clean the powder directly (DMX console use 1st channel push number between 221-339); Automatic cleaning time is 30s, ao can stop the cleaning in advance by manually (the console pushes channel 1 to between 1-221); after the material clearing is completed, the equipment will automatically jump to the non-working state.

If you need to save the equipment, please pour out the remaining powder inside for separate storage after cleaning, avoid to affect the next use of the remaining powder affected by moisture.



2)External cleaning: Please wipe the machine gently with soft cotton, to avoid scratch the machine housing.

5.AFTER-SALES

- 1) Warranty: 1 Year (Subject to the date of manufacture);
- 2) Each machine is affixed with the factory code. The factory code shall be provided when enjoying the warranty service. It is invalid if torn.
- 3) Please provide some videos or pictures as reference to help us solve the after-sales problems.

Fault light (yellow) display and processing method

Display content	Fault causes	Solution
E1	The target air pressure is not reached within 20 seconds	Leakage, check the inflation system
E3	No pressure display	The air pressure sensor is not plugged in or is damaged
E5	The air pressure does not drop after spraying	The air release solenoid valve is not inserted or is damaged.
E6	The power supply voltage is unstable	Switch power supply is broken
E7	Over temperature protection	Replace the heating plate test
E8	Unable to detect temperature	Thermocouple is not plugged in or is damaged

Note: E code is a fault code. When it occurs, the machine will light up with a yellow fault light and the machine will automatically stop working.

Note: After the fault light comes on, please turn off the power of the machine to stop running and contact after-sales service to avoid additional risks and losses; after the fault light comes on, you need to restart the machine until the fault light goes out before the machine can work normally.

6.CONSUMABLES

1)Consumables: The fountain height 4.0-10.0 meters (error 0.5m)

2)Consumables choice: Please select our consumables to avoid affecting the effect of the machine; (No warranty service is provided for machines damage caused by consumables not from our company)

3)Consumables save: Consumables should be kept in a dry and sealed environment to prevent moisture (wet and sundry consumables should not be used)

4)Consumables add: Please stop running the machines before add the consumables, to avoid accidental injury. And if found the spray is less, please turn off the machine and observe whether there are consumables in the barrel and add them.

7.WARNINGS

	High temperature warning, high temperature at exit.
	The hole add consumables.
	The purpose of the mark is to remind users of dangers and provide important information security statements for users to operate the spray machine safely and effectively. Examples are described as follows: Warning: This warning alerts you to harmful or potentially dangerous operations, gives a description of the risks and the consequences of ignoring them.
	Eye protection warning sign is to remind you of protecting the eyes during the machine operation.
	Warning: Dangerous voltages are present in this machine when electrical power is applied. There is a danger of injury from electric shock. Under no circumstances are you to attempt to open the machine or attempt to remove or adjust any components fitted within the machine.Only fully trained engineers can open the equipment.
	Warning: The moisture warning reminds the operator to keep the spray machine and controller in dry and not to use them in rain or snow day
Cleaning	After events, it should be observed whether there is nodulation in the spray hole, if it does, please clean up to keep the effects of next time. Also, the cleaning function should be used to remove the residual consumables of the spray machine pipeline. Before transportation, please pour out remain consumables and keep them in dry and sealed.

1) Do not spray more than 10 times in a row as it may damage the machine.

2) If during use, the spray nozzle does not spray flowers normally or there are other abnormal conditions, please stop the machine immediately and contact after-sales service.

3) Do not turn off the power immediately after spraying. Turn off the heating and let the cooling fan draw out the hot air inside the machine while the power is on. Do not touch the spray barrel directly with your hands before cooling to prevent burns.

4) Please place the device in an open area for use, keep a safe distance of at least 5 meters from people, and keep away from flammable materials.

5) Please make sure the equipment is turned off before adding materials.

6) If the consumable is accidentally ignited, use sand to extinguish it, do not use water.

7) Damage caused by improper use or human factors is not covered by the warranty.

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