

SI029/SI030 DMX INTELLIGENT

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Tels.: 968850439 & 617339732 MURCIA

FOG MACHINE *User's Manual*

This series fog machine is our latest product, it have the feature of beautiful exterior、excellent function。Thank you for using our product, Please carefully read this manual before your operation in order to make sure you can safety、reliable and long time to use the fog machine.

Specification

Model	SI029 BLACK HAWK	SI030 BLACK HAWK
Power Supply	AC220~240V/50Hz	AC220~240V/50Hz
Power Consumption	2000W	2000W
Warm up time	12min	12min
Output Distance	10m	10m
Output	20000cuft/min	20000cuft/min
Tank Capacity	2L	2L
Size	L490mm×W360mm×H230mm	L470mm×W360mm×H230mm
Weight	13.0kg	13.0kg

Operation Specification

- 1、Please open the carton and remove the package after you brought the fog machine. then, check the device, especially note there must no sundries in the muzzle to avoid jam the muzzle. please contact with dealer if you found the fog machine has damaged or missed some accessories.
- 2、Horizontal placed the fog machine, open the tank cap, fill in high quality smoke oil, drive tight the tank cap.
- 3、You should carefully check if the voltage is match with the rated voltage of the fog machine , power should connect to the power cord which have the earth cable, push the power switch to“1” , then the indicator shine and the fog machine in working status.
- 4、Plug the connector of the console into the 5 pin connector of the fog machine

Caution

- 1、This type fog machine suit use indoor, and should be placed in dry place and to avoid the damage of the moisture and rain.
- 2、The fog machine horizontal placed on the floor is feasible, and it can also mount on the stand, but the lean should not beyond 15° 。
- 3、The device should placed in the airy and excellent cooling place, it must keep 20cm space

around。

- 4、 The device should keep away from blaze 、 flammable and explosive substances, to avoid cause the fire and blast。
- 5、 Never spray directly to the person, people must keep 60cm distance to the muzzle to avoid scald.
- 6、 Please add the smoke oil in time when the smoke oil will use up, if the device don't stop working when the smoke oil is used up, it will cause the damage of the pump and heater。
- 7、 You should be carefully when add the smoke oil, to avoid the overflow of the smoke oil。
- 8、 Never add flammable liquid, just like fuel oil、 gas and spice into the tank.
- 9、 You must connect the fog machine with the console when open the fog machine, or it will not work。

Fault and Maintenance

- 1、 We suggest you use the attached smoke oil, the inferior smoke oil will cause the jam or oil leak.
- 2、 The device may jammed by heavy, dirty or over heat smoke oil, so, regular maintenance will make sure the fog machine can long time and reliable use, we suggest you use the 80% distill water and 20% white vinegar to clear the sundries inside the heat tube, method as below:
 - (1)Debus the muzzle when the fog machine haven't be heated up, use the vinegar to clean it and make sure it smooth.
 - (2)Clean the entrance filter of the plastic tube inside the tank.
 - (3)Spill the smoke oil, fill in the cleaning liquid as mentioned, then switch on the machine and make it working till use up the cleaning liquid.
 - (4)Fit on the muzzle again after cooling, add the smoke oil for next time use.
- 3、 You should cut off the power when the smoke is diminish 、 pump have noise or can't spray the smoke, and check the amount of the smoke、 fuse、 plug of the console and power plug in the meantime if all is normal, please switch on the machine again and connect with the console to operate it, check if the smoke oil is pass the tube. Please contact with the dealer for repair if you can't solve this problem.
- 4、 please cut off the power if you don't use the fog machine for a long period.
- 5、 We suggest you ask the professional for repair if you met some difficult problem。

Others

- 1、 All the fog machine will coagulate hydrosphere and moisture because of the condensation。
- 2、 All the fog machine will output tiny smoke after use. 。
- 3、 All the fog machine have the cycle period, pump will auto close and warm up again when the temperature descend to a lowest point. It won't resume to the spray status until the warm up is finished 。

Package

- 1、 Fog Machine: 1pc
- 2、 Console: 1pc
- 3、 Remote Console: 1pc
- 4、 Signal Cable: 1pc
- 5、 Power Cord: 1pc
- 6、 User's Manual: 1 copy

The User's Manual Of The Console

Feature

- 1、 With 5m signal cable。
- 2、 This console is multi-function controller, it have the multi-function of control the output time、 output interval time、 output amount、 auto-output、 manual output 、 remote control output and DMX control etc。

Use Method

- 1、 Put the terminal plug of the signal cable into the back 5pin connector, here the LCD of the console will display warming! T xx s”, warming time keep moving , here the fog machine is in warming status.
- 2、 The LCD will display “Ready !” after finish warming, “Ready !”, it means spray smoke is feasible。
- 3、 Intercalate of the console
Press “MENU” button : (Note: you can't intercalate when first time warming)

Interval Set: s	Duration Set: s	Auto Vol Set: %	MANL Vol Set: %	Tele Vol Set: %
DMX Addr Set:	RUN Mode Set: DMX	TeleCtrl Set: NO	Manual Set: NO	

- (1) Interval is alternation time setting, you can set the time at the range of 0~255s;
- (2) Duration is the auto-output time setting, you can set the time at the range of 0~255s;
- (3) Auto Vol is the auto-output volume setting, you can set the output amount at the range of 0~100%;
- (4) MANL Vol is the setting of the manual output volume; you can set the output volume at the range of 0~100%;
- (5) Tele Vol is the setting of remote control output volume; you can set the output volume at the range of 0~100%;
- (6) DMX Addr is the DMX address setting; you can set the DMX value at the range of 1~512
- (7) RUN Mode is the fog machine running mode setting, it have 2choices: DMX and AUTO;
- (8) TeleCtrl means whether chose the remote control function, it have 2 choices: YES or NO;
- (9) Manual means whether chose the manual output function, it have 2 choices: YES or NO.

Operation method: After press “MENU”, then press “UP” or “DOWN” set the parameter.

4、 AUTO- output

Preset the Interval (interval time)、 Duration (output time)、 Auto Vol auto-output volume) parameter, RUN Mode chose AUTO. press the “AUTO” button, it will auto-output, here the LCD of the console will display “Interval AUTO xx s” or “Duration AUTO xx s”. if you want temporary

to stop working , press the “AUTO” button again, LCD will display “AutoMode Pause!”. If you press the “AUTO” button again, it will auto-output again.

5、 (Manual) Manual Output

Set the MANL Vol (manual output volume) parameter on the console first, RUN Mode chose DMX, Manual chose YES。 press the “MANUAL” button, you can realize manual control the output .

6、 Remote Control Output

Preset the Tele Vol (remote control output volume) parameter on the console first, RUN Mode chose DMX, TeleCtrl chose YES. Press the button on the remote controller, you can realize the remote control output。

7、 Connect DMX signal operation

This device can assort use with the standard DMX512 controller. connect the out DMX signal into the rear “INPUT” socket of the machine, preset the DMX Addr parameter of the console, RUN Mode chose DMX, the fog machine will controlled by the DMX signal.

* Channel connection specification:

- (1) When CH1 is 0~7, it will stop working, other channel will be invalid。
- (2) When CH1 is 为 8~127 时, it will continually spray smoke, output volume controlled by CH2.
- (3) When CH1 is 128~247, it will timing and quantitative output, output volume controlled by CH2, interval time controlled by CH3, output time controlled by CH4.
- (4) When CH1 is 128~247, it will maximum to spray the smoke, then other channel is invalid。

8、 Have the power cut memory function:

This device have the power cut memory function, but it just memory the data of last time. pull out the plug, whenever you open the machine again, all the data will not be changed。
(Note: It have no the work state memory)

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