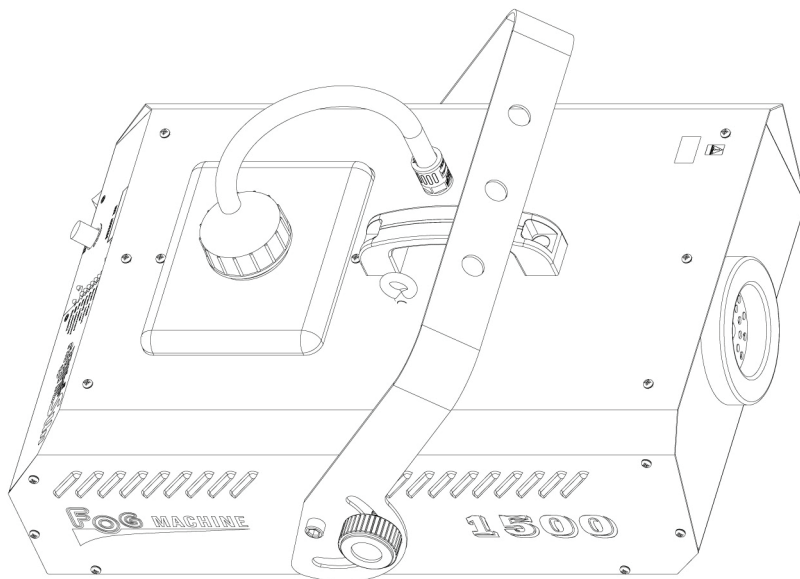


scandLIGHT

User Manual

Scandlight SM-1500



Thank you for using our FOG MACHINE. For your safety, please read this manual carefully before using the machine. This Manual includes the important information of installation, operation and safety instruction. Please install and operate as requested in the Manual, meanwhile, please keep the manual well for any unexpected requirements.

Preface

This Manual includes the important information of installation, operation and safety instruction. Please read all content inside carefully. Please do as requested in the Manual to install, use and maintain correctly and safely. Keep the manual well for any unexpected requirement. We will not take any responsibility to the light damage, property loss or body injure which caused by the incorrect installation, operation and maintenance.

NOTICE: The data inside the Manual maybe changed due to the continuous improvement, and we'll not make another notice. We will keep the right to any specification update during improvement

Supplied accessories

Accessories with the machine:

| Serial No. | Item No. | Quantity |
|------------|----------------------------|----------|
| 1 | signal wire | 1 |
| 2 | wired controller box | 1 |
| 3 | wireless remote controller | 1 |
| 4 | user's manual | 1 |

Please check if all the contents are completed after unpacking.

Please keep the original package and return to the factory if it's damaged.

Safety Instruction

Cautions:

Please check if the voltage is accordance with the rated power before usage. And pay attention to the voltage in using situation.

Please make sure there is smoke oil in the tank before usage. Or take out the oil tank from the machine body to add oil.

Please turn off the machine when oil has run out, in case of electromagnetic damaging caused by overheating.

Keep putting machine horizontally. Do not make machine lean or upside-down.

Turn off after using. The machine should be packed only after cooling at least one hour.

This machine is not water or splash proof. If moisture, water, or fog liquid gets inside the housing, immediately turn off the power supply and contact your supplier.

There is no accessory spare part to repair automatically inside. So please do not open and change the structure of the machine by yourself.

Safety Warning :(Please obey following rules strictly)

For adult using only. Fog machine must be put without the reaching by children.

Never place the output nozzle directly towards people. Please keep more than 8 meters away from the nozzle when it is working.

The working temperature on the surface of machine is up to 40-80°, do not touch machine by hand.

Locate the fog machine in a well-ventilated area. Never cover the unit or the body by any matters, in case of fire disaster caused by overtemperature.

It must keep the distance between machine and ground be at least 50CM when machine is located on ground with carpet or wood. It is forbidden to put any inflammable and explosive substances within 300cm.

Never add any inflammability liquid into oil tank, such as oils, gas or condiment.

Technical Parameters

Voltage input: AC220-240V, 50Hz / AC110-127V, 60Hz

Power Consumption:: 1500W

FUSE: 10A/20A

Control Mode: Wired /Wireless remote/DMX512 control

Wire control distance: 5m

Remote control distance: 25m

Oil tank capacity: 2.3L

Warming up time: 8min

Output capacity: 15000cu.ft/min

Output distance: 8m

Appearance: mental housing, streamline appearance design.

Protection rate: IP20

Boundary dimension: 470×280×140mm

Package size: 565×370×260mm

N/W: 7.5Kg

G/W: 8.6Kg

Installment

Adding fog liquid

Open the cover on the tank, get out the fog liquid tank, and then add fog liquid into the tank.

After adding, please hold the cover tightly to avoid overflowing of fog liquid, and then put tank into machine.

The machine can work normally only after the oil tank is with rated oil and the cover on the tank has been hold tightly.

Connecting power supply

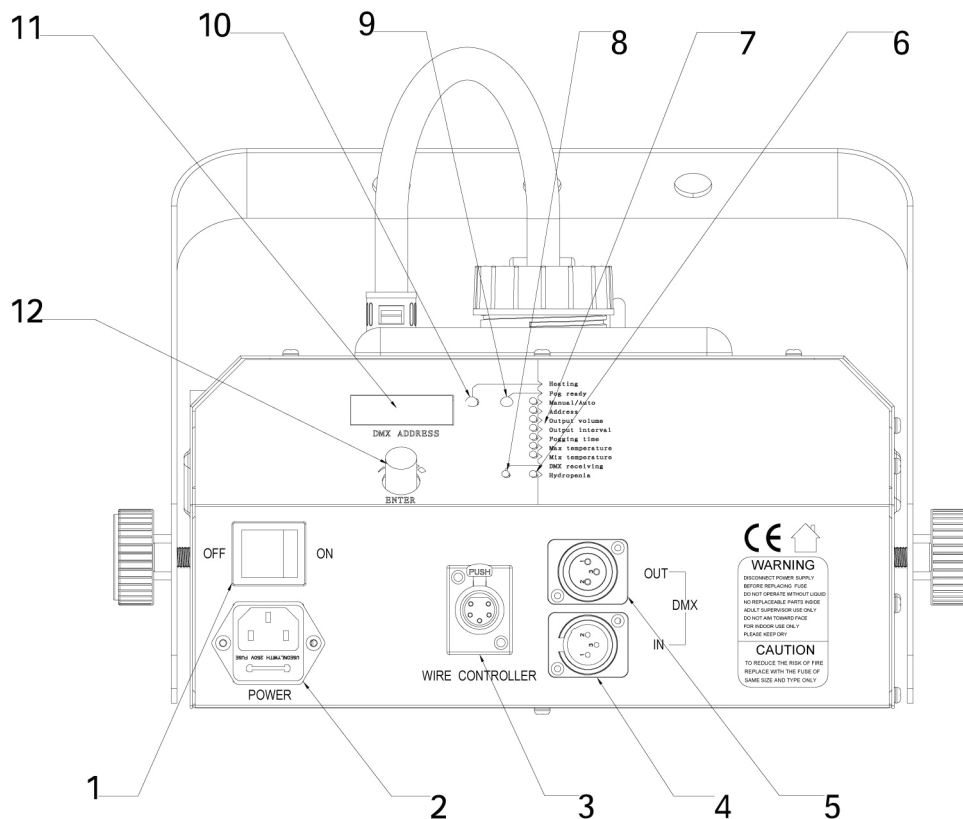
The power supply can be connected only when the groundwire is connected to ground safely; electrical installation must comply with all relevant standards.

The smoke is connected to power supplies by divided plug. It should be noted that the rated voltage and frequency must be accordance with the power supply.

If the power cable is damaged, please contact service agents or professionals to replace; using the same specifications when replacing the power cord cables.

Operation Instruction

Introduction to panel operation:



1. Circuit breaker: the switch of the power supply.
2. Power cable: connector of the power supply
3. Wire connector: connector between product and Wire controller
4. DMX input interface: DMX Control signal input interface.
5. DMX outgoing interface: DMX Control signal output interface.
6. Water depletion indicator light: it displays the tobacco tank has been exhausted and the machine stop working when the red led light is ON.
7. Parameters indicator light: it's applied to indicate the kind of parameter when adjusting.
8. DMX indicator light: it displays the product has been connected the DMX512 controller normally when the green led light is ON.
9. Spraying indicator light: green led light displays it is heating completed and on the condition of spraying.
10. Heating indicator light: red light means it is heating when it's ON.
11. Digital display screen: display DMX address, display parameter value when adjust the parameter, display the working temperature of product when on the default status.
12. Rotation button: rotary adjust parameters (value increases by clockwise, value decreases by anticlockwise), press lasting to confirm the parameters to be adjusted.

Easy operation:

1. Adding the oil completed and connecting the power supply, pressing the switch to ON,

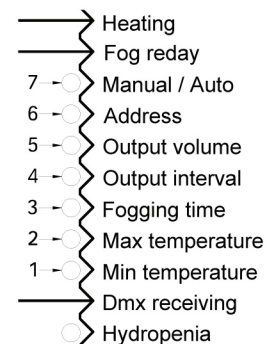
- meanwhile the machine is on the condition of heating, the heating indicator light (10) is working.
2. Connecting the cable control box with control interface cable (3), so that the machine can work through the cable control box.
 3. When the product is finishing heating completely, the smoke indicator (9) is ON, at this moment, pressing the "red button" on the wireless remote control or wire controller, the machine can spew smoke, stop pressing will no smoke.
 4. If you need to use DMX512 controller, please connect signal cable in the attachment with DMX512 connector (4), put the other side of cable into the control table. When blowing smoke indicator light (9) lights up, the function of blowing smoke can be controlled by controller.

Setting of parameters

1. Gently push the button (12) to choose parameter you want to adjust, the parameter type cycles from 1 to 7 (picture as follows).
2. The parameter values can be adjusted by rotating the button (7) left and right.
3. The parameter types to adjust can be indicated in the parameter indicator lights (7) (as shown in following 1-7 indicators).
4. The adjustable parameter values display in digital display screen (11).
5. After adjusting the parameters, long press button (12) to save setting values (at this time you will hear a prompt sound and see the screen flashing again).
6. In the process of setting, about 6 seconds without operation, the program will automatically exit the setting.
7. The product will be set originally as manual status, parameter adjustment between manual and automatic only needs to change to state you want, remaining 5 seconds, and it is no need to push the knob long (12) to save.

Following is the adjustable range for each parameter value:

1. Min Temperature: 240-260□
2. Max Temperature: 280-300□
3. Fogging Time: 0-255s
4. Output interval: 0-255s
5. Output Volume: 0-100%
6. Address: 0-512



Settings of DMX address

Each light must set a specific start address code. When receiving the signal transmission, from this specific start address code, the fog machine will begin to accept channel control signal which convey from DMX512 console.

According to their actual requirements or ease of use, the user can not only set more than one fixture to the same address code; but also set each fixture to an different address code alone.

Since many fixtures are set to the same address code, then all of them will start from the same address code received from DMX512 channel signals. Based on this principle, all connected lights will be under common control, the console cannot individually control one light.

If each fixture is not set to the same address code, then every fixture will begin to accept DMX512 console signals individually from its specific address code. This makes it easy to control a single fixture. Using this method must be based on that each fixture is occupied by the channels number to determine the start address of the next fixture code.

Channel value table

| DMX channel | DMX value | Detailed function |
|-------------|-----------|--|
| ON | 0-255 | Adjust the volume of smoke blowing from min to max |

Notices:

- 1) This product will appear condensation phenomenon, namely it will condensate the water vapor or moisture around the nozzle. So please take into account the products placing issue before installing.
- 2) This product will spray a small amount of smoke in the process of heating or after stop using occasionally.
- 3) This product will generate certain noise, which belongs to the normal situation.

Fog machine clean

Machine clean and frequency

1. Please do not pollute the machine. In order to keep cleanness, please tighten the cover immediately the fog liquid was added.
2. It is suggested to clean the machine after using the machine for 40 hours continually.
3. Please discharge the nozzle and clean with vinegar to ensure its smooth running.
4. Pour out the smoke oil; please remove the plot in the heat pipe of impurities with 80% of distilled water and 20% of white vinegar.
5. Please operate the machine continuously in the open air until the liquid is run out.
6. Use dry cloth when cleaning and keep clean when in store.

Notice: Smoke discharged machines may get blocked due to filtration, squalor or heat of smoke generator. Therefore, regular maintenance ensures a long life of the machine and reduces the replacement of component and the repair cost.

Simple troubleshooting

| Faults description | Countermeasures |
|--|---|
| Product do not heat | 1Check whether the power supply is normal. |
| Less spray smoke/ Non-spraying | 1. Check whether the smoke oil is used up. 2. Check whether the filter nozzle is blocked. 3. Check if spraying smoke nozzle is blocked. 4. Check whether the pump is weakened or doesn't work. |
| Excess temperature, give out peculiar smell | 1. Cut off the power supply and contact the supplier immediately. |