

# Mega Haze Machine

Item Number: LLMEGA

## USER MANUAL



This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safely and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacturer or dealer will not be held responsible.

### **Installation:**

This unit is for indoor use only. Use only in a dry location. To prevent or reduce the risk of electrical shock or fire, do not expose to rain or moisture.

Maximum ambient temperature for operation is 104°F. Do not operate the unit at a higher ambient temperature as the surface temperature of the unit can reach up to 165°F. Do not touch the housing of the unit during operation as this could result in serious injury. Turn off the power and allow 15 minutes for the unit to cool down before handling. Do not open the unit within five minutes after switching off.

Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces. The unit must be installed in a location with adequate ventilation, at least 20 inches from adjacent surfaces. Ensure that no ventilation slots are blocked.

We advise that an electrician confirms the safety of the electrical data prior to installation. Power off the fixture before installation or maintenance. Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

Use and Regulations: Please check the voltage parameter on the backboard of the smoke machine to ensure it matches the place of use. The machine must be placed in an indoor, ventilated space where there is some airflow. The machine will not heat up and the fuse will break if airflow is stagnated.

Do not cover the machine with anything to avoid injury or fire hazard due to overheating of the unit. Connect the haze-liquid tube between the tank and the machine. Press the red button to release haze. Using this method, release smoke as long as desired. Always check the liquid levels. Clean the heat-proof tube after 40 hours of use.

This machine is only made to operate on non-toxic, water-based haze. Before refilling the haze liquid, shut down the power supply. Take care that the liquid does not get into the inner electrical portions of the machine, or the circuit may short. Do not fill tank with any flammable oil, gas or any flavors. When filling the tank, place the machine on a level surface. Open the tank, refill with liquid and cover the tank. In the case that haze, or liquid enters the inner part of the machine, shut down the power supply immediately. When the liquid is low, the light indication color will change from blue to red, and flash.

The protection function will begin working to protect the machine. The LCD display will flash No Liquid! and the machine will stop operating. At this status, power off the main supply, refill liquid, reconnect the power supply and begin steps to turn the machine back on. Ensure that the haze is not in close-proximity or direct contact with skin. Keep the spray nozzle 15 feet away from directed target when in use, as the output haze temperature is high.

The maximum surface temperature of the machine may reach between 104°F - 176°F. Do not touch the surface. Typically, haze machines collect condensation. Clean with a dry cloth. Less haze may be dispersed during the first use of the machine, and this is normal.

## **Product Specifications:**

Input power: AC 100-240V

Power frequency: 50/60Hz

Power: 600 - 1250W

Fuse: 15A

DMX connector: DMX 3-Pin/5-pin XLR input/output

Power connector: PowerCon input

Control mode: DMX/Manual

Direct spray

Haze output angle adjustable

Housing color: black

Tank capacity: 2.4L (Due to machine pressure, the maximum filling capacity of the oil tank is 1.6 liters. Please do not fill with fog oil beyond this capacity!)

Pre-heating time: 9-10 minutes ( $\pm 30$ s)

Dimensions: 580\*170\*304mm/22.8\*6.69\*11.97in

Weight: 14kg/30.8lb

## **Refilling the Haze Liquid:**

Place the machine on a level surface.

Remove the oil tank from the machine, open it, and refill it with high-quality haze liquid. -To maintain the cleanliness of the haze liquid, immediately close the tank after refilling

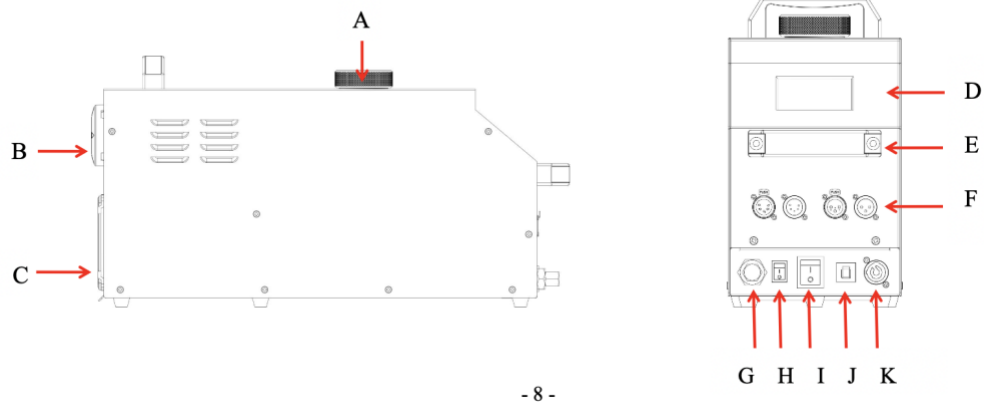
## **Power Connection:**

Plug the power cable into an outlet with a grounded connection. The machine will begin heating up automatically.

## Operating the Machine:

Press the red button to start spraying haze. You can continue spraying for as long as needed. Always monitor the liquid level. Running the machine without liquid will cause damage

## 5. INSTALLATION



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A: Fluid Tank

B: Haze output nozzle

C: Adjustable Fan

D: TFT LCD Touch Screen for Control Panel E: Handle

F: 5pin /3pin DMX IN and OUT

G: Gas inlet

(MIN 50psi/3.4bar, MAX.60psi/4.1bar.)

H: TFT screen switch I: Power switch

J: Breaker: 15A

K: Power connector

**Set-Up:**

The installation of the device must be handled by qualified persons who are familiar with the hazards and relevant regulations.

Only authorized persons may operate the machine.

Do not use the machine if there are people or animals in the direct output area.

Ensure that there are no objects in the direct output area that could be damaged by the machine (e.g., by getting wet). — Make sure that unauthorized persons, children, or animals cannot access the machine.

Do not connect more units to a single electrical circuit than the installed fuse can handle.

Do not remove any safeguards, safety caps, or safety symbols.

All required safety devices must be in good condition and function properly.

Ensure adequate lighting in the surroundings.

Keep the workplace clean.

**The machine must be used in environments that:**

Have a stable temperature between 5°C and 50°C.

Have a relative humidity between 20% and 90% (non-condensing).

Are free of dust, corrosive gases, and high concentrations of organic vapors. — Are not located near a vibration source.

**The machine is designed for indoor and outdoor use.**

(The machine is designed for outdoor use and for use in well-ventilated indoor spaces.)

**WARNING**

The machine cannot be used in rain or other wet conditions. — Always maintain a 50 cm safety zone in front of the machine.

## **OPERATION INSTRUCTION**

### **Connect Power**

1. Place the machine on a level surface.
2. Ensure that the power switch is off.
3. Connect the power cable to the power input.
4. Connect the other end of the cable to the power supply (AC 100-240V, 50/60Hz).

### **CAUTION:**

Always connect to a grounded circuit to avoid the risk of electrocution.

Do not connect more units to a single electrical circuit than the installed fuse can handle.

### **FILL UP THE EMPTY CAPACITY WITH HAZE LIQUID:**

1. The high-quality haze liquid used for this unit is oil-based.
2. Always follow the instructions noted on the haze liquid bottle.
3. Remove the original tank lid. Fill up with no more than 1.6L of haze liquid.
4. Cover the original tank lid.

### **Notice:**

The tank filled with haze liquid must contain no more than 1.6L; the rest of the space should be filled with gas.

The tank lid must not be open during operation. It is dangerous.

## **CONNECT CO2 BOTTLE:**

Place the CO2 bottle on a stable and level surface, securing it with an approved strap or bottle clamp. Position the bottle so that the valve opening is not directed towards the public.

Place the CO2 bottle preferably outdoors or in a properly ventilated space with a CO2 detection system. The maximum temperature in the surrounding area should be 38°C!

## **DANGER WARNING:**

We are not liable for working with CO2 gas and CO2 bottles or for their proper use.

Only use CO2 bottles.

Connect the gas inlet to the gas cylinder equipped with a pressure regulator.

Turning it by hand is sufficient! Only use a wrench if the coupling continues to leak.

The pressure regulator for low pressure is already set between 50psi and 60psi. Once the system is properly connected, open the gas cylinder.

Check for leaks or if the pressure exceeds 100psi, which is dangerous. Please contact the manufacturer or its service agent.

If the gas hose is not properly connected, gas may escape. In such cases, tighten the couplings until the gas stops escaping.

## **POWER ON:**

Ensure that the direct output area is free from people and objects.

When it's time to activate the haze effect, switch the power on. The power cable should be plugged into an outlet with an earth wire, and then the haze machine will start heating immediately.

The switch is located on the backside of the machine. Check all options in the menu. Use the TFT display and buttons for selection.



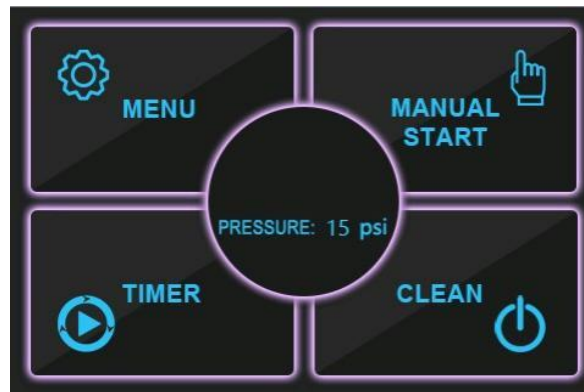
### Machine Operation Instructions:

The TFT display will show the heating completion percentage during the initial heating time. The display shows "Heating (0% ~ 100%)" as the machine heats up from 0% to 100%, which takes about 9 minutes. After that, the machine will be in standby mode, ready to operate.






### Control Panel Operation:

The machine can be operated using the TFT LCD control panel located on the control panel.

Main Menu:



**Notice:** This display indicates that the machine is ready to work. The "Pressure psi" is based on the setting from the menu.

Main Menu	Level 1	Level 2	
MANUAL CONTROL			
	FAN	1% - 100%	
	HAZE	5psi - 40 psi	
TIMER CONTROL			
	TIMER	Duration	10 - 6005
		Interval	10 - 6005
	MANUAL	FAN	1% - 100%
		HAZE	5psi - 40psi
	Duration	1 - 6005	
	Interval	1 - 6005	
DMX CONTROL			
	Address	1 - 511	
	Channel	2CH	
	Link Mode	3-pin / 5-pin	
OFF			
			

## DMX Chart

### Channel Mode: 2

Channel	Value	Function
CH1	0-255	Haze output volume from 0 psi to 40 psi
CH2	0-255	

## SWITCH OFF:

Before shutting down the machine, please perform the following steps:

**Clean the machine thoroughly before turning off the power!**

1. Close the gas cylinder.
2. Press the CLEAN button to release the pressure inside the machine and the high-pressure hose.

3. When the pressure is fully released, the machine will emit three "beep" sounds as a reminder.
4. Check the regulator at the same time to ensure the pressure is fully released. Disconnect the power, and only then disconnect the high-pressure hose from the gas cylinder and the fog machine.
5. After completing the shutdown process, empty the fog oil from the oil tank.

**Note: Do not** open the oil tank cap if the pressure is not fully released. The pressure inside the tank is very dangerous! 6. Wipe down the machine with warm water and a cloth to clean it thoroughly.

**Symbol Instruction on Fixture:**



CE certificate



RoHS certificate