



# **FOS Arena Haze IP65**

## **USER MANUAL**



## Introduction

Thank you very much of choosing the **FOS Arena Haze IP65** wave haze machine. Before operating the device, we strongly suggest reading the user manual carefully. By following the instructions in the user manual, will ensure your safety, achieve the best effect, as well as understanding the right way to maintain the machine time to time, to prolong the products' life cycle.

## Introduction

**FOS Arena Haze IP65** is specially designed for large outdoor stages. Integrated in a flight case, it creates enormous amounts of long-lasting haze, to fill up the venue in minutes. It is perfect for theaters, large clubs, stage productions, rental companies and industrial applications.

## Features

- Ultimate all-in-one fog and haze machine for professional theatrical effects.
- Creates enormous amounts of fog or fine, long-lasting haze to fill up the venue in minutes.
- 12L fog fluid tank.
- Advanced No-Fluid protection.
- Adjustable timer with interval, duration and volume output.
- Built-in high-speed fan with adjustable output angle.
- Integrated in a flight case (with castors), applicable for touring.
- Water-proof power switch.
- Built-in LCD, wireless control, 3pin XLR connectors for DMX control.
- Perfect for theaters, large clubs, stage productions, rental companies and industrial applications.
- Please use authorized professional fog fluid.



**Only use authorized high quality fog fluid. Warranty can be voided, in case of damages / low performance caused by inappropriate liquids use.**

- Use grounded electrical outlet. Prior to use, determine that unit is installed at the rated voltage.
- Turn off or unplug when not in use.
- No user serviceable and modifiable parts inside, from unqualified personnel. Do not disassemble the housing and do any modification. Danger of fire, damage, or injury.
- For adult use only. Hazer must be installed out of the reach of children. Never leave the unit running unattended. Keep the device away from fire, combustible and flammable materials.
- Position the machine in well-ventilated area. Please leave about 50cm spaces surrounding the machine.
- Please don't use the machine under conditions of high temperatures.
- Never add flammable liquids of any kind (oil, gas, perfume) to the liquid.
- If an abnormal behavior of the device appears when using, please stop the machine immediately, cut out the power, and check the oil stock, fuse, power line and power cord. If any issue persists, please contact your dealer.
- Never drink the haze/smoke liquid. If it is ingested, call the poison center in your country, or a doctor immediately. If liquid comes in contact with skin or eyes, rinse thoroughly with water.

## **Unpacking and inspection**

Immediately upon receiving the machine, carefully unpack the carton, check all content to ensure that all parts are present and have been received in good condition. If any parts appear damaged or mishandled from shipping, please do not power on the machine. Contact with the shipper immediately.

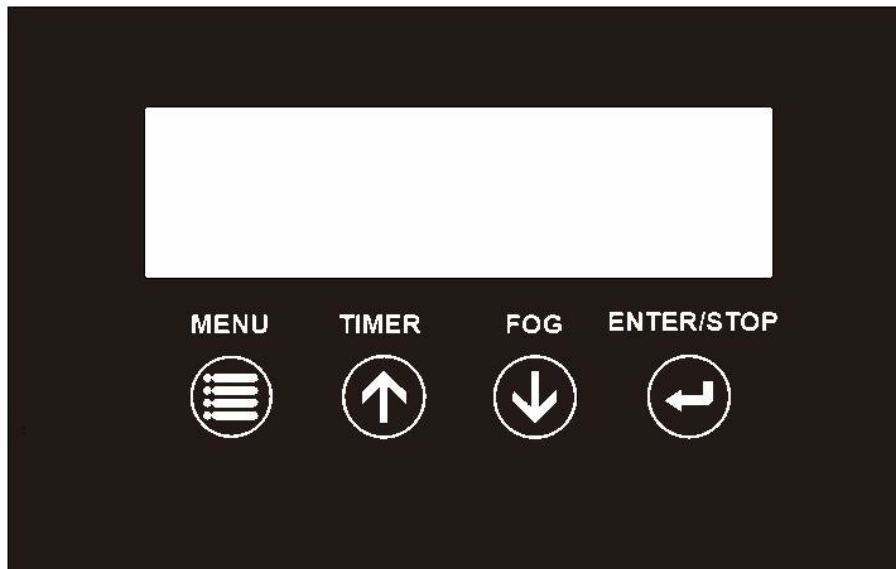
*What is included:*

1. 1x Haze Machine
2. 1x Power Cord
3. 1x User Manual

## Operation

### Control Panel Operation

The machine can be operated with onboard digital control interface.



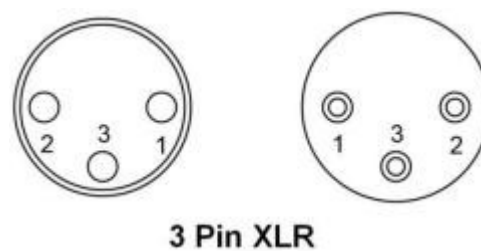
| Button         | Function                        | Explanation        |
|----------------|---------------------------------|--------------------|
| [MENU]         | Interval set (5-200sec)         | Timer mode setting |
|                | Duration set (5-200sec)         |                    |
|                | Haze Volume                     | 1-100%             |
|                | Fan Speed                       | 1-100%             |
|                | DMX512 Address                  | 001-512            |
|                | Fluid Sensor                    | ON/OFF             |
| [TIMER] [UP]   | Up & Activate Timer function    |                    |
| [FOG] [DOWN]   | Down & Activate Volume function |                    |
| [ENTER] [STOP] | Stop / Exit                     |                    |

## DMX Operation

Connect the machine to a DMX controller or to one of the machines in the DMX chain. The machine uses a 3-pin XLR connector for DMX connection, the connector is located on the rear of the machine.

### DMX Connector Pin Assignment

The machine provides a 3- pin XLR connector for DMX connection. The diagram below indicates pin assignment information.



Address Setup – Use control menu to set DMX address. The machine occupies 2 control channels. The starting address is defined as the first channel from which the machine will respond to the controller. Always double check to make sure there are no overlapping channels in order to control the machine correctly.

### DMX Channel Function

| Channel | Value   | Function            |
|---------|---------|---------------------|
| CH 1    | 000-005 | Fan Off             |
|         | 006-255 | 1-100 % Fan speed   |
| CH 2    | 000-005 | Haze Off            |
|         | 006-255 | 1-100 % Haze output |

## **Technical specifications**

- Model: FOS Arena Haze IP65
- Voltage: AC 220-240 V 50/60 Hz
- Fuse: 25A/250 V
- Power: 2500 W
- Heat-up Time: 7 min
- Output: 55,000 cuft/min
- Fluid Consumption Rate: 1-95ml/min
- Fluid tank capacity: 12L
- Max Output Distance: 10m
- DMX-512: 2 Channel
- Net weight: 41.50kg
- Gross weight: 43.50kg
- Machine dimension: 581 x 452 x 825mm
- Packing dimension: 615 x 485 x 840mm

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