FOS

technologies

FOS Haze 1200 Pro

PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATION

Voltage: 220/240 Volt AC, 50/60 Hz.

Power Consumption: 1200 Watt.

Pre- Heating Time: 2,5 min.

Fluid Consumption in maximum output: 8ml / min

Haze Output: 4500 cuft /min.

Tank: 5L

Control: DMX512, On Board.

DMX Channels: 2.

Protection Class: IP20 (for indoor use only)

Width: 223 mm

Depth: 480 mm

Height: 325 mm

Weight: 11 Kg

SAFETY WARNING

- Always plug in the power plug last and disconnect from the mains when the device is not in use or before cleaning.
- Do not install and operate the device in rain or extreme heat, moisture or dusty environments.
- This device is for indoor use only and in a dry environment.
- Do not switch on immediately but wait until it reaches to room temperature if the device has been exposed to drastic temperature fluctuations.
- Do not shake the device and avoid brute force when installing or operating.
- Do not use the device during thunderstorms and please disconnect the power.
- Do not use solvents or aggressive detergent to clean the device. Use a soft and clean cloth.
- Do not modify the device or the connected power cord without authorization.

Self-cleaning function:

After use, please don't turn off the machine immediately. The machine has self-cleaning function, there has 3 different right operations:

1. If DMX512 is used, please turn the haze output to zero/turn off haze output, then still let the power on about 80-90 seconds.
2. If use digital display control, please turn the "h" to "0", then still let the power on about 80-90 seconds.

PROTECTION AGAINST SOLIDS AND WATER

Only for IP-rated fixtures

The protection level of a housing is set by applied standards. For classification there is used the IP-Code. It contains the declaration „IP"and two following numbers. The first number characterizes the protection against harmful effects of solids, the second is rating the water protection. It is important to distinguish whether encapsulation and harmful effect! There can be housing that is not capsuled completely but still avoids harmful effect of solids or water.

PROTECTION EXAMPLES:

IP20: Protection against intruding objects >12,5mm „Finger protected "; No waterproofing. **TYPICAL PROTECTION FOR INDOOR USE FIXTURES**

IP33: Protection against intruding objects >2,5mm; Falling water within an angle of 60° has no harmful effect **TYPICAL PROTECTION OF LED-LIGHTS USING RECESSED POWERCON AND DMX SOCKET**. This protection is linked to the mounting position of the fixture and always refers to typical mounting situation like a Floor spot used standing on the ground.

IP54: complete protection against solids and low-pressure water from any side **THIS TYPE OF FIXTURES CAN BE USED UNDER NORMAL OUTDOOR CONDITIONS**.

IP65: shielded against dust and pressurized water from any side. **TYPICAL PROTECTION FOR OUTDOOR RATED EVENTFIXTURES USING WATERPROOFED POWER AND SIGNAL LINK.**

IP67: shielded against dust and protected for accidental briefly submerge. **PROTECTION AGAINST ACCIDENTAL SUBMERGING ON TEMPORARY FLOODED AREA.**

TEMPORARY USE

Event equipment is designed for temporary use. This are typical purpose as concerts, festivals, theatre, clubs and disco use and referable venues. Long-term use, specially under outdoor conditions and fixed outdoor installation can bring damage in aging materials and affect the coated surface. Sealings as well as cables are made from rubber material and will age by long-term UV-emission as sunlight and should be checked frequently.

LIMITATIONS OF IP PROTECTION

IP-Rating doesn´t mean unlimited outdoor use and protection against any kind of environmental influence! Especially sunlight and included UV will bring accelerated aging. Some fixtures need special parts or processes to fit the rated IP-Protection, like mounting covers or caps or similar. Sealings and other plastic or rubber materials are aging parts. They must be checked frequently to ensure the protection and safety of the fixtures. Also specified torque of screws can affect protection!

Installation

Floor Position: The fixture is designed for floor installation and operation.

NOTE! If the signal cable is over 60 m between the DMX512 controller and fixture or between two fixtures, then a DMX signal amplifier is needed as well.

Menu Screen

When you first turn on the Haze machine, you should wait for around 2 minutes while the unit warms up. When the warming up is completed, you will have access to various options. Press menu to scroll through the various options listed below. Use the up and down keys to set the secondary function.

D001: Set the DMX address

P0 - 100: Set the haze output from low to high.

F0 - 100: Set the fan speed from slow to high.

Flashing Display: Low fluid level warning.

Channel Modes

2 Channels

1. **Fan Speed**
   - 0 – 255 Speed zero to fastest.
2. **Haze Output**
   - 0 – 255 Haze output from zero to highest.

General Information

Replacing a fuse:

Always disconnect the fixture from main power before replacing a fuse. Use only the appropriate fuse, with the same type and rating. A fuse with different rating, can damage the fixture in case of failure.

Risk of electric shock and / or fire:

The fixture must be earthed, supplied always with its nominal voltage and cleaned periodically from dust. For cleaning use only, a moist cloth. Never use liquids or force water. After cleaning, let the fixture dry before use.