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S-LOW FOG

PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATION

S-LOW FOG is a low fog machine. It doesn't need any Co2 or Dry Ice to work, just to be connected with water supply. It is based to **Ultrasonic Atomization** method for producing the low fog effect. Inside of the main tank, there are devices with *piezoelectric disks*, which must be covered with water. Water level is being controlled automatically by an electrical pump. While in operation, the piezoelectric disks are electrically vibrating to ultrasonic frequencies, causing the water above them to break up in to droplets, creating the 'mist' effect. Then they are overflowing with the help of an internal fan from the main fog outlet.

In the white tank on the upper side of the device, you can add the fog liquid of your choice (light, standard, heavy, CO2 simulation) depending on the project you're working on, in order to give on the effect different dimension, intensity and duration.

Voltage: 220 Volt AC, 50/60 Hz.

Fuse: 10A/250V

Power Consumption: 3000 Watt.

Type: Low fog machine

Control: Stand Alone, Remote, DMX512

DMX Channels: 2

Protection Class: IP20 (for indoor use only)

Width: 450 mm

Depth: 935 mm

Height: 540 mm

Weight: 48 Kg

SAFETY WARNING

This product must be installed by a qualified professional. All maintenance must be carried out by a qualified electrician. A minimum distance of 0.5 m must be maintained between the equipment and a combustible surface. The product must always be operated in a well-ventilated area. Always disconnect the power before carrying out any maintenance. The earth must always be connected to the ground. Ensure that all parts of the equipment are kept clean and free of dust.

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 ACCIDENTIAL 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: The fixture can operate only on floor position, on its integrated flight case with wheels. Use the breaks to stabilize the device on the floor. Drain the water from the tank via the two draining pipes and cover the device after use.

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

You can easily navigate through menu's options with the four buttons under the screen. Navigating in the menu is simple! With the Up / Down buttons, you are moving through menu's choices, pressing Enter, you are entering the sub menu of the option you have chosen, with the Up / Down buttons you're moving through the sub menu's options, with Enter, you are confirming your choice. The **S-LOW FOG** offers the following options:

001 – 512: Adjust the DMX address.

P00 – P99: Adjusts the fog output volume.

F00 – F99: Adjusts the fan speed.

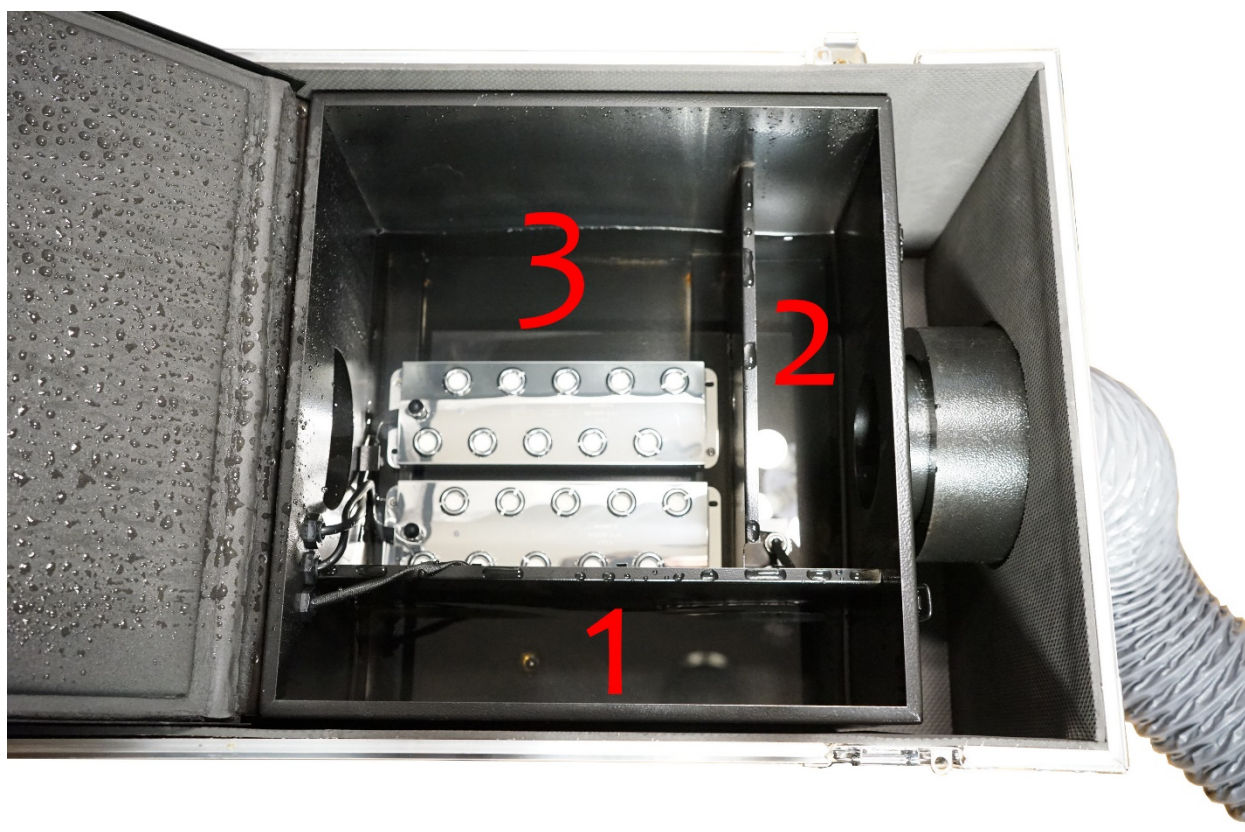**On – 000 – 999** *(flashing indication)***:** Adjusts the operating time.

Off – 000 – 999 *(flashing indication)***:** Adjusts the interval between the operation.

Channel Modes

2 Channels

1. **Smoke Output:** 0 – 255 Linear adjustment of volume fog output from zero to maximum.
2. **Fan Speed:** 0 – 255 Gradual speed adjustment from zero (slower output) to max.

Water refill

The S-LOW FOG contains 3 different tanks. You can fill with water all of them, as they are connected. As the fog machine operates, the water level in tank 3 reduces. An electric pump then will

transfer water from the tank 1, to tank 3. When the water level on all tanks drops, under the minimum level for operation, the fog machine will stop automatically.

The amount of water in the tanks lasts approximately for 30 minutes of continuous use.

Package contains

- Extension hose for the fog output.
- Remote control.
- Remote control receiver (must be connected on the fog machine).
- The device is integrated in to a flight case with wheels for easy transportation and draining.

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.