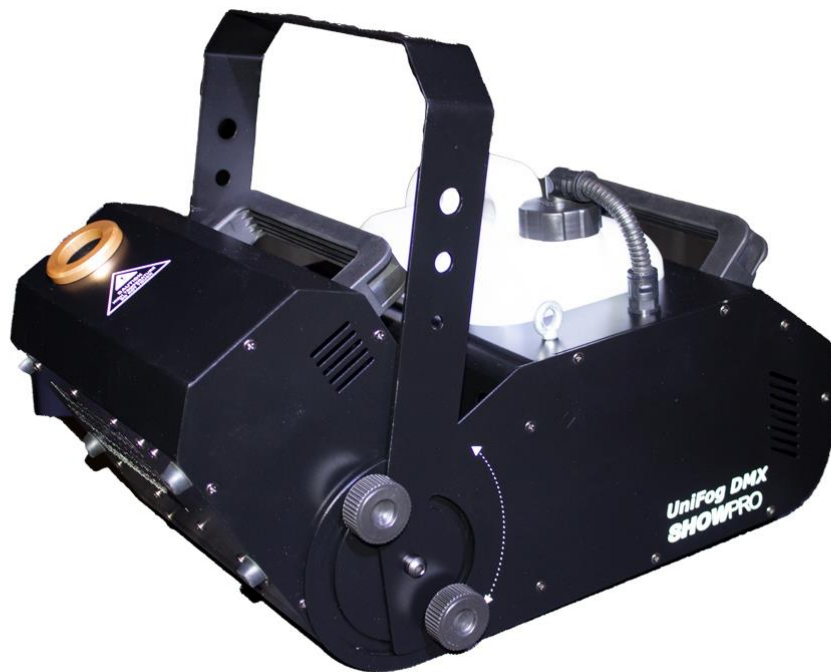


SHOWPRO

UniFog DMX



User Manual

1. Introduction

Thank you for choosing the UniFog DMX. We kindly suggest you read this manual carefully before using the unit.

Abiding by all the instructions will ensure long-term stable and satisfactory effects. Please follow the operation, safety, and maintenance instructions to ensure the machine operates normally and prolongs its usage life.

Important environmental information about this product

- Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling.
- This device should be returned to your distributor or to a local recycling service.
- Respect the local environmental rules.
- If in doubt, contact your local waste disposal authorities.
- Thank you for choosing this machine. If the device was damaged in transit, don't install or use it, and contact your dealer.

2. Product Information

The UniFog DMX is a well-designed smoke machine which allows the user to control the angle of the smoke output.

With on Board DMX 512 and wired or wireless control options supplied, the machine provides flexibility for permanent or mobile use.

This machine will operate on Jem Pro-Fog or ShowPro Fog fluids.

The maintenance cycle for the machine is 1-2 months. Method: 20% white vinegar plus 80% distilled water, and then work through the machine for 3-5 minutes after heating.

Only use Jem Pro-Fog (JEMJCE051) or ShowPro Fog fluids in this machine.

3. Notes Before Use

1. Place the smoke machine horizontally on a flat surface and check for any damage or leaks. If damaged, please contact your supplier at once. Loosen the lid of the fluid tank to pour in the high-quality smoke fluid, and then fasten the lid.
2. Before powering on, please verify that the supply voltage conforms with the rated voltage of the smoke machine. When the power is on, the indicator light will turn on, and the smoke machine will begin to operate once the heat up procedure is complete.
3. Upon powering up, it is normal if the smoke machine creates some smoke. Please be patient, the machine will need to be fully primed to output at full capacity.
4. Please ensure the smoke machine is used in a well-ventilated area. Don't place the machine in small, non-vented areas as the over-temperature protection will disable the machine from heating.
5. Never hang the smoke machine in areas where people could be under the machine. This will avoid any risk of injury.
6. Please ensure the fluid bottle is always full. This will avoid pump failure due to low fluid.
7. Never operate the smoke machine on low fluid or on an empty tank. If you need to prime the machine, please only use a short burst until the machine is fully primed. Holding the machine at full with no fluid will cause pump failure.
8. Never leave the smoke machine powered and unattended. Always keep clear of children as the output nozzle can get very hot.
9. Due to condensation, vapor or moisture might gather around the nozzle of the machine. There might be some surplus smoke ejected from the machine during operation or after shutdown.
10. Please make sure there is no liquid and metals inside the machine before turning on the power each time. Do not modify or repair the machine by yourself. If there are any problems, please contact the supplier.

4. Safety Instructions

- Do not touch the device during operation as the housing heats up.
- Keep this device away from rain and moisture.
- Unplug the mains lead before opening the housing.
- Damage caused by disregarding guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.
- A qualified technician should install and service this device.
- Do not switch the device on immediately after it has been exposed to changes in temperature.
- Protect the device against damage by leaving it switched off until it has reached room temperature.
- Make sure that the available voltage does not exceed the voltage stated in the specification of this manual.
- Do not crimp the power cord and protect it against damage. Have an authorized dealer replace it if necessary.
- Disconnect the device from the mains to clean it or when it is not in use. Handle the power cord by the plug only.
- Damage caused by user modification to the device is not covered by the warranty.
- Keep the device away from children and unauthorized users.

5. General Guidelines

- This device is designed for professional use on stage, in clubs, theaters, etc. The device should only be used indoors with an alternating current of max 230 V AC/ 50 Hz.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Select a location where the device is protected against extreme heat, dust and moisture.
- Familiarize yourself with the functions of the device before actually using it. Do not allow operation by unqualified people. Any damage that may occur will most probably be due to unprofessional use of the device.
- Use the original packaging if the device is to be shipped.
- All modifications to the device are forbidden for safety reasons.
- Only use the device for its intended purpose. All other users may lead to short circuits, burns, electroshocks, crashes, etc. Using the device in an unauthorized way will void the warranty.
- This device is not suitable for permanent operation. Frequent operation breaks will protect the life span of your smoke machine.

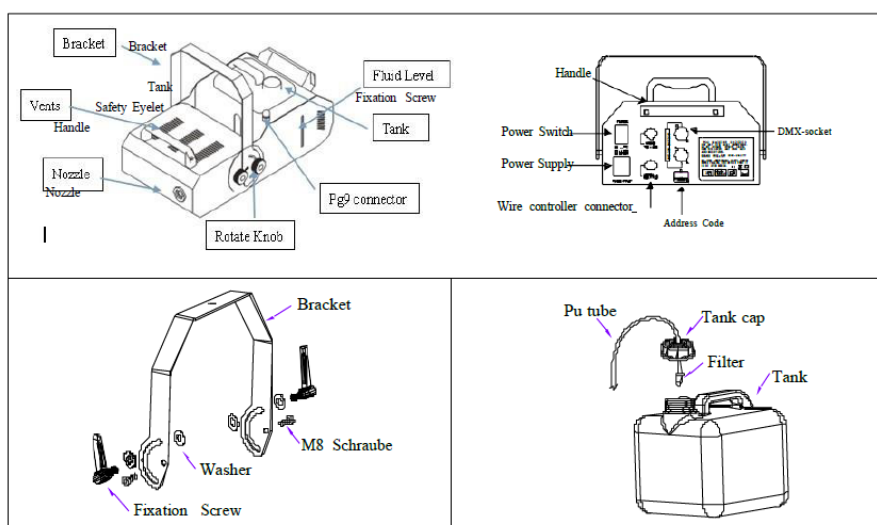
6. Installation

- Have the device installed by a qualified person, respecting local laws and EN 60598 -2-17.
- Never stand directly below the device when it is being mounted, removed, or serviced.
- Have a qualified technician check the device once a year at a minimum.
- Install the device in a location with few passers-by that is inaccessible to unauthorized persons.
- Adjust the desired inclination angle via the mounting bracket and tighten the bracket screws.
- Make sure there is no flammable material with a 50CM radius of the device. Connect the device to the mains with the power plug.
- The installation must be approved by an expert before the device is taken into service.

7. Use

- Add fluid carefully to the liquid tank. Do not overfill the tank.
- Plug the remote-control cord into the slot marked remote control on the back of the machine.
- Plug the power cord into an electrical outlet. Turn the power switch to "ON" on the back of the machine. The red light on the remote will turn ON. The unit will take around 6 minutes to warm up the heater. During this time the machine cannot generate smoke. The green light on the remote will turn ON once the machine is ready to produce smoke.
- For detailed instruction on the operating functions of your UniFog DMX, see the section titled "Remote Control Operation".

8. UniFog DMX Diagrams



9. Caution

Visibility during operation is reduced.

Important: Always monitor tank fluid level as you are fogging. Running any smoke machine with no fluid can permanently damage the unit.

10. Remote Control Operation

- D-2: 3-meter wired multi-function remote control with 5-PIN plug for the UniFog DMX.
- The Interval knob adjusts the time between discharges when the timer function is engaged. The range is from 1min to 30min.
- The Volume knob controls the volume of the fog produced. The range is from 0-100% of maximum output.
- Adjust the Duration control knob of each fog emission. The range is 1 to 20 seconds).
- The yellow TIMER button controls the timer function. Depress the button to activate. When activated, the yellow light will turn ON. Adjusting the interval knob will determine the time between fog output (1 - 30 min). The duration of the output is set at 20 seconds.
- The volume can be adjusted using the volume knob to control the amount of fog produced.
- The red CONTINUOUS button sets the machine to constant fog production. To activate this function, depress the red button. The volume knob can be used to regulate the volume of the steady stream of fog produced.
- The green MANUAL button will produce a continuous blast at maximum volume while the button is held down. When released, the manual function stops and the machine will return to the previous setting: timer, continuous, or stationary.
- **Note:** The continuous function will override the timer function. Therefore, if both buttons have been depressed the UniFog DMX will output continuously. The manual function overrides all functions. When depressed and held down the UniFog DMX will output at maximum volume for as long as the button is held down, regardless of the setting at the time.

11. Onboard DMX

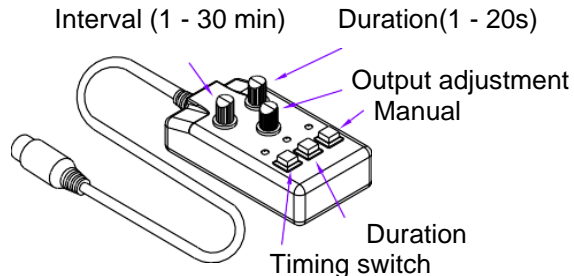
Channel A

250-255 MAX VOLUME
6-249 VOLUME CONTROL
0-5 OFF

D- 2 timing controller

Wire Length: 3 m connector: 5 - Pin XLR

Function: ON/ OFF, Set output interval, output time, output volume, force output



These models use 1 channel to control volume output operation. The channel has a value range of 0 to 255.

Timer functions such as duration and interval can be programmed using the DMX controller or the DMX control software being used by a lighting and effects operator.

If Channel A has a value between 0 and 5, the unit is OFF.

Between the values 6 and 249 the volume of fog output is regulated, with 6 being the minimum volume of fog produced and 249 approaching maximum. The volume output rises as the DMX value increases.

If Channel A has a value between 250 and 255, the machine will operate at maximum output.

Note: in the example above, if the machine were assigned the DMX address of 124, Channel A would correspond to DMX address 124.

In general, UniFog DMX conform to the following performance specifications:

- Each device occupies 1 channel. To ensure that the control signals are properly directed to each device, they require addressing. This is to be adjusted for every single device by changing the DIP-switches.
- The starting address is defined as the first channel from which the device will respond to the controller.

Please make sure that you do not have any overlapping channels in order to control each device correctly and independently from any other fixture on the DMX data link. If two, three or more devices are addressed the same, they will respond identically.

12. Product Warranty Instructions

Warranty period: free within one year (The warranty is valid from the date of purchase). Please keep a copy of your invoice for proof of purchase.

The warranty is void when:

- Incorrect fluid is used
- The device has physical damage
- The fault is caused by use in an incorrect environment
- The product has been altered
- The machine has been poorly maintained

Exclusions: Packaging materials, casing & bracket of the product and battery inside the wireless remote control.

We reserve the right of final explanation for the content of the warranty repair. If you require assistance, please contact the dealer.

13. Included Accessories

