



## LED Smoke 900



## PFX900SLED Instruction Manual



CAUTION - ATTENTION - VORSICHT

RISK OF ELECTRIC SHOCK- DO NOT OPEN  
RISQUE D'ELECTROCUTION - NE PAS OUVRIR  
STROMSCHLAGGEFAHR - NICHT OFFNEN



In Compliance with the following directives: RoHS Directive (2002/95/EU) and  
WEEE directive (2002/96/EU)  
If this product is no longer functional or reached the end of its usable life, please  
take it to an approved recycling plant.



# User Manual

## PFX900SLED

Dear Customer,

Thank you for purchasing the Perform FX PFXLOWFOG 1500. With decades of experience in design and production, Perform FX are one of the leading manufacturers of professional effects and lighting equipment. This fog machine has been designed and manufactured to the highest of standards, so you can be assured you have made a good investment.

For your safety and to ensure you make full use of all the features available, please make sure you read this manual in full.

### **Important Safety Advice:**

- You must read this manual in full before commencing operation.
- The machine should be operated by a responsible and competent adult only.
- Keep this manual in a safe place for future reference.
- Heed all warnings and instructions, both in this manual and on the product.
- Carry and transport this product with care.
- Impact to this machine or dropping may result in serious mechanical failure. The machine should not be used if it has been subjected to such incident.
- Turn off and unplug this machine from the mains supply when not in use.
- This machine is not water-proof and should not be used outside.
- In the event of any liquid entering the housing, unplug immediately & contact a qualified engineer.
- You must not attempt to modify this unit
- The manufacturer accepts no responsibility for injury or damage caused as a result of not following the manual provided.

### **Protection from Electric Shock:**

- Only connect this unit to a mains socket with suitable trip and RCD protection.
- To disconnect from the mains socket, always remove by the mains plug. Do not attempt to remove by pulling the mains cable.
- Disconnect the unit from the mains supply before cleaning. Cleaning should be carried out with a soft, dry cloth.
- Do not submerge or expose this machine to any liquid.
- Do not operate near exposed water or in high humidity.
- Choose a suitable route for mains cables, ensuring trip hazards are avoided and the mains cable is not at risk of being crushed.
- Do not open this unit to service. There are no user-serviceable parts inside. Any servicing or repairs should be carried out by a qualified engineer only. Any attempt to service or adapt this unit will leave your warranty void and could result in serious malfunction or injury.

### **Protection from Fire:**

- Do not place near sources of heat or ignition.
- Do not cover or block any ventilation holes.
- Check your AC wall socket will take the power you are applying to avoid overloading the mains supply.

## **Protecting Your Machine From Damage:**

- Always install in a suitable location where vibrations to the unit are avoided.
- Check this unit matches the mains voltage and frequency before plugging it in to your mains socket.
- In the event that any object or liquid enters the machine switch off immediately, remove from mains and consult a qualified engineer.
- Should you experience any malfunction or damage to the mains cable, disconnect from the mains supply immediately and consult a qualified engineer.
- All parts should be replaced with genuine spare parts and carried out by a qualified engineer.
- Do not add liquids of any kind, especially flammable liquids to this machine or its intended fluid. Use only water based fluid, specifically designed for effects machines.
- Use high quality water-based liquid, recommended by your dealer to reduce clogging.
- During operation ensure there is sufficient fluid in the tank. Operating without fluid will damage the pump.
- If your machine fails to work disconnect immediately, remove all liquid and return in original packing to your dealer.
- Always drain the fluid and water tanks before transporting.
- Follow the cleaning and maintenance advice in this manual.
- If your machine fails to work, disconnect immediately, remove all liquid and return in original packing to your dealer.

## **Danger of Injury or Burns:**

- For operation by adults only, ensure installation is away from the reach of children.
- Never leave the machine running unattended.
- Avoid all contact with the heater.
- Never aim the nozzle directly at people.
- Use only in a well ventilated area & do not cover the machine vents. In order to guarantee adequate ventilation, allow a free air space of at least 20cm around all sides of the machine.
- Effects fluids can cause irritation and injury, handle with care and keep out of the reach of children. Avoid contact with the eyes and skin, if this occurs rinse with warm water. If ingested call a doctor immediately.

## **Before Use:**

Before commencing setup check the machine has not been damaged in transit. In the event there is any damage to the housing, cable or internal components contact your dealer immediately.

## **Specifications:**

Code: PFX900SLED

Mains Supply: 240Vac 50Hz

Power: 900 Watts

Heat Up Time: 3 min

Dimensions: 330 x 200 x 230mm

Weight: 3.32kg

## **Features:**

- 900 watt heater.
- Amber LEDs
- 1L Fluid Tank.
- Wired remote control.
- Wireless remote
- Hanging Bracket



### Description:

The PFX900S LED is a powerful smoke machine that can be floor mounted or hung from truss.

1. **Heater Nozzle:** Smoke output, will get very hot do not touch.
2. **Fluid Tank:** Fill the fluid tank with standard fog liquid, do not spill the liquid as this could damage the electronics.
3. **Hanging Bracket:** Used to mount to truss, always use a safety wire.
4. **Liquid Level:** Fluid level reading, do not over fill.
5. **Wire Controller:** The wireless receiver plugs in here.
6. **Power Switch:** Used to turn the smoke machine on and off.
7. **Fuse Holder:** If this blows once, replace if the correct size fuse, if it blows again, there may be a problem with the machine, seek professional help from an engineer.
8. **Mains Lead:** Connect this to a suitable mains supply.
9. **Remote Control:** Connected to wired hand controller.
10. **LEDs:** Amber LEDs light up when the machine is outputting smoke.

## **First Time Operation Wireless Controller:**

- Before you start using this unit, please check there is no transportation damage, should there be any, please do not use the device and contact your dealer immediately.
- The PFX900SLED is designed to be used with water based fog liquid. NEVER OIL BASED.
- Put the smoke machine on a flat stable surface or hang from a suitable truss, make sure you use a safety wire. Make sure no one can put any body part close to the heater output
- Unscrew the Lid on the fluid bottle, fill up with a suitable fog liquid, do not to overfill. Screw the plastic cap back on and ensure the tank never runs dry during operation.
- Plug in the wireless receiver into the socket on the back labelled remote control.
- Connect the PFX900SLED to a suitable mains supply.
- When you first turn on the smoke machine you will need to wait for around 3-5 minutes for the heater to warm up. Then you will get access to the controls.
- Once heated the smoke machine can be controlled via the wireless remote control.

## **Overhead Rigging:**

The installation must be carried out by a qualified engineer only. Improper installation can result in injuries or damage to property. Overhead rigging requires experience, working loads should be adhered to and certified materials should be used. The installed device should be regularly inspected for safety.

- Make sure the working area is clear from people and obstructions during rigging, de-rigging and servicing.
- Locate the smoke machine in a well ventilated area away from flammable materials and liquids. The smoke machine needs to be 50cm away from surrounding walls and fixtures.
- The smoke machine should be installed out of reach of people and not where people are seated, walking or standing.
- When mounting make sure the installation point can take the weight.
- Make sure a safety chain or wire is always used and can take the weight of the smoke machine. The safety bond should not be used as a primary support.
- The machine should be well fixed and free from swinging.
- Do not cover any ventilation holes.
- Disconnect the power when the machine is not in use.
- The operator must make sure the smoke machine has been installed correctly to all the necessary guidelines before each use. The installation should be inspected every 6 months.

## **Maintenance:**

- Do not allow liquid to become contaminated. Always replace the cap on the liquid container immediately after filling.
- After every 40 hours of operation, or if the unit is not to be used for one month, It is recommended to run a cleaning solution of 20% clear vinegar and 80% distilled water through the system to prevent clogging in the heater. This should be carried out in a well-ventilated room.
- Always empty the fluid and water tanks after every use. Use a dry cloth to wipe down the outside of the fog machine. Make sure the power cable is disconnected from the mains supply.
- Make sure the mains cable is in impeccable condition and should be replaced when a small defect is detected.
- All other maintenance should be carried out by a qualified engineer.