

# USER'S MANUAL

## SWEFOG ULTIMATE II

This manual is for the model Ultimate II, item no:

12 200-240 (standard model 240V 50Hz only)

12 201-240 (DMX model 240V 50Hz only)

12 200-120 (standard model 120V 60Hz only)

12 201-120 (DMX model 120V 60Hz only)



### Safety precautions:

This machine is intended for professional use only, in well ventilated areas, handled by personnel with great experience with smoke appliances.

- Use Swefog Ultimate C- or CXL fluid only.
- NEVER mix or dilute the fluid.
- Use indoor only.
- Connect to mains outlets with earth lead.
- Never cover vents on machine housing.
- NEVER use dimmers for power control.
- Do not service any inside parts by yourself. Pls. contact Swefog if machine need service.
- Do NOT overfill. Never switch machine on if fluid level is above the "max" -mark.

- NOTE: The haze may condensate, and make floors and stairs slippery. Do NOT direct the haze output towards cool or hard surfaces like wood, metal, plastic, glass etc. Wipe fluid spillage off.
- ALWAYS ensure that the haze and / or the machine not will cause any inconvenience or hazard for personal injury.
- **WARNING ! Haze residues & fluid spillage may be dangerous. A slippery floor can cause serious personal injury !**

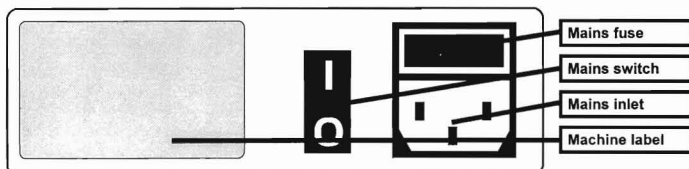
### CE-conformity (230V models only):



We, Swefog, declare that the appliance described in this manual conforms with the EEC machine directive. Complete documents may be required from Swefog.

### OPERATION (standard model without DMX):

- Place the machine on a level surface.
- Connect mains cable to a suitable mains outlet with earth lead. [120V min 10A], [230V min 5A].
- Switch the machine ON (set mains switch to "1")



### Replacement of mains fuse (ALL models):

- Disconnect the machine from mains.
- Work the fuse holder out with a screwdriver
- Replace the blown fuse with a new of the same type. NOTE: Replace only with the correct type 5x25mm:  
120V models: 8 Amp. slow blow.  
230V models: 4 Amp. slow blow.

### Transport & storage of the machine:

- Always keep the machine upright, in a level position. If not, fluid will leak out. If there is a leakage, clean the machine carefully before use.
- Do not store the machine in temperatures below 0 C/ -32 F

### Haze residues & fire alarms:

The haze consists of very small particles of the oil-based fluid. Always be aware of residues. Do not place equipment close to the haze output. Be extra careful with fan ventilated equipment (i.e. amplifiers, scanners etc.).

Under normal circumstances, the haze will not trigger off ionizing-type fire alarm sensors, but it may trigger off optical-type sensors. Always check the fire alarm system before use.

### Manufacturer:

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MSDS / information on all Swefog smoke & haze fluids is available to download from the internet: [www.swefog.com](http://www.swefog.com).

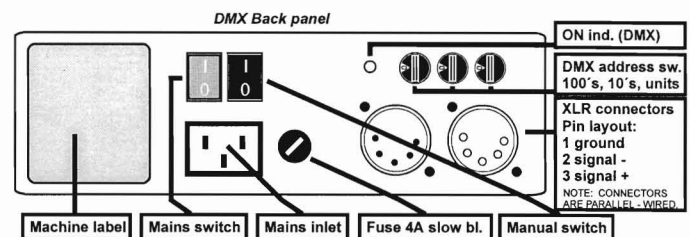
### OPERATION (DMX model):

- Place the machine on a level surface.
- Connect mains cable to a suitable mains outlet with earth lead. [120V min 10A], [230V min 5A].

ON / OFF is able to control with DMX, but the machine is also able to switch ON & OFF manually. The DMX control consumes one channel only, and reads all channels between 1 and 255. The machine is ON at level 77 (approx. 30%). To avoid problems when DMX control is used, follow the steps below:

- Machine must be OFF (red switch in "0" position).
- For manual control, set manual (black) switch in ON ("1") position. For DMX control, set it to OFF("0") position.
- Connect DMX cable to the XLR connector.
- Set a DMX address between 1 and 255.
- Switch machine ON (set red mains switch to "1")
- Machine will start at DMX level 77 (appr. 30%).

NOTE: Always switch the machine off before changing the DMX address.



### Service & maintenance:

Contact your dealer if the machine needs service. Always keep the machine clean. Wipe off fluid spillage. A special service manual is available.

All Ultimate models are equipped with the EasyClean system, which facilitates easy and troublefree service of the nozzle unit. Service procedures are described in the service manual.

NOTE: Serve your machine by yourself ONLY if you have the experience, know-how and the right tools to do it ! Warranty will not cover malfunction or damages due to improper service work!!

Your dealer is able to help you with all kind of service.