

USER'S MANUAL

SWEFOG ULTIMATE III

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

12 300-240 (standard model 240V 50Hz only)

12 301-240 (DMX model 240V 50Hz only)

12 300-120 (standard model 120V 60Hz only)

12 301-120 (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.
- Use Swefog tubes only, max. length 10m (40 ft.)
- NEVER mix or dilute the fluid.
- Use indoor only, use 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.
- The compressor unit can be very hot when it is used for a long time. Do not touch the air tube fitting at the compressor's outlet!
- **WARNING ! Haze residues & fluid spillage are dangerous. A slippery floor may 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.

Operate as as one unit:

- Ensure both butterfly catches are locked.
- Connect the short electric cable & air tube between the compressor and haze unit.

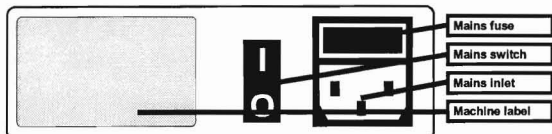
Operate as separate units:

- Unlock the butterfly catches (front / back), lift the haze unit straight up.
- Connect an extension electric cord and an air tube between haze & compressor units. Use original tubes only, max length is 10m / 40ft.

Follow the steps below. If the machine is DMX-able, see "Operation (DMX model)". If not, see "Operation (standard model without DMX)".

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].
- Connect the power cable between compressor and haze unit.
- Connect the tube between compressor and haze unit. NOTE: Use Swefog tubes only. Max length is 10 m (40 ft.)
- 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 one of the same type. NOTE: Replace only with the correct type, 5x25mm. **Compressor unit fuse values:** [120V: 8 Amp], [240V: 4 Amp]. **Haze unit fuse values:** [120V: 1 Amp], [240V: 1 Amp]. **All fuses are slow blow type!**

Transport & storage of the machine:

- Always keep the haze unit 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. But to be sure, always check the fire alarm system before use.

Manufacturer:

SWEFOG, Östra Vägen 6, P.O. Box 106, 682 23 FILIPSTAD, Sweden.
Tel: +46 590 122 00 Fax: +46 590 122 09. e-mail: info@swefog.com

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

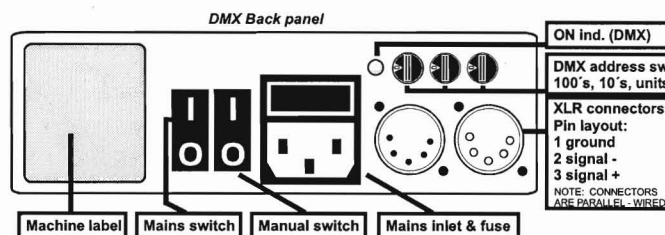
OPERATION (DMX model):

- Place the machine on a level surface.
- Connect mains cable to a suitable mains outlet with earth lead. Fuse values are: [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" pos).
- For manual control, set "manual" (black) switch in ON ("1") position. For DMX control, set switch 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. Use original spare parts only!

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.