Congratulations to the purchase of this machine . Please read this manual thoroughly prior to using the product in order to benefit fully from all features.

Read the manual prior to using the product. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.

* Prior to using the product, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
* The unit contains voltage carrying parts. Therefore do NOT open the housing.
* Do not place metal objects or pour liquids into the product. This may cause electrical shock and malfunction.
* Do not place the product near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
* The product is not suitable for continuous use.
* Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
* When unplugging the product from a mains outlet, always pull the plug, never the lead.
* Do not plug or unplug the unit with wet hands.
* If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
* If the product is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the product on. Contact your dealer. Do NOT connect the product to a rheostat or dimmer.
* To avoid fire and shock hazard, do not expose the product to rain and moisture.
* All repairs should be carried out by a qualified technician only.
* Connect the product to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
* During a thunderstorm or if the product will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
* If the product has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the product in humid rooms or outdoors.
* During operation, the housing becomes very hot. Do not touch it during operation and immediately after.

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channel to which the machine will respond to. Check that there are no overlapping channels used!

**OPERATON…………………………………■**

Place the unit on a flat, stable surface which must not be tilted more than 10°

Fill the tank up to the marking with a good quality bubble fluid

Switch the unit on via the ON/OFF switch on the rear side.

Switch the unit off after use and unplug it from the mains if it will not be used for a long period of time.

Rinse the unit regularly with clean water.

**REPLACING THE FUSE ……………………………■**

If the fuse is defective, replace the fuse with a fuse of the same type and value. Before replacing the fuse, unplug mains lead.

**Procedure:**

Step 1: Open the fuse holder on the rear panel with a fitting screwdriver.

Step 2: Remove the old fuse from the fuse holder.

Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing.

**FIXTURE CLEANING………………………………………■**

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit’s optics.

Make sure the area below the installation place is free from unwanted persons during servicing

Housings, fixations and installations spots( ceiling, truss, suspensions) should be totally free from any deformation

The mains cables must be in impeccable condition and should be replaced immediately when even a small problem is detected.

In order to protect the fixture from overheat the cooling fans( if any) and ventilation openings should be cleaned monthly.

The interior of the fixture should be cleaned annually using a vacuum cleaner or air-jet.

Clean with soft cloth using normal glass cleaning fluid.

Always dry the parts carefully.

Clean the external optics at least every month. Clean the internal optics at least every 30/60 days.

**TTENTION:** We strongly recommend internal cleaning to be carried out by qualified worker!

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1. **LED Sync Set Yes/No**

Adjust the LED mode. Yes=LEDs work together with the smoke output, NO=LEDs are always on.

**TIMER CONTROL…………………………………■**

Press the Timer key to activate the timer function. The display shows the adjusted interval and the device counts the seconds down to "0". After that, the fog emission is triggered at the volume adjusted under "Volume Out". The duration depends on the settings adjusted under "Duration Set". If you wish to deactivate the timer function, press the Timer key once more.

**Manual control (locked)**

Press the Lock button for immediate triggering of the fog emission at the volume adjusted under "Man Volume". Press the lock button more in order to stop the fog emission.

**Manual control (100% output)**

Press the Manual key for immediate triggering of the fog emission at 100 % volume. Let the Manual key loose in order to stop the fog emission.

**DMX-512 CONNECTION …****…………■MX-512NECT**

If you are using a standard DMX controller, you can connect the DMX-output of the controller directly to the DMX-input of the first unit in a DMX-chain. Always connect the output of one unit with the input of the next unit until all units are connected.

If you use a controller with 5 pin DMX connection you will need to use a 5-pin to 3-pin adapter.

At the last fixture, the DMX cable has to be terminated. Solder a 120 Ohm resistor between signal (-) and signal (+) into a 3-pin XLR connector and plug this into the DMX output of the last fixture in the chain.

**DMX Control**

Connect the machine directly to a DMX controller or a DMX loop with multiple DMX effects. The machine uses a 3-pin XLR connector for DMX connection.

**Address Setup:**

Press the MODE button a number of times until Add appears on the display, with the UP / DOWN buttons the start address may be set. The start address is defined as a first

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* To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
* Secure the product with an extra safety chain if the unit is ceiling mount. Use a truss system with clamps. Make sure nobody stands in the mounting area. Mount the effect at least 50cm away from inflammable material and leave at least 1 meter space on every side to ensure sufficient cooling.
* This product contains high intensity LEDs. Do not look into the LED light to prevent damage to your eyes.
* Do not repeatedly switch the product on and off. This shortens the life time.
* Keep the unit out of the reach of children. Do not leave the unit unattended.
* Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
* Only operate the product with clean hands.
* Do not force the controls.
* If the product has fallen, always have it checked by a qualified technician before you switch the product on again.
* Do not use chemicals to clean the unit. They damage the varnish. Only clean the product with a dry cloth.
* Keep away from electronic equipment that may cause interference.
* Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
* Switch the product off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the product.
* Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
* The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this product.
* Keep the original packing material so that you can transport the product in safe conditions

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This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.

This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

**DO NOT LOOK DIRECTLY INTO THE LENS**. This can damage your eyes. Persons who are subject to epilepticattacks should be aware of the effects that this light effect may have on them.

The product has been certified CE. It is prohibited to make any changes to the product. They would invalidate the CE certificate and their guarantee!

**NOTE:** To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and35°C/95°F.

Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

prior notice.

*Do not attempt to make any repairs yourself. This would invalid your warranty. Do not make any changes to the product. This would also invalid your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. we cannot be held responsible for personal injuries caused by a disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.*

**PACKING INSTRUCTION.……………………………■**

**CAUTION!** Immediately upon receiving the product, carefully unpack the carton, check the contents to ensure that all parts arepresent, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damage from shipping or the package itself shows signs of mishandling. Save the package and all packing materials. In the event that the product must be returned to the factory, it is important that the product be returned in the original factory box and packing.

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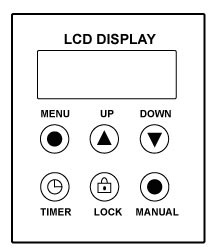
If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

**POWER SUPPLY ……………………■OWERSUP**

On the label on the backside of the product is indicated on this type of power supply must be connected. Check that the mains voltage corresponds to this, all other voltages than specified, the light effect can be irreparably damaged. The product must also be directly connected to the mains and may be used. No dimmer or adjustable power supply.

Always connect the device to a protected circuit (circuit breaker or fuse). Make sure the device has an appropriate electrical ground to avoid the risk of electrocution or fire.

**DISPLAY…………………………………………■**

Via the Menu key, you can adjust the desired settings. After pressing the menu, the display shows the following settings:

1. **Man Vol Out xxx%.**

Adjust the manual volume output within the range of 0% to 100% by means of the Up/Down keys.

1. **Interval Set xxxS**

Adjust the interval between each fog emission

within the range of 1 to 100S by means of the Up-/Down keys.

1. **Duration Set xxxS**

Adjust the duration of each fog emission within the range of 1 to 100S.

1. **Volume Out xxx%**

Adjust the volume output during the timer function withing the range of 0-100%

1. **DMX 512 #xxx**

Adjust the DMX address for DMX control.

1. **Wind For Class xx it’s Fan speed**
2. **Angel Set xx%** NO FUNCTION for this model.
3. **LED Pro Set xx**

Adjust the LED program within the range of 0 to 11.

1. **LED Spe xxx**

Adjust the LED speed/strobe/fade of the LED program mode

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**DMX CHANNELS………………………………………■**

|  |  |  |  |
| --- | --- | --- | --- |
| Channel | Function | Value | Description |
| 1 | Smoke | 000-255 | Output 0-100% |
| 2 | Fan | 000-255 | 0 OFF- 1to255 ON |
| 3 | Dimming | 000-255 | Master 0-100% |
| 4 | Color | 000-255 | Red 0-100% |
| 5 | 000-255 | Green 0-100% |
| 6 | 000-255 | Blue 0-100% |
| 7 | Strobe | 000-255 | Slow to fast |
| 8 | Auto | 000-255 |  |

**Technical Parameter**

Power: 2000W

LED: 18X3W 3in1

Voltage: AC 110V 50/60Hz

Warm-up time: 6 minutes

Capacity of tank : 2 liter

DMX channels: 8

Fuse: 8A

Control mode: DMX 512 , LCD and wireless remote control

Weight: 12kg

Size : 64\*46\*40cm

**2000W FOG BUBBLE MACHINE**

**USER MANUAL**



Please read this manual carefully before using