EVENT LIGHTING

BUBFOGFX

HYBRID BUBBLE & FOG MACHINE

USER MANUAL

For safety, please read this user manual carefully before initial use.

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

SAFETY INSTRUCTIONS

WARNING

PLACEMENT

- Place the machine **at least 100 cm (3.3 ft) away** from flammable materials (curtains, books, etc.).
- Ensure the housing **cannot be touched accidentally**.

FLUID USE

- Use **only recommended fog & bubble fluid** (poor-quality liquid can cause damage, clogging, or spitting).
- **Never add flammable fluids** (oil, gasoline, perfume) to the fog liquid.
- **Always keep enough liquid in the tank**—running the machine dry will damage the pump and heater.

VENTILATION

- Do **not obstruct** the openings on top of the case.
- Do **not place objects** on the fog machine.
- **For indoor use only**.

INSTALLATION & SAFETY

- **Do not stand beneath** the unit during installation.
- Have the unit inspected by a **qualified technician** before first use.
- **Do not open the device**—it contains high-voltage parts.
- **Never plug/unplug with wet hands**.
- If the power cord or plug is damaged, **do not use**—have it repaired by a technician.
- If internal parts are exposed, **disconnect immediately** and seek repairs.
- **Only connect to a grounded outlet** (220–240V AC, 50Hz).
- **Unplug during thunderstorms** or when not in use.
- If unused for long periods, **allow the unit to reach room temperature** before use (condensation risk).
- **Always pull the plug** (not the cord) when disconnecting.

- **SAFETY FASTENING**

- Use a **safety chain or steel cable** (separate from the mounting bracket) to prevent falls.
- The **supplied bracket is mandatory** for secure installation.
- Comply with **local safety regulations** for public venues.

- **ADDITIONAL SAFETY**

- **Do not stare directly** at the LED light.
- **Keep out of reach of children**.

INSTALLATION & USE

1. **Placement**
   - Set the unit on a **flat surface** with **≥50 cm (20 in) of open space** around it.

2. **Fill Fluid Tank**
   - Use **only original bubble & fog liquid** (environmentally friendly, no residue).

3. **Power On**
   - Plug into a **grounded outlet** and turn the switch to **"ON"**.
   - The LED display will show **"Warming up"** → **"Ready"** (after a few seconds).

4. **Adjust Settings**
   - Use the **LCD panel** to select operating modes (see *Operating Instructions* below).

5. **Power Off**
   - Switch to **"OFF"**, then unplug the cord.

6. **Transportation**
   - **Empty the tank** using the drainage valve tube before moving.

OPERATING INSTRUCTIONS

LCD MENU SETTINGS

Setting	Range	Function
Man Vol Out	0–100%	Manual output volume adjustment.
Interval Set	1–100 sec	Delay between fog emissions.
Volume Out	0–100%	Output volume during timer mode.
DMX 512 #xxx	1–512	DMX address for controller compatibility.
Wind For Class	0–10	Manual wind speed adjustment.
LED Pro Set	0–11	Select LED lighting program.
LED Speed	0–100%	Adjust LED strobe/fade speed.
LED Sync Set	Yes/No	Sync LEDs with fog output (Yes) or always on (No).
Temper Max	110–400°C	Heating element temperature control.
Bubble Set	0–10	Bubble wheel speed adjustment.
Down Fan Set	0–10	Downward fan speed.
Motor Set	0–10	Main motor speed control.

TIMER CONTROL

- Press **Timer** to activate. The display counts down the set interval, then triggers fog at the preset volume/duration.
- Press **Timer again** to deactivate.

MANUAL CONTROL

- **Manual Key**: Press for **100% immediate fog output**; release to stop.
- **Lock Switch**: Press to emit fog at the preset **"Volume Out"** level; press again to stop.

DMX CONTROL

- Connect via **3 & 5-pin XLR** to a DMX controller or loop.
- **Set Address**: Press **MODE** until "Add" appears, then use **UP/DOWN** to assign the start channel (ensure no overlap).

DMX CHART

DMX Channel	Function	Address Information
DMX Channel 1	Bubble Mode	000 OFF - 100% Adjustable
DMX Channel 2	Fog and Bubble Mode	000 OFF - 100% Adjustable
DMX Channel 3	Fog Mode	000 OFF - 100% Adjustable
DMX Channel 4	Fan Speed Adjustable	000-024 → OFF, 025-255 → Fan speed from slow to fast
DMX Channel 5	Dimmer	000-000 → No Function, 001-255 → 0-100% black to light
DMX Channel 6	Red LED	100-000 → No Function, 200-255 → 0-100%
DMX Channel 7	Green LED	100-000 → No Function, 200-255 → 0-100%
DMX Channel 8	Blue LED	100-000 → No Function, 200-255 → 0-100%
DMX Channel 9	White LED	100-000 → No Function, 200-255 → 0-100%
DMX Channel 10	Strobe	000-002 → LED OFF (NO STROBE), 0033-255 → Strobe Effect SLOW to FAST
DMX Channel 11	Color Macro Speed	000-002 → No Function, 003-255 → Speed Slow to Fast

WIRELESS REMOTE

A: ON/ OFF

B: ON / OFF

C: Output Volume Up

D: Output Volume Down

MAINTENANCE

FLUID REFILL INSTRUCTIONS

1. **Power Off**:
   - **Unplug the machine** from the mains before refilling.

2. **Refill Tank**:
   - Unscrew the reservoir cap and use a **funnel** to add fluid.
   - **Use only original fog & bubble liquid** (environmentally friendly, biodegradable, residue-free).

3. **Prevent Contamination**:
   - Ensure the **liquid container cap is closed tightly** after filling.
   - Avoid letting dirt or foreign substances enter the tank.

CLEANING PROCEDURE

Required Every 40 Hours of Use (prevents deposits in pump/heater):

1. **Prepare**:

    - Perform cleaning in a **well-ventilated area**.
    - Drain all fog liquid from the tank.

2. **Add Cleaning Solution**:

    - Fill the tank with a **recommended cleaning solution** (or distilled water if specified by the manufacturer).

3. **Run Cleaning Cycle**:

    - Plug in and power on the machine. Wait for it to **warm up fully**.
    - Activate the pump to cycle the solution through the system (press the manual fog button or follow model-specific instructions).

4. **Flush System**:

    - Repeat until the tank is **empty**.

5. **Refill with Fog Liquid**:

    - Fill the tank with fresh **fog fluid** before next use.

SPECIFICATIONS

Input Voltage	220~240V AC / 50Hz
Tank capacity	1 x 2.3L (Fog Tank); 2 x 2.3L (Bubble Tank)
Heating element	900W
No. of colours	4 (Red, Green, Blue, White)
Light Source:	48 x 3W RGBW LEDs
DMX channels	11
DMX	Standalone mode
DMX Interface	3–pin/5-pin XLR in/out
Controller	Control panel with LCD display / Re-mote
Package Dimensions	425 x 490 x 510 mm
Weight	12.8KG

Warranty

Please refer to your local dealer or contact Event Lighting Pty Ltd