

## Bubble Fluid

| Description     | Results   | Bottle Volume | Item Reference | Suitable for use with   |
|-----------------|---|---------------|----------------|---|
| Bubble fluid    | Lightweight bubbles that last longer              | 1 Litre       | 160.574UK      | All makers of bubble machines: QTX LIGHT FX machines: 160.562UK 160.573UK 160.571UK 160.570UK |
| UV bubble fluid | Lightweight bubbles that glow when under UV Light | 5 Litre       | 160.575UK      |   |
|                 |   | 1 Litre       | 160.576UK      |   |
|                 |   | 5 Litre       | 160.577UK      |   |

## Snow Fluid

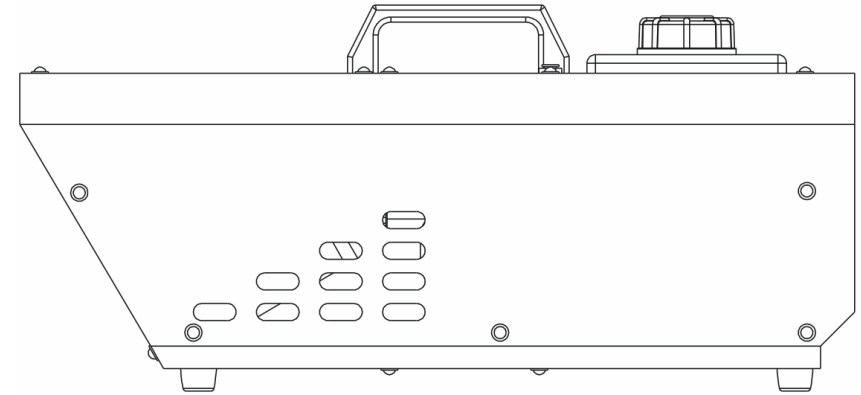
| Description | Results   | Bottle Volume | Item Reference | Suitable for use with:  |
|-------------|---|---------------|----------------|---|
| Snow Fluid  | High quality snow lasts 30% longer than other standard fluids | 1 Litre       | 160.578UK      | QTX LIGHT FX Snow machine 160.568UK and all other makers of snow machines |
|             |   | 5 Litre       | 160.579UK      |   |

## Smoke Fluid

| Description              | Fluid Colour | Results                             |         |           | Bottle Volume | Item Reference | For use with:  |
|--------------------------|--------------|-------------------------------------|---------|-----------|---------------|----------------|--|
|                          |              | Dispersion                          | Density | Stability |               |                |  |
| Standard smoke fluid     | Yellow       | Quick                               | Light   | Low       | 1 Litre       | 160.643UK      | QTX LIGHT FX Smoke machines: 160.452UK 160.543UK 160.449UK 160.428UK 160.429UK 160.430UK and for all makers of smoke machines, (for best results use any machine up to 900W) |
| High grade smoke fluid   | Orange       | Slow                                | Medium  | Good      | 5 Litre       | 160.582UK      |  |
|                          |              |                                     |         |           | 1 Litre       | 160.587UK      |  |
|                          |              |                                     |         |           | 5 Litre       | 160.588UK      |  |
| High quality smoke fluid | Pink         | Slow                                | High    | Good      | 1 Litre       | 160.644UK      | QTX LIGHT FX Smoke machines: 160.455UK 160.437UK 160.446UK and for all other makers of smoke machines, (For the best results use with machines between 1000 - 5000W)         |
| Premium smoke fluid      | Clear        | Slow                                | V. High | V. Good   | 5 Litre       | 160.583UK      |  |
|                          |              |                                     |         |           | 5 Litre       | 160.589UK      |  |
| Smoke machine cleaner    | Clear        | Longer life from your smoke machine |         |           | 20ml          | 160.670UK      | All smoke machines   |

## Haze

| Description             | Fluid Colour | Results    |         |           | Bottle Volume | Item Reference | For use with:  |
|-------------------------|--------------|------------|---------|-----------|---------------|----------------|--|
|                         |              | Dispersion | Density | Stability |               |                |  |
| High quality haze fluid | Clear        | Slow       | High    | Good      | 1 Litre       | 160.590UK      | QTX LIGHT FX Haze machines: 160.451UK 160.454UK and any other maker of heater type Haze Machines |
|                         |              |            |         |           | 5 Litre       | 160.591UK      |  |



# HAZER-FX900

## Smoke Machine User Manual

160.454UK

**Hazer FX-900 Haze Machine – For indoor use only**

**Caution! Please read this manual carefully before operating! Damage caused by misuse is not covered by the warranty!**

**1. General Introduction :**

This haze machine produces a fine mist compared to regular smoke machines enhancing light effects without producing a thick cloud of smoke. The unit features MIRROR piping patent technology to reduce the rate of jamming and a special microcomputer temperature control system to preserve a high temperature for a longer time. It also comes with a timer output control and built-in 1 channel DMX, making it suitable for a wide variety of applications such as nightclubs, laser shows, mobile DJs and theatres.

**Features :**

- 10,000 Cu Ft (283m<sup>3</sup>) per minute
- Anti - jamming pipe technology
- Intelligent microcomputer keeps the temperature high
- Illuminated tank to show when the machine is ready
- Removable tank for easy maintenance
- 1 Channel DMX
- Supplied with timer remote control

**14. Technical specification :**

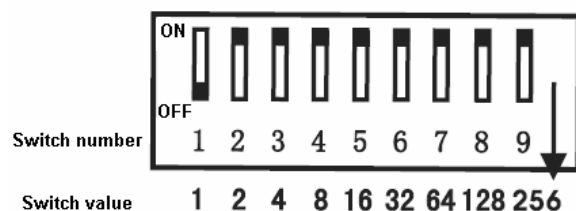
|                      |  |
|----------------------|--|
| <b>Power supply</b>  | 230Vac, 50Hz                                 |
| <b>Fuse</b>          | F5A  |
| <b>Power</b>         | 900W   |
| <b>Re-heat time</b>  | 4 min (approx)                               |
| <b>Smoke Output</b>  | 10,000 Cu Ft (283m <sup>3</sup> ) per minute |
| <b>Tank capacity</b> | 1.2 Litres                                   |
| <b>Dimensions</b>    | 220 x 205 x 490mm                            |
| <b>Weight</b>        | 7.1kg  |

**15. Disposal :**

Please disposal of the unserviceable device according to the current statutory requirements.

**13. DMX controlling:**

| DMX channel | DMX Scale | Detail function  |
|-------------|-----------|------------------|
| CH 1        | 000 - 005 | 0% Output        |
|             | 006 - 255 | 5% - 100% Output |

**Dip Switch addressing**

To set the DMX address please see the example table below and for more details visit the QTX website [www.qtxlight.com](http://www.qtxlight.com)

(Note: 1 = On, 0 = Off)

| DMX Address | DIP Switches |    |    |    |    |    |    |     |     |
|-------------|--------------|----|----|----|----|----|----|-----|-----|
|             | 1            | 2  | 4  | 8  | 16 | 32 | 64 | 128 | 256 |
| 1           | 1            | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   |
| 2           | 0            | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   |
| 3           | 1            | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   |
| ...         | ..           | .. | .. | .. | .. | .. | .. | ..  | ..  |
| 410         | 0            | 1  | 0  | 1  | 1  | 0  | 0  | 1   | 1   |

**2. Package Contents :**

Please check the contents to ensure that the product has been received in good condition.

|                                  |                       |
|----------------------------------|-----------------------|
| Hazer FX-900 Haze Machine x 1pcs | User's Guide x 1pcs   |
| Power Cord x 1pcs                | Remote control x 1pcs |

If you find any accessory is missing or the machine has arrived with any problems, please contact your local dealer at once. Do not try to fix this item yourself or you will lose the warranty. Please keep the original package and invoice for any possible replacement or returned demand.

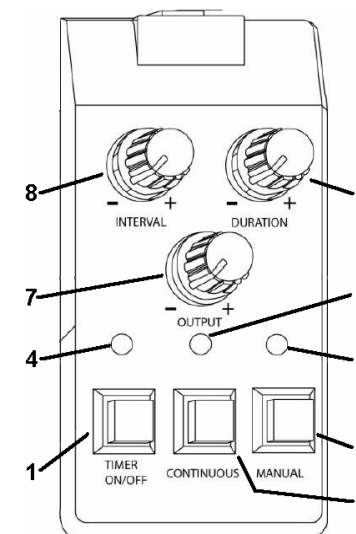
**3. Recommended Fluid:**

For the Hazer-FX900 haze machine we strongly recommend the following fluids which have been specifically formulated to perform best in any smoke machines with a power rating up to 900W

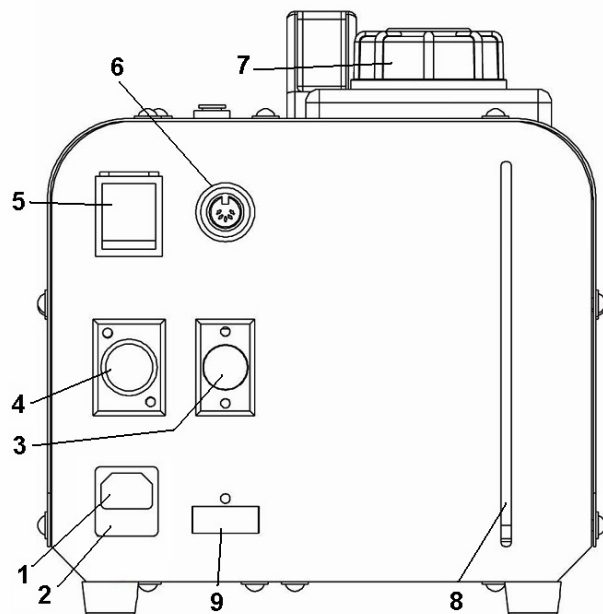
| QTX Ref Code | Description                          | Size    | Results         |
|--------------|--------------------------------------|---------|-----------------|
| 160.590UK    | High quality professional Haze fluid | 1 Litre | High quality    |
| 160.591UK    |                                      | 5 Litre | ultra fine mist |

**4. Setup :**

1. Unpack the fog machine
2. Unscrew the top cap of the tank and remove to fill with the recommended smoke fluid
3. Replace the bottle and screw the cap securely ensuring the pipe is fed down to the bottom of the bottle so a consistent flow of fluid is supplied to the machine
4. Connect the remote control
5. Connect the IEC mains plug and power up
6. Heat up time is usually between 3-6 minutes. Please ensure no button is pressed during the heat up time. When the machine is ready the LED light on the remote control will illuminate
7. Press the button on the remote control for 5 seconds so the fluid has a chance to flow through the heater block making it ready to use..
8. After this you will be able to use the smoke machine. It is recommended to produce smoke with small pauses in between so that the temperature is maintained and the thermostat doesn't switch off.

**12. Timer controller:**

- 1) Timer on/off button
  - 2) Continuous output
  - 3) Manual override button
  - 4) Timer LED indicator (Illuminated when timer active)
  - 5) Manual ready indicator
  - 6) Continuous LED indicator (Illuminated when continuous active)
  - 7) Adjust the amount of Haze / Smoke is released (between 0 – 100%)
- NOTE:** The below controls are only used when in timer mode
- 8) Adjust the interval gap between each release of Haze / Smoke (between 0 – 30 Min approximately)
  - 9) Adjust the duration the Haze / Smoke is released at each interval (between 0 – 15 seconds approximately)

**11. Rear Layout:**

- 1) IEC Power socket
- 2) Fuse holder
- 3) DMX IN
- 4) DMX Out
- 5) Power switch On/Off
- 6) Remote control
- 7) Fluid tank
- 8) Fluid level
- 9) DMX Address

**5. Mounting instruction :**

The fixture may be mounted in any position provided there is adequate room for ventilation and the fluid can not leak.

It is important never to obstruct the front of the machine, fan or vents pathway. Mount the fixture using a clamp.

Adjust angle of the fixture loosening both knobs and tilting the fixture. After finding desired position, re-tighten both knobs.

When selecting installation location, take into consideration refilling the tank and routine maintenance. Safety cables must always be used.

Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperatures changes or restricted ventilation.

**6. Caution! To prevent Mortal Electrical Risk and Long Life Operation :**


For your safety, please kindly pay attention to all of the warnings listed below:

- Always plug in the power plug last and disconnect from the mains when the device is not in use or before cleaning.
- Do not install and operate the device in rain or extreme heat, moisture or dusty environments.
- This device is for indoor use only and in a dry environment.
- Do not switch on immediately but wait until it reaches to room temperature if the device has been exposed to drastic temperature fluctuations.
- Do not shake the device and avoid brute force when installing or operating
- Do not use the device during thunderstorms and please disconnect the power.

- Do not use solvents or aggressive detergent to clean the device. Use a soft and clean cloth.
- Do not modify the device or the connected power cord without authorization.
- Use appropriate safety-rope for safety.
- Clean the machine regularly using water or smoke cleaning fluid (160.670)

## 7. Connect with power supply - The ground wire must be connected :

Use the plug to connect to the main power supply as following.

| Wire          | Connection | International signal  |
|---------------|------------|---|
| Brown         | Live       | L   |
| Blue          | Neutral    | N   |
| Yellow /Green | Earth      |  |

## 8. Quick Trouble Shooting :

### If the unit is not functioning properly

- 8.1 Check if main power is on and fuse hasn't blown
- 8.2 The remote control is plugged in correctly in to the socket
- 8.3 Check there is fluid in the tank
- 8.4 Check that the pipe is pushed down to the bottom of the tank
- 8.5 Check the correct fluid has been used.
- 8.6 If there is a block use distilled water or smoke machine cleaning fluid.

## 9. Replacing Fuse :

Disconnect from the main power supply first, then remove the fuse holder above the IEC Socket to reveal the fuse. Replace the correct fuse rating as stated on lighting or user guide. Then, lock the fuse holder cover back into place.

## 10. General Maintenance :

To maintain optimum performance and minimize wear, the item should be cleaned frequently. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned after use to avoid dust build-up and blockages. Which can result in poor performances, overheating and breakages. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean the external case when the fixture is cold with a dry cloth or tissue, and drag dirt and grime to the outside case.

To ensure a continuing high performance it is recommended to use water or smoke cleaning fluid (160.670) to clean the internal workings. Simply empty the tank of any smoke fluid. Fill with water or smoke cleaning fluid then operate two full cycles to clean the internal pipes this should be done once every 2 months to ensure continuing high performance