

Bubble Fluid

Stock Code	Volume	Description	Results	For use with:
160.574UK	1 Litre	Bubble fluid	Light bubbles that last longer	160.562UK 160.573UK 160.571UK 160.570UK
160.575UK	5 Litre			
160.576UK	1 Litre	Light bubbles that glow when under UV Light		
160.577UK	5 Litre			

Snow Fluid

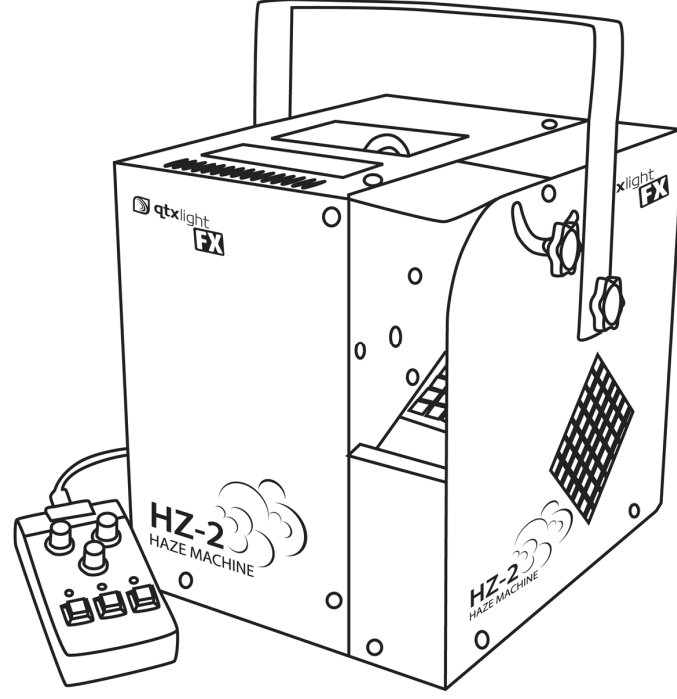
Stock Code	Volume	Description	Results	For use with:
160.578UK	1 Litre	Snow Fluid	High quality snow lasts 30% longer than other standard fluids	160.568UK
160.579UK	5 Litre			

Smoke Fluid

Stock Code	Volume	Description	Colour	Results			For use with:
				Dispersion	Density	Stability	
160.643UK	1 Litre	Standard smoke fluid	Yellow	Quick	Light	Low	160.452UK 160.543UK 160.449UK 160.428UK 160.429UK 160.430UK Or for best results use any machine up to 900W
160.582UK	5 Litre						
160.587UK	1 Litre	High grade smoke fluid	Orange	Slow	Medium	Good	
160.588UK	5 Litre						
160.644UK	1 Litre	High quality smoke fluid	Pink	Slow	High	Good	160.455UK 160.437UK 160.446UK Or for best results use any machines between 1000 - 5000W
160.583UK	5 Litre						
160.589UK	5 Litre	Premium smoke fluid	Clear	Slow	V. High	V. Good	
160.670UK	20ml						

Haze

Stock Code	Volume	Description	Colour	Results			For use with:
				Dispersion	Density	Stability	
160.590UK	1 Litre	High quality haze fluid	Clear	Slow	High	Good	160.450UK, 160.451UK & 160.454UK
160.591UK	5 Litre						




HAZER-HZ2

Haze Machine User Manual

160.450UK

Hazer HZ-2 Haze Machine – For indoor use only

	<p>Caution! Please read this manual carefully before operating! Damage caused by misuse is not covered by the warranty!</p>
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1. General Introduction :

A professional haze machine that is the ultimate in fine mist generation. This unit can quickly and smoothly develop a pre-determined level of haze and maintain it consistently by the hand controller provided.

Features :

- 2,400 CU Ft (68m³) per minute
- Relay temperature controlled for constant temperature control and longer life span
- Uniquely designed nozzle for reduced condensation build up in the pipes
- True constant haze output
- Variable output angle
- Low fluid indicator
- Timer output remote control included
- Easy to transport and portable
- 2 Channel DMX (output level and fan speed)
- Removable tank for easy maintenance
- Recommended QTX Light High grade haze fluid for use with this machine

15. Technical specification :

Power supply	230Vac, 50Hz
Fuse	F5A
Power	600W
Re-heat time	4 min (approx)
Haze Output	2,000 Cu Ft (283m ³) per minute
Tank capacity	1.2 Litres
Dimensions	220 x 205 x 490mm
Weight	7.6kg

14. Disposal :

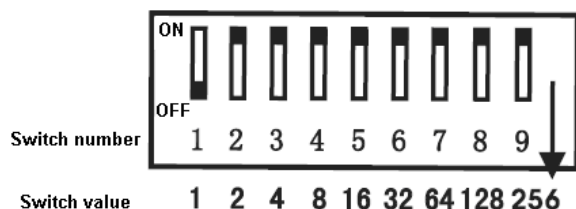


Please disposal of the unserviceable device according to the current statutory requirements.

11. DMX controlling:

DMX channel	DMX Scale	Detail function
CH 1	000 - 255	0% - 100% Haze output
CH 2	000 - 255	0% - 100% Fan speed

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

(Note: 1 = On, 0 = Off)

DMX Address	DIP Switches								
	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1	0
3	0	0	0	0	0	0	0	1	1
...
509	1	1	1	1	1	1	1	0	1

2. Package Contents :

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

Hazer HZ-2 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.

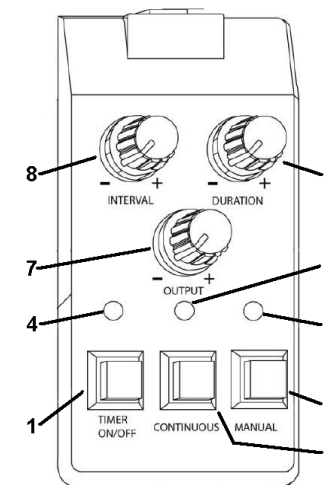
3. Recommended Fluid:

For the Hazer-FX1000 haze machine we strongly recommend the following fluid which has been specifically formulated to perform best with any heater based haze machines.

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 :

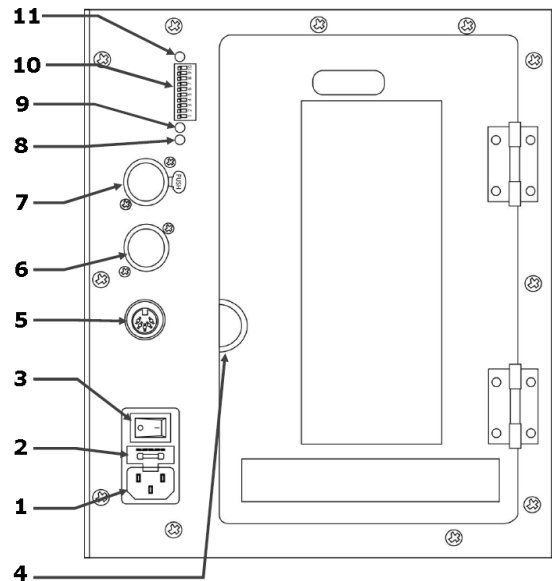
1. Unpack the haze machine
2. Unscrew the top cap of the tank and remove to fill with the recommended haze fluid
3. Replace the bottle and screw the cap securely ensuring the pipe is fed down to the bottom of the bottle so a consistent flow of fluid is supplied to the machine
4. Connect the remote control
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 machine and 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 haze machine. It is recommended to produce haze with small pauses in between so that the temperature is maintained and the thermostat doesn't switch off.

11. Timer controller:

- 1) Timer on/off button
 - 2) Continuous output
 - 3) Manual override button
 - 4) Timer LED indicator (Illuminated Yellow when timer active)
 - 5) Manual ready indicator (Illuminates Green when ready)
 - 6) Power indicator (Illuminates red when power is on)
 - 7) Adjust the amount of Haze 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 (between 0 – 30 Min approximately)
 - 9) Adjust the duration the Haze / Haze is released at each interval (between 0 – 15 seconds approximately)

For best results select "continuous" and adjust output to achieve desired effect, note it can take around 30 seconds for the machine to produce the correct output.

11. Layout:



- 1) IEC Power socket
- 2) Fuse holder
- 3) Power switch On/Off
- 4) Back door (Removable fluid tank inside)
- 5) Remote control
- 6) DMX In
- 7) DMX Out
- 8) No fluid indicator
- 9) Ready indicator
- 10) Dip switches for DMX address
- 11) DMX indicator

10. 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.

5. 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/haze cleaning fluid (160.670)

6. 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 /Cyan	Earth	

7. Quick Trouble Shooting :

If the unit is not functioning properly

- 7.1 Check if main power is on and fuse hasn't blown
- 7.2 The remote control is plugged in correctly in to the socket
- 7.3 Check there is fluid in the tank
- 7.4 Check that the pipe is pushed down to the bottom of the tank
- 7.5 Check the correct fluid has been used.
- 7.6 If there is a block use distilled water or haze machine cleaning fluid.

8. 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.

9. 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 haze cleaning fluid (160.670) to clean the internal workings. Simply empty the tank of any haze fluid. Fill with water or haze 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