

HZ-800

HAZE MACHINE

Order ref: 160.498UK

User Manual



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

The HZ-800 is a high efficiency 800W haze machine capable of producing 12,000 cu.ft per minute of haze to rapidly fill venues. The volume and speed of fill can be easily controlled using the included wired controller with LCD panel or keyfob-style RF wireless remote. For automated operation, a 2 channel DMX connection is also available. The fluid bottle can be removed for easy refilling and there is a slot window to indicate the current fluid level.

- 800W Haze Vaporiser
- Haze output ~12,000 cu.ft/min
- Wired Controller with button control and LCD display
- 433Mhz keyfob-style RF wireless remote
- 2-Channel DMX connections
- Removable fluid tank

In the box:

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

- HZ-800 Haze Machine
- Wired Controller
- RF Remote Control
- UK Mains Lead
- User Guide

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

Warnings:

1. To prevent risk of fire or electric shock, do not expose electrical parts to rain or moisture.

2. If liquids are spilled on areas other than inside the fluid tank, disconnect the mains, allow the unit to dry out and have it checked by qualified personnel before further use.
3. Avoid any impact, dropping or extreme pressure to the housing.
4. No user serviceable parts inside - do not open the case.
5. Allow the unit to acclimatise to room temperature before operating.
6. The HZ-800 has a built-in fluid container and should be operated in an upright position. Ensure that the unit is positioned on a stable, non-slip surface.

Safety and Cleaning:

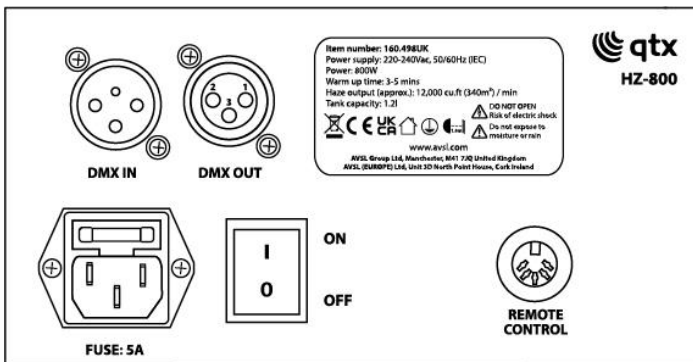
1. Check for correct mains voltage and condition of IEC lead before connecting to mains.
2. This unit must be earthed.
3. This unit uses a heating element – be aware that parts of the housing may be hot during use!
4. Use a soft dry or slightly damp cloth to clean the casing.
5. Do not use strong solvents for cleaning the housing.
6. Clean the haze mechanism periodically by operating with distilled water instead of haze.
7. It is also recommended to use fog machine cleaning fluid (160.670UK) periodically.

Recommended Fluids:

For the HZ-800 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
160.591UK	High quality professional haze fluid	5 Litre
160.596UK	Eco haze fluid	5 Litre

Rear Panel:



Setting Up:

1. Unpack the HZ-800 unit.
2. Unscrew the top cap of the tank and remove to fill with haze fluid.
3. Replace the bottle and screw the cap securely, making sure that the pipe is fed down to the bottom of the bottle to ensure a consistent flow of fluid.
4. Connect the wired remote controller to the socket on the rear panel.
5. If DMX is to be used for control, connect the DMX signal from the controller to the DMX IN XLR connector. Any further DMX controlled units may be connected via the DMX OUT XLR connector.
6. Connect the IEC mains plug and power the unit on.
7. The unit will begin the warming up process and the display panel on the wired remote will display "**Warm up**" which normally takes around 3-5 minutes.
8. Once the unit is warm enough for use the display panel will change to "**Ready**".

Operation:

Use the control buttons on the panel of the wired controller to operate the unit's modes and functions quickly and efficiently as below:

Button	Response
Function	Scrolls between DMX, Pump, Wind, Interval and Duration modes
Up	Increase function or setting
Down	Decrease function or setting
Timer	Enter timer mode
Start/Stop	Turn pump on/off
Manual	Manually adjusts the fan speed

The LCD panel on the wired controller will display the following outputs:

Function	Display
Warm up state	Warm up or Ready
DMX address code	1-512
Pump settings	Pump
Fan settings	Wind
Time setting	Interval
Continuous smoke time setting	Duration

The small RF remote control supplied can also be used when wireless control of the unit is needed. Its possible to increase and decrease the values of the pump (button A) and wind (button B) settings using the remote control. As the receiver for the RF remote is fitted inside the wired controller this must be connected and switched on for it to function correctly.

If the LCD panel display is showing the DMX address, the unit will operate from DMX control as follows:

	0	Off
Channel 1 (start address)	1-255	Pump control 1-100%
Channel 2 (start address +1)	0-255	Fan speed slow to fast

Specifications:

Power supply	220-240Vac, 50/60Hz (IEC)
Fuse rating	5A
Power	800W
Warm up time	3-5 minutes
Remote control frequency	433.92Mhz
Haze output (approx.)	12,000 cu.ft (340m ³) per minute
Tank capacity	1.2 litres
Dimensions	485 x 195 x 230 mm
Weight	4.9kg

Troubleshooting:

No power to main unit or wired controller	Check mains voltage is correct and socket is switched on
	Check IEC lead is OK and connected properly
	Check mains fuse in IEC connector and fuse in plug top
	If fuse blowing repeatedly, refer to qualified service personnel
Power to unit but no haze output in manual or continuous mode	Check fluid level in tank
	If fluid is OK and pump working, the lines may be blocked
	Check that output is not set to zero on the control panel
	Check that output is not switched off on the keyfob remote
	If blocked, clean with fog machine cleaner & distilled water
	Check that if DMX mode is selected, the DMX channel is correct
In DMX mode, check that haze output is not set to zero	



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines

Errors and omissions excepted.

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