

HZ-1500LED

LED HAZE MACHINE 1500W

Order ref: 160.495UK

User Manual



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



A high efficiency 1500W haze machine capable of producing 20,000 cu.ft per minute of haze to rapidly fill larger venues. The haze effect can then be highlighted with an array of colours from the 9 bright LED's housed in the front of the unit. The haze and light effects are easily controlled using either the included keyfob-style RF wireless remote or by 6-channel DMX connection. The 2.3 litre fluid bottle can be removed for easy refilling and there is a slot window to indicate the current fluid level.

- 1500W haze vaporizer with around 20,000 cu.ft/min output
- Nine powerful 3W LEDs add a bright colourful light show to the haze effect
- 433Mhz keyfob-style RF wireless remote
- 6-Channel DMX connections
- Removable 2.3 litre fluid tank
- High grade haze fluid should be used with this machine (we recommend 160.591UK)

In the box:

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

- HZ-1500LED Haze Machine
- RF Remote Control & transmitter
- UK/EU Mains Leads
- Mounting bracket & screws
- 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 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-1500LED 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:

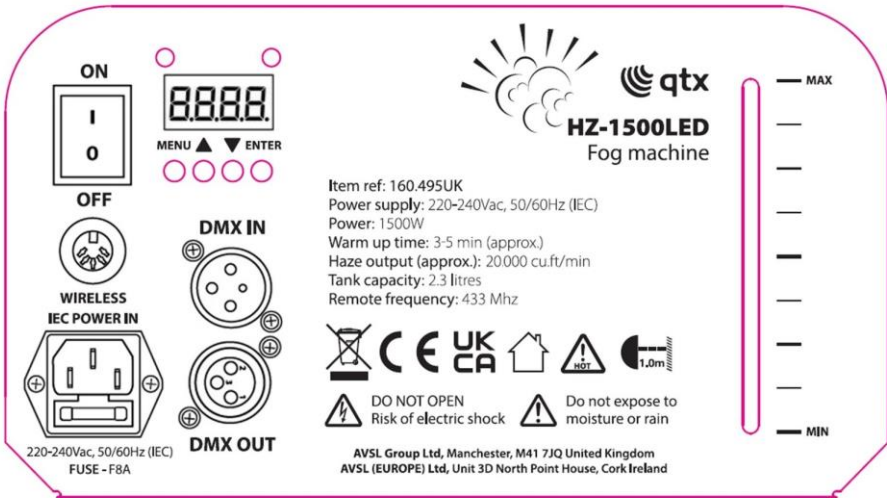
1. Check for correct mains voltage and condition of IEC lead before connecting to mains.
2. This unit must be earthed.
3. This unit uses a heating element – be aware that parts of the housing may be hot during use!
4. Use a soft dry or slightly damp cloth to clean the casing.
5. Do not use strong solvents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

Recommended Fluids:

For the HZ-1500LED 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-1500LED 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 RF remote transmitter to the socket marked "Wireless" 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 which normally takes around 3-5 minutes.

Operation:

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

Button	Response
Menu	Scrolls between DMX and LED modes
Up	Increase function or setting
Down	Decrease function or setting
Enter	Enter mode select

The LCD panel on the rear of the unit will display the following outputs:

Function	Display	Content
DMX address code	d001-d512	See DMX table below
LED settings	LEd000	Red LED
	LEd001	Green LED
	LEd002	Blue LED
	LEd003	Amber LED
	LEd004	Purple LED
	LEd005	Cyan LED
	LEd006	LED colour fade
	LEd007	White LED strobe effect

The small RF remote control supplied can also be used when wireless control of the unit is needed. Ensure the wireless RF controller is connected to the unit, to use the remote for the following functions:



- R:** Red LED control
- G:** Green LED control
- B:** Blue LED control
- FOG:** Haze effect on demand

If the LCD panel display is set to DMX mode (d001-d512), the unit will operate by DMX control as follows:

Channel	Value	Content
CH1	0-255	Haze effect low to high
CH2	0-255	LED colour fade slow to fast
CH3	0-255	Red LED low to high
CH4	0-255	Green LED low to high
CH5	0-255	Blue LED low to high
CH6	0-255	White LED strobe effect slow to fast

Specifications:

Power supply	220-240Vac, 50/60Hz (IEC)
Fuse rating	F8A
Power	1500W
Warm up time	3-5 minutes
Remote control frequency	433Mhz
Haze output (approx.)	20,000 cu.ft (340m ³) per minute
Tank capacity	2.3 litres
LED power	3W x 9pcs
Battery remote	23A 12V (not supplied)
Dimensions	465 x 250 x 190mm
Weight	6.45kg

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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Taylor Road, Trafford Park, Manchester. M41 7JQ.

AVSL (Europe) Ltd, Unit 3D North Point House,
North Point Bus. Park, New Mallow Road, Cork, Ireland.