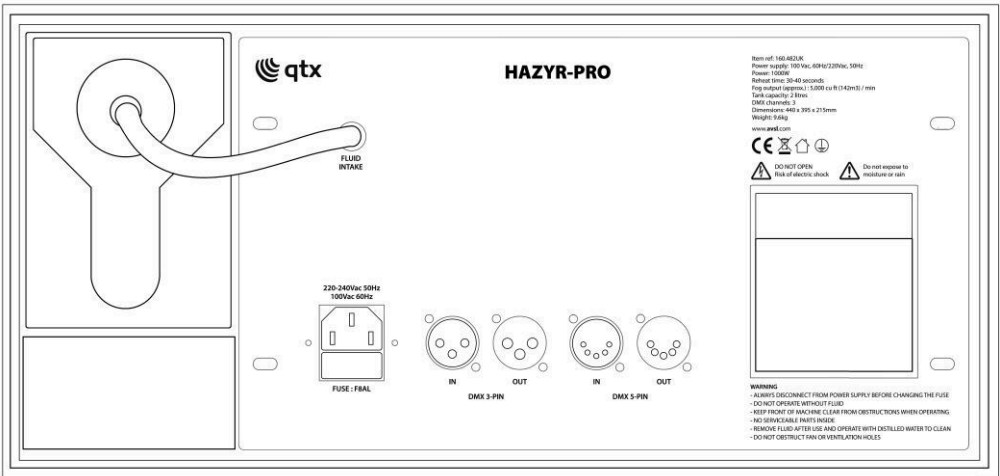


HAZYR-PRO

Professional Haze Generator

Item ref: 160.482UK

User Manual



Version 1.0



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

Introduction

Thank you for purchasing the HAZYR-PRO haze machine. This product has been designed to provide controlled haze effects for stage productions and themed events. Please read and keep this manual in order to achieve the best results from this equipment and avoid damage through misuse.

If you find any accessory is missing or the machine has arrived with any problems, please contact your local dealer at once. Please keep the original package and invoice for any possible replacement or returned demand.

Warning

To prevent risk of fire or electric shock, do not expose electrical parts to rain or moisture. If liquids are spilled on areas other than inside the fluid tank, disconnect the mains, allow the HAZYR-PRO to dry out and have it checked by qualified personnel before further use. Avoid any impact, dropping or extreme pressure to the housing. No user serviceable parts inside - do not open the case. Allow the HAZYR-PRO to acclimatize to room temperature before operating.

Placement

The HAZYR-PRO has a built-in fluid container – please ensure that the cap is securely sealed and the bottle is not inverted, which may cause it to leak into the machine. The HAZYR-PRO is built into its own flight case, which should be positioned on a stable surface. Do not operate the machine with the lids fastened.

Safety

- Check for correct mains voltage and condition of IEC lead before connecting to mains
- This unit must be earthed
- This unit uses a heating element – be aware that parts of the housing may be hot in use!

Cleaning

- Use a soft dry or slightly damp to clean the casing
- Do not use strong solvents for cleaning the housing or case
- Clean the haze mechanism periodically by operating with distilled water instead of haze
- It is also recommended to use fog machine cleaning fluid (160.670UK) periodically

Recommended fluid

For the HAZYR-PRO 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

Use power supply with Earth connection and adequate current capacity for the unit

Use the plug to connect to the main power supply as follows:

Wire	Connection	International signal
Brown	Live	L
Blue	Neutral	N
Yellow /Cyan	Earth	

Unpacking

The product should arrive with you in good condition with the following components.

- HAZYR-PRO haze machine
- Mains lead(s)

Rear control panel

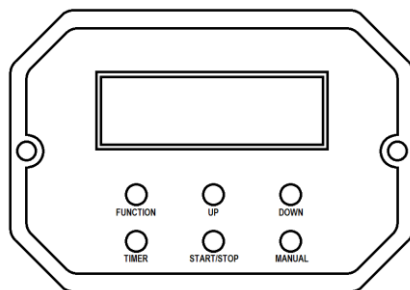
FUNCTION Press to step through various menu functions

UP/DOWN Set parameter values +/-

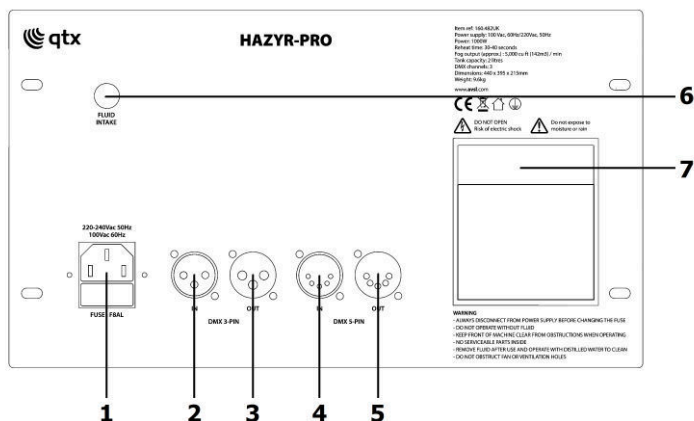
TIMER Enter timer mode

START/STOP Start/stop continuous haze

MANUAL Press to haze
Release to stop



Front panel



- 1 IEC mains inlet & fuse holder
- 2 DMX input (3-pin XLR)
- 3 DMX output (3-pin XLR)
- 4 DMX input (5-pin XLR)
- 5 DMX output (5-pin XLR)
- 6 Fluid intake (connected to fluid tank)
- 7 Angle adjustable haze outlet aperture

Setting up

Unfasten front and rear lids of the flight case. Unscrew the top cap of the tank and remove to fill with haze fluid. Replace the bottle and screw the cap securely, making sure that the pipe is fed fully into the bottle to ensure a consistent flow of fluid.

If required, the rear control panel can be released and used as a wired remote control by unfastening the 2 securing screws (already connected via a 5-pin lead)

If DMX512 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. Use 3-pin or 5-pin as required. (2, 3, 4, 5)

Connect the IEC lead supplied to a suitable outlet (1), ensuring correct voltage. Heat up time is only 30-40 seconds before the HAZYR-PRO is ready to use.

Pull forward the output aperture (7) to direct the flow of haze to the required angle. Ensure that this output is not obstructed and a safe distance away from people.

Operation

To operate the HAZYR-PRO in standalone mode, use the 6-button control beneath the LED display on the rear panel as described below.

Display (FUNCTION)	Setting (UP/DOWN)	Description
Interval Set	0s -200s (seconds)	Pause time between haze output
Duration Set	0s -200s (seconds)	Duration time of haze output
DMX-512 add	1-512	Set the DMX start address
Fluid Set	ON	Low Fluid shutdown on
	OFF	Low Fluid shutdown off
Volume Set	1% - 100%	Set the haze output volume
Fan Speed Set	1% - 100%	Set the fan speed

To produce haze any time, press the MANUAL button (releasing stops the haze)
For continuous haze output, press START/STOP (press again to stop)

To initiate a timed output, using FUNCTION and UP/DOWN buttons, set the required Duration (haze output) and Interval (no haze output) times, Volume and Fan Speed and then press TIMER to initiate the timer (time countdown will show in the display)

To operate remotely via DMX, use FUNCTION and UP/DOWN buttons to set the DMX start address and then operate across 3 DMX channels as described below
(Note: If a DMX signal is being received, this will override Manual or Timer modes)

The Fluid Set function is a safety feature which disables the haze output when fluid is below a minimum level. This can be set to on or off, depending upon whether this safety feature is needed or if it causes unexpected cutting out during operation.

DMX channel	Value	Function
Channel 1 (start address)	000-127	Haze output ON
	128-255	Haze output OFF
Channel 2 (start address + 1)	000-255	Fan speed slow to fast
Channel 3 (start address + 2)	000-255	Haze output volume 0-100%

After use, switch off the haze output and wait until no more haze is produced.

Unplug from the mains supply and allow the unit to cool down.

Empty the fluid tank and replace the control panel (if detached) before fitting the lids and moving the HAZYR-PRO.

Specifications

Power supply	220-240Vac, 50Hz (IEC)
Power consumption	1000W
Fuse	F8AL
Warm up time	30-40 seconds
Haze output (approx.)	5000 cu ft (142m ³) /min
Controller	Onboard/remote control panel or DMX512 operation
DMX channels	3
Fluid capacity	2 litres
Dimensions	435 x 390 x 220mm
Weight	10.45kg

Troubleshooting

Warning: Hot components! ... Switch off and allow to cool before touching the unit.

No backlight on control panel display (or fan not working)	Remove the control panel and check 5-pin connection inside
	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
Control panel display is on but no haze output on manual or continuous mode	Check fluid level in tank (check "Fluid Set" in menu)
	If fluid level is OK and pump working, the lines may be blocked
	Check that output is not set to minimum on the control panel
	If blocked, clean with fog machine cleaner & distilled water
	Check that if DMX mode is selected, the DMX channel is correct
Difficulty in determining when haze is on or off	In DMX mode, check that haze output is not set to minimum
	At lower volume or time settings, there may be residual haze fluid in the system which continues to produce haze even when haze is not activated. This can appear as a continuous flow even though haze output is off.



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

qtx		Effects Fluid Chart				
Bubble Fluid						
Stock Code	Volume	Description	Results		For use with	
160.574UK	1 Litre	Bubble fluid	Light, long-lasting bubbles		160.462UK, 160.560UK, 160.562UK, 160.563UK, 160.564UK	
160.575UK	5 Litre					
160.576UK	1 Litre	UV bubble fluid	Light bubbles which glow in 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 fluid. Lasts 30% longer than other standard fluids		160.565UK, 160.569UK	
160.579UK	5 Litre					
Fog Fluid						
Stock Code	Volume	Description	Colour	Results		For use with
160.643UK	1 Litre	Standard fog fluid	Yellow	Dispersion	Stability	160.452UK, 160.453UK, 160.461UK or any machine up to 900W
160.582UK	5 Litre			Density	Fog colour	
160.587UK	1 Litre	High grade fog fluid	Orange	Quick	Low	160.455UK, 160.456UK, 160.457UK or any machine 1000-1500W
160.588UK	5 Litre			Slow	Good	
160.644UK	1 Litre	High quality fog fluid	Pink	Slow	Good	160.447UK
160.583UK	5 Litre			High	Good	
160.589UK	5 Litre	Premium fog fluid	Clear	Slow	Excellent	All fog machines
160.592UK	1 Litre	Low level fog fluid	Clear	Very high	Excellent	
160.593UK	5 Litre	Fog machine cleaner	Clear	Highest	Excellent	
160.670UK	20ml			Extends life of your fog machine		
Haze						
Stock Code	Volume	Description	Colour	Results		For use with
160.591UK	5 Litre	High quality haze fluid	Clear	Dispersion	Stability	160.458UK, 160.459UK, 160.462UK, 160.465UK
160.591UK	5 Litre			Slow	Good	
		Eco haze fluid		Medium	Good	
Fog						
Stock Code	Volume	Description	Results		For use with	
160.650UK	20ml	Coconut fog fragrance	Adds fragrance to fog or haze		20ml = 5 Litre fog or haze fluid	
160.651UK	20ml	Mint fog fragrance				
160.652UK	20ml	Vanilla fog fragrance				
160.653UK	20ml	Tropical fog fragrance				
160.654UK	20ml	Strawberry fog fragrance				
160.655UK	20ml	Energy fog fragrance				