



HZ-1000

Hazer Machine User Manual



English

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Hazer Technology **HZ1000**

User Manual

Safety Information



Please read the following safety information carefully before operating the machine. Information includes important safety information about installation, usage, and maintenance. Pay attention to all warning labels and instructions in this manual and printed on the machine.

If you have questions about how to operate the machine safely, please contact your local Antari dealer for help.

- Keep this device dry.
- Always connect to a grounded circuit to avoid risk of electrocution.
- Before connecting the machine to power, always check the voltage indicated on the machine matches your local AC voltage. Do not use the machine if AC power voltage does not match.
- Disconnect the machine from AC power before servicing and when not in use.
- This product is for indoor use only! Do not expose to rain or moisture. If fluid is spilled, disconnect AC power and clean with a damp cloth. If fluid is spilled onto electronic parts, immediately unplug the machine and contact your local Antari dealer for advice.
- No user serviceable and modifiable parts inside. Never try to repair this product, an unauthorized technician may lead the machine to damage or malfunction.
- For adult use only. Never leave the machine running unattended.
- Install in a well ventilated area. Provide at least 50 cm space around the machine.
- Never add flammable liquid of any kind to the machine.
- Make sure there are no flammable materials close to the machine while operating.
- Only use Antari fluid. Other fluid may lead to malfunction.
- If the machine fails to work, unplug the machine and stop operation immediately. Contact your local Antari dealer for advice.

- Before transporting the machine, make sure the fluid tank is completely drained.
- Smoke fluid may present health risks if swallowed. Do not drink haze fluid. Store it securely. In case of eye contact or if fluid is swallowed immediately look for medical advice.

Unpacking and Inspection

Immediately upon receiving the machine, carefully unpack the carton, check all content to ensure that all parts are present and have been received in good condition. If any parts appear damaged or mishandled from shipping, notify the shipper immediately and retain the packing material for inspection.

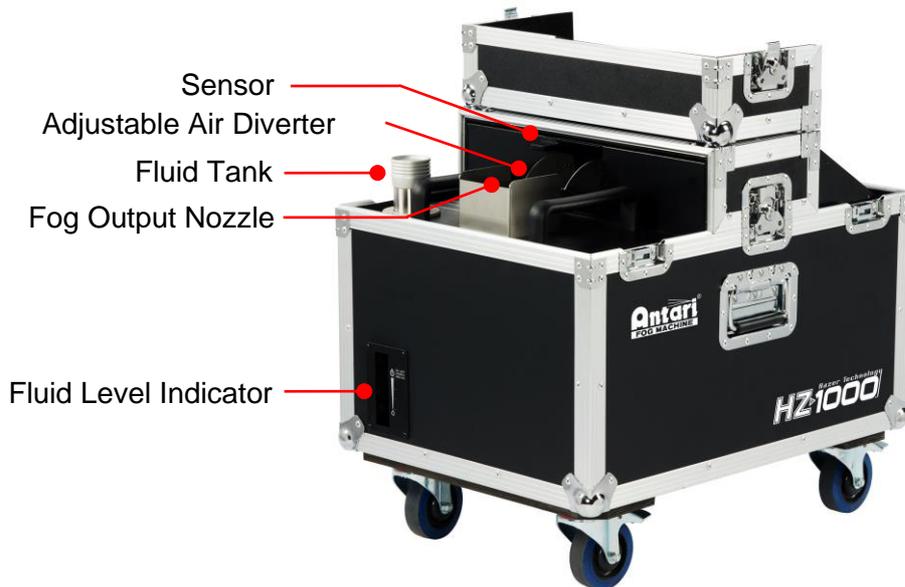
What is included:

- 1 x HZ-1000 Hazer
- 1 x Power Cord
- 1 x User Manual

Product Dimension



Product Overview



Setting Up

Step 1: Place the machine on a flat surface and in a suitably large area with at least 50 cm of open space around the machine.

Step 2: Fill the fluid tank with Antari approved fluid.

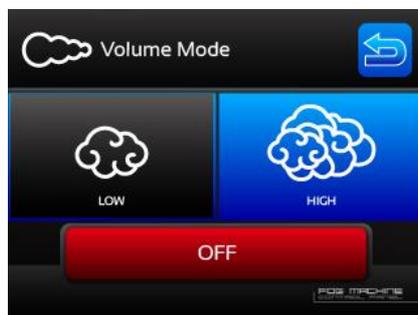
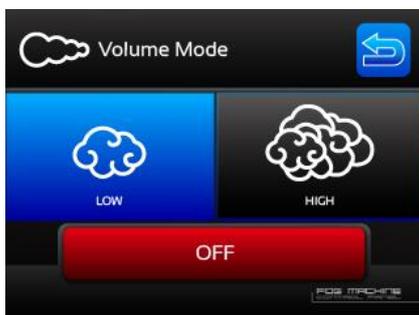
Step 3: Connect the machine to a suitably rated power supply. To determine the power requirement for the machine refer to the label on the back of the machine.



Always connect the machine to a protected circuit and ensure it is properly grounded to avoid risk of electrocution.

Step 4:

To start making haze, press “VOLUME” on screen then select output level “LOW” or “HIGH”. To stop making haze press “OFF”



Step 5: To turn off the machine, put the power switch to the **OFF** position.

Operation

Control Panel Operation

The machine can adjust settings and be controlled through the touch screen panel.

Main Menu	Level 1	Level 2
TIMER 	LOW/HIGH/OFF	
VOLUME 	LOW/HIGH/OFF	
DMX 512 	001-511	

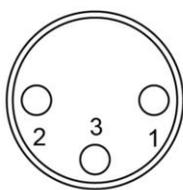
SETTING



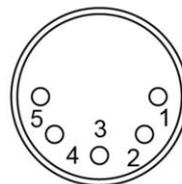
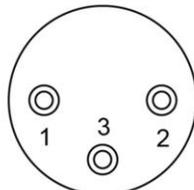
 Interval Set	00 min 01 secs 59 mins 59 secs
 Duration Set	00 min 01 secs 59 mins 59 secs
 Timer Mode	LOW/HIGH
 Volume Mode	LOW/HIGH
 Fan Speed	20-100%
 DMX 512	001-511
 WDMX	Power On/Off Reset On/Off
 Sensor On/Off	On/Off
 Quick Start	On/Off

DMX Connector Pin Assignment

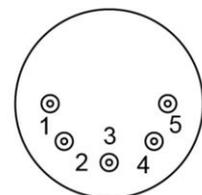
The machine provides 3 or 5 pin XLR connectors for DMX connection. The diagram below indicates pin assignment information.



3 Pin XLR



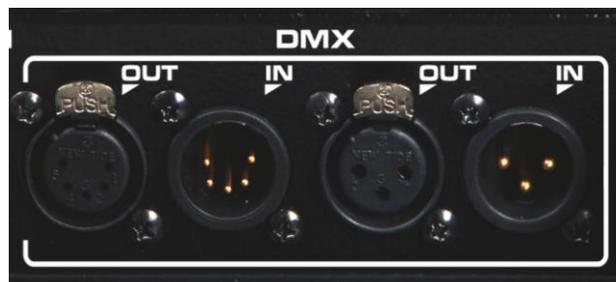
5 Pin XLR



Pin	Function
1	Ground
2	Data-
3	Data+
4	Not used
5	Not used

DMX Operation

Making the DMX Connection – Connect machine to a DMX controller or to one of the machines in the DMX chain. The machine uses 3-pin and 5-pin XLR connectors for DMX connection, the connector is located on the rear of the machine.



DMX Channel Function

Channel 1	DMX Value Range	Function
Haze Output Level	0 – 5	Haze Off
	6 – 127	Haze Output Low
	128-255	Haze Output High
Channel 2	DMX Value Range	Function
Fan Output Level	0 – 5	Fan 20%
	6 – 255	Fan 21 – 100%

Fluid

Only use Antari HZL oil-based liquid for the HZ-1000 Hazer. The machine is tested and calibrated with this liquid to get the best output performance. Warranty will be voided if any other type of liquid is used, improper use of liquid may lead to machine failure and malfunction.

Service and Maintenance

- Do not allow the machine to become contaminated.
- Remove dust from air vents with air compressor, vacuum or a soft brush.
- Only use a damp cloth to clean the casing.
- It is recommended to run the machine on a monthly basis in order to achieve best performance and output condition.
- Excessive dust, liquid and dirt built up will degrade performance and cause overheating.

Breaker Reset



Disconnect AC power before replacing fuse. Only replace fuse with same type and rating.

Step 1: Disconnect power cord from supply.

Step 2: Flip breaker to ON position.

Step 3: Turn machine back on to test



Breaker

120V = 12A 250V

240V = 7A 250V

Status Messages

Message	Status
Sensor Error 	Flight case cover is closed and not able to generate haze
Temp 1 Error 	Compressor 1 is overheating

Temp 2 Error



Compressor 2 is overheating

Temp 3 Error



Machine internal temperature is overheating

Technical Specifications

Input voltage	AC 100-120V, 50 / 60Hz 9.6A AC 220-240V, 50 / 60Hz 4.8A
Rated power	1150W
Fluid consumption	2.2 ml/min
Fluid tank capacity	6.4 l (1.69 gal)
Compatible fluid	Antari HZL Haze Fluid
Operating time	40 hrs max. output
Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
Output	7500 cu.ft./min. (212 m ³ /min.)
Control	DMX 512, Timer, Manual, Wireless DMX (Optional)
DMX channels	2 channels
Connection	Neutrik Powercon True1 (Power) XLR 3-pin and 5-pin (DMX)
Optional accessories	W-DMX-PCBR Wireless DMX 512
Dimension	L 690 x W 510 x H 610 mm (L 27.16 x W 20.07 x H 24.01 inch)
Weight	74.6 kg (164.46 lbs)



For current product information visit Antari at: www.antari.com
For information requests please contact us at: sales@antari.com



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