

XSTATIC PRO LIGHTING

by **ProX**



X-LH1500 LONDON HAZE MACHINE USER MANUAL

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Important Note: The instructions and specifications contained in this manual are correct at the time of design and initial manufacturing. However, due to continuing improvement in our products some items may change without prior written notice to end users.

Introduction: Congratulations, you have just purchased Xstatic Pro Lighting High Performance **X-LH1500 London Haze**, one of the most reliable and powerful Haze machines in the world suitable for touring or stage performances! The **London Haze** machine have been designed and engineered in USA by Xstatic Pro Lighting to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

Safety Notifications:

- Be very careful during connection and usage: touching live wires can cause life-threatening electrical shock.
- Do not touch the device during operation as the housing gets hot.
- Keep this device in a dry area at all times.
- Do not open the housing for any reason. Call Xstatic for service!
- Damage caused from not following the guidelines in this manual are not covered by the warranty and Xstatic will not accept responsibility for any resulting defects or problems.
- A qualified technician should install and service this device.
- Do not switch the device on immediately after it has been exposed to extreme changes in temperature. Protect the device against damage by leaving it switched off until it has reached room temperature.
- This device falls under NEC Class 1. It is essential that the device be earth grounded. Do not remove or isolate the grounding pin.
- Make sure that the available voltage does not exceed the voltage stated in the specification section of this manual.
- Do not crimp the power cord. Protect it against damage. Have an authorized service center replace it if necessary.
- Disconnect the device from all power to clean it or when it is not in use. Handle the power cord by the plug only.
- Note that damage caused by user modification to the device is not covered by the product warranty.
- Keep the device away from children and unauthorized users.
- Never aim or point this or any haze / fog machine toward people or their clothing. The device emits hot steam and may cause serious burns or injury.
- Always operate this unit in an area that will allow proper ventilation.
- Maintain a clearance of at least 6" between this device and a wall.
- Never block the ventilation holes.
- Maintain a 36" distance from any persons during operation.

Electrical and Control:

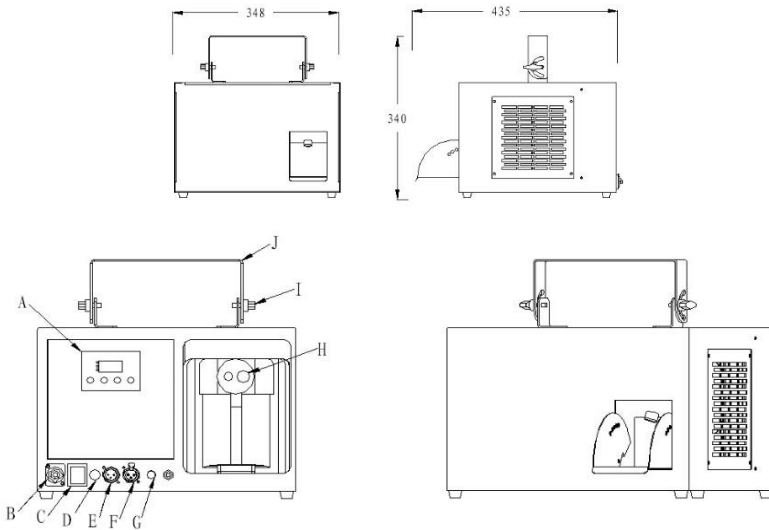
Power Supply:

Before plugging your Xstatic London Haze Machine unit in, be sure the supply voltage is **120V AC 60 Hz**. Because line voltage may vary from venue to venue, you should test the outlet for proper voltage and ground before attempting to operate your fixture.

Technical Specifications

VOLTAGE:	AC 120V 60Hz
POWER:	1500W
WARM UP TIME:	2 minutes
SMOKE OUTPUT:	20,000Cu ft/min Maximum
SPRAY HEIGHT:	23FT / 7M
DMX CHANNEL:	2CH
WIRELESS CONTROLLER:	8Key RF, Support W-8
FLUID TYPE:	Water Base
TEMPERATURE CONTROLLING:	Microprocessor
TANK CAPACITY:	1.32 US Gallon / 5L
DIMENSIONS:	17x14x14Inch / 435x348x340mm
WEIGHT:	23LBS / 10.5kg (without fluid)

Schematic drawing:



- | | | |
|---------------------------------------|---------------------|----------------------|
| A: Digital Display Panel | B: Power input | C: Power switch |
| D: Fuse | E: DMX XLR-3P input | F: DMX XLR-3P output |
| G: Wireless Control Transmitter input | H: Fluid Tank | |
| I: Adjustment knob | J: Handle | |

Operation:

Plug the London Haze Machine to 120V AC. The device need 2 minutes for preheating. It will display ---- when heating.

When it has reached the operational temperature and ready to fog, it will

Haze Juice:

Caution:

Before adding haze juice, always disconnect the power supply.

Be sure to maintain an adequate supply of Xstatic / ProX Brand Haze Juice in the fluid reservoir. Running the Haze machine dry will cause pump failure and or clogging. This is the largest cause of failure in fog and haze machines. ProX Fog Juice is required to maintain your warranty.

Available Haze Juice to purchase from your ProX Dealers:

HJ-1: 1 GALLON

HJ-Q: ¼ Gallon

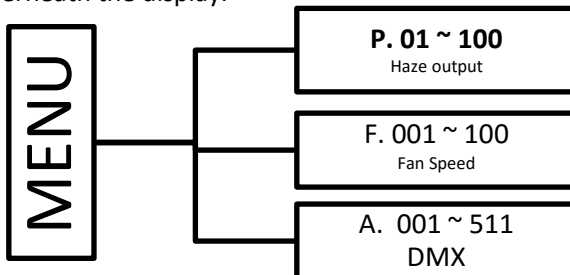
LONDON HAZE Operation

London Haze can be used in 3 ways;

- 1) DMX Mode 2 Ch.
- 2) Stand-Alone or timer with 4 button display on the unit
- 3) 8-Key RF Wireless Remote

Readout Functions:

To access the control panel function, use the four buttons located underneath the display.



To turn on Timer Mode, press and hold (\equiv) button for 2 seconds and TIMER indicator will be lit up. To return to manual or DMX control mode from timer mode press and hold (\equiv) button for 2 seconds.

Function	Setting value	Description
Pt.XX	0.1-99	To set smoke time, press () to start/stop Time setting is 0.1 to 99 minutes
Ft.XX	0.1-99	To set pause time, press () to start/stop Time setting is 0.1 to 99 minutes
P.XXX	1-100	To set Haze output volume
F.XXX	1-100	To set the Fan Speed

Wireless Remote Operation:

To emit haze, simply press the corresponding number button on the remote for desired length of time.



Operational after the unit warmed up. Please ensure the wireless function is turned on at menu.

Button 1: ON, 100% output of Haze and Fan

Button 2: OFF, Standby mode

3: 25% Haze output

4: 25% Fan Value

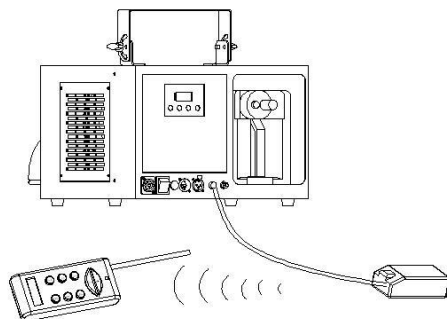
5: 50% Haze output

6: 50% Fan Value

7: 75% Haze output

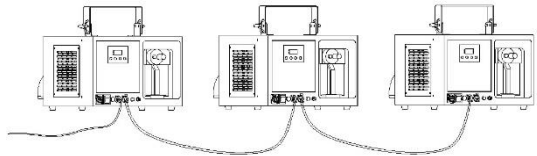
8: 75% Fan Value

Please note: If you have lost the wireless remote you could purchase a replacement kit. SKU# X-LH1500-8RF



DMX-512 Control: DMX-512 is a universal protocol used as a form of communication between intelligent lighting fixtures, devices and controllers. A DMX controller (either physical or computerized) sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures.

DMX Linking: DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.



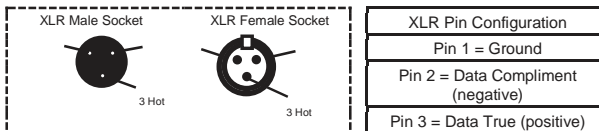
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Data Cable Requirements: The Xstatic London Haze Machine can be controlled via DMX-512 protocol. The Xstatic London Haze Machine has 2 DMX channel modes. The DMX address is set on the back panel. Your DMX controller have a standard 3-pin XLR connector for data output to connect to Xstatic London Haze Machine.

NEVER USE MICROPHONE CABLES! We recommend ProX DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded DATA cable. Your cables should be made with a male and female XLR connector on either end of the cable (3 or 5 pin). Also remember that DMX cable must be daisy chained and cannot be split except with an optical coupling device.

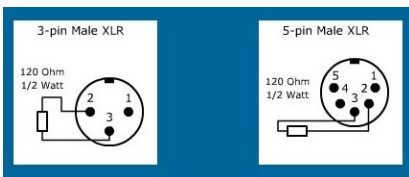


Note: Be sure to follow figures one and two when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.



***Special Note:**

Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 120 ohm 1/2 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator will decrease the possibilities of erratic behavior.



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminator (resistance 120 Ohm/2 Watt) between Pin 2 and Pin 3 of the last fixture.

DMX Mode:

Operating through a DMX controller gives the user the freedom to create their own programs tailored to their own individual needs.

1. This function will allow you to control each individual fixture's functions with a standard DMX 512 controller.
2. Press the either the MENU button until "A.XXX" is displayed.
3. Press the ENTER button. "A.XXX" will be displayed. "XXX" represents the current displayed DMX address. Use the UP or DOWN buttons to find your desired DMX address.
5. After you have set your DMX address plug in the fixture via the XLR connections to any standard DMX controller.

DMX Settings:

Xstatic Tornado – 7 Channel Mode		
Channel	Value	Function
1	0-255	Fan speed 1 - 100%
2	0-255	Haze Output 0 - 100%

PRODUCT WARRANTY INSTRUCTIONS

Complete warranty registration online at:

www.proxdirect.com/support/warranty

Registration and proof of purchase are required for warranty service.
Please keep a copy of your purchase invoice.

DETAILS:

1. Warranty period: Parts & Labor for one year (The warranty starts from the date of purchase.)
2. If the products do not use the liquid of us or any other high-quality liquid, the warranty period will be shorten to three months. The cost which caused by replacing spare parts will be borne by users.
3. The warranty is void when:
 - A. The device has been improperly powered or operated incorrectly.
 - B. The device is physically damaged
 - C. The device is damaged my moisture or foreign objects in case.
 - D. The product has been modified by anyone other than ProX
4. **Exclusions:** Packaging materials, casing & bracket of the machine and batteries inside wireless remote controller. (Remove batteries for storage)
5. Warranty services is provided at no cost for labor or parts. Service outside of the warranty period or for damaged product will be charged at standard shop rates plus parts. ***(Shipping to and from service center not included)***

Purchase Notes:

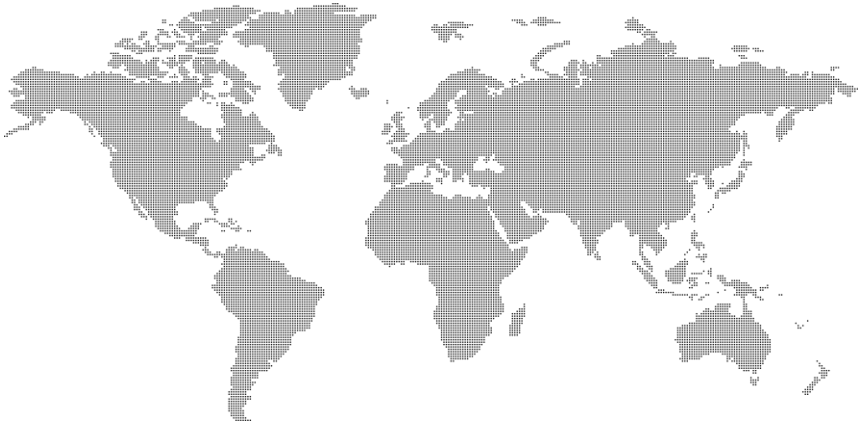
Date of Purchase: _____

Dealer Name: _____

Dealer Contact: _____

Dealer Phone: _____

Date of Registration: _____



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