



H6

HAZER



USER MANUAL

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Check that the unit has not been damaged during transport



Read all cautions and warnings
prior to operation of this
equipment

Protection Against Fire



Fire

1. Maintain a minimum of 1 foot distance from any type of flame.
2. Replace fuse only with the specified type and rating.
3. Do Not install the unit too close to a heat source.
4. Make sure cables are properly secured away from unit movement.
5. Maximum surface operating temperature 140°.

Protection Against Electrical Shock



Electrical

1. Disconnect power before servicing.
2. For connection to main power supply proceed to page 5.
3. This unit must be earthed. (electronically grounded)
4. Do not leave unit on for a long period of time
5. Use only Mega FX water based haze nectar liquid

Protection Against Mechanical Hazards



Mechanical

1. Unit is to be placed on a safe platform.
2. Use quality bolts when positioning unit
3. Do not open unit risk of electrical shock.
4. Do not place hand or any other body part in output area as items are hot and will burn.

Ingress Protection



The IP rating is commonly expressed as **IP (Ingress Protection)** is followed by 2 numbers (i.e. 53) where the numbers define the fixture rating. The first number indicates the size of a particle that can enter the fixture. The second number indicates the extent of protection against water entering the fixture. An IP53 rating in this fixture indicates that limited dust particles can enter the fixture. And there is protection against sprays of water up to 60 degree from a vertical down fall.

Specifications

Part Numbers

Fixture

2006 - H6 Hazer

Flight Case

CAS-H6-1

Mechanical Specifications

DMX Connectors:	3 -pin XLR connectors
Power Connectors:	Seetronic IP rated connection to Nema 5-15 cable mounted
Housing:	Painted Stainless Steel
IP Rating:	53
Wireless DMX:	Wireless Solutions receiver
WDMX Antenna:	IP rated
Thermal:	Maximum ambient temperature 110° F Maximum surface temperature 150° F
Angle :	Upwards and Straight angle adjuster
Display:	Digital
Tank Capacity:	1/2 Gal

Electrical Specifications

Power Supply:	110V AC	60Hz
Power consumption:	Amps	7.89
	Watts	910
Heater:	900 Watt	
Warm Up time:	2 min	
Haze Output:	8,000 Cuf/Min	

Control & Programming

Protocol:	DMX 512
Display Control:	Timer, Volume and Manual Control Via Display settings

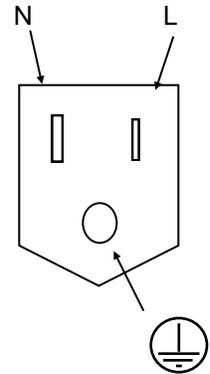
Main Power Connection

Caution!

1. Do not connect fixture to a dimmer system.
2. This unit must be earthed. (electronically grounded)
3. Replace fuse only with the specified type and rating.(12Amp 250V, 20mm)

The occupation of the connection-cable is as follows:

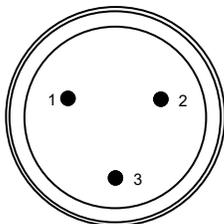
Cable (USA)	Cable (EU)	Pin	110V
Black	Brown	Live	L
White	Light Blue	Neutral	N
Green	Yellow/Green	Ground	



DMX-512 Connection

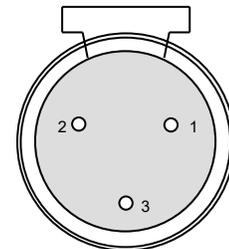
The fixture is equipped with 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 3 and 5 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—Input



1. Shield
2. Signal (-)
3. Signal (+)
4. N/A
5. N/A

DMX—Output

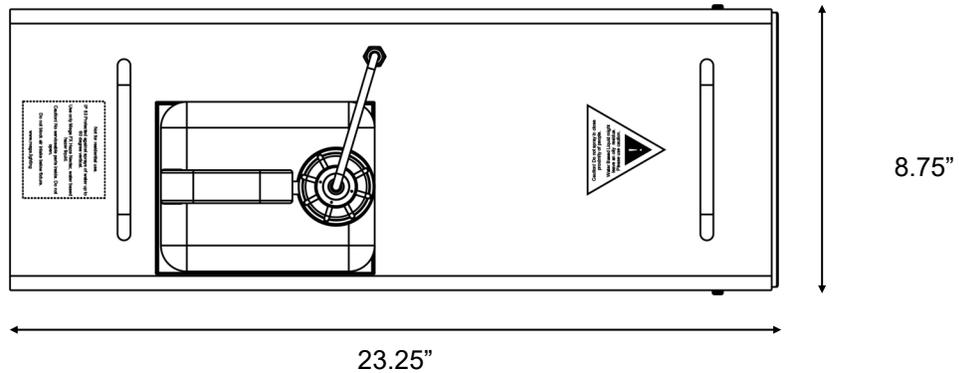
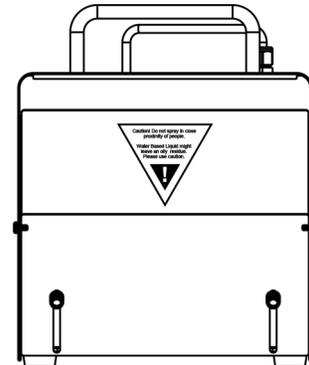
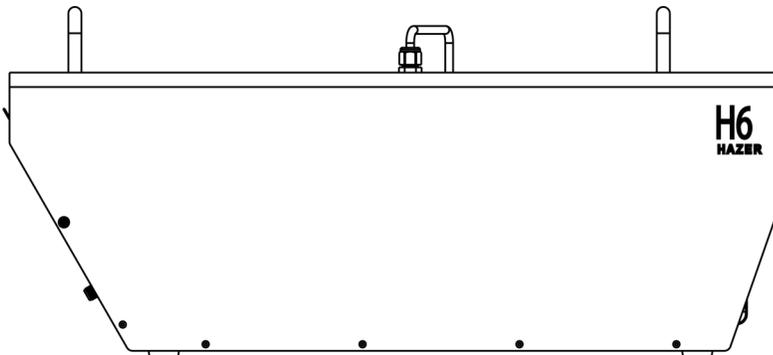
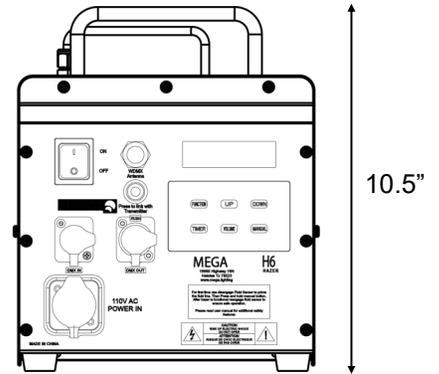
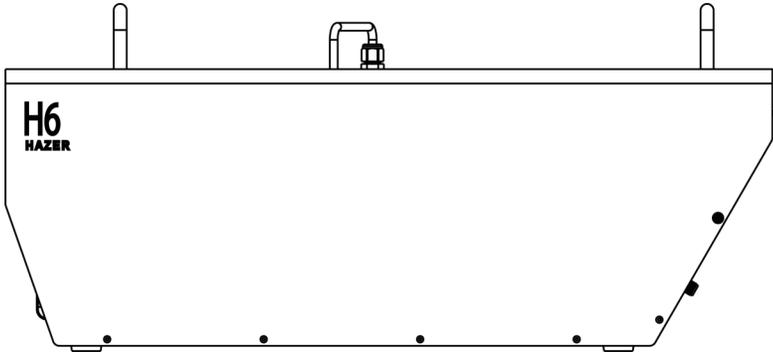


Caution!

At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the (-) and the (+) signal into a 3 pin XLR plug and plug it in to the last fixture on the signal run. Pre-manufactured terminator plugs are available for purchase from your Mega-FX dealer (P-DMX-T).

Size and Weight

Size	23.25" X 8.75" X 10.5"
Weight	23lb
Packaged	26.5" X 12" X 12.25" 25lb



Main Control Menu

The control board on the fixture base is your interface to access and control all the functions on the unit. Its LCD display gives you views of the options and functions. The following will explain each function and its options. Press **FUNCTION** Button to access control menu

Mega H6
Version 1.0

Ready to Use
Mega FX H6

FUNCTION UP DOWN

TIMER VOLUME MANUAL

FUNCTION UP DOWN

TIMER VOLUME MANUAL

The Functions Below will adjust the hazer output when used in Timer, Volume and Manual Mode.

TIMER Timer

Press once to turn on press again to turn off. Timer mode will engage Interval, Duration, Timer Out, Volume and Fan Speed settings.

VOLUME Volume

Press once to turn on press again to turn off. Volume mode will engage Volume and Fan Speed settings.

Manual Manual

Press once and hold, release to turn off. Manual mode will engage Volume and Fan Speed at 100%.

Press **Function** to access manual mode settings

Interval Set 5s Interval Set 1-200Sec
Temp:242

Sets Interval time in Sec or Minutes the amount of time Between hazer engaged. This function will only be engaged in Timer mode

Duration Set 5s Duration Set 1-200Sec
Temp:242

Sets duration time in Sec or Minutes, of the amount of time haze will be released. This function will only be engaged in Timer mode.

Timer Out 1 Timer Output 1-100%
Temp:242

Sets the output volume amount in Timer mode. This function will only be engaged in Timer mode.

Ready to Use
Mega FX H6

FUNCTION

UP

DOWN

TIMER

VOLUME

MANUAL

DMX 512 Add. 1
Temp: 242 **Work**

DMX Address

Use the up down button to give the fixture the DMX start address channel. Once DMX Signal is Present **Work** will appear in the display. (note if DMX is connected other manual control button will not function)

Fluid Sensor ON
Temp: 242

Fluid Sensor

This function will engage the fluid sensor or shut off the fluid sensor allowing you to by pass the sensor functions. This function is used to prime the liquid for the hose. Remember to reengage after the liquid has reached the heating element.

Wireless DMX Connection

DMX 512 Add. 1 Temp: 242 Work	<p>Wireless DMX Connection</p> <ol style="list-style-type: none"> 1. To Connect to wireless DMX transmitter press the function or transmit button on transmitter. 2. Then press the green link button on the H6 Hazer 3. Once connection is found the display will read Work.
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Ready To Fog Temp: 242	<p>Wireless DMX Disconnection</p> <ol style="list-style-type: none"> 1. To Disconnect press and hold the green link button until display reads Ready to Fog
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DMX Profile

H6 Hazer 2 Channel

DMX Channel	Function	Description	Value	Init Value
1	Volume	No Function	0-6	255
		Volume output from Low to Heavy	7-255	
2	Fan Speed	Slow	0-5	255
		Slow to Fast	6-255	

Parts List

H6 Hazer Parts List

Part Number	Description
2006-ANT	IP RATED WIRELESS DMX ANTENNA
2006-FAN-IP	120MM FAN
2006-FIL	BRASS LIQUID FILTER
2006-FUS-HOL	FUSE HOLDER
2006-HEA	900W HEATER
2006-HOU-HOS	REPLACEMENT HOSE
2006-HOU-TAN	FLUID TANK
2006-PCB-DIS	DISPLAY PCB
2006-PCB-FAN	FAN POWER PCB
2006-PCB-MAI	MAIN PCB
2006-PCB-DMX	DMX HUB PCB
2006-PCB-WIR	WIRELESS SOLUTION RECEIVER
2006-POW	POWER SUPPLY
2006-PUM	LIQUID PUMP
2006-SEN-HEA	HEATER TEMP SENSOR
2006-SEN-LIQ	LIQUID HOSE SENSOR

Installing the Fixture

Caution!

1. The installations must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injuries if you have doubts concerning the safety do not install.
3. Unit is to be 48 inches away from flammable materials (decoration material)
4. Use high quality installation equipment to install unit.
5. Do Not cover the air intake below the fixture.
6. Liquid might leave a oily residue on floor surface. Please use caution to avoid slipping
7. Do not place hand or any other body part in output area as items are hot and will burn.

When Installing a unit it is very important that you follow common safety procedures. Installation requires extensive experience including but not limited to calculating airflow, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional .

Cleaning and Maintenance

Installation Maintenance: The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every 2 years.

The following points have to be considered during the inspection:

- 1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
- 3) Mechanically moved parts like axles and other must not show any traces of wearing and must not rotate with unbalances.
- 4) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

Disconnect from mains before starting maintenance operation!



Caution Danger to life!

Electrical

The following points need to be addressed when doing maintenance on the H6 Hazer

- 1) The cooling-fans should be cleaned monthly. DO NOT blow high pressure air into fans as incorrect rotation can damage the fans operation.
- 2) The fans input vents need to be cleared from debris and residue.
- 3) For internal cleaning of the piping system please contact or send fixture to Mega Systems Service Department

Note: There is no serviceable parts inside the device. Maintenance and service operations are to be carried out by authorized dealers.

Replacing the fuse: Only replace the fuse with the same type and rating.

Replacing the power cable: If the power cable of this device becomes damaged, it has to be replaced by authorized dealers only.

Should you have further questions , please contact your dealer.

Warranty Information

Warranty Conditions

-Unless otherwise stated in writing, your product is covered by a one year parts and labor limited warranty.

-LEDs are not guaranteed to match in color temperature or output.

-It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and reseller or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.

-Goods returned under warranty must follow the proper authorization procedure and must be accompanied by a copy of the original invoice.

-Goods repaired under warranty will be returned to the owner with the freight prepaid by MSI via the most economical means of shipment.

-Repair or replacement as provided for under this warranty is the exclusive remedy of the consumer. MEGA SYSTEMS INC. makes no warranties, express or implied, with respect to any product, and Mega Systems specifically disclaims any warranty of merchantability or fitness for a particular purpose. Mega Systems shall not be liable for any indirect, incidental or consequential damage, including lost profit, sustained or incurred in connection with any product or caused by product defect or the partial or total failure of any product regardless of the form of action, weather in contract, tort (including negligence), strict liability or otherwise, and weather or not such damage was foreseen or unforeseen.

- Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Customer Support

Mega FX has a customer support line to provide set up help and to answer any question should you encounter a problem. Please visit our website for any other related technical documents. For service related issue please contact our service dept.

Monday—Friday 9am to 6pm CST

Voice: 210-684-2600

E-mail: service@megasystemsinc.com

Manual Version

Please Visit www.mega.lighting for the most up to date manual version. Information in this manual is subject to change.

Document Version	Date	Fixture Software	Notes
1.1	04/13/2020	V1.1	



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