

1320 Moving head strobe light

User Manual



This manual contains important information.
Please read before operating fixture.

1 Before you begin

What's included :

1. The strobe moving head light
2. Power cable
3. DMX cable
4. Signal line
5. Omega
6. Manual

Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition

Claims

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not factory.




Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with factory within 7 days of delivery.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
Menu > Settings	A sequence of menu options to be followed
<ENTER>	A key to be pressed on the product's control panel
ON	A value to be entered or selected

Symbols

Symbol	Meaning
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator
	Important installation or configuration information. The product may not function correctly if this information is not used
	Useful information

Product at a Glance

Use on Dimmer	X	Auto Programs	P
Outdoor Use	X	Auto-ranging Power Supply	P
Sound-Activated	P	Replaceable Fuse	P
DMX	P	User-Serviceable	X
Master/Slave	P		

Safety Notes

These notes include important information about the mounting, usage, and maintenance of this product; read before using the product.



Always connect the product to a grounded circuit to avoid the risk of electrocution.

Always disconnect the product from power before cleaning or replacing the fuse.

Avoid direct eye exposure to the light source while the product is on.

Make sure the power cord is not crimped or damaged.

Never disconnect the product from power by pulling or tugging on the cord.'

If mounting the product overhead, always secure to a fastening device using a safety cable.

Make sure there are no flammable materials close to the product when operating.

Do not touch the product's housing when operating because it may be very hot.



Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.

The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.

Always install the product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.

Be sure that no ventilation slots on the product's housing are blocked.

Never connect the product to a dimmer or rheostat.

Make sure to replace the fuse with another of the same type and rating.

Never carry the product from the power cord or any moving part. Always use the hanging/mounting bracket.

The maximum ambient temperature (T_a) is 104 °F (40 °C). Do not operate the product at higher temperatures.

In the event of a serious operating problem, stop using the product immediately.

Never try to repair the product. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.

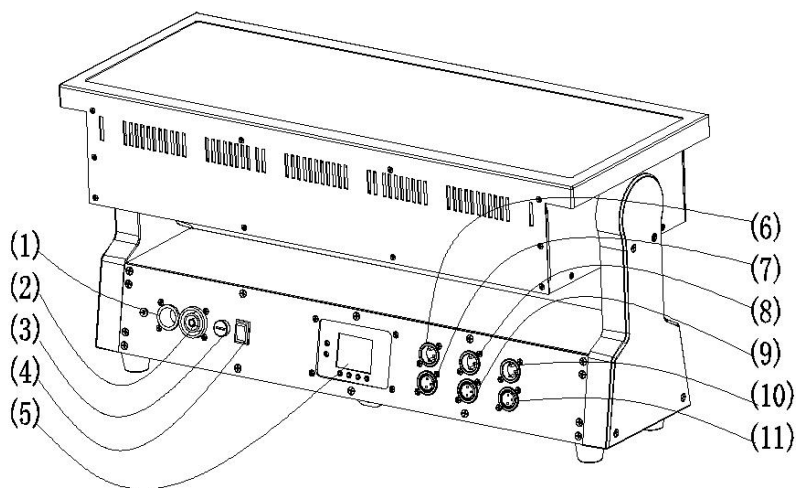
To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.



Keep this User Manual for future use. If you sell the product, give this document to the next owner

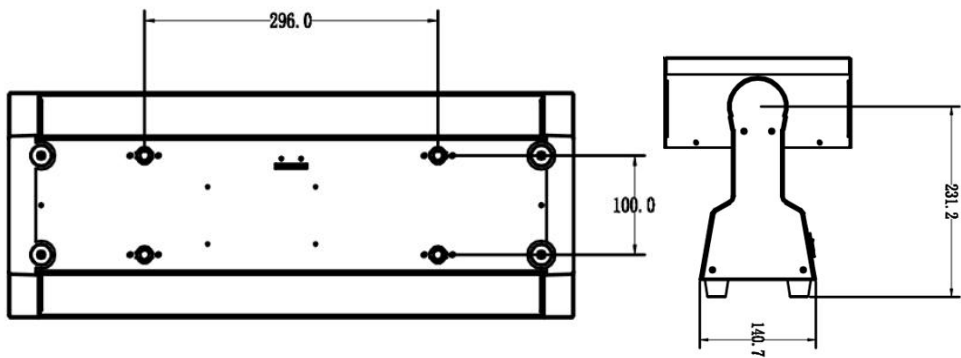
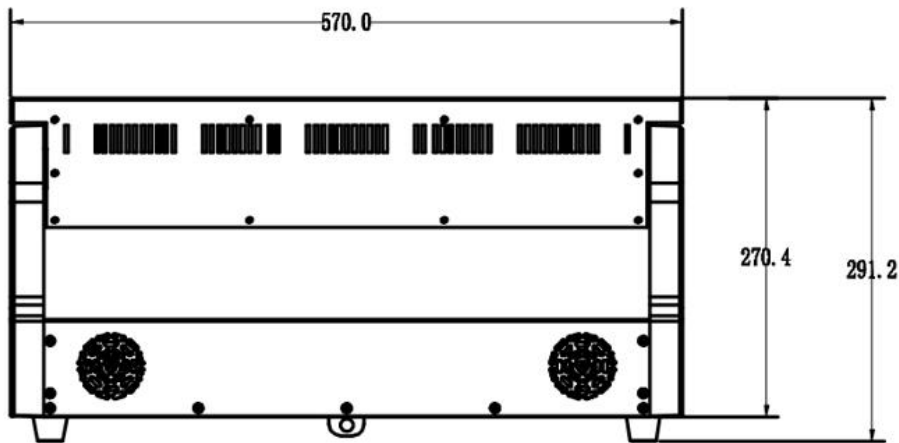
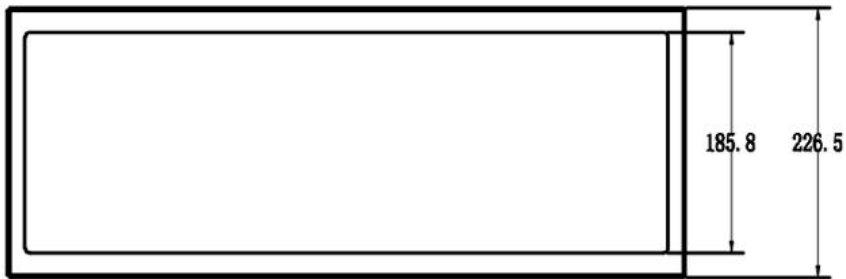


Product overview



- | | |
|-----------------------------|--------------------|
| (1) POWER IN | (6) 5-PIN DMX IN |
| (2) POWER OUT | (7) 5-PIN DMX OUT |
| (3) FUSE | (8) 3-PIN DMX IN |
| (4) POWER
SWITCH(ON/OFF) | (9) 3-PIN DMX OUT |
| (5) CONTROL PANEL | (10) ARTNET (RJ45) |
| | (11) ARTNET (RJ45) |

Product Dimensions



SETUP

AC Power

The strobe moving head light has an auto-ranging power supply and it can work with an input voltage range of 100 to 240 VAC, 50/60 Hz.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions



Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.

To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it



Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch

Fuse Replacement

1. Disconnect the product from power.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse.
4. Replace with a fuse of the same type and rating.
Screw the fuse holder cap back in place and reconnect power.



Disconnect the product from power before replacing the fuse.
Always replace a blown fuse with another of the same type and rating

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes

Orientation

The strobe moving head light may be mounted in any position; however, make sure adequate ventilation is provided around the product

Rigging

Before deciding on a location for the product, always make sure there is easy access to the product for maintenance and programming purposes.

Make sure that the structure or surface onto which you are mounting the product can support the product's weight. See the Technical Specifications for weight information. The CLP-15 clamp from Chauvet is appropriate for this product.

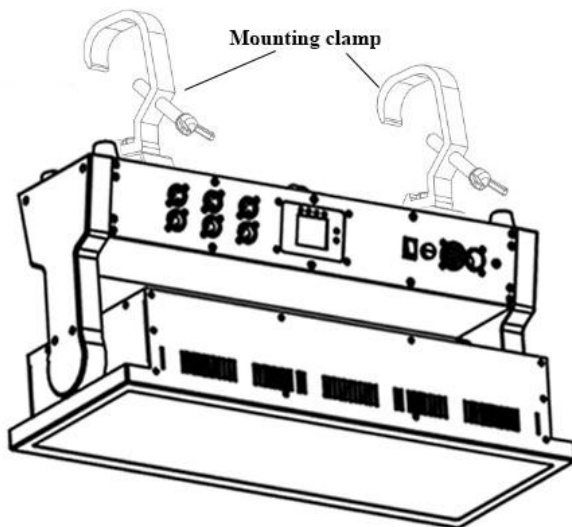
When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.

When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.

When power linking multiple products, always consider the length of the power linking cable and mount the products close enough for the cable to reach.

The rubber feet also serve as floor supports. When mounting the product on the floor, make sure that the product and cables are away from people and vehicles

Mounting Diagram



Menu Map

Address	1-512	
RUN	DMX512	
	Auto	
	Sound	
DMX MODE	14/23/68/62/17/11ch	
TEST	ALL	
SET	DISPLAY	No/Yes
	Signal Keep	No/Yes
	Slave	No/Yes
	English	Yes/否
INFO	Version	Vx.xx
MANUAL	Tilt 0-255	
	Red 0-255	
	Green 0-255	
	Blue 0-255	
	White 0-255	
	Strobe 0-020	
RESET	All Reset	No/Yes



DMX Assignments

Channel Mode : 14CH/23CH/68CH/62CH/17CH/11CH

14CH	Function	DMX Value	Description
1	Coarse tilt	0-255	0-100%
2	Fine tilt	0-255	0-100%
3	Beam intensity	0-255	0-100%
4	Blank	0-255	0-100%
5	Beam rate	0-255	0-100%
6	Beam shutter	0-253	Strobe open
		254-255	Strobe closed
7	Blank	0-255	0-100%
8	Plate intensity	0-255	0-100%
9	Blank	0-255	0-100%
10	Plate flash rate	0-255	0-255
11	Plate shutter	0-36	Strobe closed
		37-253	Strobe open
		254-255	Strobe closed
12	Plates Red	0-255	Plates red intensity 0-100%
13	Plates Green	0-255	Plates green intensity 0-100%
14	Plates Blue	0-255	Plates blue intensity 0-100%



23C H	Function	DMX Value	Description
1	Coarse tilt	0-255	0-100%
2	Fine tilt	0-255	0-100%
3	Beam intensity	0-255	0-100%
4	Blank	0-255	0-100%
5	Beam rate	0-255	0-100%
6	Beam shutter	0-253	Strobe open
		254-255	Strobe closed
7	Blank	0-255	0-100%
8	Plate intensity	0-255	0-100%
9	Blank	0-255	0-100%
10	Plate flash rate	0-255	0-100%
11	Plate shutter	0-36	Strobe closed
		37-253	Strobe open
		254-255	Strobe closed
12	Plates Red	0-255	Plates red intensity 0-100%
13	Plates Green	0-255	Plates green intensity 0-100%
14	Plates Blue	0-255	Plates blue intensity 0-100%
15	Blank	0-255	0-100%
16	Plate FX Movement	0-255	Plate movement from slow to fast 0-100%
17	Blank	0-255	0-100%
18	Beam FX	0-255	0-100%

	movement		
19	Beam FX select	0-255	0-100%
20	Plates master	0-255	FX background intensity 0-100%
21	Plates background red	0-255	FX background intensity red 0-100%
22	Plates background green	0-255	FX background intensity green 0-100%
23	Plates background blue	0-255	FX background intensity blue 0-100%

68C H	Function	DMX Value	Description
1	Coarse tilt	0-255	0-100%
2	Fine tilt	0-255	0-100%
3	Beam intensity	0-255	0-100%
4	Blank	0-255	0-100%
5	Beam rate	0-255	0-100%
6	Beam shutter	0-253	Strobe open
		254-255	Strobe closed
7	Blank	0-255	0-100%
8	Plate intensity	0-255	0-100%
9	Blank	0-255	0-100%
10	Plate flash rate	0-255	0-100%
11	Plate shutter	0-36	Strobe closed

		37-25 3	Strobe open
		254-2 55	Strobe closed
12	Plates Red	0-255	Plates red intensity 0-100%
13	Plates Green	0-255	Plates green intensity 0-100%
14	Plates Blue	0-255	Plates blue intensity 0-100%
15	Blank	0-255	0-100%
16	Plate FX Movement	0-255	Plate movement from slow to fast 0-100%
17	Blank	0-255	0-100%
18	Beam FX movement	0-255	0-100%
19	Beam FX select	0-255	0-100%
20	Plates master	0-255	FX background intensity 0-100%
21	Plate background Pixel 1	0-255	0-100% red
22		0-255	0-100% green
23		0-255	0-100% blue
24	Plate background Pixel 2	0-255	0-100% red
25		0-255	0-100% green
26		0-255	0-100% blue
27	Plate background Pixel 3	0-255	0-100% red
28		0-255	0-100% green
29		0-255	0-100% blue
30	Plate background Pixel 4	0-255	0-100% red
31		0-255	0-100% green

32		0-255	0-100% blue
33	Plate background Pixel 5	0-255	0-100% red
34		0-255	0-100% green
35		0-255	0-100% blue
36	Plate background Pixel 6	0-255	0-100% red
37		0-255	0-100% green
38		0-255	0-100% blue
39	Plate background Pixel 7	0-255	0-100% red
40		0-255	0-100% green
41		0-255	0-100% blue
42	Plate background Pixel 8	0-255	0-100% red
43		0-255	0-100% green
44		0-255	0-100% blue
45	Plate background Pixel 9	0-255	0-100% red
46		0-255	0-100% green
47		0-255	0-100% blue
48	Plate background Pixel 10	0-255	0-100% red
49		0-255	0-100% green
50		0--255	0-100% blue
51	Plate background Pixel 11	0--255	0-100% red
52		0--255	0-100% green
53		0--255	0-100% blue
54	Plate background Pixel 12	0--255	0-100% red
55		0--255	0-100% green
56		0--255	0-100% blue

57	Beam pixel intensity	Pixel 1	Intensity 0-100%
58		Pixel 2	Intensity 0-100%
59		Pixel 3	Intensity 0-100%
60		Pixel 4	Intensity 0-100%
61		Pixel 5	Intensity 0-100%
62		Pixel 6	Intensity 0-100%
63		Pixel 7	Intensity 0-100%
64		Pixel 8	Intensity 0-100%
65		Pixel 9	Intensity 0-100%
66		Pixel 10	Intensity 0-100%
67		Pixel 11	Intensity 0-100%
68		Pixel 12	Intensity 0-100%

62CH	Function	DMX Value	Description
1	Coarse tilt	0-255	0-100%
2	Fine tilt	0-255	0-100%
3	Beam intensity	0-255	0-100%
4	Blank	0-255	0-100%
5	Beam rate	0-255	0-100%
6	Beam shutter	0-253	Strobe open
		254-255	Strobe closed

7	Blank	0-255	0-100%
8	Plate intensity	0-255	0-100%
9	Blank	0-255	0-100%
10	Plate flash rate	0-255	0-100%
11	Plate shutter	0-36	Strobe closed
		37-253	Strobe open
		254-255	Strobe closed
12	Plates Red	0-255	Plates red intensity 0-100%
13	Plates Green	0-255	Plates green intensity 0-100%
14	Plates Blue	0-255	Plates blue intensity 0-100%
15	Plate pixel 1	0-255	0-100% red
16		0-255	0-100% green
17		0-255	0-100% blue
18	Plate pixel 2	0-255	0-100% red
19		0-255	0-100% green
20		0-255	0-100% blue
21	Plate pixel 3	0-255	0-100% red
22		0-255	0-100% green
23		0-255	0-100% blue
24	Plate pixel 4	0-255	0-100% red
25		0-255	0-100% green
26		0-255	0-100% blue
27	Plate pixel 5	0-255	0-100% red
28		0-255	0-100% green
29		0-255	0-100% blue

30	Plate pixel 6	0-255	0-100% red
31		0-255	0-100% green
32		0-255	0-100% blue
33	Plate pixel 7	0-255	0-100% red
34		0-255	0-100% green
35		0-255	0-100% blue
36	Plate pixel 8	0-255	0-100% red
37		0-255	0-100% green
38		0-255	0-100% blue
39	Plate pixel 9	0-255	0-100% red
40		0-255	0-100% green
41		0-255	0-100% blue
42	Plate pixel 10	0-255	0-100% red
43		0-255	0-100% green
44		0-255	0-100% blue
45	Plate pixel 11	0-255	0-100% red
46		0-255	0-100% green
47		0-255	0-100% blue
48	Plate pixel 12	0-255	0-100% red
49		0-255	0-100% green
50		0-255	0-100% blue
51	Beam Pixels	Pixel 1	Intensity 0-100%
52		Pixel 2	Intensity 0-100%
53		Pixel 3	Intensity 0-100%
54		Pixel 4	Intensity 0-100%

55		Pixel 5	Intensity 0-100%
56		Pixel 6	Intensity 0-100%
57		Pixel 7	Intensity 0-100%
58		Pixel 8	Intensity 0-100%
59		Pixel 9	Intensity 0-100%
60		Pixel 10	Intensity 0-100%
61		Pixel 11	Intensity 0-100%
62		Pixel 12	Intensity 0-100%

17C H	Function	DMX Value	Description
1	Coarse tilt	0-255	0-100%
2	Fine tilt	0-255	0-100%
3	Beam intensity	0-255	0-100%
4	Blank	0-255	0-100%
5	Beam rate	0-255	0-100%
6	Beam shutter	0-253	Strobe open
		254-255	Strobe closed
7	Blank	0-255	0-100%
8	Plate intensity	0-255	0-100%
9	Blank	0-255	0-100%

10	Plate flash rate	0-255	0-100%
11	Plate shutter	0-36	Strobe closed
		37-253	Strobe open
		254-255	Strobe closed
12	Plates Red	0-255	Plates red intensity 0-100%
13	Plates Green	0-255	Plates green intensity 0-100%
14	Plates Blue	0-255	Plates blue intensity 0-100%
15	Plates flash background red	0-255	intensity 0-100%
16	Plates flash background green	0-255	intensity 0-100%
17	Plates flash background blue	0-255	intensity 0-100%

11CH	Function	DMX Value	Description
1	Coarse tilt	0-255	0-100%
2	Fine tilt	0-255	0-100%
3	Beam intensity	0-255	0-100%
4	Blank	0-255	0-100%
5	Beam rate	0-255	0-100%
6	Beam shutter	0-255	0-100%
7	Blank	0-255	0-100%

8	Plates Red	0-255	Plates red intensity 0-100%
9	Plates Green	0-255	Plates green intensity 0-100%
10	Plates Blue	0-255	Plates blue intensity 0-100%
11	Plates White	0-255	Plates white intensity 0-100%

2 TECHNOLOGY REFERENCE

- **Input Voltage:** AC100-240V 50/60Hz
- **Power:** 480w
- **Light Source:** 1320pcs 0.2w RGB 3in1+216pcs 1w White color
- **Resolution:** 8 - 16 bit
- **Position feedback:** Yes
- **Tilt:**185°
- **Maximum ambient temperature:** 45° C / 113° F
- **DMX Channels:** 14CH/23CH/68CH/62CH/17CH/11CH
- **Control mode :** DMX 512, master-slave , sound , Auto
- **Dimmer:** 0-100% electronic
- **Display :** Colorful LCD display
- **Cooling :** Efficient low noise fan cooling system
- **Power connector:** Power CON IN/ OUT
- **Signal connection:** 3-pin XLR connectors IN/OUT
- **Signal connection:** 5-pin XLR connectors IN/OUT
- **Signal connection:** Art-net RJ45 IN/OUT
- **Dimension:** 570mm*226.5mm*291.2mm



Warranty Card

Name	Model
------	-------

Production	Purchase
------------	----------

End User
Company Name:
Add:

Sale Store	
Link man:	
Tel:	Stamp

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period: one year since purchase warranty terms: 1、 If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

- (1)Without the effective warranty card
- (2)There's blank, alter and no point-of-sale name
- (3)Fail caused by unresistance
- (4)Fail caused by transportation or unloading
- (5)Fail caused by not operate by manual
- (6)Fail caused by disassemble without unauthorized
- (7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding

