

# **6-eye full-color shaking head laser lamp**

## **User Manual**



**Note: This manual contains important information on how to install and use it safely. Please read it carefully and install and operate as required. At the same time, please keep this manual properly for emergencies**

## Moving head RGB 6 head Beam Bar Light

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Upon receipt of the product, please be careful to take place; check if the product is damaged by transportation may cause; and inspect all cartons with the following accessories:

1. AK- full color animation laser light one.
2. PIN power line
3. One User Manual

### Note :

1. strict accordance with the instructions of the operating procedures of this operation, do not disassemble lamps. Failure to professionals maintenance.
2. This product is only suitable for indoor use, and to ensure that water, moisture, shock, do not use in dusty environments.
3. Based on the characteristics of semiconductor lasers, requires a stable working environment at a temperature of 15 ~ 30 °C, continuous work after two childhood, Turn off the lamps 10 minutes re-use of lasers to cool completely, otherwise it will shorten the life of the laser.
4. fixed installation, avoid strong vibration or impact lighting. Do not use jitter.  
Between the lamp and the object to be irradiated  
Should be more than 1 meter intervals.
5. prevent foreign matter into the body, so as not to cause a malfunction.
6. When the unit is operating, ensure unobstructed ventilation exhaust passage.
7. Before electricity, pay attention to the plug is inserted firmly, make sure the power is properly grounded to prevent electric shock.
8. Do not frequent switching, to avoid affecting the laser lamp life, and try to avoid prolonged open.
9. stickers shall repair torn, otherwise the company will not be responsible for repair.
10. Avoid using afar observe the laser source device, this may increase the danger.
11. When your hands are wet, do not touch the product, do not pull on the cord.
12. The interior lighting is no user-serviceable parts, do not open the lamp.
13. When the semiconductor laser brightness decreased or other damage, please contact your dealer.
14. transport again, please note that shock is best to use the original packaging.

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### Warning:

1. Before performing any installation and maintenance work, make sure that the power cut off.
2. This lamp laser danger rating for Class III B, to observe directly in the beam is dangerous, the minimum irradiation distance 13cm,  
The maximum exposure time of ten seconds or less safe.
3. Please keep a distance between the lamp and combustible materials 0.5 meters.
4. The lamp on the power requirements of  $220/110 \pm 10\%$  V, if outside this range, use the regulator device, otherwise it will seriously affect the laser life.

### Installation instruction:

1. Before installing, make sure the voltage matches the power supply voltage and lamps you use the logo.
2. The need for a professional installation, safe and reliable fixture fixed and adjusted to the appropriate irradiation angle.
3. When installing the device, make sure at least 0.5 meters of no extreme explosive flammable items (ornaments, etc.), to ensure that lighting and wall spaced 15 cm or more.
4. Make sure the ventilation fan and exhaust passages no other equipment or decorative material clogging.
5. For security reasons, please use lamps can withstand 10 times the weight of the insurance rope assisted lifting.
6. For safety reasons, the earth grounding is very important.

### Maintenance

Regular maintenance of the product. Long-term use of the lamp, the light at the mouth of the lens surface will absorb dust, reducing the output power of the laser, use a lens cleaning paper or with a cotton swab dipped in alcohol to clean the lenses to optimize light output, careful not to wipe the lens with a damp cloth or other chemical solvents, cleaning frequency depends on the frequency of operation of the lamp and around the use of the environment, it is recommended to clean once every 20 days.

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Wipe with a clean towel chassis surface periodically to check and clean the fan opening.

### Statement

This product is fully rigorous testing at the factory, good performance, packaging integrity. All users should strictly comply with the above stated warnings and operating instructions for any misuse due to damage caused to the product are not within the scope of our warranty, failures and problems of neglect resulting operating manual nor the dealer responsible within the scope of any operation resulting laser damage to the human body, the company responsible.

### Menu function:

DMX Address A001---A512 Address Code

Channel Mode 11CH, 26CH, 38CH channel selection

Show Mode SOUND AUTO, effect selection

Slave Mode MASTER, SLAVE, main and auxiliary machine selection

Black Out YES, NO Standby mode

Sound State ON, OFF voice switch

Sound Sense sound sensitivity (0 off, 100 most sensitive)

Pan Inverse YES, NO level reverse

Tilt1 Inverse YES, NO vertical reverse

Tilt2 Inverse YES, NO vertical reverse

Tilt3 Inverse YES, NO vertical reverse

Tilt4 Inverse YES, NO vertical reverse

Tilt5 Inverse YES, NO vertical reverse

Tilt6 Inverse YES, NO vertical reverse

Back Light ON, OFF backlight switch

Auto Test Auto Test

Firmware Version V104 software version number

Defaults YES, NO Restore factory settings

System Reset YES, NO Machine reset

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### DMX channel function

#### 14CH:

1. Main switch: 0- -127 closed light 128- -255 open light
2. Red laser: 0- -127 off 128- -255 on
3. Green laser: 0- -127 off 128- -255 on light
4. Blue laser: 0- -127 off 128- -255 on
5. Strobe: 0- -9 no strobe 10- -255 strobe speed from slow to fast
- . 6 Motor self: 0- -15 no function
- 16- -45 Self-walking effect 1 (X controllable)
- 46- -75 Self-walking effect 2 (X controllable)
- 76- -105 Self-walk effect 3 (X controllable)
- 106- -135 Self-walking effect 4 (X controllable)
- 136- -165 Self-walking effect 5 (X controllable)
- 166- -195 Self-walking effect 6 (X controllable)
- 196- -225 Self-walking effect 7 (X not controllable)
- 226- -255 Sound control (226- -240X controllable, 241- -255 X uncontrollable)
- . 7 Motor self speed: from fast to slow
8. Laser travel: 0- -15 no function
- 16- -27 Effect 1 28- -39 Effect 2
- 40- -51 effect 3 52- -63 effect 4
- 64- -75 effect 5 76- -87 effect 6

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88- -99 effect 7 100- -111 effect 8

112- - -123 effect 9 124- - -135 effect 10

136- -147 effects 11 148- -159 effect 12

160- -171 effect 13 172- -183 effect 14

184- -195 effects 15 196- -207 effect 16

208- -219 effect 17 220- -231 effect 18

232- -243 effects 19 244- -255 effect 20

. 9 Laser self-walking speed: 0- -255 speed from fast to slow

10. X-axis motor stroke: 0- - -255 0° - - - - -360° positioning

11. X-axis fine-tuning: 0- - -255

12. Y 1-Y 6 shaft motor stroke: 0- - -255 0° - - - - -360° positioning

13. XY axis motor speed: 0- -255 speed from fast to slow

14. Reset: 0- - - -127 no function, 128- -255 complete machine reset

(value stay for 5 seconds)

### 23CH:

1. Main switch: 0- - -127 closed light 128- - -255 open light

2. Strobe: 0- - -9 no strobe 10- -255 strobe speed from slow to fast

. 3 Motor self: 0- -15 no function

16- - -45 Self-walking effect 1 (X controllable)

46- - -75 Self-walking effect 2 (X controllable)

76- - -105 Self-walk effect 3 (X controllable)

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106- -135 Self-walking effect 4 (X controllable)

136- -165 Self-walking effect 5 (X controllable)

166- -195 Self-walking effect 6 (X controllable)

196- -225 Self-walking effect 7 (X not controllable)

226- -255 Sound control (226- -240X controllable, 241- -

-255 X uncontrollable)

. 4 Motor self speed: from fast to slow

5. Laser travel: 0- -15 no function

16- -27 Effect 1 28- -39 Effect 2

40- -51 effect 3 52- -63 effect 4

64- -75 effect 5 76- -87 effect 6

88- -99 effect 7 100- -111 effect 8

112- -123 effect 9 124- -135 effect 10

136- -147 effects 11 148- -159 effect 12

160- -171 effect 13 172- -183 effect 14

184- -195 effects 15 196- -207 effect 16

208- -219 effect 17 220- -231 effect 18

232- -243 effects 19 244- -255 effect 20

. 6 Laser self-walking speed: 0- -255 speed from fast to slow

7. X-axis motor stroke: 0- -255 0° - - - - -360° positioning

8. X-axis motor tuning: 0- -255

9. Y1- -Y6 shaft motor stroke: 0 non-functional 1- -255 0° - -

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-106.8° positioning

10.XY axis motor speed: 0- -255 speed from fast to slow

11.Y1 shaft motor stroke: 0- -255 0° - - - - -106.8° positioning

12.Red laser 1:0- -127 off 128- -255 on

13.Green laser 1:0- -127 off 128- -255 on light

14.Blue laser 1:0- -127 off 128- -255 light

15.Y2 shaft motor stroke: 0- -255 0° - - - - -106.8° positioning

16.Red laser 2:0- -127 off 128- -255 on

17.Green laser 2:0- -127 off 128- -255 on

18.Blue laser 2:0- -127 off 128- -255 on

19.Y3 shaft motor stroke: 0- -255 0° - - - - -106.8° positioning

20.Red laser 3:0- -127 off 128- -255 on

21.Green laser 3:0- -127 off 128- -255 light

22.Blue laser 3:0- -127 off 128- -255 on light

23.Y4 shaft motor stroke: 0- -255 0° - - - - -106.8° positioning

24.Red laser 4:0- -127 off 128- -255 on light

25.Green laser 4:0- -127 off 128- -255 light

26.Blue laser 4:0- -127 off 128- -255 light

27.Y5 shaft motor stroke: 0- -255 0° - - - - -106.8° positioning

28.Red laser 5:0- -127 off 128- -255 on light

29.Green laser 5:0- -127 off 128- -255 on light

30.Blue laser 5:0- -127 off 128- -255 on light



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- 31.Y6 shaft motor stroke: 0- - -255 0° - - - - -106.8° positioning
- 32.Red laser 6:0- - -127 off 128- - -255 on
- 33.Green laser 6:0- - -127 off 128- -255 light
- 34.Blue laser 6:0- - -127 off 128- - -255 on light
- 35. Reset: 0- - - -127 no function, 128- -255 complete machine reset  
(value stay for 5 seconds)

### Motor fine-tuning function operation:

Press the menu button “MENU” to enter the menu, press the “ENTER” button for at least 3 seconds, the menu interface displays “Pan Offerset”, press the OK button at the value -127----127 Adjust the motor position internally, and then press the OK key to save the trimming value you set.

### Maintenance:

1. Eliminate the artificial laying of dust, dirt and fume into the lamp body as far as possible, and keep the laser performer clean as possible in the environment.
2. Please use professional glass cleaner regularly every month and wash the mirror with flannel cloth to ensure maximum laser brightness output and prolong the service life of the light source.

### Warranty Notes

Warranty Period: This product is guaranteed for one year from the date of purchase.

Warranty clauses:

1. Faults arising from the normal use of the product during the warranty period may be repaired free of charge by presenting the warranty card and purchase ticket (photocopy) according to the content of the warranty clause.
2. During the warranty period, the following conditions will be implemented to provide paid maintenance services.
  - (1) Failure to produce a valid warranty card.
  - (2) There are omissions, alterations and no sales names on the warranty card.

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- (3) Faults and damages caused by irresistibility.
- (4) Faults and damages caused in transportation and handling.
- (5) Failure or damage caused by failure to follow the instructions.
- (6) Failure or damage caused by disassembling, repairing or refitting products without authorization of the manufacturer or non-professional personnel. Failure caused by using control series not approved by our factory or matched by our factory.
- (7) Consumables - Our factory reserves the right of final interpretation of this warranty clause.

### Product warranty card

Product Name	Product Model

<div>End users</div> <div>Unit name:</div> <div>Address:</div> <div>Contacts:</div> <div>Telephone:</div>
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Date of manufacture	User Purchase Date

**Moving head RGB 6 head Beam Bar Light**

**Retailer**

**Contacts:**

**Telephone:**

**Seal:**

**Note: The blanks mentioned above must be filled out and stamped truthfully by the end-users and sellers, otherwise they are not guaranteed.**