

# 7x40w big bee eyes moving head light



**USER MANUAL**



1. catalogue

2. Safety guide.....2

3. technical specifications .....3

4. Graphic section.....4

5. Channels ..... 5

6. Channels ..... 6

## 1. Safety guide



### Warning

- Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Unpack and check carefully there is no transportation damage before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit is for indoor use only. Use only in a dry location.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Disconnect main power before replacement or servicing.
- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.
- Maximum ambient temperature is  $T_a: 40^{\circ}\text{C}$ . DO NOT operate it where the temperature is higher than this.
- Unit surface temperature may reach up to  $85^{\circ}\text{C}$ . DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.
- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- DO NOT touch any wire during operation as high voltage might be causing electric shock.

**Warning:**

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- DO NOT open the unit within five minutes after switching off.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

**Caution:**

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

If using a 230V 50Hz power supply, DO NOT connect in series more than 11 units; use another main supply for the next 11 fixtures.

If using a 120V 60Hz power supply, DO NOT connect in series more than 5 units; use another main supply for the next 5 fixtures.

**Installation:**

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

## 2. technical specifications

- Small size, comprehensive function of quickly moving LED, effect lamp.
- DMX channel: 17 / 25 / 38CH channel mode
- Operation mode: DMX512, main and secondary computer mode
- There is a built-in lighting function in the main and secondary machine mode
- Suitable for stage, theatre, TV studio and ballroom

**Voltage:** AC100V~240V, 50/60Hz

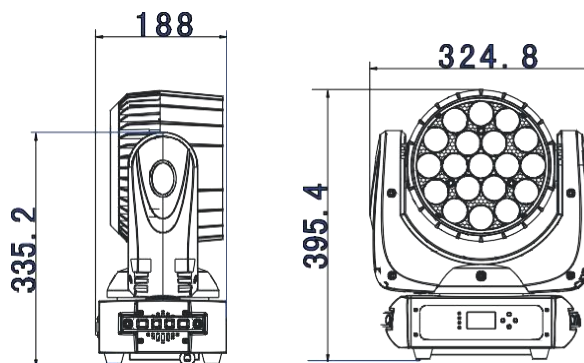
**Power :** **500W**

**LED:** **7X 40W RGBW LED**

**Dimension :** 324.8X188X395.4mm

**Weight :** 9.2Kgs

**Angel :** 10°~60°



**Address]** The menu can set the address of the lamp.

- ◆ **[Mode]** The menu is the working mode selection menu, in which you can choose **[DMX512]** console control mode, **[Auto1]** walk 1 mode, **[Auto2]** walk 2 mode, **[Sound]** voice control mode and **[Manual]** manual control mode. When the non-console control mode is selected, the lamp will automatically send DMX signals outward as the host.
- ◆ **[Channels]** The menu can set the channel mode of the lamp, namely, 17 channel mode, 25 channel mode and 38 channel mode.
- ◆ **[X Reverse]** Set the menu for horizontal forward and backward direction.
- ◆ **[Y Reverse]** Set the menu for vertical forward and reverse direction.
- ◆ **[Display Reverse]** Set up menu for the inverted display.
- ◆ **[Mic Sense]** Set the menu for sound control sensitivity, which can be set.
- ◆ **[Language]** For the display language setting menu, you can choose the Chinese or English display.
- ◆ **[Reset]** The menu can reset the lamps.
- ◆ **[Default]** The menu can restore the lamp factory settings.
- ◆ **[Factory Set]** Set the menu for the factory from the factory.

## 17Channels

| CH | Function             | DMX value | Describe  |
|----|----------------------|-----------|---|
| 1  | PAN                  | 0--255    | Pan control                                       |
| 2  | TILT                 | 0--255    | Tilt control                                      |
| 3  | XY speed             | 0--255    | Speed from fast to slow                           |
| 4  | Zoom                 | 0--255    | The angle changes from small to large             |
| 5  | The bee eye rotation | 0--255    |   |
| 6  | Total dimmer         | 0--255    | Linear dimming occurs from dark to light          |
| 7  | Strobe               | 0--15     | light up  |
|    |                      | 16--255   | Sync strobe speed is from slow to fast (1HZ-25HZ) |
| 8  | R                    | 0--255    | Red dimmer  |
| 9  | G                    | 0--255    | Green dimmer                                      |
| 10 | B                    | 0--255    | Blue dimmer                                       |
| 11 | W                    | 0--255    | White dimmer                                      |

|    |   |                          |                                 |
|----|---|--------------------------|---------------------------------|
| 12 | Macro color                                       | 0--15                    | No effect                       |
|    |   | 16--255                  | Macro color                     |
| 13 | Static pattern                                    | 0--161 (18 Number one)   | Monochromatic pattern           |
|    |   | 162--255 (18 Number one) | Mixed color pattern             |
| 14 | Dynamic pattern                                   | 0--9                     | No effect                       |
|    |   | 10--189 (9 number one )  | Monochromatic dynamic pattern   |
|    |   | 190--255 (9 number one)  | Mixed color dynamic pattern     |
| 15 | Pattern translation (with 14 channel)             | 0--9                     | Dynamic pattern from the walk   |
|    |   | 10--255                  | Select a dynamic pattern scene  |
| 16 | Dynamic pattern speed (combined with 14 channels) | 0--127                   | walking, from fast to slow      |
|    |   | 128--255                 | Go back away, from slow to fast |
| 17 | Reset   | 0--50                    | NO effect                       |
|    |   | 51--100                  | AUTO 1                          |
|    |   | 101--150                 | AUTO 2                          |
|    |   | 151--200                 | Sound                           |
|    |   | 250--255                 | <b>5S</b> reset                 |

## 25Channels

| Ch | Fction                 | DMX Value | Describe                                 |
|----|------------------------|-----------|--|
| 1  | Pan                    | 0--255    | Pan control                              |
| 2  | Horizontal fine-tuning | 0--255    | Horizontal fine-tuning control           |
| 3  | Vertical               | 0--255    | vertical control                         |
| 4  | Vertical fine-tuning   | 0--255    | Vertical horizontal fine-tuning control  |
| 5  | <b>XY</b> Speed        | 0-255     | Speed from fast to slow                  |
| 6  | ZOOM                   | 0--255    | The Angle changes from small to large    |
| 7  | The bee eye rotation   | 0--255    |  |
| 8  | Total dimming          | 0--255    | Linear dimming occurs from dark to light |
| 9  | Strobe                 | 0--15     | Light up                                 |



|    |   |                            |   |
|----|---|----------------------------|---|
|    |   | 16--255                    | Sync strobe speed is from slow to fast (1HZ-25HZ) |
| 10 | R   | 0--255                     | Red dimmer  |
| 11 | G   | 0--255                     | Green dimmer                                      |
| 12 | B   | 0--255                     | Blue dimmer                                       |
| 13 | W   | 0--255                     | White dimmer                                      |
| 14 | Macro color                                       | 0--15                      | No effect   |
|    |   | 16--255                    | Macro color                                       |
| 15 | Static pattern                                    | 0--161 (18 number one )    | Monochromatic pattern                             |
|    |   | 162--255 (18Number of one) | Mixed color pattern                               |
| 16 | Dynamic pattern                                   | 0--9                       | No effect   |
|    |   | 10--189 (9Number of one)   | Monochromatic dynamic pattern                     |
|    |   | 190--255 (Number of one)   | Mixed color dynamic pattern                       |
| 17 | Pattern translation (with 16 channel)             | 0--9                       | Dynamic pattern from the walk                     |
|    |   | 10--255                    | Select a dynamic pattern scene                    |
| 18 | Dynamic pattern speed (combined with 16 channels) | 0--127                     | walking, from fast to slow                        |
|    |   | 128--255                   | Go back away, from slow to fast                   |
| 19 | Background total dimming                          | 0--255                     | Background 0-100% dimming                         |
| 20 | Background flash                                  | 0--255                     | Background flash                                  |
| 21 | Pattern background R                              | 0--255                     | The pattern effect is red                         |
| 22 | Pattern background G                              | 0--255                     | The pattern effect is green                       |
| 23 | Pattern background B                              | 0--255                     | Pattern effect is blue                            |
| 24 | Pattern background W                              | 0--255                     | The pattern effect is white                       |
| 25 | RESET   | 0--50                      | No effect   |
|    |   | 51--100                    | AUTO 1  |
|    |   | 101--150                   | AUTO 2  |
|    |   | 151--200                   | SOUND   |
|    |   | 250--255                   | 5S RESET  |

### 38 Channels

| CH    | Fctions                | DMX Value | Describe  |
|-------|------------------------|-----------|---|
| 1     | Pan                    | 0--255    | Pan control                                       |
| 2     | Horizontal fine-tuning | 0--255    | Horizontal fine-tuning control                    |
| 3     | vertical               | 0--255    | vertical control                                  |
| 4     | Vertical fine-tuning   | 0--255    | Vertical horizontal fine-tuning control           |
| 5     | <b>XY</b> speed        | 0--255    | Speed from fast to slow                           |
| 6     | Zoom                   | 0--255    | The Angle changes from small to large             |
| 7     | The bee eye rotation   | 0--255    |   |
| 8     | Total dimming          | 0--255    | Linear dimming occurs from dark to light          |
| 9     | Strobe                 | 0--15     | Light up  |
|       |                        | 16--255   | Sync strobe speed is from slow to fast (1HZ-25HZ) |
| 10    | <b>R1</b> LED Dimmer   | 0--255    | <b>R1</b> LED Dimmer                              |
| 11    | <b>G1</b> LED Dimmer   | 0--255    | <b>G1</b> LED Dimmer                              |
| 12    | <b>B1</b> LED Dimmer   | 0--255    | <b>B1</b> LED Dimmer                              |
| 13    | <b>W1</b> LED Dimmer   | 0--255    | <b>W1</b> LED Dimmer                              |
| ..... | .....                  | .....     | .....   |
| 34    | R7 LED Dimmer          | 0--255    | R7 LED Dimmer                                     |
| 35    | G7 LED Dimmer          | 0--255    | G7 LED Dimmer                                     |
| 36    | B7 LED Dimmer          | 0--255    | B7 LED Dimmer                                     |
| 37    | W7 LED Dimmer          | 0--255    | W7 LED Dimmer                                     |
| 38    | Reset                  | 0--50     | No effect   |
|       |                        | 51--100   | Auto 1  |
|       |                        | 101--150  | Auto 2  |
|       |                        | 151--200  | Sound   |
|       |                        | 250--255  | <b>5S</b> Reset                                   |

After the head-shaking LED is energized, turn on the console power supply. When receiving the DMX512 console signal, the X of the signal mark disappears, and the control console signal controls.

In the address code state, after the multi-machine connection, if there is no contact console, the main and slave online function can be realized, operating one



