



## TOP-3X3

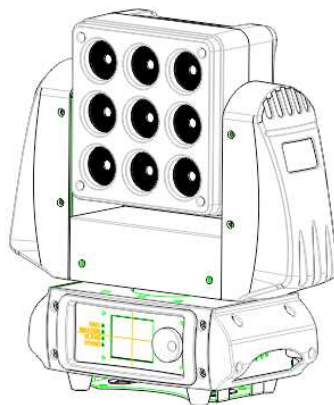
### LED Matrix Pixel Moving Head User Manual

Please read the manual before operation

#### A. SPECIFICATION

1. Power input: AC 100V, 60Hz/50Hz
2. Wattage: 120W
3. LEDs: 9\*4-in-1 RGBW
4. Beam angle: 8 degree
5. DMX Channels: 9/16/42/44CH
6. Operation mode: LCD display
7. Working temperature: -10℃~40℃
8. Dimension: 339\*150\*351mm
9. Net Weight: 6.2 kg
10. DMX linking: 30pcs
11. Power linking: 6pcs/110V, 11pcs/240V
12. Lumen:

|      |             |
|------|-------------|
| R    | 4120lux@2m  |
| G    | 8097lux@2m  |
| B    | 1623lux@2m  |
| W    | 9322lux@2m  |
| FULL | 16310lux@2m |



## B. OPERATION

There are four working modes of this fixture, please press “MODE” button to switch the modes

- DMX mode
- Master mode
- Slave mode
- Sound-active mode

DMX Channels: 9/16/42/44 channel

Pan/Tilt: 360 degrees continuous rotation

LED effect: LED matrix pixel control

LED dimming: 0~100% smooth dimming

### 1. LED function

| DMX    | Dimming | DMX power in      |
|--------|---------|-------------------|
| Master | Bright  | Master mode       |
| Slave  | Dimming | Slave mode        |
| Sound  | Dimming | Sound-active mode |

### 2. Button function

|               |                           |
|---------------|---------------------------|
| Anticlockwise | Choose next choice        |
| Clockwise     | Choose last choice        |
| Press         | Confirm selected function |

### 3. DMX channel function

| Function         | DMX Value | Setting                         | 9 Channels | 16 Channels                | 42 Channels | 44 Channels                |
|------------------|-----------|---------------------------------|------------|----------------------------|-------------|----------------------------|
| Pan              | 000-127   | 0-360degree                     | 1          | 1(DMX 000-255)             | 1           | 1(DMX 000-255)             |
|                  | 128-191   | Clockwise from fast to slow     |            | 6 (DMX 000-127no function) |             | 6 (DMX 000-127no function) |
|                  | 192-255   | Anticlockwise from slow to fast |            |                            |             |                            |
| Pan fine turning | 000-255   | 0~100%                          |            | 2                          | 2           | 2                          |
| Tilt             | 000-127   | 0-360 degree                    | 2          | 3(DMX 000-255)             | 3           | 3(DMX 000-255)             |
|                  | 128-191   | Clockwise from fast to slow     |            | 7 (DMX 000-127function)    |             | 7 (DMX 000-127no function) |
|                  | 192-255   | Anticlockwise                   |            |                            |             |                            |

|                     |         |                         |   |    |    |    |
|---------------------|---------|-------------------------|---|----|----|----|
|                     |         | from slow to fast       |   |    |    |    |
| Tilt fine turning   | 000-255 | 0~100%                  |   | 4  | 4  | 4  |
| Pan and tilt speed  | 000-255 | Speed from fast to slow |   | 5  | 5  | 5  |
| Full dimming        | 000-255 | 0~100%                  | 3 | 6  |    |    |
| Red                 | 000-255 | 0~100%                  | 4 | 7  |    |    |
| Green               | 000-255 | 0~100%                  | 5 | 8  |    |    |
| Blue                | 000-255 | 0~100%                  | 6 | 9  |    |    |
| White               | 000-255 | 0~100%                  | 7 | 10 |    |    |
| Dimming             | 000-005 | Dimming closed          | 8 | 11 |    |    |
|                     | 006-255 | Speed from slow to fast |   |    |    |    |
| Restore             | 000-009 | No function             | 9 | 16 | 42 | 44 |
|                     | 010-020 | Restore                 |   |    |    |    |
|                     | 021-255 | No function             |   |    |    |    |
| Color running       | 000-015 | No effect               |   | 14 |    |    |
|                     | 016-055 | Running1                |   |    |    |    |
|                     | 056-095 | Running 2               |   |    |    |    |
|                     | 096-135 | Running 3               |   |    |    |    |
|                     | 136-175 | Running4                |   |    |    |    |
|                     | 176-215 | Running 5               |   |    |    |    |
|                     | 216-255 | Running 6               |   |    |    |    |
| Color running speed | 000-255 | Speed from slow to fast |   | 15 |    |    |
| Red1                | 000-255 | 0~100%                  |   |    | 6  | 8  |
| Green1              | 000-255 | 0~100%                  |   |    | 7  | 9  |
| Blue1               | 000-255 | 0~100%                  |   |    | 8  | 10 |
| White1              | 000-255 | 0~100%                  |   |    | 9  | 11 |
| Red2                | 000-255 | 0~100%                  |   |    | 10 | 12 |
| Green2              | 000-255 | 0~100%                  |   |    | 11 | 13 |
| Blue2               | 000-255 | 0~100%                  |   |    | 12 | 14 |
| White2              | 000-255 | 0~100%                  |   |    | 13 | 15 |
| Red3                | 000-255 | 0~100%                  |   |    | 14 | 16 |
| Green3              | 000-255 | 0~100%                  |   |    | 15 | 17 |
| Blue3               | 000-255 | 0~100%                  |   |    | 16 | 18 |
| White3              | 000-255 | 0~100%                  |   |    | 17 | 19 |
| Red4                | 000-255 | 0~100%                  |   |    | 18 | 20 |
| Green4              | 000-255 | 0~100%                  |   |    | 19 | 21 |

|        |         |        |  |  |    |    |
|--------|---------|--------|--|--|----|----|
| Blue4  | 000-255 | 0~100% |  |  | 20 | 22 |
| White4 | 000-255 | 0~100% |  |  | 21 | 23 |
| Red5   | 000-255 | 0~100% |  |  | 22 | 24 |
| Green5 | 000-255 | 0~100% |  |  | 23 | 25 |
| Blue5  | 000-255 | 0~100% |  |  | 24 | 26 |
| White5 | 000-255 | 0~100% |  |  | 25 | 27 |
| Red6   | 000-255 | 0~100% |  |  | 26 | 28 |
| Green6 | 000-255 | 0~100% |  |  | 27 | 29 |
| Blue6  | 000-255 | 0~100% |  |  | 28 | 30 |
| White6 | 000-255 | 0~100% |  |  | 29 | 31 |
| Red7   | 000-255 | 0~100% |  |  | 30 | 32 |
| Green7 | 000-255 | 0~100% |  |  | 31 | 33 |
| Blue7  | 000-255 | 0~100% |  |  | 32 | 34 |
| White7 | 000-255 | 0~100% |  |  | 33 | 35 |
| Red8   | 000-255 | 0~100% |  |  | 34 | 36 |
| Green8 | 000-255 | 0~100% |  |  | 35 | 37 |
| Blue8  | 000-255 | 0~100% |  |  | 36 | 38 |
| White8 | 000-255 | 0~100% |  |  | 37 | 39 |
| Red9   | 000-255 | 0~100% |  |  | 38 | 40 |
| Green9 | 000-255 | 0~100% |  |  | 39 | 41 |
| Blue9  | 000-255 | 0~100% |  |  | 40 | 42 |
| White9 | 000-255 | 0~100% |  |  | 41 | 43 |



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