

**19PCS 15W BEAM WASH
LED MOVING HEAD
USER MANUAL**

Please read over this manual before operation.

1. Product Specifications

Voltage: AC90-240v, 50-60Hz

Power consumption: 350W Max.

Light source: 19pcs 15w 4in1 LEDs

DMX Channel: 16/24CH

Control Mode: DMX512/Master-slave/Sound/Auto

Movement: Pan 540 degrees Tilt 270 degrees

Strobe: 1-25 times/sec or random

Display : LCD display

2. LCD Display Setting

2.1 DMX Setting

This function is used to set the DMX address and channel modes, press "Enter" to get into setting window, press "UP" or "DOWN" to increase or reduce value, then press "Enter" again to save and exit. It has two optional channel modes: 16CH and 24CH.

2.2 Run Mode Setting

This function is used to set working mode. Press "Enter" to get into the setting window and press "UP" or "DOWN" to select the working modes as "DMX512", "Slow" and "Fast", "Sound" and "Manual", select one of them and pressing "Enter" to save and exit.

DMX512: Controller operation mode.

Slow: Slow-speed auto-run mode

Fast: Fast-speed auto-run mode

Sound: Sound activated auto-run mode

Manual: Manual mode (Slave)

2.3 PAN/Tilt Invert Setting

This function is for reversing the directly of Pan and Tilt, press "Enter" to get into the setting window, press "UP" or "DOWN" to choose from "YES" and "NO" to select the direction, press "Enter" to save and exit.

2.4 Display Setting

This function is to switch the backlight of LCD display panel, as well as invert words and switch English/Chinese language. Press "Enter" to enter into setting window. Press "UP" or "DOWN" to select. Choose "YES" to keep backlight always on, or it'll turn off automatically after 20 seconds without an operation. After that, press "Enter" to save and exit.

2.5 Manual Setting

This function is used to set parameters. It's only valid when run mode is set as Manual Mode. Then, press "Enter" to save and exit.

| Manual Setting Menu | Function |
|----------------------------|----------------------|
| PAN | Pan position |
| PANMICO | Pan fine |
| TILT | Tilt position |
| TILTMICO | Tilt fine |
| XY_SPEED | Pan & Tilt speed |
| ZOOM | Zoom |
| DIM | Master dimmer |
| STROBE | Strobe |
| DIM_R0 | Group 1 red dimmer |
| DIM_G0 | Group 1 green dimmer |
| DIM_B0 | Group 1 blue dimmer |
| DIM_W0 | Group 1 white dimmer |
| DIM_R1 | Group 2 red dimmer |
| DIM_G1 | Group 2 green dimmer |
| DIM_B1 | Group 2 blue dimmer |
| DIM_W1 | Group 2 white dimmer |
| DIM_R2 | Group 3 red dimmer |
| DIM_G2 | Group 3 green dimmer |
| DIM_B2 | Group 3 blue dimmer |
| DIM_W2 | Group 3 white dimmer |
| LIGHT_CH | Built-in light show |
| SHOW_SP | Light show speed |

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|----------|---------------|
| MACRO_CH | Macro control |
|----------|---------------|

2.6 Sound Sence

This function is to adjust the sensitivity of sound active mode. Press “Enter” to get into setting window, press “UP” and “DOWN” to adjust the sensitivity from 0 to 100. Then press “Enter” to save and exit.

2.7 System Setting

System information

The Version: V1

PAN Reset:Normal/Wrong

TILT Reset: Normal/Wrong

Default Settings: Restore factory setting

Code Setting: Password(DOWN DOWN UP UP)

The above password is required for checking and setting X/Y Fine and White Balance.

| Setting Menu | Function |
|--------------|---------------|
| PAN_INIT | Pan fine |
| TILT_INIT | Tilt fine |
| SET_R | Red current |
| SET_G | Green current |
| SET_B | Blue current |
| SET_W | White current |

2.8 Reset

Press “ENTER” to confirm the “RESET” function, the device will be reset after 3 seconds.

3. DMX512 Channel Modes

24CH Mode

| 24CH | Function | Value | Description |
|------|---------------|---------|---|
| 1 | X | 0-255 | 0~540° |
| 2 | X fine | 0-255 | 16bit Adjustable |
| 3 | Y | 0-255 | 0~270° |
| 4 | Y fine | 0-255 | 16bit Adjustable |
| 5 | XY speed | 0-255 | Speed from fast to slow |
| 6 | Zoom | 0-255 | |
| 7 | Master Dimmer | 0-255 | Linear dimmer from dark to light |
| 8 | Strobe | 0-3 | None function |
| | | 4-95 | Strobe speed from slow to fast (1~25hz) |
| | | 96-176 | Random strobe |
| | | 177-255 | Thunder strobe |
| 9 | R1 Dimmer | 0-255 | Group 1 red from dark to light |
| 10 | G1 Dimmer | 0-255 | Group 1 green from dark to light |
| 11 | B1 Dimmer | 0-255 | Group 1 blue from dark to light |
| 12 | W1 Dimmer | 0-255 | Group 1 white from dark to light |
| 13 | R2 Dimmer | 0-255 | Group 2 red from dark to light |
| 14 | G2 Dimmer | 0-255 | Group 2 green from dark to light |
| 15 | B2 Dimmer | 0-255 | Group 2 blue from dark to light |
| 16 | W2 Dimmer | 0-255 | Group 2 white from dark to light |

| | | | | |
|------------|----|--|---------|--|
| 16H | 17 | R3 Dimmer | 0-255 | Group 3 red from dark to light |
| | 18 | G3 Dimmer | 0-255 | Group 3 green from dark to light |
| | 19 | B3 Dimmer | 0-255 | Group 3 blue from dark to light |
| | 20 | W3 Dimmer | 0-255 | Group 3 white from dark to light |
| | 21 | Effect display (Set CH23 as 50-99) | 0-24 | Built-in effect 1 |
| | | | 25-49 | Built-in effect 2 |
| | | | 50-74 | Built-in effect 3 |
| | | | 75-99 | Built-in effect 4 |
| | | | 100-124 | Built-in effect 5 |
| | | | 125-149 | Built-in effect 6 |
| | | | 150-174 | Built-in effect 7 |
| | | | 175-199 | Built-in effect 8 |
| | | | 200-224 | Built-in effect 9 |
| | | | 225-255 | Built-in effect 10 |
| | 22 | Effect speed | 0-255 | From fast to slow |
| | 23 | Macro function | 0-49 | None function |
| | | | 50-99 | Effect display (built-in effect of CH21) |
| | | | 100-149 | Auto run 1 |
| | | | 150-199 | Auto run 2 |
| | | | 200-255 | Sound control |
| | 24 | Reset | 0-250 | None function |
| | | | 251-255 | Reset after 3s |

Mode

| 16CH | Function | Value | Description |
|------|----------|-------|-------------|
|------|----------|-------|-------------|

| | | | |
|----|--|---------|---|
| 1 | X | 0-255 | 0~540° |
| 2 | X fine | 0-255 | 16bit Adjustable |
| 3 | Y | 0-255 | 0~270° |
| 4 | Y fine | 0-255 | 16bit Adjustable |
| 5 | XY speed | 0-255 | Speed from fast to slow |
| 6 | Master Dimmer | 0-255 | Linear dimming from dark to light |
| 7 | Strobe | 0-3 | None function |
| | | 4-95 | Strobe speed from slow to fast (1~25hz) |
| | | 96-176 | Random strobe |
| | | 177-255 | Thunder strobe |
| 8 | R Dimmer | 0-255 | Red dimmer from dark to light. |
| 9 | G Dimmer | 0-255 | Green dimmer from dark to light. |
| 10 | B Dimmer | 0-255 | Blue dimmer from dark to light. |
| 11 | W Dimmer | 0-255 | White dimmer from dark to light. |
| 12 | Zoom | 0-255 | |
| 13 | Effect display (Set CH15 as 50-99) | 0-24 | Built-in effect 1 |
| | | 25-49 | Built-in effect 2 |
| | | 50-74 | Built-in effect 3 |
| | | 75-99 | Built-in effect 4 |
| | | 100-124 | Built-in effect 5 |
| | | 125-149 | Built-in effect 6 |
| | | 150-174 | Built-in effect 7 |
| | | 175-199 | Built-in effect 8 |
| | | 200-224 | Built-in effect 9 |

| | | | |
|----|----------------|---------|--|
| | | 225-255 | Built-in effect 10 |
| 14 | Effect speed | 0-255 | From fast to slow |
| 15 | Macro function | 0-49 | None function |
| | | 50-99 | Effect display (built-in effect of 13CH) |
| | | 100-149 | Auto run 1 |
| | | 150-199 | Auto run 2 |
| | | 200-255 | Sound control |
| 16 | Reset | 0-250 | None function |
| | | 251-255 | Reset after 3s |

All information is subject to change without prior notice.

