



## CLS-4 COMPLETE

### USER MANUAL

Welcome to use the powerful series of innovative CLS-4 COMPLETE . It is with LCD digital display for the most convenient operation by using with the foot controller. With the smart design for the fastest installation within 2 minutes for the end users.

#### Technical Specifications:

|                            |                              |
|----------------------------|------------------------------|
| Power supply:              | AC230V. 50Hz                 |
| Power consumption:         | Max. 250W                    |
| LED quantity:              | 20x 12W HEX (6in1, RGBWA+UV) |
| DMX control:               | 6CH, 8CH, 11CH, 24CH, 29CH   |
| DMX connection:            | 3-pin                        |
| Foot controller connetion: | 5-pin                        |
| Power:                     | IEC IN & OUT                 |
| Beam angle:                | 25 degree                    |
| Fuse:                      | T2A                          |
| Dimension (L x W x H)      | 1030x 100 x 290mm            |
| Weight:                    | 7.0kgs                       |

It fulfills with:

- 14 built-in programs
- Auto run
- DMX mode (6CH, 8CH, 11CH, 24CH, 29CH optional)
- Master/slave mode
- Sound active mode
- Foot controller
- IR remote control

## Operation instructions:

### ● Built-in programs (P01-P14)

|   |
|---|
| 01.STATIC<br>R:000-255 G :000-255<br>B:000-255 W:000-255<br>A:000-255 U:000-255<br>Flash00-99 |
| DREAM<br>Speed00-99 Flash00-99  |
| METEOR<br>Speed00-99 Flash00-99   |
| FADE<br>Speed00-99 Flash00-99   |
| CHANGE<br>Speed00-99 Flash00-99   |
| FLOW 1<br>Speed00-99 Flash00-99   |
| FLOW 2<br>Speed00-99 Flash00-99   |
| FLOW 3<br>Speed00-99 Flash00-99   |
| FLOW 4<br>Speed00-99 Flash00-99   |
| FLOW 5<br>Speed00-99 Flash00-99   |
| FLOW 6<br>Speed00-99 Flash00-99   |
| FLOW 7<br>Speed00-99 Flash00-99   |
| FLOW 8<br>Speed00-99 Flash00-99<br>C1. -00-63 C2. -01-63                                      |
| FLOW 9<br>Speed00-99 Flash00-99<br>C1. -00-63 C2. -01-63                                      |

- **Auto Run mode (13 built-in modes together)**

FQN01-99 (Frequency adjustable)

- **SLAVE Mode:**

Link the units and press MODE button of the Slave units to SLAVE mode. Then the slave units will follow running in accordance with the Master unit.

- **Sound Active Mode:**

Press MODE button into SOUND controlling mode, then the fixture will run via the sound.

Press UP & DOWN to adjust the sound sensitivity levels (SENS00-31) & frequency (FQN01-99).

- **DMX Mode**

Channel mode: (6CH, 8CH, 11CH, 24CH, 29CH optional)

### **6channel mode:**

|     |   |         |        |
|-----|---|---------|--------|
| CH1 | R | 000-255 | 0-100% |
| CH2 | G | 000-255 | 0-100% |
| CH3 | B | 000-255 | 0-100% |
| CH4 | W | 000-255 | 0-100% |
| CH5 | A | 000-255 | 0-100% |
| CH6 | U | 000-255 | 0-100% |

### **8 channel mode:**

| Channel: | Value:  | Function:                 |
|----------|---------|---------------------------|
| 1        | 000-255 | Red (0-100%)              |
| 2        | 000-255 | Green (0-100%)            |
| 3        | 000-255 | Blue (0-100%)             |
| 4        | 000-255 | White (0-100%)            |
| 5        | 000-255 | Amber (0-100%)            |
| 6        | 000-255 | UV (0-100%)               |
| 7        | 000-255 | Master dimmer (0-100%)    |
| 8        | 000-000 | ON                        |
|          | 001-005 | Sound control (63 colors) |
|          | 006-010 | ON                        |
|          | 011-255 | Strobe (increasing)       |

## **11channel mode:**

| CH1            | CH2  | CH3                                   | CH4                 | CH5                | CH6,7,8,9           | CH10                                      | CH11                                      |
|----------------|--|---------------------------------------|---------------------|--------------------|---------------------|---|---|
| 0-15           | Master<br>dimmer                               | Flash<br>0-255<br><br>Slow<br>to fast | R<br>0-255          | G<br>0-255         | B,W,A,UV<br>(0-255) | Power Out<br>1<br>0-127=off<br>128-255=on | Power Out<br>2<br>0-127=off<br>128-255=on |
| 16-23 R        |  |                                       |                     |                    |                     |   |   |
| 24-31 G        |  |                                       |                     |                    |                     |   |   |
| 32-39 B        |  |                                       |                     |                    |                     |   |   |
| 40-47 W        |  |                                       |                     |                    |                     |   |   |
| 48-55 A        |  |                                       |                     |                    |                     |   |   |
| 56-63 U        |  |                                       |                     |                    |                     |   |   |
| 64-71 RG       |  |                                       |                     |                    |                     |   |   |
| 72-79 RB       |  |                                       |                     |                    |                     |   |   |
| 80-87 RW       |  |                                       |                     |                    |                     |   |   |
| 88-95 RA       |  |                                       |                     |                    |                     |   |   |
| 96-103RU       |  |                                       |                     |                    |                     |   |   |
| 104-111GB      |  |                                       |                     |                    |                     |   |   |
| 112-119 GW     |  |                                       |                     |                    |                     |   |   |
| 120-127 GA     |  |                                       |                     |                    |                     |   |   |
| 128-135 GU     |  |                                       |                     |                    |                     |   |   |
| 136-143 Dream  | Speed<br>control<br>(0-255)<br>Slow to<br>fast |                                       |                     |                    |                     |   |   |
| 144-151 Meteor |  |                                       |                     |                    |                     |   |   |
| 152-159 Fade   |  |                                       |                     |                    |                     |   |   |
| 160-167 Change |  |                                       |                     |                    |                     |   |   |
| 168-175 Flow1  |  |                                       |                     |                    |                     |   |   |
| 176-183 Flow2  |  |                                       |                     |                    |                     |   |   |
| 184-191 Flow3  |  |                                       |                     |                    |                     |   |   |
| 192-199 Flow4  |  |                                       |                     |                    |                     |   |   |
| 200-207 Flow5  |  |                                       |                     |                    |                     |   |   |
| 208-215 Flow6  |  |                                       |                     |                    |                     |   |   |
| 216-223 Flow7  |  |                                       |                     |                    |                     |   |   |
| 224-231 Flow8  |  |                                       | 63 color<br>section | 63color<br>section |                     |   |   |
| 232-239 Flow9  |  |                                       | 63 color<br>section | 63color<br>section |                     |   |   |
| 240-255 Sound  | Sensitivity<br>(0-255)                         |                                       |                     |                    |                     |   |   |



## **29 channel mode:**

**(Eevery 1 spot eye as 1 section, the fixture has 4 sections totally)**

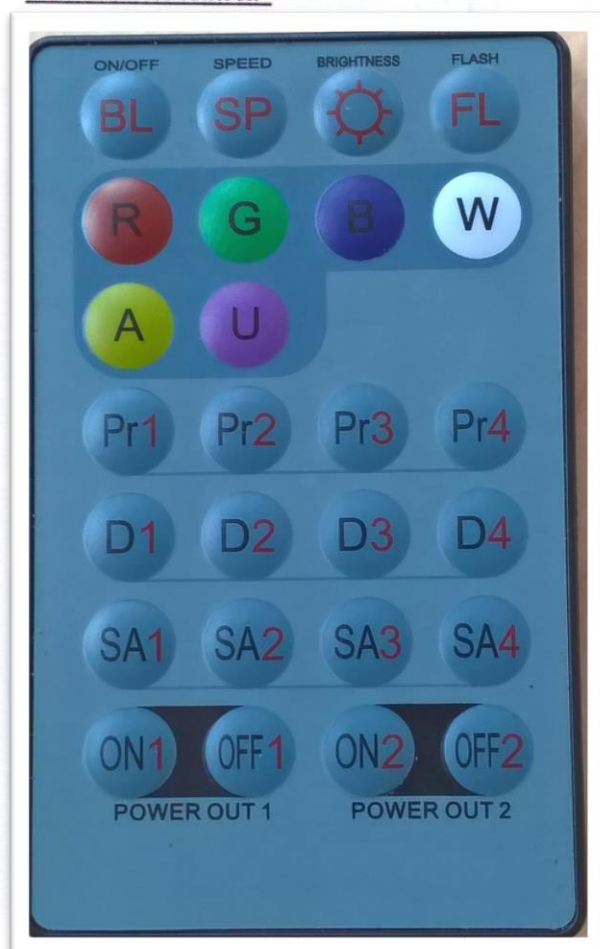
From Ch1-Ch3 is the same as 11channel mode chart, from Ch4-Ch29, it is for the 4 spot eyes color control + POWER OUT 1/2 CONTROL.

## **24.channel mode:**

|       |       |       |        |
|-------|-------|-------|--------|
| CH1   | R1    | 0-255 | 0-100% |
| CH2   | G1    | 0-255 | 0-100% |
| ..... | ..... | ..... | .....  |
| CH22  | W4    | 0-255 | 0-100% |
| CH23  | A4    | 0-255 | 0-100% |
| CH24  | U4    | 0-255 | 0-100% |

## **IR remote control instructions:**

Press the IR switcher on the bar to ON, the idicator become red, then the fixture will be controlled only by the IR remote control.



**BL=On/Off**

**SP=speed**, a (press 1<sup>st</sup>=slow, 2<sup>nd</sup>=medium, 3<sup>rd</sup>=fast 4<sup>th</sup>= off)

**☼ =brightness** (press 1<sup>st</sup>=50%, 2<sup>nd</sup>=75%, 3<sup>rd</sup>=100%, 4<sup>th</sup>= off)

**FL=flash**, (press 1<sup>st</sup>=slow, 2<sup>nd</sup>=medium, 3<sup>rd</sup>=fast, 4<sup>th</sup>= off)

**R/G/B/W/A/UV= color select**

**Pr1-Pr4=**color change (speed can be adjust via **SP** button, via **FL** to adjust Flash)

**D1-D4=** dream (speed can be adjust via **SP** button, via **FL** to adjust Flash)

**SA1-SA4=**sound active in 4 running effect from **SA1-SA4**.

**ON1/ON2=**adding light1/light2 on top of the bar to ON

**OFF1/OFF2=**adding light1/light2 on top of the bar to OFF

## Foot controller instructions:

This controller is made for the T-Bar system. It is the most convenient foot controller for the fastest operation. All the built-in programs can be bright out through the 4 step buttons.



## OPERATION INSTRUCTIONS:

1. **Press MODE for first time, the R led indicator light up---Static color selection function.**  
Via UP/DOWN buttons to select the desired color. Then press BLACKOUT for no output, if press BLACKOUT again, it will return to previous setting.
2. **Press MODE for the second time, the G led indicator light up---Sound active function.**  
Press BLACKOUT for no output, if press BLACKOUT again, it will return to the previous setting.  
Attn: when in Sound function, via UP / DOWN can control the adding light (UP=light 1, DOWN=light2, press 1<sup>st</sup> time=ON, press the same button 2<sup>nd</sup> time=OFF)
3. **Press MODE for the third time, the Y led indicator light up---Built-in programs selection.**  
Press UP/DOWN buttons to select the desired program. Press BLACKOUT for no output, if press BLACKOUT again, it will return to the previous setting.
4. **Press one of the 4 buttons for 3 sec.----FULL ON .**